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2 Letter from the Chairman and the President

4 Introduction

10 Summary of Award Activity

15 CUNY Sponsored Program Highlights

47 2004 CUNY Awards

79 Independent Auditor's Report, June 30, 2004 and 2003

89 Supplemental Financial Schedules

Letter from the Chairman and the President

The year 2004 was one in which The City University of New York once again showed great strength in the area of sponsored programs. Total awards continue to exceed \$300 million at the senior and community colleges. This is a tribute to: the faculty and staff, whose knowledge, skill, and interests attract funding from a multitude of external sources; the campus administrators, whose support is indispensable to carrying out the terms and conditions of the awards; and the Research Foundation, which handles the numerous details of everything from compliance and reporting, to payroll and purchasing so that grant recipients can concentrate on the programmatic aspects of their awards.

When you read the pages that follow, what emerges is a picture of a university on the move, where a renewed commitment to the research enterprise is reflected in the individual and collective success stories highlighted here. How far the university can go in achieving distinction in research and other sponsored program activity is not, however, solely a function of the commitment that CUNY itself has made. We have already seen that at the federal level, real cuts have been made to some agencies that sponsor research, and the budgets of others have failed to keep pace with inflation. Further cuts are possible. That will have both near and long-term consequences for CUNY and every other institution of higher learning and bears watching.

We and others will also feel the impact of the decline in graduate students coming from abroad to study in American universities. Graduate students are important factors in the ability of institutions to attract research-active faculty. Visa obstacles and increased investments in foreign universities are diverting students who in previous years would have come to the United States. Recent streamlining of the visa clearance procedures will, hopefully, ameliorate the situation somewhat, but challenges remain.

At the State level, funding of the critical needs at the university for improvements in its physical plant is absolutely essential if CUNY is to be competitive with other institutions whose superior laboratories and other facilities enable them to attract major grants, particularly in the sciences. That is why both the 2004–2008 CUNY Master Plan and the 2006 CUNY Budget stress the importance of a new Advanced Science Research Center. Its focus will be on biosensing, a field that involves technologies that can be used for the identification, monitoring, and control of biologic phenomena.

CUNY also seeks improvements in other areas to enhance research, including technical and secretarial support, time for faculty to perform research, equipment and maintenance, and online research resources.

As a university, CUNY recognizes the importance of basic research that delves into the major questions of our time. And as a public institution, CUNY equally recognizes its obligation to put the knowledge it gains to practical use in the service of human needs. Neither would be possible without the outstanding support provided by the Research Foundation. As an independent not-for-profit educational corporation, the Research Foundation combines talented and dedicated staff with the latest technological innovations to meet the rigorous, varied, and changeable requirements of thousands of awards from hundreds of sponsors each year, and to provide the flexibility needed by faculty and staff to carry out the goals of their grants and contracts.

As we look ahead we mark the 100th anniversary of Albert Einstein's "miracle year," his "annus mirabilis" of 1905. In that year, Einstein, then a patent clerk in Switzerland, wrote four papers that essentially re-made physics: verifying the existence of atoms through Brownian motion, deducing the size of molecules, laying the foundation for quantum theory, and, of course, modifying the theory of space and time with his special theory of relativity. Not a bad year.

Likewise, it has not been a bad year for the Research Foundation either. Recent bold initiatives at the RF will position it to serve CUNY's needs even better in the years ahead. These include the first-ever reduction in the administrative fee, the purchase of an office building in the Times Square area, and the creation of a new company to extend RF's services to other not-for-profit entities.

All in all we remain optimistic about CUNY's research prospects and the capacity of the Research Foundation to help convert its energy into matter.

Matthew Goldstein
Chairman of the Board

Richard F. Rothbard
President

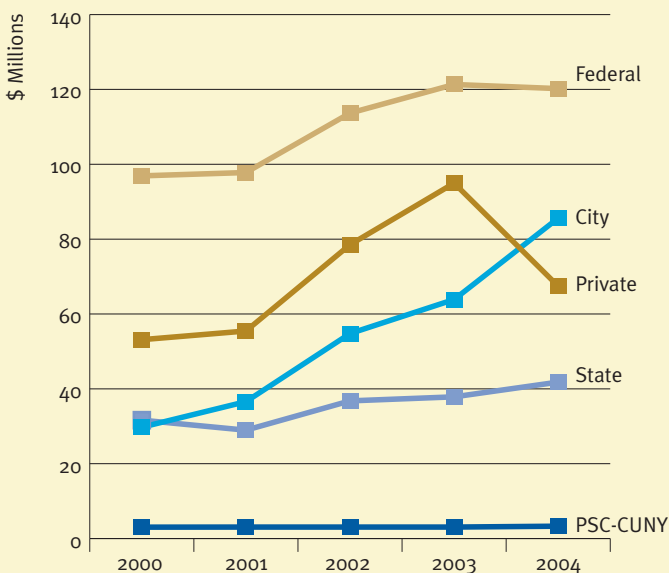
Introduction

The Research Foundation of The City University of New York is an institution unique in its history and mission. Founded more than forty years ago, the RF was originally chartered to serve the needs of the recently established Graduate School, which was created when the University was formed from New York City's municipal colleges (that had up to that time operated as semi-autonomous entities). In 1969, the RF was given the responsibility by the university's governing board for administering all grants and contracts received by all college faculty and staff. This remains the focus of the Foundation's activities to this day.

No less so than in 1969, the work of CUNY's faculty and staff today pushes the boundaries of human knowledge and puts that knowledge to use solving practical problems. Although the media reports regularly on the exciting research taking place throughout CUNY, these reports offer a mere glimpse of the amazing work underway to address some of the most intractable issues we confront individually and collectively in areas such as health, the environment, transportation, education, security, and workforce preparedness.

As a private, not-for-profit, educational corporation, the RF is able to respond to the unique circumstances and requirements peculiar to sponsor-funded research. In practical terms, this means that faculty and staff can compete for awards on a more level playing field with their colleagues from other institutions; that sponsored program funds are appropriately segregated from other funding sources; and that once awards are received, the Foundation's structure and processes enable a degree of flexibility not otherwise available, so recipients can carry out the objectives of their grants.

Awards by Source and Year



PATENTS

Non-Invasive Tissue Imaging

Robert Alfano, Jing Tang and Ping Pei Ho – City College: System and method of fluorescence spectroscopic imaging for characterization and monitoring of tissue damage; US Patent Application 09/767,125; US Patent 6,631,289.

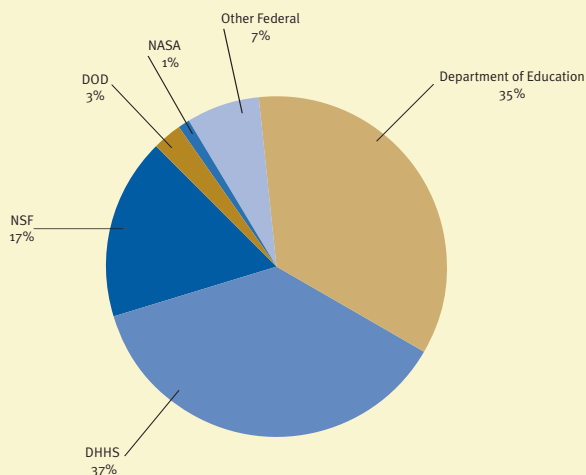
New Uses for Waste Products

Teresa Badosz and Andriy Bahryeyev – City College: Preparation of adsorbents from organic fertilizer and mineral oil and their applications for removal of acidic gases from sulfur containing wet gas streams; US Patent Application 09/997,398.

Anti-Microbial Treatment of Products

Robert Engel, JaimeLee Iolani Cohen and Karen Melkonian – Queens College: Antimicrobial surfaces; US Patent Application 10/117,311.

Federal Awards by Source



The Past Year

The financial reports included in this publication demonstrate that fiscal year 2004 was one in which faculty and staff continued to attract major funding from hundreds of governmental and private sources in support of thousands of projects that span the breadth of academic inquiry and community service. Our delight over this success, however, is tempered by developments at various levels of government, where actual and potential budget reductions presage challenging times ahead for grant seekers.

Of equal concern are recent reports that foreign applications to American graduate schools have declined for the second straight year. This decline is attributed to visa delays in the aftermath of September 11, along with increased competition from foreign universities. Although this trend has yet to manifest itself in a significant way at CUNY, it may only be a matter of time. Why is this an issue for the Research Foundation? Faculty who are engaged in research, particularly in the sciences and engineering, depend heavily on graduate students who assist them both in the classroom and in the laboratory. Without a reliable source of outstanding graduate students – and when it comes to the sciences those students are drawn heavily from overseas – the ability of CUNY to attract, retain, and support researchers is severely impaired.

PATENTS

A Tactile Computer Interface for the Visually Impaired

Karen Gourgey and Steven Landau – Baruch College: Tactile graphic-based interactive overlay assembly and computer system for the visually impaired, US Patent Application 10/245,815.

Regenerating Spinal Cord Nerve Cells

Marie T. Filbin, Marco Domeniconi and Zixuan Cao – Hunter College: Inhibitors of myelin-associated glycoprotein (MAG) activity for regulating neural growth and regeneration. MAG peptides and NGR binding inhibitors; US Patent Application 10/327,213.

An annual report offers an opportunity for reflection. It is a forum in which we can share our successes and disappointments, re-calibrate our goals and methods, and articulate our plans for the future. In the time that has passed since our last annual report, some remarkable things have happened in the life of the Research Foundation.

New Fee

On January 1, 2005, the Research Foundation did something we had never done before – we lowered the fee that we charge for our services. Unlike CUNY, which receives its funding from governmental appropriations and student tuition, the RF relies almost exclusively on a fee-for-service to fund operations. Colleges pay the fee out of the indirect cost recoveries they receive from grants and contracts. This recent fee reduction was the culmination of a commitment to our customers to reduce their costs and it was made possible by a combination of higher volumes, efficient web-based systems, and skilled Foundation staff.

Unlike the across-the-board fee previously in effect, the new structure uses a mix of fees calculated to reflect the differing costs of tasks that the RF undertakes. In this way, there can now be a far more direct relationship between the charge for work performed and the cost of performing the work. As a result, every college will be paying less than under the old system. What this means (beyond the obvious) is that the higher retained indirect cost recoveries will enable greater college investment in the academic/research enterprise.

New Building

On July 14, 2004, the Research Foundation took ownership of a twenty story commercial building at 230 West 41st Street. This was the fulfillment of an ambitious goal, recently set by the Board of Directors, of acquiring a permanent, owned headquarters. Driven from our home at 30 West Broadway by the events of September 11, 2001, the Research Foundation took up temporary residence in leased quarters at 555 West 57th Street. Not long afterwards, the RF concluded that its long-term interests would be served best by purchasing a building that would provide a permanent address, excellent access to mass transit, room for growth, and opportunities for income. In order to carry out the purchase, the RF Board authorized the formation of a new corporation, the 230 West 41st Street LLC.



Our new facility, in addition to meeting the criteria we established for ourselves, has the added virtue of adjoining the site of the future headquarters of the New York Times. Because of this juxtaposition, CUNY has leased space in our building that will house its new graduate School of

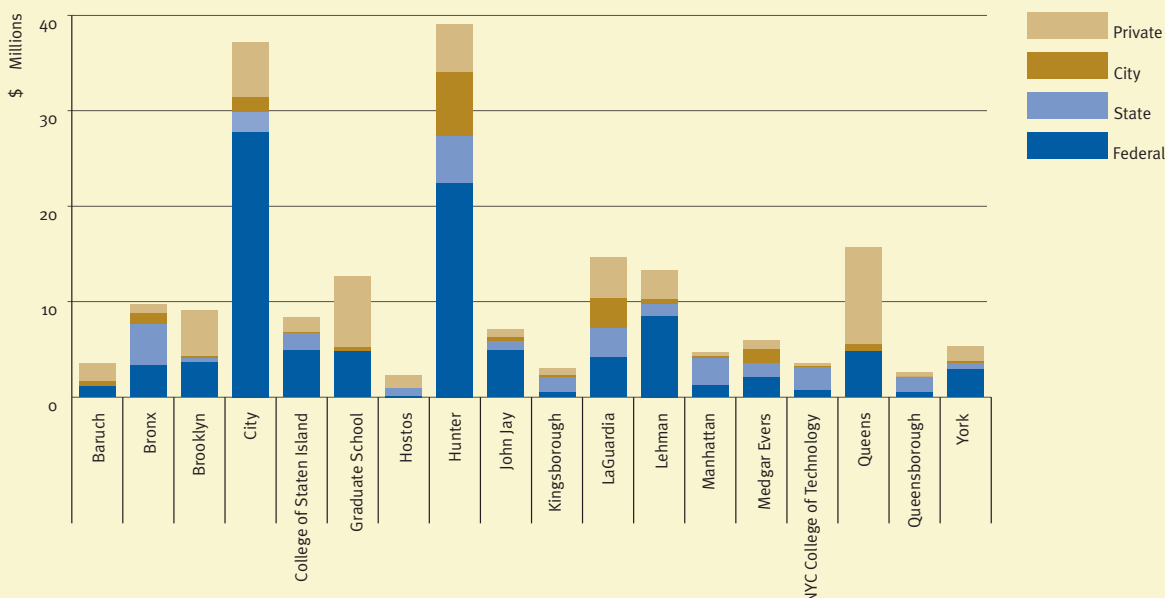
Journalism. In addition, the University's central finance operations will be brought together at this location. The RF became fully operational at our new home in the spring of 2005.

New Clients

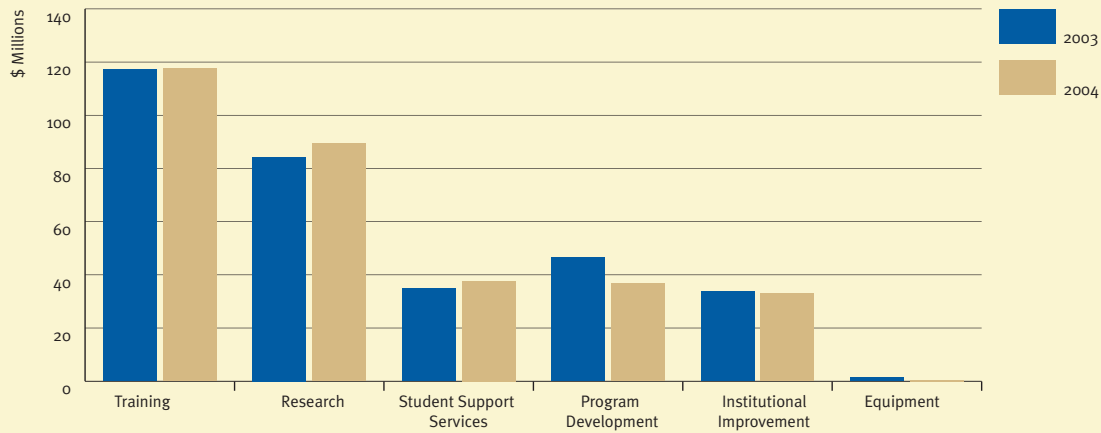
The RF recently embarked on an exciting new venture to bring its considerable experience to bear in the service of other non-profit entities. There are hundreds of small and mid-sized organizations in the New York metropolitan area that struggle daily with the demands of administering programs that serve an important public purpose. Were it not for such organizations, these programs would likely have to be provided by government. Unfortunately, the burden of program administration is often costly and overwhelming, straining the resources of the non-profit community and frequently discouraging them from seeking additional grant opportunities.

GrantsPlus is a new corporation in the RF family, created by the Board of Directors to build upon the accumulated experience, resources, and economies of scale of the Foundation to assist these organizations by providing administrative support so they can concentrate on program delivery. Early indications are that there is widespread interest in the services that GrantsPlus is offering and we expect that a variety of new clients will be on board by next year's report.

Awards by Source and College

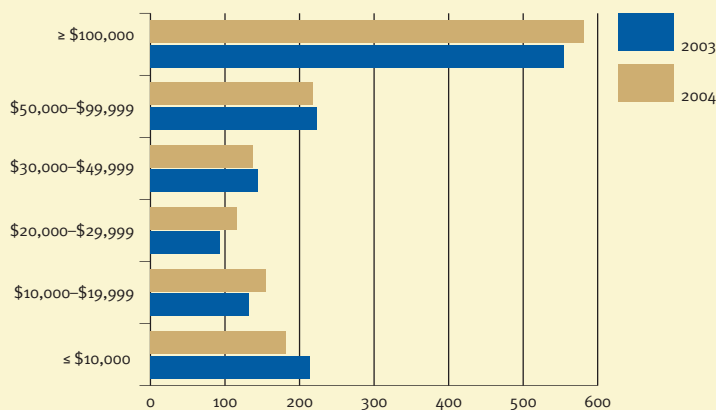


Total Awards by Purpose*



*Excludes PSC-CUNY Awards

Awards by Dollar Value*



*Excludes PSC-CUNY Awards

New Systems

If you haven't visited our web site, www.rfcuny.org, lately, we urge you to do so. What you'll find is a range of useful information and administrative applications that support the research enterprise. And it's all just a mouse click away. Need to file a timesheet? Click, it's in front of you. Want to check an old pay stub when preparing your taxes? Another click and it's on the screen. Want to review year-to-date project expenses? Click and a report with your preference of either summary information or line item detail appears. Need to check on a policy or procedure? Click!

We live in the "Age of e" — e-timesheets, e-Paystubs, e-Document Tracking, e-Personnel Vacancy Notices, e-Procurement and more. These systems reduce human error, speed the work of the Foundation and our customers, and eliminate volumes of paperwork. They also free up RF central office staff to concentrate on higher-order customer service matters instead of performing mundane repetitive tasks. Over the past

three years, the Foundation has made the World Wide Web a centerpiece of its business model. As new technologies appear and current ones improve, the RF will integrate them into its operations to provide even better support.

New Background Checks

In a given year, the Research Foundation employs 12,000 full and part-time staff. Most of them work on CUNY's campuses in a wide array of projects. Some work off campus. Many of these projects bring our employees into contact with financial resources, sensitive information, and vulnerable populations. In order to assure the safety and well-being of our human and physical assets, and all those with whom we interact, the RF has implemented the use of pre-employment reviews of job applicants. This practice follows the increasing use of such checks in business and higher education nationally and is encouraged by the legal, human resources, accounting, insurance, and law enforcement communities.

New Job Classifications

With the help of an outside human resources expert, and in consultation with campus Grants Officers and others, we recently embarked on an overhaul of the RF's job classification structure. The new system will not only provide structure and clarity to the myriad of RF positions that have developed over time but also make available to all managers thorough and appropriate job descriptions.

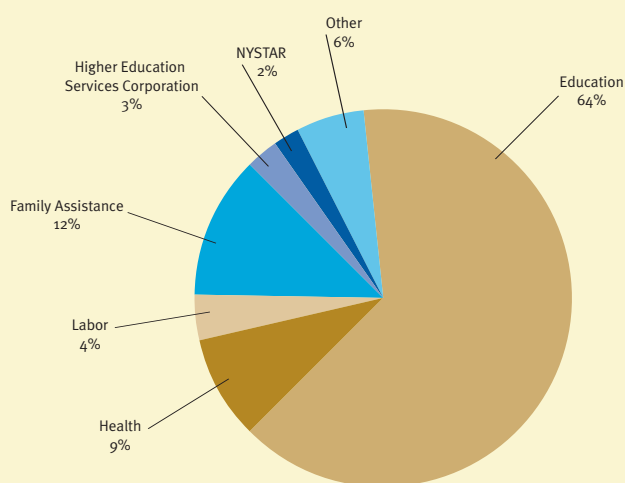
These new job descriptions, which will be available on line beginning July 1, 2005, will ensure internal equity, comply with legal mandates, and furnish managers with the tools to create personnel vacancy notices, to design interviews and training, and to specify performance standards.

Looking Ahead

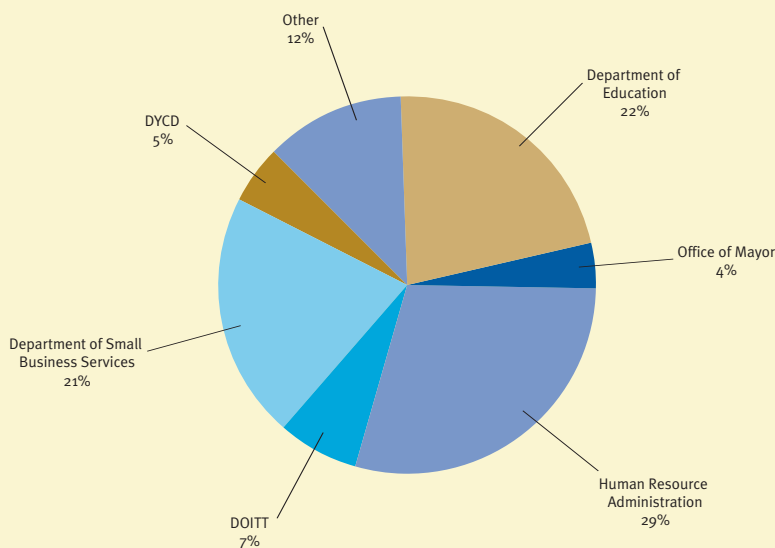
In 2005 and beyond, the task of the Research Foundation will be to consolidate recent gains in system improvements and customer service enhancements, while we continue to innovate with new and better ways of doing business. Settling into our new building, acquiring clients for GrantsPlus, and assisting CUNY in fulfilling its goals will be our chief areas of attention. At the same time, we will remain alert and amenable to opportunities that could enhance our current business or point us in new directions.

As the University seeks to augment substantially its achievements in sponsored programs (as evinced by its commitment to research-active faculty, facilities and other support), the Research Foundation is positioned to provide the post-award administrative infrastructure without which CUNY's aspirations would be unattainable.

NYS Awards by Source | 2004



NYC Awards by Source | 2004



PATENTS

An Alternative to Lie Detector Tests

Ray Johnson, Jr. – Brooklyn College:
Method for detecting deception;
US Patent 6,754,524 B2; US Patent
Application 09/942,050.

Magnetic Nanotubes Fabricated by Magnetic Bacteria

Hiroshi Matsui and Tadashi Matsunaga –
Hunter College: Magnetic nanotubes,
US Provisional Patent 60/554,557

Surfactants with Applications in Dermatology

Milton J. Rosen – Brooklyn College:
Enhancement of the wetting of aqueous
systems of nonionic surfactants on
hydrophobic surfaces via synergy; US
Patent Application 10/318,321 and
10/213,927.

Hospital-Based Integrated Medical Computer Systems for Processing Medical and Patient Information Using Specialized Functional Modules

S. Ahamed – College of Staten Island:
US Patent US6,272,481.

“The Research Foundation has made tremendous strides in the efficiency of its delivery of services to CUNY researchers and RF employees. It provides them with such services as e-time sheets, e-document traces, and direct deposit, while processing 6,000 biweekly payroll checks and 50,000 PAF’s annually. Moreover, the savings resulting from the enhanced efficiency and increased productivity have been returned to the CUNY campuses through significantly lower grant administrative fees.”

Thomas Brennan
Professor, Chemistry
Bronx Community College
RF Board Member

“Improvements in the RFCUNY website make it much easier to navigate to critical and clearly-presented information and a series of improvements in on-line grant management make it much easier and more efficient for researchers to monitor and administer their research grants. Kudos to the Foundation!”

Steven Penrod
Distinguished Professor, Psychology
John Jay College
RF Board Member
Chair, Faculty Advisory Council

A Word About Award Activity

The annual report reflects “award activity” or gross sponsor commitments recorded in the fiscal year. On the other hand, the Grants and Contracts sections of the audited financial statements reflect fiscal year “expenses” on sponsored awards. In many cases, expenses are actually lower than the award activity. The main reason for this would be multi-year awards, which are recorded in their entirety when received but expended over multiple years. The reader will therefore note that the figures in the audited financial statements differ from those in the report narrative and charts because they refer to different measures.

AWARDS BY SOURCE AND PURPOSE | 2004

| Source: | # | Research | # | Training | # | Program Development | # | Institutional Improvement | # | Equipment | # | Student Support Services* | # | Total |
|--------------|------------|-------------------|------------|--------------------|------------|---------------------|------------|---------------------------|----------|----------------|-----------|---------------------------|--------------|--------------------|
| Federal | 238 | 64,003,160 | 41 | 11,185,996 | 51 | 16,988,973 | 17 | 732,851 | 3 | 492,842 | 30 | 26,807,155 | 380 | 120,210,977 |
| State | 11 | 3,093,933 | 86 | 27,271,227 | 25 | 6,659,993 | 21 | 2,171,229 | | | 21 | 2,604,712 | 164 | 41,801,094 |
| City | 19 | 4,141,807 | 86 | 70,068,415 | 16 | 2,596,099 | 6 | 7,255,025 | | | 7 | 1,547,134 | 134 | 85,608,480 |
| Private | 277 | 18,242,528 | 91 | 9,160,846 | 102 | 10,437,479 | 176 | 22,796,770 | 1 | 34,925 | 41 | 6,768,199 | 688 | 67,440,747 |
| PSC-CUNY | | | | | | | | | | | | | | 3,308,990 |
| Total | 545 | 89,481,428 | 304 | 117,686,484 | 194 | 36,682,544 | 220 | 32,955,875 | 4 | 527,767 | 99 | 37,727,200 | 1,366 | 318,370,288 |

*Non-Pedagogical

AWARDS BY SOURCE AND COLLEGE | 2004

| Senior Colleges | # | Federal | # | State | # | City | # | Private | # | Total |
|---------------------------|------------|--------------------|------------|-------------------|------------|-------------------|------------|-------------------|--------------|--------------------|
| Baruch | 7 | 1,089,580 | 1 | 17,427 | 4 | 588,000 | 24 | 1,822,543 | 36 | 3,517,550 |
| Brooklyn | 16 | 3,610,136 | 7 | 474,096 | 3 | 165,213 | 37 | 4,882,450 | 63 | 9,131,895 |
| City | 103 | 27,795,262 | 15 | 2,094,140 | 10 | 1,482,753 | 65 | 5,786,198 | 193 | 37,158,353 |
| College of Staten Island | 20 | 4,859,218 | 13 | 1,831,211 | 3 | 107,135 | 26 | 1,630,588 | 62 | 8,428,152 |
| Graduate School | 29 | 4,781,381 | | | 5 | 439,898 | 71 | 7,411,924 | 105 | 12,633,203 |
| Hunter | 77 | 22,419,982 | 23 | 4,915,171 | 32 | 6,677,244 | 147 | 5,063,797 | 279 | 39,076,194 |
| John Jay | 13 | 4,899,721 | 4 | 1,015,108 | 7 | 378,199 | 21 | 811,308 | 45 | 7,104,336 |
| Lehman | 26 | 8,503,930 | 9 | 1,168,905 | 6 | 596,686 | 46 | 2,993,911 | 87 | 13,263,432 |
| Medgar Evers | 10 | 2,096,358 | 7 | 1,474,232 | 6 | 1,465,174 | 13 | 889,929 | 36 | 5,925,693 |
| NYC College of Technology | 5 | 704,011 | 10 | 2,466,419 | 2 | 32,792 | 9 | 409,652 | 26 | 3,612,874 |
| Queens | 19 | 4,795,712 | 3 | 75,000 | 9 | 648,734 | 99 | 10,480,392 | 130 | 15,999,838 |
| York | 8 | 2,865,247 | 4 | 731,746 | 2 | 202,700 | 17 | 1,526,293 | 31 | 5,325,986 |
| Senior Subtotal | 333 | 88,420,538 | 96 | 16,263,455 | 89 | 12,784,528 | 575 | 43,708,985 | 1,093 | 161,177,506 |
| Community Colleges | | | | | | | | | | |
| Bronx | 11 | 3,294,385 | 16 | 4,360,004 | 6 | 1,136,762 | 14 | 906,582 | 47 | 9,697,733 |
| Hostos | 1 | 124,422 | 4 | 810,609 | | | 6 | 1,324,471 | 11 | 2,259,502 |
| Kingsborough | 3 | 455,500 | 6 | 1,610,935 | 2 | 251,092 | 7 | 665,193 | 18 | 2,982,720 |
| LaGuardia | 12 | 4,131,934 | 11 | 3,048,150 | 6 | 3,238,042 | 11 | 4,267,990 | 40 | 14,686,116 |
| Manhattan | 7 | 1,196,854 | 9 | 2,868,386 | 1 | 221,122 | 5 | 479,927 | 22 | 4,766,289 |
| Queensborough | 2 | 504,741 | 6 | 1,631,796 | | | 7 | 493,511 | 15 | 2,630,048 |
| Community Subtotal | 36 | 9,707,836 | 52 | 14,329,880 | 15 | 4,847,018 | 50 | 8,137,674 | 153 | 37,022,408 |
| CUNY Central* | 11 | 22,082,603 | 16 | 11,207,759 | 30 | 67,976,934 | 63 | 15,594,088 | 120 | 116,861,384 |
| PSC-CUNY Awards | | | | | | | | | | 3,308,990 |
| Total | 380 | 120,210,977 | 164 | 41,801,094 | 134 | 85,608,480 | 688 | 67,440,747 | 1,366 | 318,370,288 |

* Included in the awards of CUNY Central are approximately \$18 million of student financial assistance awards which are administered by the central university accounting office.

AWARDS BY FEDERAL SOURCE AND COLLEGE | 2004

| | # | Education | # | DHHS | # | NSF | # | DOE | # | DOD | # | NASA | # | NEA/NEH | # | Other | | Total |
|---------------------------|-----------|-------------------|------------|-------------------|-----------|-------------------|-----------|------------------|-----------|------------------|-----------|------------------|----------|----------------|-----------|------------------|------------|--------------------|
| | | | | | | | | | | | | | | | | Federal | # | |
| Senior Colleges | | | | | | | | | | | | | | | | | | |
| Baruch | 1 | 176,837 | 1 | 253,500 | 5 | 659,243 | | | | | | | | | | | 7 | 1,089,580 |
| Brooklyn | 2 | 674,417 | 9 | 2,176,134 | 4 | 739,647 | | | 1 | 19,938 | | | | | | | 16 | 3,610,136 |
| City College of | 6 | 1,503,679 | 27 | 10,414,963 | 29 | 6,937,399 | 7 | 756,880 | 13 | 2,607,724 | 9 | 954,150 | | 12 | 4,620,467 | 103 | 27,795,262 | |
| Staten Island | 4 | 2,067,258 | 6 | 1,475,764 | 6 | 819,096 | | | 3 | 344,386 | | | | | | | 20 | 4,859,218 |
| Graduate School | 3 | 243,831 | 10 | 1,573,571 | 11 | 2,418,226 | | | | | | | 4 | 406,753 | 1 | 139,000 | 29 | 4,781,381 |
| Hunter | 10 | 1,578,165 | 40 | 17,078,144 | 13 | 2,366,046 | 3 | 461,000 | 6 | 549,640 | 1 | 80,000 | | 4 | 306,987 | 77 | 22,419,982 | |
| John Jay | 7 | 1,891,276 | 2 | 1,735,839 | 2 | 625,480 | | | | | | | | 2 | 647,126 | 13 | 4,899,721 | |
| Lehman | 10 | 3,976,307 | 5 | 2,909,661 | 7 | 931,639 | 1 | 50,000 | 1 | 35,873 | | | 1 | 450 | 600,000 | 26 | 8,503,930 | |
| Medgar Evers | 5 | 1,425,563 | 2 | 249,212 | | | | | | | 3 | 421,583 | | | | 10 | 2,096,358 | |
| NYC College of | | | | | | | | | | | | | | | | | | |
| Technology | 2 | 495,978 | 1 | 172,064 | 1 | 9,239 | | | | | | | | | | | 5 | 704,011 |
| Queens | 2 | 669,758 | 6 | 2,231,407 | 6 | 1,005,546 | | | 2 | 331,676 | | | | 3 | 557,325 | 19 | 4,795,712 | |
| York | 4 | 1,187,519 | 1 | 1,197,645 | 1 | 400,000 | | | 1 | 58,326 | | | | 1 | 21,757 | 8 | 2,865,247 | |
| Senior Subtotal | 56 | 15,890,588 | 110 | 41,467,904 | 85 | 16,911,561 | 11 | 1,267,880 | 27 | 3,947,563 | 13 | 1,455,733 | 5 | 407,203 | 26 | 7,072,106 | 333 | 88,420,538 |
| Community Colleges | | | | | | | | | | | | | | | | | | |
| Bronx | 5 | 2,109,703 | 2 | 132,500 | 2 | 463,826 | 1 | 481,000 | | | | | | | | | 1 | 107,356 |
| Hostos | | | | | 1 | 124,422 | | | | | | | | | | | 1 | 124,422 |
| Kingsborough | 1 | 223,274 | 1 | 188,226 | | | | | | | 1 | 44,000 | | | | | 3 | 455,500 |
| LaGuardia | 9 | 3,785,180 | | | 1 | 199,935 | | | 1 | 122,247 | | | 1 | 24,572 | | | 12 | 4,131,934 |
| Manhattan | 6 | 950,856 | 1 | 245,998 | | | | | | | | | | | | | 7 | 1,196,854 |
| Queensborough | 1 | 290,292 | 1 | 214,449 | | | | | | | | | | | | | 2 | 504,741 |
| Community Subtotal | 22 | 7,359,305 | 5 | 781,173 | 4 | 788,183 | 1 | 481,000 | 1 | 122,247 | 1 | 44,000 | 1 | 24,572 | 1 | 107,356 | 36 | 9,707,836 |
| CUNY Central* | 3 | 18,145,781 | | | 4 | 2,472,044 | | | | | | | | | | | 4 | 1,464,778 |
| Total | 81 | 41,395,674 | 115 | 42,249,077 | 93 | 20,171,788 | 12 | 1,748,880 | 28 | 4,069,810 | 14 | 1,499,733 | 6 | 431,775 | 31 | 8,644,240 | 380 | 120,210,977 |

* Included in the awards of CUNY Central are approximately \$18 million of student financial assistance awards which are administered by the central university accounting office.

AWARDS BY PURPOSE AND COLLEGE | 2004

| | Research | | Training | | Program Development | | Institutional Improvement | | Equipment | | Student Support Services** | | Total | |
|---------------------------|------------|-------------------|------------|--------------------|---------------------|-------------------|---------------------------|-------------------|-----------|------------------|----------------------------|-------------------|--------------|--------------------|
| | # | | # | | # | | # | | # | | # | | | |
| Senior Colleges | | | | | | | | | | | | | | |
| Baruch | 22 | 2,111,465 | 1 | 39,647 | 6 | 903,303 | 5 | 364,192 | 1 | 81,516 | 1 | 17,427 | 36 | 3,517,550 |
| Brooklyn | 38 | 4,758,820 | 14 | 2,647,165 | 4 | 489,603 | 6 | 911,890 | | | 1 | 324,417 | 63 | 9,131,895 |
| City College of | 135 | 26,669,337 | 22 | 2,272,311 | 24 | 5,183,514 | 5 | 1,156,595 | 1 | 353,000 | 6 | 1,523,596 | 193 | 37,158,353 |
| Staten Island | 32 | 3,419,111 | 8 | 1,747,501 | 5 | 823,022 | 12 | 2,069,131 | 1 | 34,925 | 4 | 334,462 | 62 | 8,428,152 |
| Graduate School | 50 | 6,439,325 | 4 | 209,249 | 12 | 1,627,332 | 33 | 3,936,811 | | | 6 | 420,486 | 105 | 12,633,203 |
| Hunter | 139 | 25,359,639 | 65 | 8,985,458 | 45 | 2,681,471 | 19 | 557,275 | | | 11 | 1,492,351 | 279 | 39,076,194 |
| John Jay | 14 | 1,225,114 | 12 | 2,118,996 | 6 | 2,377,865 | 7 | 61,143 | | | 6 | 1,321,218 | 45 | 7,104,336 |
| Lehman | 11 | 3,425,939 | 33 | 5,588,636 | 15 | 2,380,004 | 20 | 898,928 | | | 8 | 969,925 | 87 | 13,263,432 |
| Medgar Evers | 7 | 921,769 | 5 | 872,348 | 8 | 734,228 | 7 | 1,355,029 | | | 9 | 2,042,319 | 36 | 5,925,693 |
| NYC College of | | | | | | | | | | | | | | |
| Technology | 2 | 38,713 | 13 | 2,515,215 | 3 | 540,968 | 5 | 398,356 | | | 3 | 119,622 | 26 | 3,612,874 |
| Queens | 62 | 8,671,002 | 17 | 1,091,770 | 4 | 178,562 | 44 | 5,205,148 | | | 3 | 913,356 | 130 | 15,999,838 |
| York | 6 | 1,315,221 | 7 | 1,191,006 | 6 | 795,916 | 8 | 1,000,157 | 1 | 58,326 | 3 | 965,360 | 31 | 5,325,986 |
| Senior Subtotal | 518 | 84,355,455 | 201 | 29,219,302 | 138 | 18,715,788 | 171 | 17,914,655 | 4 | 527,767 | 61 | 10,444,539 | 1,093 | 161,177,506 |
| Community Colleges | | | | | | | | | | | | | | |
| Bronx | 9 | 1,441,406 | 19 | 4,818,787 | 12 | 2,469,688 | 3 | 222,189 | | | 4 | 745,663 | 47 | 9,697,733 |
| Hostos | 1 | 124,422 | 3 | 1,052,889 | | | 3 | 467,959 | | | 4 | 614,232 | 11 | 2,259,502 |
| Kingsborough | 4 | 264,075 | 4 | 1,363,464 | 3 | 483,592 | 4 | 398,450 | | | 3 | 473,139 | 18 | 2,982,720 |
| LaGuardia | 4 | 594,240 | 22 | 6,989,380 | 10 | 5,811,689 | 2 | 910,121 | | | 2 | 380,686 | 40 | 14,686,116 |
| Manhattan | 1 | 61,000 | 11 | 3,151,149 | 6 | 690,730 | 1 | 317,709 | | | 3 | 545,701 | 22 | 4,766,289 |
| Queensborough | 3 | 253,021 | 6 | 1,411,935 | 3 | 454,689 | 2 | 220,111 | | | 1 | 290,292 | 15 | 2,630,048 |
| Community Subtotal | 22 | 2,738,164 | 65 | 18,787,604 | 34 | 9,910,388 | 15 | 2,536,539 | 17 | 3,049,713 | 17 | 3,049,713 | 153 | 37,022,408 |
| CUNY Central*** | | | | | | | | | | | | | | 3,308,990 |
| PSC-CUNY Awards* | 5 | 2,387,809 | 38 | 69,679,578 | 22 | 8,056,368 | 34 | 12,504,681 | | | 21 | 24,232,948 | 120 | 116,861,384 |
| Total | 545 | 89,481,428 | 304 | 117,686,484 | 194 | 36,682,544 | 220 | 32,955,875 | 4 | 527,767 | 99 | 37,727,200 | 1,366 | 318,370,288 |

* Support provided by the Professional Staff Congress—City University of New York (PSC - CUNY) for faculty research supplementing funds available from external sources.

** Non-Pedagogical

*** Included in the awards of CUNY Central are approximately \$8 million of student financial assistance awards which are administered by the central university accounting office.

“ In the last few years, the Research Foundation has instituted a continuous stream of advanced easy-to-use e-services. These have largely liberated researchers from time-consuming reporting and record keeping functions as it placed key information at their fingertips. I expect that the move to a new home for the RF and the marketing of its services to other non-profit institutions will further reduce average operating costs and lead to further efficiencies. In every way, the RF functions as a model organization in providing post-award services.”

Azriel A. Genack
Distinguished Professor, Physics
Queens College
RF Board Member

“ As a CUNY researcher, I am pleased to note the tremendous improvements in service we in the field receive via the electronic tracking and documents now available for payroll, purchasing and travel. The RF has diligently striven to upgrade their resources and they have succeeded!! Research activities have increased significantly during my 30 plus year at CUNY. The recent faculty hires have energized many of us and I am increasingly confident about the prospects for the future.”

Fred R. Naider
Distinguished Professor, Chemistry
College of Staten Island
RF Board Member

Highlights



Daniel Akins | Professor
The City University of New York, Chemistry
Molecular Nanomaterials for Device Applications

Daniel L. Akins is the project director of a recently awarded, three year grant (\$490,000) by the Army Research Office entitled Molecular Nanomaterials for Device Applications. The term nanomaterials relates to materials of a size range larger than a typically small atom, but much smaller than the typical bacterium. Indeed, “nano” in nanomaterials derives from the length dimension “nanometer,” which refers to a dimension of one billionth of a meter; about 1/80,000 the diameter of a human hair. This research project involves two areas of highly multidisciplinary research conducted by Professor Akins of the Department of Chemistry of The City College of New York and Professor Yoke Khin Yap of the Department of Physics of Michigan Technological University. Professor Akins’ efforts involve molecular nanomaterials and devices that can be formulated with such materials. The types of systems to be studied are typically (1) single molecules or aggregates of single molecules adsorbed onto surfaces such as nanometer sized spherical particles or flat surfaces, (2) composite

materials consisting of molecules, nanometer sized spherical or elongated semiconductor particles (i.e., quantum dots or quantum wires, respectively) encapsulated within the pores of molecular sieve materials, and (3) ordered large arrays of such particles (i.e., superlattices) spontaneously formed on flat substrates. Such systems are anticipated to have a broad range of applications, including highly luminescent nano-dimensioned elements for flat-panel displays and as highly chemical-sensitive nanomaterials that serve as the active agents in chemical sensors. The other research focus, directed by Professor Yoke Khin Yap, will involve synthesis and characterization of so-called multiwall carbon nanotubes (MWNTs; i.e., concentric carbon tubes involving tubes with a range of nanometer diameters), as well as examining their uses as conducting wires, the latter representing indispensable elements in any current-driven nanometer size device.



Robert Alfano | Distinguished Professor of Science and Engineering at City College
Director, The City University of New York State Center for Advanced Technology
University Management, Office of Academic Affairs; The City University of New York State Center for Advanced Technology

Photonics research studies tiny particles, called photons, of which light is composed. This is a major initiative at The City University of New York. Three decades ago Dr. Robert R. Alfano discovered the supercontinuum, which is a multi-colored laser light that has many of the same desirable properties as conventional laser light of a single pure color. Since that seminal discovery, Dr. Alfano has become a world leader in photonics, ultrafast lasers and biomedical spectroscopy and imaging. Dr. Alfano is Distinguished Professor of Science and Engineering at CCNY and heads The City University’s New York State Center for Advanced Technology in Photonics Applications (CUNY-CAT), which was recently renewed by the New York State Office of Science, Technology and Academic Research (NYSTAR). The Center, which includes faculty and research facilities at several CUNY senior colleges, will receive \$10 million over the next ten years. He also heads CCNY’s Institute for Ultrafast Spectroscopy and Lasers (IUSL); the NASA Center for Optical Sensing and Imaging; and the Department of Defense (DOD) Center for Nanoscale Photonic Emitters and Sensors.

Established in 1993, the CUNY-CAT focuses on utilizing research in areas ranging from non-invasive cancer imaging and diagnostics to nanoscale photonic materials, and transfers the technology to its industry partners for development. Dr. Alfano created the field of optical biopsy that together with optical mammography, will be new frontiers in medicine. The CUNY-CAT is part of a major initiative by New York State to encourage economic development through increased cooperative between industry and New York’s research universities. The Center is presently focusing its applied research capabilities on areas that improve human health and contribute to homeland security. Key photonic technologies include: optical medical diagnostics and compact photonic devices, optical imaging, laser development and ultrafast laser technology, optical semiconductor and nanoscale materials and devices, biological sensing and processes, and optical computing and communications. The newest areas of concentration are optical detection of biological and chemical hazards and development of nanoscale materials for quantum computing, biomedical and military applications.



Thomas Brennan | Associate Professor
Panayiotis Meleties | Associate Professor
Bronx Community College, Chemistry and Chemical Technology
Pharmaceutical Manufacturing Technology

Bronx Community College, under the sponsorship of the Department of Chemistry and Chemical Technology, has been awarded a \$694,513 grant from the National Science Foundation (NSF) to develop an Associate in Applied Science degree program in Pharmaceutical Manufacturing Technology (PMT). This program is designed to prepare students with the necessary skills and knowledge for entry level technician positions in the pharmaceutical and related chemical industries. It will help attract into technical and scientific fields minorities and female students who traditionally are underrepresented, especially in the pharmaceutical workforce. The Pharmaceutical Manufacturing Technology program has been approved by the New York State Board of Education. The primary goal of this program is to prepare and graduate students with the technical skills and science expertise to work as technicians in the pharmaceutical and chemical industries and other research and related institutions and commercial enterprises. Chemical and Pharmaceutical Technicians work in manufacturing, research and development, and quality control and quality assurance departments of pharmaceutical, cosmetics, and related chemical industries. The work environment requires technicians to use and operate modern labo-

ratory instruments, and to be well trained in computer methods, safety protocols and federal and state government regulations.

Five specialized courses have been designed and developed to train students and provide them with the technical and communication skills required for employment in research and industry. Faculty training workshops, college student internships, and high school faculty and student enrichment activities are also supported by this NSF project. Bronx Community College students have presented at poster sessions at the national ATE/NSF conference in Washington D.C., and have attended regional American Chemical Society meetings, and regional pharmaceutical related conferences and meetings. Sixteen Bronx Community College students have completed eight-week internships at industrial sites through support of the program. Chemistry and science teachers from collaborating high schools participate in faculty development workshops held regularly at the College. As part of the Department's outreach and recruitment efforts, chemistry faculty make presentations to high school science faculty at high schools and at high school teacher conferences. High school students also participate in enrichment activities at the College throughout the academic year.



Patricia Brooks | Associate Professor
The College of Staten Island, Psychology
Research in Language Acquisition and Processing

Dr. Brooks' research addresses the development of language processing skills in children acquiring a first language, and in adults acquiring a second language. One line of work addresses how specific features of the input (e.g., the simplified and repetitive forms present in child-directed speech) can facilitate language learning. This research has examined the role of distributional properties of the input in the acquisition of morphology and syntax. One series of studies, conducted in collaboration with Professor Vera Kempe (SUNY-Oswego), showed how regularity in word endings aids in word segmentation (i.e., the ability to parse words from a continuous speech stream), and in the acquisition of noun gender categories and declensions. Another series of experiments explored types of information (so called 'indirect negative evidence') available in the input, which enable children to avoid overgeneralization errors (i.e., the production of unconventional uses of verbs such as "don't giggle me"). This work demonstrated that

young children register information about the frequency of occurrence of individual verbs in specific verb argument structure constructions, and form subclasses of verbs that have similar distributional characteristics.

A second line of investigation examines word production and comprehension mechanisms in both children and adults using real-time measures of processing (e.g., reaction times and eye movements to pictures). The work has uncovered developmental changes in phonological processes related to preparing word forms for speech output, and in the efficiency of suppression mechanisms essential to general comprehension skill. This research is now being extended to understand the specific patterns of language breakdown occurring in patients with Alzheimer's disease, and in children with language disabilities. Professor Brooks has received funding totaling \$174,000 for her research from the National Institutes of Health, a CUNY Collaborative Incentive Grant, and a PSC/CUNY Award.



Barbara Carlson | Executive Director
New York City Early Childhood Professional Development Institute
 University Management, Office of Academic Affairs
 NYC Early Childhood Professional Development

The NYC Early Childhood Professional Development Institute is a unique public/private partnership that brings together City agencies, private funders, and the nation's largest urban university to coordinate training and career development services for the more than 53,000 individuals who work with young children in New York City. The Institute's founding partners are the Child Care and Early Education Fund (a collaboration of private and public funders dedicated to improving child care in New York City), the New York City Administration for Children's Services, the New York City Human Resources Administration, the New York City Department of Education, and The City University of New York.

The Institute serves all types of early childhood professionals, including licensed teachers in school and community settings, teachers pursuing their permanent license, center directors and administrators, registered family child care providers along with Head Start teachers and staff. The goal of the Institute is to ensure that early child educators and childcare providers in New York City have access to a comprehensive system of training and professional development that supports high quality services for children and their families. The major tasks of the Institute are to develop a website and related print materials geared toward individuals already working in the early childhood area. The website will include information on: career paths, college/university degree and non degree programs, other relevant training; financial aid information; offer guidance

focused on career ladders and structured professional development pathways; develop a citywide articulation plan among private and public institutions of higher education; assess the training needs of early childhood professionals; facilitate filling identified gaps and focus public attention on the critical importance of professional development and its key role in creating a unified system of high quality early childhood in New York City. The Institute website, www.earlychildhoodnyc.org, was launched in March 2005. An important component of the Institute is the HRA/CUNY Informal Family Child Care ("IFCC") Training Project. The ultimate goal of the project is to help the city's informal child care providers develop the skills necessary to improve within their homes. The major tasks of this project are to: complete a comprehensive needs assessment; develop a Citywide Training and Support Plan for informal family child care providers; and in years two and three of the project, introduce support, training and networking opportunities to informal family childcare providers who receive HAR funds. The IFCC project's major accomplishments over the first two years include the establishment of the NYC Informal Family Child Care Advisory Panel; production of instructional videos on the "Subsidy Payment System" and "Community Resources". The development of a grant program to fund community based Peer Support Activities for informal family child care providers including grantee technical assistance in the areas of adult and family literacy, leadership development, facilitation, and child development. Both the Institute and the IFCC are funded by HRA, the Institute at \$350,000 through June 2006, and the IFCC at \$497,000 annually through June 2005, pending renewal through 2008.



Edward Catapane | Professor/Chairperson
Medgar Evers, Biology
 Bridges to the Baccalaureate Program

The Medgar Evers/Kingsborough Bridge Program received a \$60,000 three-year grant from the National Institutes of Health. The Bridge Program works to establish an educational environment and mechanism to increase the number and quality of undergraduate students completing an Associate Degree in Science who then continue to the Bachelor's level with an ultimate aim of entering a career in biomedical research. The Bridge Program aims to actively promote the academic success of minority students by establishing a two-year long intervention and enrichment program using the combined resources of Medgar Evers College and Kingsborough Community College. A number of faculty members from both CUNY colleges are actively involved in meeting the goals and

objectives of this project. Dr. Edward Catapane, the Principal Investigator for this project, is presently a Professor and the Chair of the Department of Biology at Medgar Evers College. Dr. Catapane joined Medgar Evers in 1975 and has been the program director or a participant in many grant funded programs, including the Minority Access to Research Careers (MARC), Minority Biomedical Research Support (MBRS) and Bridges to the Baccalaureate programs of NIH. Dr. Catapane has been successful in securing more than \$3 million in research training grant support. His research interests focus on understanding the functions of biogenic amines and neuropeptides in invertebrate mollusks. In recent times, Dr. Catapane has been studying the effects of heavy metal and organic pollutants on the neurobiology, neuroendocrinology and cellular biology of oysters.



Todd Clear | Distinguished Professor
John Jay College of Criminal Justice, Ph.D. Program in Criminal Justice
Public Perception and Impact of Concentrated Incarceration

A 1998 paper in the journal *Criminology*, written by Dina Rose and Todd Clear, argued that high levels of incarceration concentrated in impoverished communities should be expected to lead to higher, not lower, crime. With a small grant from the Open Society Institute, Rose and Clear empirically tested the theory by studying neighborhood-level patterns of incarceration and crime between 1996 and 1997, in Tallahassee, Florida. Their findings were reported in a 2002 issue of *Justice Quarterly*. The Open Society Institute and the JEHT Foundation then jointly funded a national-scope project in the amount of \$380,000, to establish the body of evidence on the neighborhood level effects of high volumes of incarceration. This research consortium, of which Professor Clear is Principal Investigator, supports the work of research teams working in ten cities around the country, each investigating a different aspect

of the way incarceration affects community life. The central findings of these studies are that both the removal of residents to prison and their later reentry destabilize community life. Indicators include: increased rates of sexually transmitted diseases, increased teen-age births, reduced property values, decreases in voter participation, increased fear of crime, higher rates of juvenile delinquency, and increases in crime rates. These findings suggest that growing rates of incarceration have themselves become a public safety problem confronting poor neighborhoods.



Daisy Cocco De Flippis | Project Director
Hostos Community College, Academic Affairs and Administration and Finance
Title V: Shifting the Paradigm on Teaching and Learning to Improve Student Success

Funding for a five-year, \$2.5 million Department of Education Title V grant will allow Hostos Community College to take a three-prong approach to improving student retention and graduation. The coordinated approaches for this program are threefold. These are: 1) Integrate and redefine institutional information management systems. Hostos will create the Learner, Educator and Administration Portal (LEAP), a campus-wide information management system that will integrate the Hostos information management database, and provide consistent access so that students, faculty, and administrators are interacting seamlessly to identify solutions to student educational challenges. 2) Retool student learning supports. Through the Hostos Academic Learning Center (HALC), the college will implement a College Preparatory Academy that will operate during summer and winter inter-sessions and on Saturdays during the academic year. This enrichment academy will provide academic learning to support basic skills, strengthen college readiness, and improve

their academic literacy. 3) Increase faculty leadership in curricular revitalization and innovation on campus. Faculty will have the opportunity to participate in a Faculty Development Series, where they will be competitively selected to engage in seminars designed to support their development of curriculum innovations to be implemented on campus. Faculty with the most innovative ideas will be selected for Innovation Awards, which will support the development and implementation of these innovations on campus.



Susan Croll | Assistant Professor
Queens College, Psychology
Raynaud's Phenomenon to Scleroderma: Neurotrophic Factors

A family of proteins called neurotrophic factors are responsible for the growth and survival of neurons during development, and for maintaining adult neurons. Neurotrophic factors also are capable of making damaged neurons regrow in a test tube and in animal models. This makes them ideal for studying human diseases such as developmental disorders, as well as neurodegenerative and neuromuscular related pathologies such as Raynaud's Phenomenon and Scleroderma. Raynaud's Phenomenon is a medical condition in which circulation is severely restricted to areas of the body exposed to cold. While most people with Raynaud's Phenomenon never suffer anything more than mild blanching of their extremities, minor pain and occasional sores, some patients go on to develop serious diseases, such as Scleroderma or Systemic Lupus. It is currently unknown what factors cause the conversion from the fairly innocuous Raynaud's into life-threatening connective tissue disease like Scleroderma.

Professor Croll's study of neurotrophic factors has led to the timely discovery that the neurotrophic factor BDNF, when combined with an inhibitor of another neurotrophic

factor, NGF, resulted in vascular abnormalities similar to those seen in serious connective tissue diseases, including inflammation and edema in the region of blood vessels. Because NGF is a potent growth factor for the sympathetic nervous system, it is theorized that the NGF antagonist was causing sympathetic damage. The laboratory found that surgical removal of sympathetic nervous system cell bodies, when combined with BDNF, causes the same pattern of vascular inflammation. When damaged, the sympathetic nervous system sometimes shows a compensatory overfiring (as in Raynaud's). To determine if this overfiring was leading to the phenomenon, Dr. Croll treated animals with the sympathetic neurotransmitter norepinephrine in combination with BDNF. This treatment, like the others, resulted in vascular inflammation, suggesting that the combination of sympathetic compensatory overfiring plus BDNF leads to vascular and inflammatory pathology. It was hypothesized that those patients with sympathetic compromise and high levels of BDNF are at risk for developing the more serious diseases. The Scleroderma Foundation's award of \$50,000 will allow Dr. Croll to more clearly elucidate the relationship between the sympathetic nervous system, vascular inflammation, and neurotrophic factors in the development of life-threatening inflammatory disease.



Feridun Delale | Professor
The City College, Mechanical Engineering
Reform of the Mechanical Engineering Program at City College

The scope of this project is to reform the Mechanical Engineering Program at City College and to develop a curriculum that can serve as an example to other institutions. The reform effort has three components, each designed to correspond to a current trend in the mechanical engineering profession. These are: a) incorporation of emerging technologies such as Microelectromechanical Systems (MEMs), Advanced Materials, Computer Aided Engineering (CAE), Intelligent Systems/Electronics, Biotechnology, Nanotechnology and Nontraditional Energy into the curriculum; b) new teaching methodologies focused on student learning; and c) enhanced efforts at recruitment and retention of students to help increase the emerging technological workforce for industry.

All three elements of reform are planned to reinforce one another. A distinguishing feature of this project is the collaboration with the American Society of Mechanical Engineers (ASME), which as the premier organization of the mechanical engineering profession can provide meaningful feedback on the impact of the curriculum reform on the practice of engineering. The reform plan is being implemented in phases. During the Fall 2004 semester several courses are being taught according to the new format and a new course entitled Micro/Nano Technology: Mechanics, Materials, and Manufacturing was introduced. Feedback is being collected to evaluate the impact and efficiency of the reform effort. The National Science Foundation has awarded the project \$1.5 million for a three-year period.



Joan Delaloye | University Coordinator for POISED for Success

Linda Arnold | University Coordinator for POISED at Home

University Management, Office of Academic Affairs

Perfect Opportunity for Individual Skills and Educational Development (POISED) for Success Program

The Perfect Opportunity for Individual Skills and Educational Development (POISED) for Success Program was launched as a collaboration between CUNY and the City of New York Human Resources Administration (HRA). POISED is funded at an annual level of \$4.2 million. Designed as an educational option to workfare for pregnant women and mothers with very young children who were receiving public assistance benefits, POISED helps participants develop their academic, parenting and vocational skills, acquire computer and internet proficiency, learn about women's health and child development, and plan for entry or re-entry into employment. Services are offered via 3 components; POISED I, which offers classes for 35 hours per week for 13 weeks; POISED II which offers on-campus work experience and job placement assistance for up to 13 additional weeks; and POISED at Home, which

was inaugurated in 2002 to serve women who are in advanced pregnancy or have very young infants. Approximately 1,500 participants per year attend the program at Bronx Community, City or Medgar Evers College. At each campus there is a team of teachers, counselors, parenting and health specialists, computer instructors, office and retention support personnel, as well as social workers and in-home teachers in POISED at Home program. Several of the staff are POISED alumna, and about a quarter of the staff have been with the program since its inception. Because of this program, hundreds of participants improve their lives by upgrading their academic and technical skills, improve their parenting skills, earn their GED, enroll in college, and/or find employment.



Andrew Delamater | Associate Professor

Brooklyn College, Psychology

Research Into Pavlovian Learning

Pavlovian conditioning is a basic associative learning process whereby organisms come to learn about various relationships among events they encounter in their life. For example, when we learn to associate dark clouds with rain, favorite songs with a specific nostalgic event that happened in our lives many years ago, or a particular fragrance with a certain someone who we know; we are relying on basic Pavlovian processes. An interesting picture that seems to be emerging in recent years is that basic Pavlovian processes are at work in essentially similar ways across a wide range of problems that animals face and across a wide range of animal species (including humans).

One interesting approach to the study of Pavlovian learning regards it as a simple form of learning capable of illustrating how organisms learn to attach "meaning" to stimuli that initially lacked any such significance. Professor Delamater's research involves investigating the conditions under which stimuli may acquire and lose new emotional and cognitive significance. Rat subjects are most often used and they are taught to anticipate different types of food when physically different stimuli (like a brief tone or light) are presented. As the animal learns to use the stimuli as signals for the delivery of different types of foods, it is possible to probe more deeply the content of what they

have learned. For example, the research considers whether the stimuli make the animals "think" about a specific food (by activating a specific representation of that food in its absence), whether the stimuli make them simply feel good and excited that some food will be forthcoming (without knowing what the specific good thing is), or whether they merely learn to respond in a particular way when the stimulus comes along (without being particularly thoughtful or emotional about it). The results of Professor Delamater's work suggest that the animals are capable of forming new specific expectations about foods under a much wider array of conditions than was previously thought, and that once acquired these new cognitions never seem to be lost. Currently, the research has led to asking whether learning about the emotional attributes of foods may also occur under the same set of conditions as learning occurs with more cognitive components (i.e., the sensory and perceptual qualities) of food. Professor Delamater is working with the hypothesis that "cognitive" and "emotional" learning may obey different rules for their acquisition and loss, and may, therefore, rely upon different underlying neural systems. If this is the case, then the extent to which these two systems are independent of one another or interdependent becomes of interest to explore. The National Institutes of Health has funded the research for three-years at \$620,000.



Mona Fabricant | Professor
Sandra Peskin | Lecturer
Queensborough Community College, Mathematics and Computer Science
Adding the Numbers Up: TimeQCC

Professor Mona Fabricant and Lecturer Sandra Peskin, of Queensborough Community College's Department of Mathematics and Computer Science, presented "Preparing Tomorrow's Teachers: The Role of the Community College" last summer at the 10th International Congress on Mathematical Education (ICME-10), held in Copenhagen, under the auspice of ICMI (International Commission on Mathematical Instruction). The subject of their talk, the TIMEQCC program, created by Dr. Fabricant and Ms. Peskin was in response to the growing demand for qualified mathematics teachers in middle and high schools in the United States. TimeQCC has three components: internships, an interdisciplinary course, and peer mentoring. From Queensborough, students transfer to Queens for their four-

year degree. TIMEQCC, which includes flexibility in scheduling, student bonding in a first-term interdisciplinary seminar, working in the Mathematics Learning Center, and monthly meetings with the directors, has shown promising results. The transfer process does remain a challenge. Since the first TIMEQCC student who transferred to Queens College reported that the transition was difficult because she was joining a group that had already formed friendships and bonds, students now will receive peer-mentoring by students in the TIME2000 mathematics-education program at Queens College as well as counseling sessions with the Queens College faculty advisors. The National Science Foundation has provided \$105,000 for this project.



Ertan Hector Feria | Professor
The College of Staten Island, Engineering Science and Physics
Knowledge-Aided Sensor Signal Processing and Expert Reasoning (KASSPER)

The mission statement of the Special Projects Office (SPO) of the Defense Advanced Research Projects Agency (DARPA), the sponsor of the profiled investigation is "the research, development, demonstration, and transition of technologies focused on addressing present and emerging national challenges." The national challenge is the demonstration of a high performance embedded computing architecture capable of integrating high-fidelity environmental "prior knowledge," e.g., satellite imagery, into the most computationally demanding modern "radar subsystem." The name that the Special Projects Office has assigned to this effort is Knowledge-Aided Sensor Signal Processing and Expert Reasoning (KASSPER). To improve the KASSPER undertaking a nascent technology, namely "compression," was selected. Over the last two decades compression, synonymous with "efficiency," has emerged into a powerful "enabling technology" that promises enormous advancements in a triad, namely the efficient storage (or representation), processing, and control of information. Using the latest available compression ideas, inclusive of a predictive

transform (PT) architecture and methodology pioneered by Professor Feria and expanded on by his students and others, preliminary results have already been derived.

More specifically, it has been shown that without a noticeable degradation in system performance, a saving in the storage of prior knowledge of several orders of magnitude is indeed possible. Furthermore, the design of a novel and highly efficient predictive transform radar subsystem has been achieved. The preliminary successful application of compression schemes to important real-world practical problems such as KASSPER bodes well for their future use throughout the vast uncharted sea of information storage, processing, and control problems that surround us. These uses are not only confined to the design and implementation of efficient artificial systems, but also relate to the study of organisms, whose ability to survive in limited resources environments could, perhaps, only be explained using compression formulations. Professor Feria's work is funded by a \$300,000 award from the Defense Advanced Research Projects Agency.



Bonnie Gerstein | Assistant Professor
Queens College, Chemistry
Boron Carbide Nanowire Growth for Use in Lightweight Body Armor

The Army Research Laboratory has provided \$60,000 in funding for a project in Dr. Gersten's laboratory on the synthesis and consolidation of Boron Carbide nanowires and nanoparticles. Boron Carbide (B_4C) is of great interest to the Army for lightweight body armor. Typically, Boron Carbide is a very strong, hard material similar to diamond and in addition it is light-weight similar to Carbon. It is being considered as a ceramic armor for military applications. Unfortunately, B_4C is also a brittle ceramic and therefore cracks easily. The cracks propagate through the material causing the fracturing of the consolidate. The research is focused on the improvement of the material's toughness by adding nanowires of material to a nanostructured consolidate to deflect cracks. However, nanowires of

B_4C are difficult to produce in high quantity. To improve the yields of B_4C , Dr. Gersten studies the growth rates by a combinatorial optimization of heterogeneous catalysts for the growth of B_4C using a chemical vapor deposition synthesis method. Various compositions of substrate surface (e.g. quartz, Si, Ir, Pt, or Cr), as well as metal catalysts (e.g. Co, Fe, Ni, Si) will be evaluated for qualitative deposition of B_4C using a scanning electron microscope (SEM). The metal catalyst will be deposited by a microarrayer or deposited onto the substrate through a mask to vary the composition of the catalyst. The fastest B_4C growth will be evaluated for its purity and stoichiometry with x-ray diffraction, transmission electron microscopy, and electron diffraction.



Nancy Griffeth | Professor
Lehman College, Mathematics and Computer Sciences
Interoperability Testing of Computer Networks

Professor Nancy Griffeth has worked in computer science teaching and research for 28 years, in both universities and industrial labs. She has published numerous articles on databases and distributed systems. In September 2003, she joined the Department of Mathematics and Computer Science of Lehman College (CUNY) as a full professor. In 2004, Professor Griffeth received a \$427,000 grant from the National Science Foundation. The NSF project will address the problem of demonstrating empirically that a complex network does what it is designed to do. The project includes not only development of algorithms and tools for modeling networks under test conditions and generating executing test cases but also laboratory experiments carried out by students. This research addresses a problem that is affecting almost all businesses and many homes in the United States today: Is the network working correctly and how can a user know that it is working correctly? The goals are to develop fundamental principles of network interoperability testing and to use these principles to develop methodology and tools for cost-effective testing of complex networks.



Derrick Griffith | Principal
University Management, Office of Academic Affairs
CUNY Prep

Perhaps nothing highlights the challenges facing educators in New York City more than the fact that many thousands of students fail to complete high school. CUNY has embarked on a pilot effort, in cooperation with the NYC Department of Education and with substantial funding from the New York City Department of Youth and Community Development, to reach out to those who have left school and bring them back so that they can earn a high school diploma. Under the leadership of Mr. Derrick Griffith, CUNY Prep, which is in the Bronx, offers a full-time program of college preparatory study for out-of-school youth between the ages 16 and 18. This mission of this school is to educate and graduate students so that they can begin college with a high school equivalency diploma. CUNY Prep is a small, but important example of student success. Its faculty and staff fundamentally believe that success is possible, even for those with checkered educational pasts. This

school is funded on an annual basis, and received \$2.4 million in FY 04. CUNY looks forward to sharing the lessons it has learned and working with others to develop effective responses to the needs of high school dropouts. Derrick Griffith began his professional career as a Social Studies Teacher in the public schools of Rochester, New York. In June of 2001, he joined the Office of Academic Affairs of The City University of New York to launch and direct the new program.



Jennifer Groscup | Assistant Professor
John Jay College of Criminal Justice, Psychology
Daubert in the Jury room: Jury Assessments of Scientific Validity and Reliability

In *Daubert v. Merrell Dow Pharmaceuticals* (1993), the Supreme Court determined that judges must assess the reliability of an expert's scientific methods when evaluating expert admissibility. Arguments about the admissibility of more or less reliable expert testimony are really grounded in a concern about the use of such evidence by juries. Daubert-style rules of admissibility establish a threshold of reliability, but the weight jurors give to expert evidence arguably should reflect some of the very same considerations that determine its admissibility, with more weight given to expert evidence that is more reliable. The Court suggested that three legal safeguards (cross-examination, jury instructions, and opposing expert testimony) would assist juries in evaluating evidentiary reliability and in determining appropriate evidentiary weight. The purpose of Professor Groscup's research is to determine if jurors are sensitive to reliability, to examine the effectiveness of each of the Court's suggested safeguards, to maximize the increase in juror sensitivity to scientific reliability due to the use of these safeguards, and to provide additional information about jurors' information processing. Across

a series of eight studies, this will be accomplished by presenting mock jurors with a video-taped mock trial which manipulates various indicia of reliability for psychological expert testimony and which manipulates the use and type of the safeguards to determine if and to what degree their presence increases juror sensitivity to evidentiary reliability. Preliminary data analysis and pilot study results indicate that jurors do indeed lack sensitivity to indicia of scientific reliability in expert evidence, that the legally traditional use of the safeguards suggested by the Court are ineffective at increasing sensitivity to reliability factors, and that safeguards modified to educate jurors about reliability might improve juror decision making about expert testimony. The National Science Foundation has funded this three-year project in the amount of \$327,000.



Louise Hainline | Dean of Research and Graduate Studies
Brooklyn College, Psychology
Collegiate Science and Technology Entry Program

Dean Hainline's funded projects provide support to underrepresented and economically disadvantaged students. Most recently, Dean Hainline received \$70,000 in funding from the New York State Education Department to run the Collegiate Science and Technology Entry Program at Brooklyn College. CSTEP provides intensive support services to enhance the academic success of students from freshmen to seniors who have been historically underrepresented and economically disadvantaged and who are interested in careers that lead to New York State professional licensing. Students intending to pursue CSTEP related fields are majoring in a number of departments including Biology, Chemistry, Health and Nutrition Sciences, Psychology, Education and Political Science, among others. The goal of the program is to increase the number of underserved and underrepresented students who enter careers in CSTEP fields.

The impact of the CSTEP program is being leveraged by connecting it with a network of externally funded as well

as institutional programs with similar goals, already functioning successfully at the college as part of the Brooklyn College Science Education Consortium. The program assists in improving student success through academic support in the following ways: study skills and reasoning/critical thinking workshops; information about and assistance in using existing college support services; special CSTEP peer led workshops in historically difficult courses and departmental advisement on majors, among other services. The program also provides research and internship opportunities through training in relevant research techniques, research placements with faculty and off-campus sites, and assistance in obtaining academic year and summer internships in relevant academic and professional fields. The program provides a regular series of career workshops in cooperation with the College's Magner Center for Career and Internship Services and other cooperating programs in the Education Consortium. Finally, the program provides a modest level of direct financial support for participating students, as well as counseling to make sure that all avenues for financial aid are utilized.



Kamal Hajallie | Professor
LaGuardia Community College, Mathematics
Computer Science, Engineering and Mathematics Scholarships Program (CSEMS)

LaGuardia Community College serves the immediate surrounding area of western Queens as well as the larger New York City metropolitan area with about 12,000 students: 83% minority and 65% women. Given the need to attract students to Computer Science, Engineering, and Mathematics, LaGuardia Community College is making a concerted effort to increase enrollment in these disciplines through the development of new programs and support services. The CSEMS grant has provided additional incentive for students to enroll or continue their studies in these supported areas. Among the overall objectives of the project are to increase the success of CSEMS students through scholarships and the provision of support services to increase retention and graduation in these disciplines, as well as to facilitate student transfer to senior colleges. During the Fall, 2004 semester, the CSEMS Grant Committee, lead by Professor Hajallie, worked with the admissions office to design an application package that was mailed to 500 students. Notice of the award was published on the

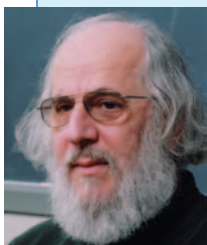
LaGuardia website along with an application form. The committee received about 50 applications for scholarships. Five students were awarded one-year scholarships ranging from \$607 to the maximum of \$3,125. In an effort to further support the overall goals of the project, awardees were assigned faculty mentors to help them with advisement regarding careers in computer science, engineering, and mathematics. This is an ongoing process. A website was set up where CSEMS Scholars (awardees) would be engaged in discussions related to their class work and their chosen field of study. The students were encouraged to write a paper in which they explored transferring to a four-year college in their area of interest. The National Science Foundation has provided \$100,000 for the CSEMS project.



Annie Yi Han | Associate Professor
Borough of Manhattan Community College, Mathematics
 Group Projects Abroad—History of Chinese Mathematics Seminar in China

During the summer of 2004, Professor Annie Yi Han led a delegation of twelve educators to China for four weeks of intensive study of the history of Chinese mathematics and contemporary Chinese mathematics education. The delegation was composed of faculty members from BMCC, New York City primary and secondary school teachers, administrators from Community School District #1 and administrators from The City University of New York. The project, funded by a \$61,000 grant from the U.S. Department of Education under the Fulbright-Hays-Group Project Abroad Program, was designed to give American mathematics educators an overview of the history and contemporary practice of mathematics education in China. The delegation spent a month visiting schools and universities, and attending lectures and seminars by historians, mathematicians and educators throughout China. Through these visits the participants had the opportunity to listen to presenta-

tions by, converse with, and establish collaborative working relationships with distinguished Chinese scholars, educators and students of the history of Chinese mathematics and mathematics education in China. Among the interesting findings of the project was that, both historically and in current practice, Chinese mathematics has developed from a more concrete, problem solving foundation, and tends to be less theoretical than mathematics as developed in the West. In addition to promoting participants' growth in knowledge about the history of Chinese mathematics and mathematics education in China, the project will improve mathematics education in the CUNY colleges participating in the project (BMCC and Hunter), and in Public School/Middle School 34. All participants have created curricula for their schools based on their experiences. These curricula are then made available as a resource for other educators around the globe by the U.S. Department of Education through the Group Projects Abroad Program.



Gabor Herman | Distinguished Professor
The Graduate School and University Center, Computer Science
 Image Processing in Biological 3D Electron Microscopy

Three-dimensional electron microscopy (3D EM) is a powerful technique for imaging complex biological macromolecules in order to further the understanding of their functions. It is achieving high goals and exceeding expectations unthinkable only a few years ago. However, there are still some problem areas where either not enough work has been invested or the work has not as yet been fruitful. This project, headed by Gabor T. Herman, Distinguished Professor of Computer Science at The Graduate Center, assumes a multidisciplinary approach to shed light on three of these areas by the application of image processing techniques:

- Incorporation of realistic image formation models into new reconstruction algorithms;
- Incorporation of knowledge regarding the specimen obtained by means other than EM, such as high-resolution surface relief information and information regarding the chemical nature of the specimen; and

- Improvement of the rendering and the analysis of the reconstructed volumes by the development of more accurate segmentation (of the specimen from its background) and visualization algorithms.

These basic aims have been complemented by a rigorous approach to validating claims of superiority of any of the newly developed methods over those used in current practice. Image processing methodology for obtaining more accurate structural information by 3D EM than what can be achieved by current techniques contributes to our understanding of the detailed molecular mechanisms of some of the key cell functions, and consequently, impact on the field of drug discovery. This work is relevant to cardiovascular and pulmonary disease and health and to blood research. The project is supported by a four-year grant (2001-2005) of \$1.26 million from the National Heart, Lung and Blood Institute of the National Institutes of Health.



Washington Hernandez | Executive Project Director
University Management, Office of Academic Affairs
FIA-CUNY Professional Training Academy

The FIA-CUNY Professional Training Academy is an educational program for employees of the New York City Human Resources Administration (HRA). Since 1995, CUNY has worked with HRA to develop and implement customized training and staff development programs for employees of the agency's Family Independence Administration (FIA). Today, the Academy offers quality training and educational opportunities to more than 7,000 employees in 130 custom designed courses in professional and personal development. The Academy offers innovative programs in workforce and staff development through three distinct program areas: training, continuing education, and credit courses at select CUNY colleges. The Academy also provides ongoing support in the development of the agency's policy bulletins and directives, as well as graphic arts, translation, and form design within HRA's Office of Policy and Procedures. One of the main functions of the Academy is to deliver rapid response training to new initiatives that are implemented by HRA. To allow for such flexibility the Academy maintains a unique structure that includes both established courses offered on a regular basis as well as on-demand training as required. The Academy provides

training in case management, conflict resolution, training theory and practices, childcare program operations, and other soft skills as required by the agency and industry trends. Since January 2003, FIA employees have had access to select graduate and undergraduate credit courses throughout the CUNY system. The credit course component of the program is designed to encourage FIA employees to broaden their understanding of the social services field. Credits earned through the program may be applied towards a CUNY degree in human services or social work.

As the Academy enters its tenth year of service with HRA, it is preparing for the launch of a significant new training initiative entitled WeCARE for over 500 employees of newly hired contracted service providers. WeCARE is a Comprehensive Assessment and Rehabilitation initiative that replaces a twenty-five year old program responsible for evaluating public assistance recipients with barriers to employment and developing specialized rehabilitation and work activities. The program is funded by HRA at an annual rate of \$5.7 million through June 30, 2005, pending renewal through June 30, 2009.



Orlando Hernandez | Associate Professor, **Lucinda Zoe** | Professor and Chief Librarian
Hostos Community College, Humanities Department and Library Department
Visions of Freedom for the Americas: Eugenio Maria de Hostos and José Martí
in Nineteenth Century New York

This \$100,000 grant from the National Endowment for the Humanities will fund a summer seminar during 2005 that will provide 15 college faculty with a rich and unique opportunity to study and research the role of New York City in shaping Latin American and Caribbean political thought and history, as seen through the lives and writings of Puerto Rico's philosopher and educator, Eugenio Maria de Hostos and Cuba's patriot, José Martí. The seminar will highlight New York City's little known and important role in Latino and Caribbean political activism in the late 19th century and make extensive use of Hostos Community College's archives and digital collection of material.

The objective of the seminar is threefold: (1) to offer a comprehensive introduction to the lives and works of Eugenio Maria de Hostos and José Martí; (2) to provide unique opportunities for research on the role of New York City in Caribbean political movements from 1865–1898; and (3) to provide college faculty with new material for multi-disciplinary curriculum on Puerto Rican, Dominican and Cuban cultural and literary heritage.



Mary Howard | Director, NY Designs
LaGuardia Community College, Adult and Continuing Education
 NY Designs

NY Designs is the first in a network of business incubators established by the CUNY Economic Development Corporation that is partnering with CUNY campuses to grow businesses in the NY area. Over 175,000 designers generate \$4.9 billion in payroll in New York. New York ranks first in the United States in market share for seven design industry segments including: jewelry, design, education, fashion, graphic/media design, architecture and interior design. New York is also an important design influence in lighting, furniture and industrial design with those industry segments ranking in the top seven in the United States.

NY Designs identified four services constraining the growth of design businesses in New York. Designer's expressed their problems as: (1) lack of business skills and access to business skill training, (2) lack of real estate to meet their multiple needs including showroom, workshop, office and meeting space, (3) limited access to workshops to allow new product prototyping, (4) lack of access to experienced

professionals including lawyers, accountants, real estate agents and insurance agents.

NY Designs currently provides business counseling and business courses at LaGuardia Community College in response to designers' interest in acquiring business skill training. The business skill courses include: business plan development, self promotion, marketing and selling. In addition, NY Designs offers design courses in interior design and model making for designers looking to expand beyond their current design field and includes internships at local firms to get hands-on experience in these fields.

NY Designs is constructing a new facility to house growing design firms and state of the art prototype development workshops for wood, metal, glass, paint, mold and cast, and computer numerically controlled machines. This construction project is funded with \$6.15 million through separate construction grants from the U.S. Department of Commerce, Economic Development Administration, HUD, and the New York State RESTORE program. NY Designs has received funding from the New York State Engineering Research and Development Authority for the project.



Karen Hubbard | Associate Professor
The City College, Biology
 Cancer Center Partnership

Dr. Hubbard is an Associate Professor in the Department of Biology and is the Principal Investigator of two program grants, first, Minority Biomedical Research Support/Support of Continuum Research Excellence (MBRS/SCORE) and second, The City University of New York/Memorial Sloan Kettering Cancer Center Partnership (CCNY/MBKCC). The SCORE program is a faculty development program to increase the research infrastructure at minority serving institutions. The program currently has fourteen funded investigators and is interdisciplinary. One of the sub-projects supporting Dr. Hubbard studies the regulation of gene expression during aging. These studies will provide insight on factors that regulate aging at the molecular level. Dr. Hubbard has also received funding to establish a Cancer Center Partnership between CCNY and Memorial Sloan Kettering Cancer Center. This Center is to promote the value of diversity in cancer research, scientific training and community action, in order to better understand

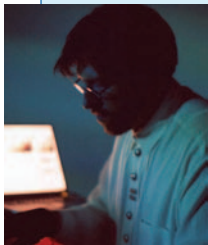
mechanisms of disease, eliminate disparities in care and improve public health. The partnership has received a total of \$3.8 million over a five-year time frame and is supported by a National Cancer Institute award of the National Institutes of Health. During the first two years, the partnership has supported five pilot studies. Each pilot combines the various strengths of The City University of New York and Memorial Sloan Kettering Cancer Center to ultimately generate independently supported collaborative research. The areas of research include basic sciences, clinical, population and ethical studies. The partnership also facilitates opportunities for student research and training.



David Jaffe | Associate Professor
City College, History
University Management, Office of Academic Affairs
Investigating U.S. History

With a grant of \$192,000 from the National Endowment for the Humanities, Professor David Jaffe and colleagues will develop, test and refine a dozen interactive history laboratory modules for use in U.S. History courses at CUNY and in college classrooms across the nation. The Investigating U.S. History Project will put primary source materials, documents, audio, and video clips, images and datasets into the hands of students, and with the aid of technology will use these materials interactively. The project incorporates existing interactive historical resources such as the American Memory, Virtual Jamestown, and Valley of the Shadow resources, and taps into ongoing projects at CUNY, such as the NEH funded History Matters Project and the American Social History Project. Its purpose is to encourage CUNY history faculty and other instructors to

use these resources more deeply than is currently the case. It is Dr. Jaffe's hope that this project will also serve as a vehicle for engaging a broad range of history faculty in discussions about integrating technology and pedagogy. Participants will share best practices and grapple with how to use the vast resources of the worldwide web to address the dual demand of depth and breadth in introductory U.S. History courses.



John Jannone | Assistant Professor
Brooklyn College, Television and Radio
Research in Virtual Reality

Professor John J.A. Jannone received two large research awards for the 2004–2005 academic year: a National Science Foundation Major Research Instrumentation Grant (with Computer Information Science Professors Lori Scarlatos and Simon Parsons, Co-PIs) in the amount of \$300,000 for acquisition of a room-sized virtual reality environment and a CUNY Collaborative Research Incentive Grant (with Hunter College Professors Mary Flanagan and Andrea Polli, Co-PIs) in the amount of \$60,000 for research in multimedia collaboration using the internet. Professor Jannone's research interests extend to acoustics, sound synthesis, multimedia controllers, live performance technology, software-based collaboration tools, and interactive sound and video systems. Projects resulting from grant-funded research were showcased at Diapason Gallery in Manhattan during the month of November, 2004.

The virtual reality environment (or "CAVE", as it is called) will be used for research in gestural control of multimedia systems; or the ability of a single user or performer to control a complex set of multimedia controls (sounds, still image, moving image, and lighting) with intuitive movement rather than precise manipulation of discreet control parameters, such as one would with an array of dials or buttons. The collaborative project with Hunter College will develop software that will enable simultaneous co-authorship of media products from multiple locations and technologies.



Leon Johnson | Professor
Medgar Evers, Physical, Environmental & Computer Sciences
 The New York City Research Initiative

The New York City Research Initiative (NYCRI) consists of two components. The first is Summer Research Program, where teams of high school and college students and faculty work with graduate students and the principal investigators (lead scientists) of NASA research projects at nine universities within a 50-mile radius of New York City (NY, NJ, and CT). The second is the NYCRI Academic Year Components in which NYCRI high school and college faculty are required to formulate and implement NASA research based learning units in existing Science, Technology, Engineering and Mathematics (STEM) courses. The New York City Research Initiative works to address the NASA Education Code N Strategic Goals: (1) to inspire and motivate students to pursue Science, Technology, Engineering and Mathematics careers, and (2) to engage the public in

shaping and sharing the experience of exploration and discovery. NYCRI uses its partner's resources and facilities (both formal and informal) to share, throughout the academic school year, NASA discoveries with parents, students, community centers and the general public. Professor Johnson's research interests are in planetary atmospheres and astrophysics and he has extensive experience in the integration of research in the undergraduate curriculum and mentoring undergraduates in research. The New York City Research Initiative received a \$150,000 award from the National Aeronautics Administration.



Ted Joyce | Professor
Baruch College, Economics and Finance, and Academic Director,
Baruch/Mt. Sinai MBA Program in Health Care Administration
 The Use of Twins to Understand the Effect of WIC on Birth Outcomes

Over seven million women, infants and children participated in the Special Supplemental Nutrition Program for Women, Infants and Children (WIC) in 1999, up from 4.1 million in 1989. In 1992, the General Accounting Office concluded that every federal dollar spent on prenatal WIC participants returned an estimated \$3.50 in savings in primarily reduced health care costs. Recent policy analysis have challenged this sanguine conclusion, but there have been few formal analysis. In this study, New York City birth certificates from 1988 to 2001 were used to address several of the concerns raised by critics. Fourteen years of data and almost 900,000 births to women on Medicaid in New York City, a portion of whom participated in WIC, were analyzed. This is the largest sample of women on WIC ever constructed. Because of the large number of births, it was possible to undertake a separate analysis of the effect of WIC on the birth outcomes of twins. Women pregnant with twins are at greater risk for inadequate weight gain and

anemia than are pregnant women with a single gestation. Professor Joyce and his colleagues found that differences in birth outcomes between WIC and non-WIC participants were not uniform across race and ethnicity. They pertain primarily to differences in preterm birth and not fetal growth and became inconsequential over time. Moreover, they found no consistent association between WIC and improved birth outcomes among twins despite their elevated risk of anemia and fetal growth retardation. The conclusion of the study was that the association between WIC and improved birth outcomes in New York City observed in the early period of the sample (1988–1992) was probably spurious and that participation in WIC has had a minimal impact on infant health in the city over the past 14 years. This program has received over \$34,000 from the United States Agricultural Department (USDA) and the Institute for Research on Poverty (IRP).



Beatrice J. Krauss | Professor
Hunter College, Urban Public Health and Center on AIDS, Drugs, and Community Health
Lower East Side Community Project

The Lower East Side of New York City (LES) is a neighbor to Hunter College's Brookdale Campus, which houses Hunter's Schools of the Health Professions and its Center on AIDS, Drugs and Community Health. The Lower East Side was highly affected by 9/11 and continues to experience epidemics of HIV and community violence. Working for 15 years from a community storefront at 6th and Avenue B, Professor Krauss has been examining how Lower East Side families and children adjust to health threats. Recently, Professor Krauss has documented the extent to which LES youth experience loss and anxiety: about 67% are sure they know two people with HIV; about 50% know 4 people harmed by community violence; about 25% know 4-5 people harmed by the World Trade Center Disaster; and about one-quarter experience full or partial Post-Traumatic Stress Disorder. Dr. Krauss has designed programs to foster family adjustment, most notably the Parent/ Preadolescent

Training for HIV Prevention (PATH). PATH has been adapted in Florida, Mexico and India, and was selected for an in-house staff training program for the National Institutes of Health. Dr. Krauss received her Ph.D. in Social-Personality Psychology from the CUNY Graduate Center in 1979. She has worked as a professor or researcher at Community School District 18, College of New Rochelle, Memorial Sloan-Kettering, and National Development and Research Institutes, Inc. Dr. Krauss has over \$3 million in NIH funding for her projects: PATH-3, Adolescent HIV Risk Social Settings Prevention Issues, Best Practices in Adolescent HIV Voluntary Counseling and Testing, and Family-based Emergency Planning.



Suma Kurien | Professor
LaGuardia Community College, Adult & Continuing Education,
Center for Immigrant Education and Training
Immigrant Family Learning Project

The immigrant Family Learning Project is the newest initiative of the Center for Immigrant Education & Training. The impetus for this program was the realization that many of the Center's students are parents who face multiple challenges in their role as parents. Unlike most other family literacy programs that focus on pre-school children, LaGuardia's Immigrant Family Literacy Project works with parents who have children in elementary and middle schools. In order to help parents become better informed about the school system, the English language classes use materials such as the NYC Department of Education documents. Parents practice writing notes to their children's teacher or conducting Parent-Teacher meetings in English. Reading materials include circulars and memos from the schools as well as report cards. The computer lab time is used to research the websites of the schools, as well as to identify educational activities that families might participate in such as visits to museums and libraries. The Program's Counselor, who is a guidance counselor in the school system, organizes workshops on topics such as new program initiatives, testing regulations, and the intermediate

and high school application processes. Among its successes, the project can cite the number of parents who have been involved in PTAs and volunteer at the schools. In addition, a student representative from the program served as spokesperson for the concerns of immigrant parents at a City-wide conference on services for immigrant children, and eight parents are now enrolled in the college in pursuit of their own educational goals. The New York State Education Department has provided \$266,000 for the project.



Peter Lesser | Chairperson, **Louise Hainline** | CO-PI, **Eleanor Miele** | CO-PI,
Wayne Powell | CO-PI, **Micha Tomkiewicz** | CO-PI
Brooklyn College, Physics
Brooklyn Outreach for Science Careers (BOSC)

This five-year, \$1 million award from the National Science Foundation funds an innovative program designed to redirect students from non-science majors into under-enrolled majors in the sciences. The Brooklyn Outreach for Science Careers (BOSC) offers a four year program in support of Science, Technology, Engineering and Mathematics (STEM) majors in Physics, Earth Science, and Environmental Studies. Participants will be selected from among entering freshmen who have performed well in high school mathematics and science but have not expressed an interest in majoring STEM fields. The program begins with an intensive summer bridge initiative to allow students to strengthen their quantitative reasoning, problem solving and study skills before they begin college classes. The summer program will also expose students and their parents to information about the wealth of career opportunities in science and science related professions. During the

academic year, the program provides students with a highly structured educational approach that emphasizes activity-based instruction, block programming, peer-led team learning, and a supportive environment. Summer research internships and externships following the first, second and third years of study also play an important role in the program. Stipends will be provided for students participating in summer activities. The long term goal of the BOSC program is to develop sustainable approaches to recruiting and retaining STEM majors from a population of high school graduates who would not otherwise choose to major in the sciences. These students will be recruited from a very diverse population that is characteristic of the community surrounding Brooklyn College. Special emphasis will be placed on recruiting and supporting future science teachers who are essential to improving K-12 math and science education in Brooklyn schools.



Leslie Lewis | Professor
York College, Natural Sciences/Biology
A Novel Mechanism for Mobility by a “Jumping Gene” or Transposable Element

Transposable elements (TEs) or jumping genes are mobile pieces of DNA that move from one position on a chromosome to another chromosome or to another position on the same chromosome in a cell, in a manner that is completely independent of the cell's recombination mechanisms. TEs are ancient mobile elements that have played a major role in the reorganization of genes and other DNA segments in the chromosomes and in so doing they have driven the evolutionary process not only in animals but also in plants. The sequencing of the human genome for example, has confirmed that about 50% of human DNA is composed of the remnants of these TEs that played so important a role in our evolution. Active TEs still play an important biological role today. They are responsible for the maintenance and spread of antibiotic resistance among bacteria and for the “horizontal” transfer of genetic information within and across species in the microbial world. One current concern is their role in the transfer of information from genetically modified plants or animals to other species in the wild. In human medicine, a number of mutations such as dele-

tions and other genetic rearrangements caused by TEs have been associated with diseases such as cancers.

The TE with which Dr. Lewis's lab works is called an Insertion Sequence (IS₂). It is a member of the most widespread group of IS elements, the IS₃ family. It was originally recognized by its tendency to insert into genes on the Escherichia coli chromosome. Dr. Lewis's laboratory discovered this phenomenon because of its preference for inserting into the hem B gene, producing an unrecognizable version of the bacterium. Dr. Lewis's lab has been one of two, internationally, to work out the complete details of the transposition pathway of IS₃-family elements. The novel two-step pathway involves a unique circularization process that allows the assembly of a powerful promoter essential for the completion of the insertional step. Dr. Lewis has recently proposed a new mechanism by which the transposase/DNA complex (within which the chemical reactions that produce cleavage and joining occur) is assembled and is in the process of testing it experimentally. Dr. Lewis will receive more than \$1 million for NIH over the 4 year period from June 2004 to May 2008.



Xiang Dong Li | Assistant Professor
New York City College of Technology, Computer Systems Technology
A Virtual Laboratory for Information Assurance Education and Research

This collaborative project will establish a centralized laboratory facility at Polytechnic University that can be used by City Tech, Borough of Manhattan Community College, Brooklyn College, and John Jay College. The virtual laboratory will be accessed via the internet through a browser interface. In addition to being remotely accessible, the laboratory will also be remotely configurable, thereby allowing each individual member of the consortium to independently provision the required hosts and network components and configure them as needed for the specific hands-on assignment being performed by their students. The Department of Computer Systems Technology at NY College of Technology is developing an Information Security module to assist in meeting the national workforce demand for a cadre of professionals with expertise in information systems security who will enter the work

force better prepared and confident to meet the security challenges facing our national information infrastructure. The Information Security module will be a sequence of three courses: Computer Security, Network Security Fundamentals, and Advanced Security Technologies. The National Science Foundation, Federal Cyber Service, has funded the project in the amount of \$75,000.



David Lieberman | Professor and Chair
Queensborough Community College, Physics
Remote Laboratories and Distance Learning for Technician Training

Queensborough Community College was awarded a three year National Science Foundation Advanced Technological Education Grant for \$300,000, from the Division of Undergraduate Education (DUE) and Division of Elementary, Secondary, and Informal Education (ESIE) for the project, "Remote Laboratories and Distance Learning for Technician Training." Directed by Dr. David Lieberman, Chair of the Physics Department, and Dr. Tak Cheung, Professor in that same department, this project is designed to meet the demand for highly trained technicians in photonics (optics, lasers, and fiber optics) by implementing a package of specialized courses that allow access through distance learning. We will be completing work on a sequence of four distance learning laboratory classes," says Dr. Lieberman, "with the ultimate goal being the ability of schools to utilize each other's labs through distance-learning technology.

Institutions could share resources and gain remote access to outside labs so that students receive the best possible education." The project is intended to advance the field of technology education by completing the first photonics program with real laboratories accessible through distance learning. A state-of-the art remote-controlled fiber optics laboratory has been developed, advancing student research opportunities through the sharing of resources between two-year and four-year colleges.



Donna Linderman | Director
Arts and Education for Collaborative Programs, Project Director for CUNY GEAR UP
 University Management, Office of Academic Affairs
 CUNY GEAR UP

CUNY GEAR UP is a consortium of eight CUNY colleges serving 2,100 students at 23 high schools across New York City. GEAR UP is a U.S. Department of Education initiative designed to promote college awareness and academic readiness for students from communities with traditionally low levels of participation in higher education. CUNY GEAR UP is funded through the New York State Higher Education Services Corporation (HESC) in the amount of \$1.1 million. In addition to providing direct services to students and families, CUNY cooperates with several other partners to support the statewide initiative. Partners include the College Board, the State University of New York (SUNY), and the Commission on Independent Colleges and Universities. One of the recent accomplishments of the program is College \$ense: How to Pay for College, a web-based financial aid tutorial designed to help college-bound

students and their families better understand the financial aid process in New York State. Through video streaming, site visitors meet six student characters from different ethnic and economic backgrounds facing specific financial aid challenges. Students share how they overcome their financial aid problems and make successful transitions to college. Versions are also available in Spanish, Mandarin and Russian. Visitors can also meet a college financial aid director who speaks about important issues such as residency requirements, undocumented students and financial aid and dependent vs. independent status. College \$ense was a co-production of CUNY GEAR UP and HESC.



Humberto Lizardi | Assistant Professor
Lehman College, Psychology
 Family Project

Professor Lizardi's current research is designed to further contribute to the literature on the intergenerational transmission of mood disorders. Mood disorders represent a significant public health problem in the United States. According to a survey by the World Health Organization, mood disorders are currently the world's fourth most disabling condition, as defined by a combination of morbidity and mortality, and are projected to rank second by the year 2020.

Professor Lizardi has recently received a \$1.28 million grant from the National Institutes of Health entitled "Offspring of Outpatients with Dysthymic Disorder: Outcomes and Mediators of Risk." Professor Lizardi has also received a \$300,000 grant from the National Institute of Mental Health entitled "Early-Onset Dysthymic Disorder: Social Functioning and Offspring Adjustment." The aims of these

studies are to compare outpatients with DSM-IV early-onset dysthymic disorder with double depression, pure dysthymic disorder, DSM-IV episodic major depressive disorder, and normal controls with no history of Axis I. Participants will include 45 subjects in each group. The parent groups will be compared on both interview and self-report measures of social functioning. In addition, the offspring of the four groups will be compared on rates of psychopathology, and on social and cognitive functioning. Offspring adjustment will be assessed blind to the diagnostic status of the parents. Overall, research contributing to our understanding of double depression and pure dysthymic disorder in parents and the mediators of risk for offspring maladjustment will enable us to identify vulnerable children and to develop effective intervention programs.



Maxine Lubner | Director of the Aviation Institute
York College, Aviation Institute at York College
CUNY Aviation Institute at York College

Established in 2002, with an \$800,000 grant from the Port Authority of New York and New Jersey, the CUNY Aviation Institute at York College is the first university-level educational and training program for the aviation industry. The Aviation Institute affords CUNY students a unique chance to participate in aviation's recovery and future growth by acquiring the skills needed to support the industry. The CUNY Aviation Institute at York College develops creative and talented aviation professionals who make a useful contribution to the needs of aviation in a changing, and challenging environment. To date, the Aviation Institute has supported the implementation of an aviation management track for the Bachelor's in Accounting and Business, an Aviation Management Certificate, and several continuing education courses. The JFK Air Cargo Association donated a scholarship for aviation students at York College and other scholarship awards from the Port Authority of New

York and New Jersey were presented at the end of an airport management-training course hosted by the Aviation Institute. Other Aviation Institute accomplishments include holding a successful series of a conference and seminars on several aviation related topics, and supporting two aviation summer camps for high school students in partnership with the York College Now program. The Aviation Institute collaborates with established CUNY programs to provide important support for training and research program development, including Baruch College, City College and John Jay College. Dr. Lubner's FAA sponsored research has included studies of pilots and has led to the development of training programs for general aviation as well as identification of risk factors for aviation accidents and incidents among all U.S. pilots. Dr. Lubner also holds a private Pilot Certificate.



Elaine Maldonado | Director
New York City College of Technology, College Learning Centers
The Adjunct Academy at City Tech

The Adjunct Academy at City Tech integrates part-time faculty into the college community as tutors and mentors to students of the School of Technology and Design. Adjuncts provide the majority of instruction in many technical and community colleges, but their role in the academic life is often minimal, as many teach only one class. At the same time, many students in technical and community colleges are at risk and need encouragement and tutoring to complete their studies. This project built on a successful pilot that replaced student tutors with part-time instructors and achieved significantly greater rates student retention and program completion. The Adjunct Academy is training a cadre of adjuncts to serve as tutors and mentors, and supporting and compensating their roles in governance and leadership activities to integrate them more fully into the institution and into the lives of students. The broader

impacts of this project are potentially nationally significant: City Tech is demonstrating a promising new paradigm for the integration of adjunct faculty into the academic community by expanding their role in student learning. The project will improve educational outcomes for students in targeted disciplines by increasing support to underrepresented minority students in the higher-end technical fields. Finally, the project will validate the efficacy of the approach for dissemination and adaptation at other institutions through a rigorous and objective evaluation design. The dual-focus evaluation measures the effect of the project both on student learning and on adjunct faculty participants. This project is funded for \$500,000 by the U.S. Department of Education, Fund for the Improvement of Postsecondary Education.



Steven Markowitz | Professor
Queens College, Center for the Biology of Natural Systems
Health Consequences of Ground Zero Work

Workers at Ground Zero between September 2001 and June 2002 suffered an unexpectedly high prevalence of persistent respiratory and mental health symptoms in the intervening years since the destruction of the World Trade Center. In addition, the unprecedented nature of the acute and sub-acute exposures associated with Ground Zero work raises concerns about possible long-term impact of such work. To assist these workers and to better understand the health consequences of Ground Zero work, Queens College participates in a federally-funded network of five occupational health clinical centers that offer comprehensive and free medical screening to Ground Zero workers. Queens College initiated such screening with interim funding through Mount Sinai Medical Center in April 2003. In June 2004, Queens College received a five year \$3.57 million grant

from the National Institute for Occupational Safety and Health of the Centers for Disease Control and Prevention (CDC) to provide health monitoring of 500 Ground Zero workers from 2004 to 2009, offering medical check-ups for each participant every 18 months. Dr. Steven Markowitz serves on the Executive Steering Committee for the overall program, the World Trade Center Technical Review Panel of the Environmental Protection Agency, and the Scientific Advisory Board of the World Trade Center Registry.



Pamela Mills | Professor
Hunter College, Chemistry
University Management, Office of Academic Affairs
Math and Science Partnership

Professor Pamela Mills began her career as a traditionally educated physical chemist. Over time, Professor Mills's interest in chemistry was matched by her commitment to improving the teaching of math and science in the K-12 sector. Professor Mills's work is now focused on developing strategies to improve the classroom environment so that students enhance their quantitative skills, teachers focus attention on student learning and student learning is evaluated and assessed for continuous improvement. Professor Mills is currently the Director of The National Science Foundation's (NSF) Math and Science Partnership program that supports innovative projects to improve K-12 math and science education. The Math Science Partnership in New York City (a partnership between CUNY and NYC Department of Education), was awarded \$12.5 million over

five years to build effective relationships among mathematicians, scientists, teachers, and administrators with the goal of significantly improving the performance of students in NYC public schools. This ambitious partnership will accomplish a number of initiatives simultaneously: develop twelve research-based schools that become exemplars of mathematics and/or science education; promote a collaborative teaching model for professional development; and create a Cadet Corps of high school mathematics and science tutors.



David Mootoo | Professor
Hunter College, Chemistry
Inflammation Response to Tissue Injury

Professor David Mootoo has received an award of \$1.2 million over four years (2003–2007) from the Institute of General Medical Science of the National Institutes of Health, to conduct research on the identification of molecules that mimic the role of carbohydrates in biochemical processes. A major focus is on structures that can be used to develop a clearer understanding of the inflammation responses to tissue injury. An early step in the inflammation process is the binding of a complex carbohydrate, that is present on leukocytes, to a group of proteins, (E, P and L selectins), which are expressed by endothelial cells lining blood vessels. Control of selectin binding is a potential way of regulating inflammation, and could lead to new strategies for treating inflammation disorders such as reperfusion injuries, stroke, psoriasis, rheumatoid arthritis and respiratory diseases. One approach is to use a compound that

binds more tightly to the selectins. Professor Mootoo and his team are involved in the design and synthesis of mimetics, evaluation of their molecular shape and flexibility, and determination of their ability to inhibit selectin binding. Variations of this structure are being pursued in order to develop molecules of greater potency. The structural aspects of the project are being performed in collaboration with Professor Jesus Jiménez-Barbero of the Institute of Organic Chemistry, Consejo Superior de Investigaciones Científicas, Madrid. Biological testing is carried out at Wyeth Research in Cambridge, Massachusetts. An integral part of the project is the synthesis of unusual chemical structures. The group has developed a method for the synthesis of carbohydrate-like compounds that are not available from nature. The method has wider scope and is also applied to other classes of compounds that are of biochemical significance.



Elizabeth L. Oliver | Assistant Dean
Bronx Community College, Continuing and Professional Studies
Healthcare Worker Upgrade Training

Continuing and Professional Studies at Bronx Community College received a \$1.4 million grant from the New York State Department of Health to upgrade the skills of incumbent health care workers. The project serves workers in two Bronx community health centers, Morris Heights Health Center and Urban Health Plan, Inc. The projects provide training to upgrade staff clinical skills. Training in the areas of anatomy and physiology, electrocardiology and phlebotomy technical, medical terminology as well as patient assessment and communications will drive the center's expanded community healthcare services. These retooled healthcare workers will be upgraded in salary and position at the end of the project. A second group of workers from each center were identified as candidates for upgrades

to nursing careers. These workers receive college preparation and nursing preparation instruction. The curriculum is designed to optimize their success entering the College's Registered Nurse and Licensed Practical Nurse degree programs. The health centers have committed to retain and upgrade these employees as nurses upon successful completion of their studies and licensure. The grant supports released time for all participants through replacement worker remuneration to the partners. In addition to the skills upgrades, this project provides the College an opportunity to test the various assumptions about the challenges to implementing incumbent healthcare worker retraining and it provides meaningful data and case studies to support more effective nursing career preparation.



Stuart Schulman | Professor and Chairperson
Kingsborough Community College, Tourism and Hospitality
Virtual Enterprise

HIGHLIGHTS

Kingsborough Community College received \$50,000 from the Ewing Marion Kauffman Foundation for the Kauffman Foundation Collegiate Entrepreneurship Network-Virtual Enterprise: A Model for Entrepreneurship and Life at Kingsborough Community College. The goal of this project is to create a faculty learning community and culture of entrepreneurship at Kingsborough and collaborating institutions by engaging students and faculty in the Virtual Enterprise (VE) program. VE is a classroom simulation in which students create and operate virtual entrepreneurial firms and trade virtual goods and services in a closed economy of more than 4,000 firms in 40 countries. Project outcomes include:

- 1) The development of entrepreneurship in content areas utilizing Virtual Enterprise resulted in curriculum design and implementation in the Tourism and Hospitality, Art, Biological Sciences, and Communication and Performing Arts Departments, as well as in the CUNY Language Immersion Program (ESL) and Offices of International Students and Career Counseling.
- 2) Faculty development seminars supported the “transformation” of professors to “facilitators” in student-centered learning communities created across the college.
- 3) Faculty development conferences with KCC faculty and other colleges established new linkages that fostered professional development, best practices and program adoption.
- 4) Entrepreneurship case studies that focus on disciplines and needs specific to community college students were developed.

5) Collaboration with Brooklyn College utilizing the Virtual Enterprise Entrepreneurship Model aimed for articulation and further student development.

6) An “incubator strategy” where entrepreneurship students have the opportunity to actualize their virtual projects was piloted.

Kingsborough Community College also received \$18,500 for the Entrepreneurship Cluster Project, a national program funded by the U.S. Department of Education’s Fund for the Improvement of Postsecondary Education (FIPSE). The grant is based on the notion that entrepreneurship “clusters” can be facilitated by identifying bases or “hubs” to spread new business and support activities. For example, an advertising hub will facilitate the development of printing and graphics as supporting elements. The project focuses on involving technical and community colleges in entrepreneurship programs that are targeted to specific industry clusters. Ten technical and community colleges currently participate and collaborate in this entrepreneurship initiative. Each of the participating colleges has developed case studies that examine the achievements of and challenges faced by, local entrepreneurs. Participating colleges also prepared written reviews of commercially available tools that support entrepreneurship education and training initiatives. In addition, based on lessons learned through the Entrepreneurship Cluster Project, each college has developed plans for enhancing entrepreneurship initiatives at their respective college.



Richard Schwartz | Presidential Professor
The Graduate School and University Center, Speech and Hearing Sciences
Real-Time Examination of Childhood Language Impairment

Specific Language Impairment (SLI) in children occurs in approximately 7% of the population. Despite the fact that SLI excludes children with cognitive, sensory, and neurological deficits, these children do have deficits in perception, in attention, in working memory, in neurophysiology, and in cognitive processing. However, these findings are not consistent and have not been directly tied to their language deficits. Investigations of SLI have largely relied on spontaneous or elicited language production on a smaller number of comprehension tasks that focus on the endpoint of language processing (e.g., saying the name of an object or pointing to a picture after hearing a word). These are called off-line tasks. These tasks reveal little about the nature or time course of processes underlying language behavior. To date, techniques that examine the processes leading up to these endpoints of language production and comprehension (on-line tasks) have not been widely applied to the investigation of SLI. Only by combining on-line and off-line techniques can we obtain a complete picture of language processing in this population.

This project involves a unique pairing of Professor Schwartz, as an expert in SLI with professor David Swinney of the University of California-San Diego as an expert in real-time or on-line language analysis. The goal of the research is to develop detailed behavioral evidence about the moment-by-moment processing in children with SLI, so that a detailed model of the language breakdown in this population can be developed. The researchers will use on-line and off-line tasks to examine language processes at the level of phonological processing, lexical representation and access, and structural processing in children with SLI in a way that will clarify the loci of deficits that are responsible for this impairment. This project is supported by a five-year grant (2002–2007) of \$1.73 million (\$345,800 annually) from the National Institute of Deafness and Other Communication Disorders of the National Institutes of Health.



Chang-Hui Shen | Assistant Professor
The College of Staten Island, Biology
Chromatin Structure and Gene Activity in Yeast

The major focus of Professor Shen's research is to study the role of chromatin structure in gene activation and to understand the mechanism of gene expression. Chromatin is the tangled fibrous complex of DNA and protein within a cell nucleus. The research is examining the function of the chromatin remodeling complex and the mechanism of chromatin remodeling complex-regulated gene activation using yeast as a model organism. In eukaryotic cells, DNA is packaged into chromatin, which is packaged into nucleosomes that contain DNA wrapped around a central core of histones. Most eukaryotic promoters and regulatory elements are organized into precise architecture within extensive nucleosome sites. Regulatory proteins often cannot recognize their sites when they are tightly wrapped in a nucleosome. As such, chromatin acts as a general repressor in gene expression by restricting the access of the regulatory proteins to their binding sites. Activation of transcription is accompanied by a reorganization of the chromatin structure. These local changes involve the disruption of nucleosomes and can be mediated by large multiprotein assemblies, termed "chromatin remodeling complexes."

These remodeling complexes reconfigure the chromatin structure and thus increase the accessibility of DNA within a chromatin template, suggesting the importance of chromatin remodeling complexes in the process of gene activation.

Understanding the dynamics and mechanisms underlying chromatin reconfiguration directed by the complex in yeast can lead to promising biomedical discoveries in cancer research. This is because of the strong conservation of transcriptional mechanisms throughout eukaryotes. The knowledge gained from these studies will be directly relevant to understanding transcription in humans. These investigations on the dynamic interaction between chromatin remodeling complex and other regulatory proteins in the process of gene activation will provide a better understanding of chromatin structure and gene activity for clinical development. Professor Shen has received awards totally \$190,000 from the National Institutes of Health and PSC/CUNY Awards.



Rachel Singer | Director of Academic Affairs
Kingsborough Community College, Academic Affairs
 Opening Doors Learning Communities

Kingsborough Community College is one of six community colleges, among the more than 1,100 community colleges nationwide, chosen to participate in a large-scale, random assignment study of innovative strategies to help community college students complete their degree programs. This project, called “Opening Doors,” was launched by Manpower Demonstrative Research Corporation (MDRC), a nonprofit research organization in New York City dedicated to learning what works to improve the lives of low-income people. The project is supported by the Robin Hood Foundation and a collaborative of other foundations and government agencies.

Kingsborough was awarded a \$343,000 grant to help freshmen who are educationally or economically disadvantaged and lack clear career goals make a smooth transition to college during the critical first semester. Known as “Opening Doors Learning Communities,” Kingsborough’s program combines three strands: curricula reform, student

services, and enhanced financial aid. Blocks of up to 25 students take three courses together: an English class (in most cases, a remedial course that is required because the student failed the proficiency exam required of all students by The City University of New York); a core required academic class, and a college orientation class. These courses are scheduled to minimize commuting time for students who, on the average, spend 2–3 hours a day commuting to and from the college. Faculty collaborate to assess students’ needs, track their progress and integrate instruction across the three courses. Each orientation course is taught by an Opening Doors counselor, whose smaller caseloads allow for intensive follow-up. Students also receive tutoring and vouchers during their first semester to help pay for textbooks.



Heather Sloan | Assistant Professor
Lehman College, Middle and High School Education
 Project TRUST: Teacher Renewal for Urban Science Teaching

The American Museum of Natural History (AMNH; PI M. Macdonald) in partnership with Lehman College (Co-PI H. Sloan) and Brooklyn College (Co-PIs E. Miele and W. Powell) of The City University of New York (CUNY) has initiated the TRUST Project: Teacher Renewal for Urban Science Teaching. TRUST combines informal and formal teacher education in a four-year initiative to enhance professional development and Masters of Science education programs. This NSF-funded partnership brings together the resources of AMNH, CUNY, New York City school districts, New York City Department of Education — Museum Partnerships, and the expertise of scientists and teachers with research experiences. The first of the two-stage funding periods (2003–5 Award \$483,000; Lehman subcontracts \$150,000) is currently underway. TRUST will recruit and sustain 90 teachers, as well as engage 30 school administrators, in support of Earth Science instruction. Program components include two new formal Earth Systems Science courses,

intensive informal summer institutes and a lecture and workshop series during which participants gain new Earth Science content knowledge, develop action plans, and present their work on the local and national level. In addition, participants have ongoing access to resource and material support to enhance their learning and instruction. Continuous documentation and data collection by project investigators are being used to address questions regarding the impact various aspects of the TRUST participant experience on classroom instruction and learning, the acquisition of scientific knowledge in the new courses and institutes, and to examine the nature of the museum experience in meeting certification goals. External evaluation of the project is addressing issues surrounding the value of the program as a model formal-informal partnership in urban Earth Science teacher education and certification, analysis of policies that facilitate partnership arrangements, and how socialization of novices with experts affects retention and renewal.



Shoshanna Sofaer | Robert P. Luciano Professor of Health Care Policy
Baruch College, School of Public Affairs
Healthcare Quality and Research

Dr. Shoshanna Sofaer's research interests include quality measurement and improvement of health care in association with the development and assessment of materials and interventions to provide health care consumers with information to support choosing and using healthcare wisely. Dr. Sofaer is considered an authority on the use of qualitative and mixed methods in health services and health policy research. Two of her current research projects are: Public Reporting and Provider and Health Plan Quality of Care; and a comprehensive and evolving family of health care surveys referred to as CAHPS.

The Centers for Medicare and Medicaid Services (CMS) is continuing its efforts to publicly report comparative quality data on a variety of health care providers and facilities, including health plans, hospitals, nursing homes and home health agencies. This project is conducting research on three major issues: (1) how physicians interact with patients with respect to sharing health care quality information; (2) how to engage health professionals (such as discharge planners and geriatric care managers) as intermediaries with people on Medicare trying to choose a nursing home, home health agency or other health service; (3) to develop

and test materials and decision supports to help people on Medicare use comparative quality information. Baruch College is participating in all parts of the project and serves a technical lead for the second part. Dr. Sofaer is Key Scientist on this project.

The CAHPS project is a major initiative designed to develop and test patient experience surveys and methods to design and disseminate reports based on those surveys that compare a variety of health care entities. In the first phase of CAHPS, the emphasis was on assessing health plans; in CAHPS II the emphasis has grown to include a survey of: ambulatory care; hospitals, nursing homes; dialysis facilities; the experiences of people with mobility impairments; and the experiences of people who speak languages other than English. Dr. Sofaer serves as Leader of the Reports Team for the Harvard Consortium, with a focus on the development and testing of interventions to report the findings of new and existing surveys, disseminate and promote those reports effectively, and achieve use by varied audiences for purposes including informing choice, improving quality, and achieving public accountability. Over \$300,000 has been made available for these projects through the Centers for Medicare and Medicaid Services and the Agency for Healthcare Quality and Research.



Winifred Strange | Professor
The Graduate School and University Center, Speech and Hearing Sciences
Cross-Language Studies of Vowel Acoustics and Perceptions

As most of us are aware, people who learn a second language (L2) as adults often speak it with a noticeable "foreign accent." What is less obvious is that adult L2 learners often have considerable difficulty perceiving, in the second language, the differences among speech sounds that do not occur in their own language, i.e., they have "accented" listening patterns. These non-native patterns of perception and production of the L2 sound system can persist for many years and may lead to continuing communication problems between L1 and L2 speakers. Dr. Strange's current research project focuses on the system of vowel sounds in American English, German, French, Spanish, Russian, and Japanese. In order to document the systematic variability in how vowel sounds are pronounced in different contexts across the different languages, Dr. Strange recorded many sets of utterances by native speak-

ers of each language surrounded by several different consonants and produced in different sentences. In a second study, Dr. Strange asks non-native listeners to judge similarity between the vowels of a foreign language and their own vowels. These patterns of perceived similarity are used to predict which foreign vowel sounds (in which contexts) will be most difficult for adult foreign language learners to master. These data are then used to develop efficient, intensive, short-term perceptual training programs for foreign language learners. Perceptual training has been shown to improve foreign language learners' perception of difficult L2 speech sounds; it may also be the case that such perceptual training leads to a reduction of the trainees' foreign accent without any specific training in pronunciation. The project is supported by a five-year grant (2000–2005) of \$1.03 million from the National Institute of Deafness and Other Communication Disorders of the National Institutes of Health.



Duane Tananbaum | Associate Professor and Chair
Lehman College, History
Telling America's Story

Professor Duane Tananbaum and the Lehman College History Department are partners with Region 2 of the NYC Department of Education in Telling America's Story. This is a three-year program funded in 2003 by the Federal Department of Education in the amount of \$990,000 to improve the teaching of United States History in the Region's 53 middle and high schools. Telling America's Story for Elementary School Educators is a similar program to improve the teaching of United States History in the Region's 41 elementary schools. Students in Region 2 have traditionally performed poorly on New York State standardized assessments in American History, in part because of the uneven training many of their teachers have received in American History. In an effort to overcome these deficiencies, Professor Tananbaum, Professor Martin Burke, and Professor Andrew Robertson are providing content-rich instruction in American History to select groups of Region 2 teachers in a series of institutes focusing on The History of the U.S. Constitution and American Foreign Policy, The History of Freedom in the United States, and The History of Democracy in the United States. As part of these institutes, faculty from Lehman College's Social Studies Education

Program and Early Childhood and Childhood Education Department help teachers develop lesson plans for their students based on the American History content they are learning. The Teacher-Historians, as they are called, also participate in colloquia at the New York Historical Society on teaching with objects and primary sources, receive primary source materials and instruction on their use from the Gilder Lehrman Institute of American History, and attend lectures by prominent historians. The grants also provide all American History teachers in Region 2 with an American History Museum Pass enabling them to use the resources of NYC museums and arts and cultural organizations free of charge for three years. After completing these intensive professional development activities, the Teacher-Historians will become Master Teachers, leading study groups and providing support for their colleagues who teach American History in the Region's elementary, middle and high schools. Creating a cohort of American History teachers better able to teach traditional American History and leading professional development activities for their colleagues in each school will directly affect thousands of students taking American History in Region 2 every year.



Ofer Tchernichovski | Professor
The City College, Biology
Behavioral Mechanisms of Vocal Imitation

In many animals (including humans) intensive learning takes place during infancy. Developmental learning progresses slowly from moment-to-moment, across daily cycles of wakefulness and sleep. The songbird gives us an opportunity to understand this process because the entire development occurs within a few weeks, with intensive learning that can be controlled, recorded, and analyzed in real-time. Birds learn their songs by imitating other birds, but they can also imitate playbacks. In human infants, vocal imitation is an essential component of early language acquisition. It occurs intensively during infancy, but is much less efficient later in life. A similar phenomenon occurs in songbirds: a zebra finch can accurately imitate a series of complex sounds during infancy, but as the bird grows up, it gradually loses the ability to imitate. Professor Tchernichovski laboratory studies this process by recording and analyzing the entire vocal development — about 1 million sounds per bird, and then examines how individual syllables

are learned during development. Professor Tchernichovski's team then explores the brain mechanisms that allow learning to progress rapidly in the juvenile bird, attempting to understand why vocal learning decreases so rapidly with age. Professor Tchernichovski discovered a strong developmental effect of sleep on the vocal learning process, and interestingly, this effect is not present in the adult bird. The juvenile bird practices intensively during the learning period (about 3 hours of singing per day). Strikingly, most of the changes in song structure do not occur when the bird practices, but at night when the bird sleeps, rather than sings. However, although the bird does not sing during sleep; its brain does. It was found that the effect of sleep on song learning is complementary to the effect of practice during the day: when the bird practices, its song becomes more structured, but after sleep the song becomes more plastic — allowing new learning to proceed during the next day of practice. The National Institutes of Health has funded this research for \$1.4 million over a five-year period.



Karen Terry | Associate Professor
John Jay College of Criminal Justice, Law and Police Science
Nature and Scope of Child Sexual Abuse in the Catholic Church

This study, which was sponsored by the US Conference of Catholic Bishops and funded in the amount of \$424,000, was initiated by the National Review Board, composed of prominent Catholic laypersons and the Office of Child and Youth Protection for the Catholic Church. The aim was to examine the nature and scope of child sexual abuse by Catholic priests and deacons between 1950 and 2002. John Jay College compiled a team of interdisciplinary researchers to conduct this descriptive study, the results of which were released in February 2004 during a live telecast at the National Press Club in Washington, D.C. Study results showed that 4,392 priests had allegations of abuse (representing 4 percent of priests in ministry between 1950 and 2002), 10,667 victims made allegations, and the church paid (at the time surveys were completed) \$572.5 million for legal and treatment fees as compensation to the victims. Results also showed that while 55 percent of priests had only one known victim, 3.5 percent of priests were responsible for approximately 26 percent of all allegations of sexual abuse against minors. The study also provided

information on: the circumstances of the abuse (e.g., types of sexual acts, location of abuse, duration of the abusive behavior); the offenders (e.g., year of ordination, age, ministry duties, other behavioral problems); the victims (e.g., age and gender with whom they were living at the time of the abuse); and the dioceses (e.g., differences in abuse rates by region and population size). The results of the John Jay study will inform a future study on the causes and context of the sexual abuse crisis in the Catholic Church.



Kenneth Tobin | Presidential Professor
The Graduate School and University Center, Urban Education
Use of Research to Improve the Quality of Science Education in Urban High Schools

Kenneth Tobin is doing research in New York City high schools in which poverty and ethnic diversity present challenges to teachers and students. The studies involve teachers and youth as researchers and provide fresh insights into roles and goals that have the potential to improve the quality of science education in inner city schools. Building on thirty years of research on the teaching and learning of science, seven years of which have been focused on urban high schools, Professor Tobin assumes that new science teachers in urban high schools face multi-dimensional problems that include the quality of their initial education in science and science education, the nature of structural supports provided by the institutions where they teach, the caliber of professional development, and the tendency for teachers to be regarded as solely responsible for the quality of teaching and the achievement of students.

The project has four principal goal areas:

- To mentor two assistant professors a year and involve them in scholarly activities that will equip them to become leading scholars in urban science education;
- To use research and professional development activities to improve the quality of college science teaching, especially in courses for teachers and teacher candidates;
- To use research and professional development activities in science and science education to improve the quality of urban science education in classes taught by new teachers; and
- To use research on urban science teaching and learning to expand the roles of urban teachers and youth to include their participation in research, teacher education, curriculum development, and policy formation.

The research is funded by a National Science Foundation four-year grant (2004–2008) of \$304,963, which was awarded to Professor Tobin as part of the NSF's highest honor, the Director's Award for Distinguished Teaching Scholars.



Edward Tucker | Professor
Baruch College, Natural Sciences
Calcium Signaling In Plants

All biological organisms perceive and respond to their surrounding environment. Plants rely on light for photosynthesis, and thus they must know where the light is and how to bend towards it. In addition, reproduction is essential, and plants “read” the light to know when to make reproductive structures. While visible light contains all the colors of the spectrum, the plant “sees” only red and blue light. In Baruch College’s photobiology lab, Professor Edward Tucker and his students study perception and response to blue light using the moss plant, *Physcomitrella patens*, and its blue light photoreceptor mutants. They respond to blue light through a network of signaling pathways that decode and transduce information within and between cells. Professor Tucker and his students have identified calcium as the key messenger that tells the plant what the

appropriate response to the light stimulus is. Two Ca^{2+} waves were observed and these waves were characterized in terms of space, time, and amplitude. Results from these studies allowed Professor Tucker and the research students to describe these Ca^{2+} codes, and to determine that the amplitude of the Ca^{2+} waves was greater in the photoreceptor mutant. These mutants were also found to be reproductively slow. The results indicate that blue light regulates Ca^{2+} channels and pumps, which are involved in creating the correct code needed to induce reproduction. This project has received \$82,000 from the National Science Foundation.



Virginia Valian | Professor, Principal Investigator, **Vita C. Rabinowitz** | Professor Co-Principal Investigator, **Shirley Raps** | Professor Co-Principal Investigator, **Richard Pizer** | Provost, Co-Principal Investigator
Hunter College, Psychology and Biology Sciences
The Gender Equity Project

The Gender Equity Project (GEP), co-directed by psychologists Virginia Valian and Vita Rabinowitz, is partially funded via an ADVANCE Institutional Transformation award from the National Science Foundation to Hunter College in the amount of \$3.75 million over five years. Hunter College joins NSF in the goal of contributing to the development of an academic scientific workforce that includes the full participation of women at all levels of the academy. The specific aims of the Gender Equity Project include: a) reviewing policies and changing procedures that inadvertently disadvantage women natural and social scientists; b) measuring and reporting gender equity benchmarks; c) uncovering and correcting hidden and subtle biases; d) educating faculty and administrators about how gender affects careers; e) sponsoring talented women scientists at all ranks; and f) increasing the recognition and leadership of outstanding women scientists. GEP initiatives are grounded in the best

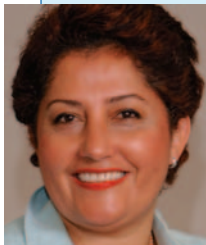
available evidence from the social sciences about how to understand gender disparities in achievement, how to motivate and sustain attitude and behavior change, and how to achieve equity and excellence in institutions. Two and half years into the program, the GEP’s impact is evident in several key areas. The Gender Equity Project has documented the nature and extent of gender disparities at Hunter College, made alliances with administrators to improve policies and procedures in almost every office of the College, directly improved women scientists’ productivity through their Sponsorship Program’s provision of sponsors, workshops in professional development, and resources for research, and promoted the leadership and recognition of women scientists.



Nanette Van Loon | Assistant Professor
Borough of Manhattan Community College, Science Department
Collegiate Science and Technology Entry Program (CSTEP)

Professor Nanette Van Loon coordinates the Collegiate Science and Technology Entry Program (CSTEP) and the STEP (Science and Technology Entry Program) at BMCC. The purpose of CSTEP and STEP grants is to promote access to careers in the sciences among college and high school students who might otherwise be denied the opportunity to pursue science studies at the baccalaureate level and/or successfully launch a career in science, technology, mathematics or health related occupations. Professor Van Loon oversees a project that connects promising students hoping to major in mathematics, science, health fields or technology with faculty mentors in their disciplines of interest. The mentoring relationship not only allows participating students to receive supervised practical training, it also exposes them to the use of sophisticated technologies. Together the student and his or her mentor work on a research project that is presented at a statewide conference of CSTEP and STEP participants held in the spring. In addition to the mentored research, CSTEP students and partici-

pating faculty hold bi-weekly symposia at which current topics in science, mathematics, technology, or health care, as well as careers in science and applied science, are discussed. This ongoing project will increase the flow of underrepresented members of ethnic and minority groups, particularly minority men, into programs of study in mathematics, science, technology, and health. The results of the program have already been impressive. One of BMCC's students was invited to present the results of his STEP research project on hydrogen deuterium exchange rates at the Annual Biomedical Research Conference for Minority Students held in Dallas, Texas last November. The same student and his mentor have been invited to present their research findings to the American Chemistry, which met in Anaheim California in the spring of 2005. The New York State Education Department, Professional Career Opportunities Program, has provided \$134,000 for this project.



Zahra Zakeri | Professor
Queens College, Biology
Minority Access to Research Careers (MARC) at Queens College

The goal of this program is to increase the number of under-represented minority students involved in biomedical sciences at Queens College by creating an environment conducive to research and learning. Although there are a number of research programs in which undergraduate students can participate, Queens College did not have a specific research program that focused on developing and directing under-represented minority students towards biomedical research. Queens College proposes to undertake a concerted effort to involve students in research and to provide guidance and specific programs to ensure their success in entering a graduate program. The program aims to achieve these goals by establishing the following two programs.

- A Pre-MARC Program for Freshmen and Sophomores. This project provides outreach to all incoming Queens College students, as well as students in our affiliated community colleges. Students are provided guidance for establishing a sound academic foundation in Biology, Chemistry, English, and Mathematics and encouraged to

participate in all MARC activities such as seminars and poster presentations. They are mentored by both faculty and senior MARC students.

- Development of a MARC Program. The goal is to provide junior and senior students extensive research experience with appropriate guidance to succeed in graduate studies. These students:
 - Participate in bi-weekly research workshops and research group meetings
 - Attend faculty seminars and colloquia
 - Conduct laboratory research with a faculty mentor
 - Present research results at a scientific meeting

Professor Zakeri has been awarded a total of \$2.16 million for the next five years. Professor Zakeri has been a member of the NIH Subcommittee for Minority Subprograms in National Institute of General Medical Sciences for the last 4 years. She is working with Dr. PoKay Ma of Biology, Dr. Susan Croll of Psychology and Dr. Susan Kirch of Science Education, as well as a host of other faculty from both Queens College and several other institutions to implement the project.

Awards

ACRIVOS, ANDREAS — CITY COLLEGE

NASA

Particle Segregation in a Flowing Concentrated Suspension Subject to High-Gradient Strong Electric Fields, \$103,000

ACRIVOS, ANDREAS/KHUSID, BORIS — CITY COLLEGE

NATIONAL SCIENCE FOUNDATION

Transport and Segregation of Suspensions in Traveling Electric Fields, \$145,616

ACRIVOS, ANDREAS/KOPLIK, JOEL — CITY COLLEGE

U.S. DEPARTMENT OF ENERGY

A Fundamental Study of Dispersed Multiphase Flows at Small Scales, \$236,144

AGRAWAL, ANIL — CITY COLLEGE

CORNELL UNIVERSITY

Bridge Element Deterioration, \$70,000

AHEARN, SEAN — COLLEGE

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION

Program Management Quality Assurance Services for Sewer Facilities Conversion Project, \$1,187,816

NYC DEPARTMENT OF INFORMATION TECHNOLOGY & TELECOMMUNICATIONS

Maintenance of the New York City Base-Map, GIS Application Development and Training, \$1,299,443

AKINMOLADUN, ANDREW — BRONX C. C.

CLARKSON UNIVERSITY

Biomedical 2 + 2 Transfer Program, \$10,000

AKINMOLADUN, ANDREW/ABDELLATIF, NASSER — BRONX C. C.

NYS EDUCATION DEPARTMENT

Collegiate Science and Technology Entry Program (CSTEP), \$89,749
Science and Technology Entry Program (STEP), \$109,155**AKINS, DANIEL — CITY COLLEGE**

COLUMBIA UNIVERSITY

Columbia Center for Electronic Transport in Molecular Nanostructures, \$135,000

Materials Research Science and Engineering Center:
Center for Nanostructured Materials, \$187,500

NATIONAL SCIENCE FOUNDATION

IGERT: Nanostructural Materials and Devices, \$163,134

U.S. ARMY

Encapsulated Nanoscale Molecular Aggregates as Enhanced Luminophores and Chemical Sensors, \$305,556
Molecular Nanomaterials For Device Applications, \$160,000**AKST, GEOFFREY/BRAGG, SADIE — BOROUGH OF MANHATTAN C. C.**

U.S. DEPARTMENT OF EDUCATION

Strengthening Institutions Program, \$264,706

ALCABES, PHILIP — HUNTER COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)

The Problem of Biopreparedness, \$3,000

ALEXANDRATOS, SPIRO — HUNTER COLLEGE

PG RESEARCH FOUNDATION, INC.

Design and Development of Polymer-Supported Reagents for the Selective Removal of Methyl Tertiary Butyl Ether from Groundwater, \$12,000

U.S. DEPARTMENT OF ENERGY

Immobilized Ligand-Modified Scaffolds: Design, Synthesis and Ionic Recognition, \$115,000

ALFANO, ROBERT — CITY COLLEGE

LOCKHEED MARTIN ENERGY RESEARCH CORPORATION

Non-Destructive Detection of Subsurface Defects Using Thermal Imaging Technique, \$25,000

MEDIPHOTONICS DEVELOPMENT COMPANY, LLC

Development of GYN CD-Ratiometer, \$288,466

MEDISCIENCE TECHNOLOGY

Mediscience Technology Patent Funds, \$11,097

NASA

University Research Center for Optical Sensing and Imaging of the Earth and Environment, \$99,608

NEW YORK EYE AND EAR INFIRMARY

NIR Welding of Ocular Tissue, \$25,000

NORTHROP GRUMMAN

Chemical/Biological Sensor Development, \$30,000

SVT ASSOCIATES, INC.

Novel Algan-based Structures for High-Efficiency and High-Power Deep UV Emitter, \$21,435

U.S. AIR FORCE

Tunable High Efficiency Resonant Tunneling GAN/GANMQW UV Photodetectors, \$80,000

U.S. ARMY

DOD Center for Nanoscale Photonic Emitters and Sensors for Military, Medical, and Commercial Applications, \$800,000

ALTHAM, WILLIAM — JOHN JAY COLLEGE OF CRIMINAL JUSTICE

U.S. DEPARTMENT OF EDUCATION

Child Care Access Means Parents in School (CCAMPIS), \$38,169

ALTMAN, STAN — BARUCH COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)

School Safety, \$7,000

Schoolhouse Foundation Project, \$75,000

ALTMAN, STAN/VAN RYZIN, GREGG — BARUCH COLLEGE

NYC DEPARTMENT OF HEALTH AND MENTAL HYGIENE

New York City-Wide and Neighborhood Behavioral Risk Factor Surveillance System Survey, \$445,000

ALVERO, ALICIA — QUEENS COLLEGE

CAMBRIDGE CENTER FOR BEHAVIORAL STUDIES, INC.

Safety Observer Effect Across Various Work Conditions, \$500

AMBRO, JOANN — QUEENSBOROUGH C. C.

RESEARCH FOUNDATION/STONY BROOK

Bio PREP - Science Education Partnership Award Biology Partnership in Research and Education, \$26,222

ANDERSON, KELLY/RAINONE, CRYSTAL — HUNTER COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)

Every Mother's Son Website, CD-ROM, and DVD, \$4,917

ANDERSON, PAULA — QUEENS COLLEGE

U.S. DEPARTMENT OF EDUCATION

Queens College Upward Bound Program, \$429,196

ANDREOPOULOS, YIANNIS — CITY COLLEGE

U.S. ARMY

Blast Overpressure Probe Engineering Study, In Accordance With Statement of Work, \$38,445

ANTHONY-TOBIAS, SANDYE — OFFICE OF VC — STUDENT DEVELOPMENT & ENROLLMENT

NYS OFFICE OF CHILDREN AND FAMILY SERVICES

Child Care Development Block Grant, \$2,176,387

ANTONIADES, NEO — COLLEGE OF STATEN ISLAND

AMTEKRON, INC.

Optical Switching and Multi-Media Technology, \$4,000

ANTONIELLO, PATRICIA — BROOKLYN COLLEGE

HEALTH RESEARCH, INC.

Heart Health Promotion, \$45,000

APTER, ARTHUR — BARUCH COLLEGE

NATIONAL SCIENCE FOUNDATION

Mid-Atlantic Mathematical Logic Seminar (MAMLS), \$9,334

ARCARIO, PAUL — LAGUARDIA C. C.

U.S. DEPARTMENT OF EDUCATION

Title V: Developing Hispanic-Serving Institutions Program, \$424,900

ARCARIO, PAUL/EYNON, BRET — LAGUARDIA C. C.

U.S. DEPARTMENT OF EDUCATION
Strengthening Hispanic-Serving Institutions, \$621,465

ARCARIO, PAUL/FAKHARI, MOHAMMAD-REZA — LAGUARDIA C. C.

U.S. DEPARTMENT OF EDUCATION
E-Transfer Project, \$158,493

ARNASON, SIA/WALLACE, GERALD — HUNTER COLLEGE

NYS OFFICE OF TEMPORARY AND DISABILITY ASSISTANCE
The State Caretaker Legal Resource Center and Help for Caretaker's Relatives, \$41,192

ARTZT, ALICE/ANDERSON, PHILIP — QUEENS COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)
Fund for Realizing Education Excellence (FREE), \$101,403
Time 2000, \$147,664

ASHER, CARLA/MICHELLI, NICHOLAS — OFFICE OF EXECUTIVE VICE CHANCELLOR — ACADEMIC AFFAIRS

NYS EDUCATION DEPARTMENT
Teacher Opportunity Program, \$252,610

ASSER, STUART/ALLEN, KATHLEEN — QUEENSBOROUGH C. C.

HUDSON VALLEY
Verizon Next Step Program, \$24,828

AUSTIN, SHERMAINE — MEDGAR EVERS COLLEGE

NASA
An Urban Collaborative for Networking and Internet Access, \$100,000

AYALA, VICTOR — NYC COLLEGE OF TECHNOLOGY

HOSPITAL LEAGUE/1199
Academic Advisement and Career Counseling Consortium, \$85,000

AYRAVAINEN, EIJA — HUNTER COLLEGE

VARIOUS PRIVATE SOURCES
Student Services Office Staff Support, \$49,540

BARR, GORDON — HUNTER COLLEGE

NIH-NATIONAL INSTITUTE ON DRUG ABUSE (NIDA)
MIDARP at Hunter College, \$577,010
Neurobehavioral Studies of Opiate Drugs in Development, \$122,472
VARIOUS PRIVATE SOURCES
Current Issues in Developmental Psychobiology, \$19,699

BARR, GORDON/MCPHIE, ANIKA — HUNTER COLLEGE

NIH-NATIONAL INSTITUTE ON DRUG ABUSE (NIDA)
Protein Kinases and Morphine Exposure in Young Rats, \$26,990

BARR, GORDON/QUINONES, VANYA — HUNTER COLLEGE

VARIOUS PRIVATE SOURCES
MIDARP, \$421

BASU, MITRA — CITY COLLEGE

NATIONAL SCIENCE FOUNDATION
Intergovernmental Personnel Act (IPA), \$122,703

BATEMAN, KITTY — QUEENSBOROUGH C. C.

NYS EDUCATION DEPARTMENT
Vows Nursing Assistance: EDGE Literacy and Work Preparedness, \$50,000

BATES, MADELAINE/FORMAN, SUSAN — BRONX C. C.

NATIONAL SCIENCE FOUNDATION
Computer Science, Mathematics, Engineering, and Engineering Technology Scholarships Programs, \$12,615

BATTLE, JUAN — GRADUATE SCHOOL

FORD FOUNDATION
Study of Philanthropy's Field Area, \$294,400

BAUMANN, STEVEN/GRAZIANO, ROBERTA — HUNTER COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)
Development of an Interdisciplinary Advanced Certificate Program for Career Development in Gerontology, \$600

BAUMSLAG, GILBERT — CITY COLLEGE

NATIONAL SCIENCE FOUNDATION
Groups with One Defining Relation, \$52,135

BAYNE SMITH, MARCIA — QUEENS COLLEGE

NYS DEPARTMENT OF HEALTH
Heart Health Promotion, \$45,000

BECKFORD, DIANE/WATSON, SANDRA — LAGUARDIA C. C.

J.P. MORGAN CHASE FOUNDATION
CUNY Financial Literacy for Youth, \$35,000

BENENSON, GARY — CITY COLLEGE

UNIVERSITY OF WISCONSIN
System-Wide Change for All Learners and Educators, \$83,324

BENENSON, GARY/NEUJHR, JAMES — CITY COLLEGE

NATIONAL SCIENCE FOUNDATION
Teaching Technology from Everyday Stuff: Sustaining Professional Development Online, \$145,280

BENTON, NED — JOHN JAY COLLEGE OF CRIMINAL JUSTICE

COLLEGE FUND (CUNY MISCELLANEOUS)
Prison Personnel Salary Recovery, \$11,500

BERGAD, LAIRD/LEVY, TERESITA — GRADUATE SCHOOL

VARIOUS PRIVATE SOURCES
Support for the Center for Latin American, Caribbean, and Latino Studies, \$26,056

BERGOU, JANOS — HUNTER COLLEGE

U.S. CIVILIAN RESEARCH AND DEVELOPMENT FOUNDATION
Entangled Bright Light and Distant Atomic Ensembles for Quantum Communication, \$5,000

B**BAEZ, PEDRO — LEHMAN COLLEGE**

BRONX-WESTCHESTER AREA HEALTH EDUCATION CENTER
Summer Health Professional Academy, \$10,000

BAKER, HARVEY A. — QUEENS COLLEGE

ASSOCIATION FOR COMPREHENSIVE ENERGY PSYCHOLOGY
Laboratory Controlled and Blind Study Comparing Effectiveness of True vs. Sham Emotional Freedom Techniques, \$2,500

BANDOSZ, TERESA — CITY COLLEGE

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Characterization and Study of Granular Activated Carbon, \$426,488
NYS ENERGY RESEARCH & DEVELOPMENT AUTHORITY
New Sewage Sludge Based Adsorbents for Control of Acidic Gases Pollution, \$41,537
U.S. CIVILIAN RESEARCH & DEVELOPMENT FOUNDATION
Ion Exchangers from Carbon Adsorbents for Water Treating, \$5,980
US FILTER
Research, \$2,340

BANERJEE, PROBAL — COLLEGE OF STATEN ISLAND

NEW YORK UNIVERSITY
Depression, 5-HT_{1A} Receptor & Neuroplasticity, \$50,000
NIH-OFFICE OF THE DIRECTOR (NCI)
Regulation of ATPase II and Clearance of Cancer Cells, \$236,250

BARBA, JOSEPH — CITY COLLEGE

NASA
Advancing Minorities in Science and Engineering Education, \$157,608

BARGONETTI, JILL — HUNTER COLLEGE

NATIONAL SCIENCE FOUNDATION
Growth Control Regulated by P53 and MDM2, \$40,000

BERNARDIN, JUNE/THOMAS, RONALD — YORK COLLEGE

U.S. DEPARTMENT OF EDUCATION

Educational Talent Search Program, \$357,064

BERNICK, ANDREW/VEIT, RICHARD—COLLEGE OF STATEN ISLAND

HUDSON RIVER FOUNDATION

Black Crowned Night Heron Foraging Ecology in the NYC Area, \$3,000

BEVERIDGE, ANDREW — QUEENS COLLEGE

AMERICAN INSTITUTES FOR RESEARCH

Census 2000 Data and Geographic Location to the ECLS-K Data Set,
\$15,384

COLLEGE FUND (CUNY MISCELLANEOUS)

Programs in Applied Research Sociology, \$9,548

NEW YORK TIMES

Census Collaboration, \$141,064

UNIVERSITY OF MINNESOTA

National Historical Geographic Information System, \$80,776

BIRENBAUM, HELEN — GRADUATE SCHOOL

J.P. MORGAN CHASE FOUNDATION

Support for the Professional Development and Technology Laboratory,
\$26,877

VARIOUS PRIVATE SOURCES

Technology Learning Center, \$125,000

BITTMAN, ROBERT—QUEENS COLLEGE

SOUTHERN RESEARCH INSTITUTE

Trans-dodecenoyl coenzyme a, \$3,500

BLACKBURN, JAMES/GRAZIANO, ROBERTA — HUNTER COLLEGE

NYC ADMINISTRATION FOR CHILDREN'S SERVICES

MSW Program for ACS Staff, \$58,865

BLETTER, NATHANIEL — GRADUATE SCHOOL

NATIONAL SCIENCE FOUNDATION

Graduate Research Fellowships, \$82,000

BLOCK, ADRIENNE FRIED — GRADUATE SCHOOL

NATIONAL ENDOWMENT FOR THE HUMANITIES

Music in Gotham: The New York Scene 1863-1875, \$13,156

BLOCK, ADRIENNE FRIED/GRAZIANO, JOHN — GRADUATE SCHOOL

J.P. MORGAN FOUNDATION

Music in Gotham: The New York Scene 1863-1875, \$20,000

BLOOM, JOYCE — BRONX C. C.

NYS EDUCATION DEPARTMENT

Summer Food Service Program (SFSP), \$16,200

BOCCIO, DONA — QUEENSBOROUGH C. C.

UNIVERSITY SPACE RESEARCH ASSOCIATION

Analytical Spreadsheet Modeling, \$12,350

BOTMAN, SELMA/ALFANO, ROBERT — CITY COLLEGE

NYS OFFICE OF SCIENCE, TECHNOLOGY, AND ACADEMIC RESEARCH

Center for Advanced Technology (CAT) in Ultrafast Photonic Materials
and Application, \$1,000,000**BOTMAN, SELMA/BROWN, TED — OFFICE OF EXECUTIVE VICE
CHANCELLOR — ACADEMIC AFFAIRS**

NEW YORK WORK ALLIANCE

CUNY Institute for Software Design and Development at the Graduate
School and University Center, \$9,420

VARIOUS PRIVATE SOURCES

CISDD Revenue, \$22,070

**BOTMAN, SELMA/DUNN, SHARON — OFFICE OF EXECUTIVE VICE
CHANCELLOR — ACADEMIC AFFAIRS**

NEW YORK COMMUNITY TRUST

Future Teachers Cultural Passport, \$40,000

**BOTMAN, SELMA/EVERETT, CAROLYN — OFFICE OF EXECUTIVE VICE
CHANCELLOR — ACADEMIC AFFAIRS**

ALFRED P. SLOAN FOUNDATION

Ernst & Young CUNY 9/11 Partnership for Rebuilding New York,
\$315,000**BOTMAN, SELMA/MICHELLI, NICHOLAS — OFFICE OF EXECUTIVE
VICE CHANCELLOR — ACADEMIC AFFAIRS**

J.P. MORGAN FOUNDATION

Teaching Opportunity Program (TOP), \$75,000

JEWISH FOUNDATION FOR EDUCATION OF WOMEN

Teaching Opportunity Program, \$51,000

**BOTMAN, SELMA/PTACHIK, ROBERT — OFFICE OF EXECUTIVE VICE
CHANCELLOR — ACADEMIC AFFAIRS**

COLLEGE FUND (CUNY MISCELLANEOUS)

Flagship Environment Support, \$877,235

**BOTMAN, SELMA/SCHOR, LAURA — OFFICE OF EXECUTIVE VICE
CHANCELLOR — ACADEMIC AFFAIRS**

ANDREW MELLON FOUNDATION

CUNY Honors Program, \$3,236,587

**BOTMAN, SELMA/SLATER, MORTON — OFFICE OF EXECUTIVE VICE
CHANCELLOR — ACADEMIC AFFAIRS**

FAIRCHILD

Support Gateway Institute for Pre-College Education, \$288,237

**BOTMAN, SELMA/TSEGAYE, MAHLET — OFFICE OF EXECUTIVE VICE
CHANCELLOR — ACADEMIC AFFAIRS**

NEW YORK COMMUNITY TRUST

Study/Travel Opportunities for CUNY Students (STOCS) Project for
2004/2005, \$130,000**BRAGG, SADIE/JONES, JANIS — BOROUGH OF MANHATTAN C. C.**

NYS EDUCATION DEPARTMENT

SUNY Educational Opportunity Center in Manhattan: The MOUS
Training Program, \$117,047**BRAUN, CHRISTOPHER — HUNTER COLLEGE**

NIH-NATIONAL INSTITUTE OF MENTAL HEALTH (NIMH)

Scene Analysis and Cross-Modal Interactions, \$58,580

BRAUN, MARTIN — QUEENS COLLEGE

BARNARD COLLEGE

"Reviving a Classical Liberal Arts Education: Reacting to the Past",
\$18,500**BRAZILL, DERRICK — HUNTER COLLEGE**

NATIONAL SCIENCE FOUNDATION

CAREER: Signal Transduction of Eukaryotic Quorum Sensing, \$150,000

BRIER, STEPHEN/BROWN, JOSHUA — GRADUATE SCHOOL

ROCKEFELLER FOUNDATION

Chinatown Demonstration Project, \$150,000

BRIER, STEPHEN/RIVERA, ROSA — GRADUATE SCHOOL

VARIOUS PRIVATE SOURCES

Streaming Culture Graduate Students, \$49,050

BROMBERG, ELEANOR — HUNTER COLLEGE

NYC DEPARTMENT OF HEALTH AND MENTAL HYGIENE

Intensive Management Training Project, \$268,399

BROSTEK, JOSEPH — QUEENS COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)

Special Events, \$16,948

BROWER, DOROTHY — COLLEGE OF STATEN ISLAND

VARIOUS PRIVATE SOURCES

Networks Special Project, \$525,728

BROWN, HEATHER — LAGUARDIA C. C.

U.S. DEPARTMENT OF EDUCATION
Child Care Access Means Parents in School, \$108,976

BROWN, JOSHUA — GRADUATE SCHOOL

NATIONAL ENDOWMENT FOR THE HUMANITIES
Young America: Experiences of Youth in U.S. History, \$200,000
VARIOUS PRIVATE SOURCES
Funded Activities, \$173,859

BROWN, MARK — CITY COLLEGE

U.S. DEPARTMENT OF DEFENSE
Problem Solving in Probability and Statistics, \$95,000

BROWN, STACY — BROOKLYN COLLEGE

U.S. DEPARTMENT OF EDUCATION
Educational Talent Search Program, \$324,417

BROWN, TED — GRADUATE SCHOOL

ALFRED P. SLOAN FOUNDATION
Training the Next Generation of IT Professionals for New York City's Finance Industry, \$44,638
NEW YORK SOFTWARE EDUCATIONAL FOUNDATION
Curriculum Development: Intermediate & Advance Course, \$469,968
UMBANET, INC.
Umbanet and ATP, \$313,514
VARIOUS PRIVATE SOURCES
NYSTAR Match, \$27,038

BROWN, TED/SMALL, GILLIAN — OFFICE OF EXECUTIVE VICE CHANCELLOR — ACADEMIC AFFAIRS

NATIONAL SCIENCE FOUNDATION
Software Partnerships in NYC: Identifying and Developing New Ideas, \$302,772

BROWN, TED/STROZAK, VICTOR — GRADUATE SCHOOL

NATIONAL SCIENCE FOUNDATION
The AP Fellows Program: Enhancing Low-Income Urban Students' Participation and Achievement in Advanced Placement Courses, \$584,606

BROWN, TED/SUBRAMANIAM, KOLLURU—OFFICE OF EXECUTIVE VICE CHANCELLOR - ACADEMIC AFFAIRS

SUPERSTRUCTURES
System of Remote Monitoring Devices, \$6,200

BRYANT, GREGORY — JOHN JAY COLLEGE OF CRIMINAL JUSTICE

NYC DEPARTMENT OF EDUCATION
21st Century Community Learning Centers, \$2,353
NYS EDUCATION DEPARTMENT
Academic and Supportive Services, \$172,060

BUCKLEY, ROBERT — HUNTER COLLEGE

NYC DEPARTMENT OF EDUCATION
Scholarship Program at Hunter College, \$42,456

BUCKLEY, ROBERT/CARREIRO, JOEL — HUNTER COLLEGE

U.S. DEPARTMENT OF EDUCATION
Jacob Javits Fellowship, \$64,592

BUCKLEY, ROBERT/VINAL, CORRINE — HUNTER COLLEGE

GENERAL ELECTRIC
General Electric Foundation Scholars Program for Manhattan Center for Science and Mathematics, \$82,800

BUCKLEY, TAMARA — HUNTER COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)
An Exploration of Gender Role Identity and Self Esteem in Black and Hispanic Adolescent Males, \$2,500
Black Adolescent Girl Self Esteem: Do Gender-Role Identity and Racial Identity Have an Impact?, \$4,000

BUFFENSTEIN, ROCHELLE — CITY COLLEGE

NIH-NATIONAL INSTITUTE ON AGING (NIA)
Mechanisms of Aging in the Long-Lived Naked Mole-Rat, \$295,343

BUSBY, ALAN/WALLMAN, JOSHUA — CITY COLLEGE

NIH-NATIONAL EYE INSTITUTE (NEI)
The Role of Visual Stimuli in Emmetropization and Myopia (Clinical Investigator Award: For Promising Medical Students or Faculty Members to Pursue Research Aspects of Areas Applicable to the Unit and Aid in Filling the Gap in These Shortage Areas), \$134,717

CALL, DIANE/KOTKIN, LAURA — QUEENSBOROUGH C. C.

COLLEGE FUND (CUNY MISCELLANEOUS)
Coordinator of the Port of Entry Program, \$190,000

CANATE, HUMBERTO — HOSTOS C. C.

UNIVERSITY OF TEXAS
Projecto Access, \$81,060

CANATE, HUMBERTO/BIRD-FORTEZA, WILLIAM/TEANO, EDISON — HOSTOS C. C.

NYS EDUCATION DEPARTMENT
STEP/Projecto Access, \$74,145

CAPUANO, LORETTA — LAGUARDIA C. C.

NYS EDUCATION DEPARTMENT
VATEA: Creation of a Professional Development Center: Assessment, Technology and Leadership Development, \$1,298,722

CARBONELLA, AUGUST — QUEENS COLLEGE

NYC DEPARTMENT OF EDUCATION
Queens College and Townsend Harris High School Collaboration: The Past, Present, and Future, \$243,598

CARDOSO, ELIZABETH — HUNTER COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)
Stages of Change Among Substance Abuse Clients in Outpatient, \$4,000

CAREF, ANITA — BROOKLYN COLLEGE

NYS DEPARTMENT OF LABOR
Adult Literacy Program, \$51,340

CARLIN, MARIANNE — COLLEGE OF STATEN ISLAND

NYS EDUCATION DEPARTMENT
Course Management Advisement for Computer Technology and Business AAS Students, \$299,623

CARTER, HAZEL/KAHN, ARLENE — LAGUARDIA C. C.

U.S. DEPARTMENT OF EDUCATION
Gaining Early Awareness and Readiness for Undergraduate Programs (GEAR UP), \$1,519,988

CARTER, RON — LEHMAN COLLEGE

NATIONAL COLLEGIATE ATHLETIC ASSOCIATION
2003 National Youth Sports Program, \$65,621
NYS EDUCATION DEPARTMENT
Summer Food Service Program, \$20,146

CATAPANE, EDWARD — MEDGAR EVERS COLLEGE

NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCE (NIGMS)
Medgar Evers/Kingsborough Bridge Program, \$213,572
NYS EDUCATION DEPARTMENT
Biology Collegiate Science and Technology Entry Program (CSTEP), \$83,718

CHANCE, MICHAEL — MEDGAR EVERS COLLEGE

UNITED WAY
CAPS Wingate Program, \$66,800

CHAO, DER-LIN — HUNTER COLLEGE

U.S. DEPARTMENT OF EDUCATION
Web-Based Chinese Literacy Development Project, \$114,084

C

CHAPPELL, RICHARD—HUNTER COLLEGE

FIGHT FOR SIGHT

Retinal Zinc and Its Removal In Vision and Disease, \$8,000

CHARLOP, VIVIAN — QUEENS COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)

Center for the Performing Arts Full Time, \$432,772

Center for the Performing Arts Part Time, \$176,170

NYS DEPARTMENT OF STATE

Colden Center for the Performing Arts, \$5,000

CHAUHAN, BHANU — COLLEGE OF STATEN ISLAND

OTHER FEDERAL

Visualization and Analysis Tools for Combinatorial and High Throughput

Images of Polymer Characterization, \$152,714

CHEN, PEGGY—HUNTER COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)

Exploring the Calibration and Prediction of the Self Efficacy Beliefs of Middle School Students in Math, According to Task Difficulty: A Cross-National Comparison, \$2,500

Investigating Teacher Candidates' Self-Regulating Learning Through Classroom Projects in Assessment Course, \$5,000

CHEN, SHEYING — COLLEGE OF STATEN ISLAND

SHENZHEN ASSOCIATION

Public Policy and Development Strategy: An International Comparative Study, \$22,780

CHEN, YING-CHIH — HUNTER COLLEGE

SPECTRONIX SYSTEMS INC.

CAT Matching: Phase-Locked Fiber Laser Array, \$12,000

CHIN, GEORGE — OFFICE OF VC — STUDENT DEVELOPMENT & ENROLLMENT

COLLEGE FUND (CUNY MISCELLANEOUS)

Job Location and Development Program: \$63,574

CHIN, GEORGE/AMY, LYDIA—OFFICE OF VC—STUDENT DEVELOPMENT & ENROLLMENT

COLLEGE FUND (CUNY MISCELLANEOUS)

CUNY Financial Aid Conference, \$3,975

CHIN, GEORGE/FRIEDMAN, PHILLIP—OFFICE OF VC—STUDENT DEVELOPMENT & ENROLLMENT

COLLEGE FUND (CUNY MISCELLANEOUS)

CUNY Miscellaneous, \$7,257

CHIN, MARGARET MAY — HUNTER COLLEGE

WOODROW WILSON NATIONAL FELLOWSHIP FOUNDATION

Career Enhancement Award, \$15,000

CHUDNOVSKY, EUGENE — LEHMAN COLLEGE

NATIONAL SCIENCE FOUNDATION

ITR: Theory of Nanomagnets, \$232,453

U.S. DEPARTMENT OF ENERGY

Statics and Dynamics of Magnetic Flux in High Temperature Superconductors, \$50,000

CIACCIO, LEONARD — COLLEGE OF STATEN ISLAND

NYC DEPARTMENT OF EDUCATION

Technical Preparation, \$99,000

CIACCIO, LEONARD/SANDERS, JAMES — COLLEGE OF STATEN ISLAND

NYS EDUCATION DEPARTMENT

Discovery CSTEP, \$83,718

Discovery Institute, \$117,155

Project Discovery, \$200,304

U.S. DEPARTMENT OF EDUCATION

FIPSE: The College Skills Institute, 13th Year, \$127,410

Transition of Teaching Program: Local, \$386,624

CINTRON-NABI, DORIS — CITY COLLEGE

U.S. DEPARTMENT OF EDUCATION

Bilingual Teacher Internship Program: A Career Ladder Initiative for Bilingual Paraprofessionals in NYC Public Schools, \$250,000
Teachers for Speakers of Other Languages Development Project, \$284,698**CLAYMAN, DEE/FAIREY, EMILY — GRADUATE SCHOOL**

NATIONAL ENDOWMENT FOR THE HUMANITIES

Database of Classical Bibliography, \$175,000

VARIOUS PRIVATE SOURCES

Database of Classical Bibliography, \$20,450

CLAYMAN, DEE/PILNEY, COLIN — GRADUATE SCHOOL

NATIONAL ENDOWMENT FOR THE HUMANITIES

Database of Classical Bibliography, \$18,596

CLEAR, TODD — JOHN JAY COLLEGE OF CRIMINAL JUSTICE

JEHT FOUNDATION (JUSTICE, EQUALITY, HUMAN DIGNITY, AND TOLERANCE)

The Impact of Concentrated Incarceration on Public Safety:

Three Strategic Replication Studies, \$100,000

OPEN SOCIETY

Changing Public Perception of Incarceration Policy by Documenting and Publicizing Its Impact on Communities, \$180,000

CLEARY, SEAN/TABACK, JENNIFER — CITY COLLEGE

NATIONAL SCIENCE FOUNDATION

US/Spain Cooperative Research: Metric Properties of Thompson's Group, \$14,140

COCCO DE FILIPPIS, DAISY/RODRIGUEZ, ESTHER — HOSTOS C. C.

COLUMBIA UNIVERSITY

Serrano Scholars Program, \$445,675

COGSWELL, MICHAEL — QUEENS COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)

Louis Armstrong House, \$219,627

COHEN, BRIAN — OFFICE OF THE CHIEF INFORMATION OFFICER

APPLE COMPUTER, INC.

Support for Creation and Dissemination of Technology and Educationally Based Media for Intra-Campus Technology Systems Involving CUNY-Wide Administrative Support, \$221,529

COHEN, BRIAN/WAGNER, COLETTE—OFFICE OF VC—BUDGET & FINANCE

COLLEGE FUND (CUNY MISCELLANEOUS)

Open Systems Center, \$2,200

COHEN, BRIAN/RIBAUDO, MICHAEL — OFFICE OF THE CHIEF INFORMATION OFFICER

COLLEGE FUND (CUNY MISCELLANEOUS)

MCI Commission: The Creation and Dissemination of Technology and Educationally Based Media for Intra-Campus Technology Systems Involving CUNY-Wide Administrative Support, \$25,351

COHEN, BRIAN/STEPHENS, ROBIN — OFFICE OF THE CHIEF INFORMATION OFFICER

VARIOUS PRIVATE SOURCES

The Vice Chancellor Office for Budget, Finance, and Information Systems Purchase of Computer Time, \$42,194

COHEN, LEON — HUNTER COLLEGE

U.S. AIR FORCE

Signal and Image Processing in Different Representations, \$58,000

COHEN, SHIRLEY — HUNTER COLLEGE

NYS EDUCATION DEPARTMENT

Develop and Deliver Undergraduate and Inservice Courses Relating to the Education of Students with Autism Spectrum Disorders, \$25,000

COLAROSSI, ANTHONY — KINGSBOROUGH C. C.

U.S. DEPARTMENT OF EDUCATION

Student Support Services, \$223,274

COLON-PAPA, ZULLY — HUNTER COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)
Child Care Center, \$8,160
U.S. DEPARTMENT OF EDUCATION
Child Care Access Means Parents in School, \$133,544

COMMONER, BARRY/MARKOWITZ, STEVEN — QUEENS COLLEGE

PHILANTHROPIC COLLABORATIVE, INC.
Genetic Engineering, \$140,000

CONTE, ANITA—COLLEGE OF STATEN ISLAND

JOHNS HOPKINS UNIVERSITY
Reduction of Captivity Stress in Chronically Housed Pigeons through an Enriched Environment Program, \$6,000

COOLEY, LAUREL — GRADUATE SCHOOL

RUTGERS UNIVERSITY
Mathematics in America's Cities: Children, Teachers, and Communities, \$366,663

CORBURN, JASON — HUNTER COLLEGE

CDC-AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY (ATSDR)
Asthma and Hazardous Substances Applied Research and Development: Special Cooperative Investigations and Assessment of Control/Prevention Methods, \$100,000
NYS DEPARTMENT OF HEALTH
NYS Health Workforce Retraining Initiative Grant Program, \$401,956

CORBURN, JASON/KOTELCHUCK, DAVID — HUNTER COLLEGE

VARIOUS PRIVATE SOURCES
Hazardous Waste Worker Training, \$53,228

CORRADETTI, ARTHUR/MARTI, EDUARDO — QUEENSBOROUGH C. C.

QUEENSBOROUGH COMMUNITY COLLEGE
QCC Administrative Activity, \$145,111

CORRENTI, WILLIAM — KINGSBOROUGH C. C.

COLLEGE FUND (CUNY MISCELLANEOUS)
Kingsborough Community College Association, \$382,533
NYC CITY COUNCIL
Alcohol and Substance Abuse Prevention: Kingsborough's Positive Alternative to Substance Abuse, \$250,000
NYS DEPARTMENT OF HEALTH
Health Support Staff/Management Computer Training Initiative: Health Workforce Retraining Initiative Grant Program, \$316,707
NYS EDUCATION DEPARTMENT
Carl D. Perkins Vocational and Technical Education Act, \$996,756
Liberty Partnerships Program, \$232,500
VETERANS ADMINISTRATION
Annual Reporting Fees, \$692

CORRENTI, WILLIAM/MARSHALL, EMILY MAC — KINGSBOROUGH C. C.

NYS EDUCATION DEPARTMENT
Science and Technology Entry Program (STEP), \$50,000

COUTURE, JOSEFINA — JOHN JAY COLLEGE OF CRIMINAL JUSTICE

U.S. DEPARTMENT OF EDUCATION
TRIO Talent Search Program, \$369,040
YMCA
Educational Talent Search Program, \$5,000

COUZIS, ALEXANDER — CITY COLLEGE

NASA
Aqueous Spreading on Hydrophobic Surfaces, \$99,567

COWIN, STEPHEN — CITY COLLEGE

NATIONAL SCIENCE FOUNDATION
RCN: Communications Media for Mineralized Tissue Research, \$96,023
U.S. DEPARTMENT OF EDUCATION
Graduate Training in Mathematical Modeling of Biological Systems, \$131,184
WHITAKER FOUNDATION
Tissue Mechanics, \$49,944

CRACOVIA, THOMAS — QUEENS COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)
Center for Unlimited Enrichment Staff Salaries, \$25,411
Continuing Education Full Time, \$1,487,386
Continuing Education Part Time, \$175,098

CRANGANU, CONSTANTIN — BROOKLYN COLLEGE

AMERICAN CHEMICAL SOCIETY
Capillary Sealing in the Anadarko Basin, \$40,000

CREANGE, DANIEL — CITY COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)
CCNY Biomedical Engineering Lab Contract Matching Fund/ President's Discretionary Fund, \$727,968

CROLL, SUSAN — QUEENS COLLEGE

EPILEPSY FOUNDATION
Role of VEGF in Seizure-Related Inflammation and Increased Vascular Density, \$3,000
SCLERODERMA FOUNDATION
Inflammation Induced by Sympathetic Overactivation: Evaluation of a Potential Animal Model for Scleroderma Features and Etiology, \$25,000

CROMER, FRANCOISE — BRONX C. C.

U.S. DEPARTMENT OF EDUCATION
Student Support Services Program, \$549,361

CUCCHAIARA, ANTHONY—BROOKLYN COLLEGE

NEW YORK METRO REFERENCE AND RESEARCH LIBRARY
Documentary Heritage Program: An Archival Survey of the Records of the Jamaican and Trinidadian Communities, \$5,500

CUNNINGHAM, CECILIA — LAGUARDIA C. C.

COLLEGE FUND (CUNY MISCELLANEOUS)
MCN Consortium, \$446,740

CUNNINGHAM, JULIE — GRADUATE SCHOOL

VARIOUS PRIVATE SOURCES
Library, \$46,879

CURCIO, FRANCES — QUEENS COLLEGE

HORIZON RESEARCH, INC.
Assessing Teachers' Mathematical and Pedagogical Knowledge, \$7,000
NYS DEPARTMENT OF EDUCATION
Evaluation of Region 9/District 2 (National Science Foundation Teacher Enhancement), \$68,639

CURRAH, PAISLEY — GRADUATE SCHOOL

VARIOUS PRIVATE SOURCES
Center for Lesbian and Gay Studies, \$30,000

CURRAN, JAMES — JOHN JAY COLLEGE OF CRIMINAL JUSTICE

NYC POLICE DEPARTMENT
Emergency Psychology Technician (EPT) Program for Police Officers in Assessing and Managing Crisis Situations that Involve Emotionally Disturbed Individuals, \$228,738

CURRAN, JAMES/HAIRSTON, DEBRA — JOHN JAY COLLEGE OF CRIMINAL JUSTICE

COLLEGE FUND (CUNY MISCELLANEOUS)
Hungary: FBI Special Programs, \$98,641
NYC DEPARTMENT OF EDUCATION
Tutoring and Mentoring Services for Bronx Middle School Students, \$43,588

CURTIS, RICHARD—JOHN JAY COLLEGE OF CRIMINAL JUSTICE

COLLEGE FUND (CUNY MISCELLANEOUS)
Anthropology Departmental Activities, \$2,629

CYRIL, JANET — LAGUARDIA C. C.

NYS EDUCATION DEPARTMENT
CUNY CATCH Program: CUNY Alliance for Transitional Career Help, \$357,180

CYRIL, JANET/FARRELL, SAMUEL — LAGUARDIA C. C.

NYS EDUCATION DEPARTMENT
VATEA Incarcerated Program, \$27,000

CZARNOCHA, BRONISLAW/PARBHU, VRUNDA — HOSTOS C. C

NATIONAL SCIENCE FOUNDATION
Introducing Indivisibles into Calculus Instruction, \$124,422

DAIUTE, COLETTE/FINE, MICHELLE — GRADUATE SCHOOL

VARIOUS PRIVATE SOURCES
Social Justice and Social Development, \$18,856

DANNENBERG, JOSEPH — HUNTER COLLEGE

AMERICAN CHEMICAL SOCIETY
Molecular Orbital Studies of the Effects of Hydrogen-Bond
Cooperativity upon the Secondary Structure of Polypeptides, \$40,000

DANVERS, MICHELLE — BRONX C. C.

U.S. DEPARTMENT OF EDUCATION
Upward Bound Program, \$516,566

DAVIS, JOHN — BRONX C. C.

U.S. DEPARTMENT OF AGRICULTURE
Animal Care and Management, \$107,356

DAVIS, RICHARD — COLLEGE OF STATEN ISLAND

NIH-NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES
(NIAID)
In Vivo Analysis of SL Addition in Ascaris Embryos, \$261,250
UNIVERSITY OF PENNSYLVANIA
Development of Molecular Genetics Tools for Parasitic Helminths,
\$143,400

DE GAETANO, YVONNE — HUNTER COLLEGE

U.S. DEPARTMENT OF EDUCATION
Teachers and Personnel Grants: Hunter College Bilingual Teacher
Education Project, \$199,520

DEAGAN, DENISE/KIERAN, MARY — BOROUGH OF MANHATTAN C. C.

NYS EDUCATION DEPARTMENT
Family Literacy Program, \$249,998

DEAUX, KAY — GRADUATE SCHOOL

NATIONAL SCIENCE FOUNDATION
Minority Postdoctoral Research Fellowships and Supporting Activities,
\$10,000

DEB, PARTHA — HUNTER COLLEGE

INDIANA UNIVERSITY
Health Plan Choice and Utilization: The Role of Attributes, \$19,500
Impact of Managed Care on the Demand for Preventative and Curative
Medical Service: A Self-Selection Approach, \$17,427
INTERNATIONAL LONGEVITY CENTER, USA
Medicare and Disparities in Health in the US, \$10,000

DELALE, FERIDUN/BENENSON, GARY/HAMMOND, JOHN — CITY COLLEGE

NATIONAL SCIENCE FOUNDATION
Redefining Mechanical Engineering: Systemic Reform of the Mechanical
Engineering Program at CCNY, \$1,500,000

DELAMATER, ANDREW — BROOKLYN COLLEGE

NIH-NATIONAL INSTITUTE OF MENTAL HEALTH (NIMH)
US Specific and General Processes in Pavlovian Learning, \$206,550

DELGADO, ROBERTO — HUNTER COLLEGE

PRIMATE CONSERVATION, INC.
Long Call Duration as a Means of Determining Local Orangutan
Population Density, \$1,000

DELLAPINA, MARIO — QUEENS COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)
Office of the Vice President, \$127,052

DELSON, ERIC — GRADUATE SCHOOL

NATIONAL SCIENCE FOUNDATION
IGERT: Reinvigoration and Reorientation of New York Consortium in
Evolutionary Primatology (NYCEP), \$816,535
Research and Training in Evolution Primatology, \$99,896

DENBOER, MARTEN — HUNTER COLLEGE

BROOKHAVEN NATIONAL LABORATORY
Research Support, \$10,000

DENN, MORTON — CITY COLLEGE

NATIONAL SCIENCE FOUNDATION
IGERT: Multiscale Phenomena in Soft Materials, \$694,760
Size-Scale Sensitivity in Multiphase Systems with a Liquid Crystalline
Phase, \$6,024

DEYCH, LEV/LISYANSKY, ALEXANDER — QUEENS COLLEGE

U.S. AIR FORCE
Bragg Multiple Quantum Wells: Tunable Cavities for Optoelectronic
Application, \$271,676

DIBELLO, LIA — GRADUATE SCHOOL

NATIONAL SCIENCE FOUNDATION
Meeting the Performance Challenge of Low Wage Workers Who Need
to Perform at a High Wage Standard: Engineering Aggressive Learning
Interventions into Work, \$100,000
NYC TRANSIT AUTHORITY
Conceptual Training for Midas, \$44,279

DIEM, MAX — HUNTER COLLEGE

NIH-NATIONAL CANCER INSTITUTE (NCI)
Infrared Microspectroscopy for Cervical Cancer Screening, \$415,630
VARIOUS PRIVATE SOURCES
International Conference: Shedding Light on Disease Corporate
Sponsors, \$60,557
Research Support, \$7,000

DIGANGI, MARIO — LEHMAN COLLEGE

THOMAS WATSON FOUNDATION
Jeannette K. Watson Fellowship Program, \$1,500

DIGBY, ANNETTE/ROTHSTEIN, ANNE/GERBACIA, MARYANN — LEHMAN COLLEGE

U.S. DEPARTMENT OF EDUCATION
College/School Technology Connections Through Professional
Development School Sites, \$198,700

DILORENZO, CHRISTINE — BRONX C. C.

OASH-OFFICE OF MINORITY HEALTH (OMH)
Workshop on Violence Prevention and Self Protection, \$2,500

DIYAMANDOGLU, VASIL — CITY COLLEGE

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Provide Detailed Instruction, Laboratory Demonstration and Skills
Training, Archive Services to DEP Employees on Water Plant Operator
Training Program, \$40,580
NYC DEPARTMENT OF SANITATION
New York City Reusable Solid Waste Materials Exchange Matchmaking
Project, \$25,000

DOBROF, ROSE/GILBERTO, PASQUALE — HUNTER COLLEGE

ABRONS GENERAL FUND
Abrons General Fund, \$30,000

DOMINGO, JANNETTE — JOHN JAY COLLEGE OF CRIMINAL JUSTICE

U.S. DEPARTMENT OF EDUCATION
Ronald E. McNair Postbaccalaureate Achievement Program, \$255,473

DONOVAN, RICHARD/SCHAIER-PELEG, BARBARA — BRONX C. C.

FORD FOUNDATION
New Linkages, \$200,000

DORSINVILLE, ROGER/WALSER, ARDIE — CITY COLLEGE

LAWRENCE LIVERMORE NATIONAL LAB
Two Photon Absorption Spectroscopy and Imaging of Glasses and Crystals, \$30,000

DOTTIN, ROBERT — HUNTER COLLEGE

BROWN UNIVERSITY
Leadership Alliance, \$15,500

DOWNING, ARTHUR/BIDDLE, STANTON F. — BARUCH COLLEGE

NYS EDUCATION DEPARTMENT
State Grant for Library Collection Development, \$17,427

DRAIN, CHARLES MICHAEL — HUNTER COLLEGE

NATIONAL SCIENCE FOUNDATION
Hierarchical Self-Assembly and Characterization of Photonic Materials, \$111,125

U.S. DEPARTMENT OF COMMERCE-NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY
Nanoprinting of Molecular Electronic and Organic Light Emitting Devices, \$4,776

DRAIN, CHARLES MICHAEL/TODARO, LOUIS — HUNTER COLLEGE

VARIOUS PRIVATE SOURCES
Protein CAD 4 Research Support, \$750

DUBETZ, NANCY/ROTHSTEIN, ANNE — LEHMAN COLLEGE

U.S. DEPARTMENT OF EDUCATION
Para-Educator: Transition to Teaching, \$265,380

DUDA, DESIREE — LAGUARDIA C. C.

ROCHESTER INSTITUTE OF TECHNOLOGY
Post-Secondary Education Programs for Individuals Who Are Deaf, \$91,335

DYASI, HUBERT — CITY COLLEGE

NYC DEPARTMENT OF EDUCATION
Developing Teaching Facilitators, \$38,950

EISMAN, LAWRENCE — QUEENS COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)
Queens College Department Services Fund: Music, \$189,579

EL IDRISSE, ABDESLEM — COLLEGE OF STATEN ISLAND

FRAXA RESEARCH FOUNDATION
The Molecular Basis of Increased Seizure Severity in the Fragile X Knockout Mouse, \$8,750

ELLINAS, GEORGIOS/ALI, MOHAMED — CITY COLLEGE

AMTEKRON, INC.
Optical Switching & Multi-Media Technology, \$23,000

ELLIOT, JOHN — BARUCH COLLEGE

RESEARCH FOUNDATION/SUNY
New York State Small Business Development Center (SBDC): Baruch College Outreach Center, \$294,980

ELLIS, KAREN — BARUCH COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)
Office of College Advancement, \$48,942

ENGEL, ROBERT — QUEENS COLLEGE

JOHNSON & JOHNSON
Development of Antibacterial Antifungal Surfaces for Wound Dressing, \$62,272

ENGELBERG, DON — QUEENSBOROUGH C. C.

NYS EDUCATION DEPARTMENT
Perkins 2004: Major Effort 3, \$738,186

EPSTEIN, CYNTHIA/SAUTE, ROBERT — GRADUATE SCHOOL

VARIOUS PRIVATE SOURCES
Public Interest Law Project, \$38,775

EPSTEIN, SUSAN — HUNTER COLLEGE

NATIONAL SCIENCE FOUNDATION
Integrating Planning and Search Methods to Solve Constraint Problems, \$380,535

ERICKSON, KENNETH/MARKOVITZ, IRVING — GRADUATE SCHOOL

VARIOUS PRIVATE SOURCES
Journal of Comparative Politics, \$70,454

EVANS, CHERICE — QUEENS COLLEGE

AMERICAN CHEMICAL SOCIETY
Structure of Molecular Rydberg States in Supercritical Fluids, \$35,000

EVELYN, ALAN — BARUCH COLLEGE

L&A INCORPORATED
Dr. Mayo's Calculations, \$5,000

FARISELLI, UGO/MAGDALENO, JOSE — LEHMAN COLLEGE

LEHMAN COLLEGE ASSOCIATION
Campus Activities FY04, \$382,516

FARRELL, SAMUEL/CHIARKAS, JOHN — LAGUARDIA C. C.

NYS EDUCATION DEPARTMENT
Carl D Perkins V-TEA Incarcerated Program, \$20,000

FARNLEY, STEPHEN — YORK COLLEGE

AMERICAN CHEMICAL SOCIETY
Intramolecular Cycloadditions of N-Substituted Oxazolones, \$27,742

FENG, JIMMY — CITY COLLEGE

ATOFINA CHEMICALS, INC.
Rheological Models and Simulation for Thermoplastic Foams, \$14,200

FERIA, ERLAN — COLLEGE OF STATEN ISLAND

U.S. AIR FORCE
A Predictive-Transform (PT) Compression Architecture and Methodology for Kasper Systems, \$299,937

E**EBENSTEIN, WILLIAM/MOGULESCU, JOHN — OFFICE OF EXECUTIVE VICE CHANCELLOR — ACADEMIC AFFAIRS**

HOSPITAL LEAGUE/1199 — BILL MICHELSON
Occupational/Educational Upgrade Project, \$175,000

ECKHARDT, LAUREL — HUNTER COLLEGE

NIH-NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES (NIAID)
Gene Expression in Myeloma Cells, \$298,500

ECKHARDT, RONALD — BROOKLYN COLLEGE

NYS EDUCATION DEPARTMENT
Science and Technology Entry Program (STEP), \$69,080

EDWARDS, LINDA/BAUER-MAGLIN, NAN — GRADUATE SCHOOL

COLLEGE FUND (CUNY MISCELLANEOUS)
CUNY Bachelor of Arts/Bachelor of Science Program, \$33,122

EGBE, EMMANUEL — MEDGAR EVERS COLLEGE

NYC DEPARTMENT OF TRANSPORTATION
Transportation and Job Access for Low Income and Public Assistance Users, \$90,501

EHLSCHLAEGER, CHARLES — HUNTER COLLEGE

U.S. ARMY
Quantify Effects of TES Habitat Fragmentation Monitoring Using NASA Modis Imagery and Products for Southeast Sand Hills and Southwest Sonora Ecosystems, \$15,000

EHRI, LINNEA — GRADUATE SCHOOL

U.S. DEPARTMENT OF EDUCATION
Guided Repeated Oral Reading of Text: Effects of Word Enrichment for Struggling Readers, \$135,262

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FERNANDEZ, DOLORES/ACQUAH, KENNETH — HOSTOS C. C

COLLEGE FUND (CUNY MISCELLANEOUS)
Institutional Advancement, \$416,689

FIELDS, DAVE—CUNY LAW SCHOOL — QUEENS COLLEGE

VARIOUS PRIVATE SOURCES
CUNY Law School, \$132,000
CUNY Graduate School of Journalism, \$50,000

FIELDS, DAVE/ARENA, MICHAEL —OFFICE OF THE CHANCELLOR

VARIOUS PRIVATE SOURCES
CUNY.Edu Media Group, \$2,500

FIELDS, DAVE/WILLIAMS, WILLIAM — CUNY LAW SCHOOL — QUEENS COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)
Child Care, \$129,500

FIGUEIREDO-PEREIRA, MARIA — HUNTER COLLEGE

NIH-NATIONAL INSTITUTE OF NEUROLOGICAL DISORDERS AND STROKE (NINDS)
Ubiquitinated Protein Degradation and Neurodegeneration, \$257,201

FILBIN, MARIE — HUNTER COLLEGE

JOHNS HOPKINS UNIVERSITY
Strategies to Encourage Grafted ES-derived Motor Neurons to Regenerate in Vivo, \$70,000
NATIONAL MULTIPLE SCLEROSIS SOCIETY
Blocking the Inhibition of Axonal Regeneration by MAG/Myelin (Myelin Associated Glycoprotein), \$150,348
NIH-NATIONAL INSTITUTE OF NEUROLOGICAL DISORDERS AND STROKE (NINDS)
Role of Myelin in Spinal Cord Regeneration, \$320,625
Specialized Neuroscience Research Program (SNRP) at Hunter College, \$1,531,770
NYS DEPARTMENT OF HEALTH
Overcoming Myelin Inhibitors To Promote Regeneration In Vivo, \$1,054,018

FISHER, HILRY — GRADUATE SCHOOL

U.S. DEPARTMENT OF EDUCATION
Jacob Javits Fellowship, \$32,796

FLANAGAN, MARY — HUNTER COLLEGE

NEW YORK UNIVERSITY
Rapunzel Project, \$48,801

FLATEAU, JOHN/SIMMONS, ESMERALDA — MEDGAR EVERS COLLEGE

NYC CITY COUNCIL
MEC MBE/WBE Disparity Study, \$160,473

FLORES, ROSEANNE—HUNTER COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)
A Look at the Relationship Between Music and Young Children's Academic Skills, \$4,500

FLUGMAN, BERT — GRADUATE SCHOOL

CON EDISON
Project STIR, \$5,000
LITERACY TRUST
Reading Rescue Program Evaluation, \$100,000
NYC DEPARTMENT OF EDUCATION
Evaluation of the NYC Public School Leadership Development Initiative, \$156,846
PRIVATE ORGANIZATIONS
Goods and Services, \$15,895
VARIOUS PRIVATE SOURCES
Project STIR, \$869

FLUGMAN, BERT/HECHT, DEBORAH — GRADUATE SCHOOL

HOFSTRA UNIVERSITY
Mathematics Across MST Curriculum, \$200,000

FOCARILE, JAMES — GRADUATE SCHOOL

VARIOUS PRIVATE SOURCES
Martin E. Segal Theatre Center, \$71,000

FODOR, JANET/VIGER, TANYA — GRADUATE SCHOOL

NATIONAL SCIENCE FOUNDATION
Doctoral Dissertation Research: Linguistics Uses of Fundamental Frequency in Mandarin and English: Implications for Second Language Speakers, \$11,526

FONT, MAURICIO — GRADUATE SCHOOL

VARIOUS PRIVATE SOURCES
Bildner Center, \$65,625

FOSNOT, CATHERINE/CAMERON, ANTONIA — CITY COLLEGE

VARIOUS PRIVATE SOURCES
Mathematics in the City: Mathematics Education at CCNY, \$53,729

FOSNOT, CATHERINE/HERSCH, SHERRIN — CITY COLLEGE

NYC DEPARTMENT OF EDUCATION
Mathematics in the City: Professional Development Workshops to Reform Math Education of Teachers in Manhattan, \$188,049

FOSTER, DAVID — HUNTER COLLEGE

NIH-OFFICE OF THE DIRECTOR (NCI)
Mitogenic Signaling Through RAL A and Phospholipase D, \$221,813

FOSTER, GREGORY — HUNTER COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)
Atom-Cavity System or Studies of Coherent Quantum Control, \$2,500
RESEARCH CORPORATION
Spin Squeezing and Entanglement of Cold Atoms for Applications in Precision Measurements and Quantum Information, \$19,572

FRANCESCONI, LYNN—HUNTER COLLEGE

NEW YORK UNIVERSITY
Radio Labeling CLK Peptide, \$5,000

FRANCESCONI, LYNN/QUIGLEY, GARY—HUNTER COLLEGE

VARIOUS PRIVATE SOURCES
CUNY X-ray Facility, \$9,965

FRANCK, RICHARD — HUNTER COLLEGE

EMORY UNIVERSITY
NIAID Tetramer Facility, \$98,405
IRENE DIAMOND FOUNDATION
Collaborative Research, \$53,040
NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCE (NIGMS)
C-Glycosides Via the Ramberg-Backlund Reaction, \$332,603

FRANCK, RICHARD/SOLL, CLIFF—HUNTER COLLEGE

VARIOUS PRIVATE SOURCES
Mass Spectrometer, \$2,200

FREDERICKSON, KEVILLE — LEHMAN COLLEGE

INTER AMERICAN UNIVERSITY OF PUERTO RICO, INC.
Cross Cultural Health Care (CCHC), \$23,364

FREUDENBERG, NICHOLAS — HUNTER COLLEGE

FORTUNE SOCIETY
Developing Leadership to Reduce Substance Abuse, \$4,114
NEW YORK ACADEMY OF MEDICINE
Health Promotion and Disease Prevention, \$6,550
UNION HEALTH CENTER
Program Development and Evaluation: Nutrition Program for Low Wage Immigrant Garment Workers, \$34,016

FREUDENBERG, NICHOLAS/KRAUSS, BEATRICE — HUNTER COLLEGE

NIH-NATIONAL INSTITUTE ON DRUG ABUSE (NIDA)
Impact/HIV Intervention: Adolescent Males Leaving Jail, \$602,184
NYC DEPARTMENT OF HEALTH AND MENTAL HYGIENE
Replication of Health Link Model Program for Men Remanding to the New York City Department of Corrections, \$29,526

FRICK, CHARLOTTE — GRADUATE SCHOOL

U.S. DEPARTMENT OF EDUCATION
Fulbright-Hays Doctoral Dissertation Research Abroad, \$75,773

FRIEDLANDER, JUDITH/HENDERSON, ANN — HUNTER COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)
Program Support, \$3,080

FRIEDMAN, HERSHEY H. — BROOKLYN COLLEGE

EWING MARION KAUFFMAN FOUNDATION
2003 Kauffman Entrepreneur Internship Program, \$12,000

FRITTON, SUSANNAH — CITY COLLEGE

WHITAKER FOUNDATION
Delineating the Pathways of Bone Interstitial Fluid Flow, \$159,265

GERWIN, DAVID — QUEENS COLLEGE

NYC DEPARTMENT OF EDUCATION
Enlivening American History Through Primary Sources, \$156,021
Teaching American History Program, \$93,815

GHOSE, RANAJEET — CITY COLLEGE

NATIONAL SCIENCE FOUNDATION
Career: NMR Insights into the Influence of Dynamics on SH3 Domain Mediated Protein Interactions, \$71,336

GIBSON, MARY — JOHN JAY COLLEGE OF CRIMINAL JUSTICE

NIH-NATIONAL LIBRARY OF MEDICINE (NLM)
Biology and Crime: Translation of a Classic Text, \$50,221

GIGLIOTTI, EILEEN — COLLEGE OF STATEN ISLAND

AMERICAN NURSES ASSOCIATION
Maternal Student Role Stress During Concurrent Transitions, \$500

GILBERTO, LINDA/SCHULMAN, JANE — LAGUARDIA C. C.

COLLEGE FUND (CUNY MISCELLANEOUS)
Program Development, \$880,225

GILBERTO, PASQUALE — HUNTER COLLEGE

AGING IN NEW YORK FUND, INC.
Certificate Program in Adult Day Care, \$32,999
NYC DEPARTMENT FOR THE AGING
DFTA Training, \$28,800
NYS OFFICE OF CHILDREN AND FAMILY SERVICES
Adult Care Facility Training Resource System, \$1,046,808
NYS OFFICE OF TEMPORARY AND DISABILITY ASSISTANCE
Housing Training Resource System, \$308,481
Supervisory Training: Management Development Institute, \$148,006
STARR FOUNDATION
Medicare/Medicaid Assistance Program, \$85,539
VARIOUS PRIVATE SOURCES
Brookdale Center on Aging Program Support, \$52,305
Continuing Education, \$19,055
Law Institute: General Funds, \$99,075
Special Funds for Minority Programs, \$4,250
Training Program: Special Funds, \$17,610

GILBERTO, PASQUALE/DOBROF, ROSE — HUNTER COLLEGE

NEW YORK UNIVERSITY
Grants for Geriatric Education Centers, \$52,000

GILBERTO, PASQUALE/ROSENZWEIG, ELLEN — HUNTER COLLEGE

WERNER DANNHEISSER TESTAMENTARY TRUST
Development of a Guide to Future Planning Options for Grandparents Caring for Grandchildren, \$75,000

GILLESPIE, MICHAEL/WONG, ERWIN — BOROUGH OF MANHATTAN C. C.

U.S. DEPARTMENT OF EDUCATION
Gaining Early Awareness and Readiness for Undergraduate Programs (GEAR UP), \$119,999

GITTELL, MARILYN — GRADUATE SCHOOL

VARIOUS PRIVATE SOURCES
Howard Samuels State Management and Policy Center, \$25,579

GLADKOVA, IRINA/ROYTMAN, LEONID — CITY COLLEGE

U.S. ARMY
A New Approach to Radar Waveform Design, \$272,840
U.S. DEPARTMENT OF COMMERCE — ECONOMIC DEVELOPMENT ADMINISTRATION
Application of Non-Separable Multidimensional Wavelets to Data, \$20,000

GLOBENFELT, JACK/BRALVER, BARBARA — LEHMAN COLLEGE

LEHMAN PERFORMING ARTS CENTER
Lehman College Center for Performing Arts, \$173,422

G**GABEL, DAVID — QUEENS COLLEGE**

OHIO STATE UNIVERSITY
Analysis of Impairment of Competitive Access to Telephone Company Switches, \$24,500

GALVIN, SEAN — LAGUARDIA C. C.

NYS EDUCATION DEPARTMENT
Liberty Partnerships Program, \$255,500

GAMBLE, MAE/GONZALEZ, GEORGE — HUNTER COLLEGE

NYS EDUCATION DEPARTMENT
Novice Teacher Program, \$74,258

GAO, PATRICK — YORK COLLEGE

U.S. DEPARTMENT OF EDUCATION
Student Support Services Program, \$348,115
York Enrichment Services for Students with Disabilities, \$260,181

GAVIN, RAY — BROOKLYN COLLEGE

NATIONAL SCIENCE FOUNDATION
Function of an Unconventional Myosin in Tetrahymena, \$119,950
Intergovernmental Personnel Act (IPA) Assignment, \$159,585

GAWKINS, ANNE — NYC COLLEGE OF TECHNOLOGY

NYS EDUCATION DEPARTMENT
Tech-Prep Perkins III, \$200,000

GAYEN, SWAPAN — CITY COLLEGE

U.S. NAVY
Time-Resolved Optical Polarization, \$100,000

GENACK, AZRIEL — QUEENS COLLEGE

NATIONAL SCIENCE FOUNDATION
Statistics of Electromagnetic Propagation and Localization, \$115,000

GERBER, JANE — GRADUATE SCHOOL

SUMMER TEACHER TRAINING INSTITUTE
Summer Teacher Training Institute in Sephardic Studies, \$27,708
VARIOUS PRIVATE SOURCES
Center for Jewish Studies, \$16,937

GERSTEN, BONNIE — QUEENS COLLEGE

APPLIED NANO WORKS, INC.
Characterization of Colloidal Materials, \$2,600
U.S. ARMY
Enhanced Catalysis for the Synthesis of Boron Carbide Nano-Sized Powders by Chemical Vapor Deposition for Armor Applications, \$60,000

GERSTLE, DONNA — COLLEGE OF STATEN ISLAND

NYS EDUCATION DEPARTMENT
Staten Island Air Pollution & Respiratory Disease Study:
A. Staten Island Landfill and Cancer Project
B. Staten Island Breast Cancer Project
C. Staten Island Leukemia Study, \$10,000

GOERING, JOHN — BARUCH COLLEGE

FANNIE MAE FOUNDATION

Support of National Fair Housing Research and Policy Forum and Report, \$50,000

URBAN INSTITUTE

Three-City Study of Moving Opportunity Program (MTO). Understanding the Move to Opportunity: A Qualitative Investigation, \$13,128

GOLDBERG, MARK — HUNTER COLLEGE

CENTER TO PROTECT WORKERS RIGHTS

Blueprint for Integrating Health Hazard Controls in Construction: Intervention Research Project, \$64,924

GOLDFARB, MITCHELL — HUNTER COLLEGE

NIH-NATIONAL INSTITUTE OF NEUROLOGICAL DISORDERS AND STROKE (NINDS)

Neuronal Functions of HFHS, \$401,330

GOMES, HILARY — CITY COLLEGE

NIH-NATIONAL INSTITUTE ON DEAFNESS AND OTHER COMMUNICATION DISORDERS

Attention in Children with Language Impairments, \$265,895

GONG, HONGMIAN — HUNTER COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)

Impact of 9/11 on Decentralization of Financial Services, \$5,000

GOODMAN, HARRIET — HUNTER COLLEGE

NYC DEPARTMENT OF CITYWIDE ADMINISTRATIVE SERVICES

Human Services Videoconferencing/Long Distance Learning System Project (Operational), \$1,211,227

GOODMAN, JACOB — CITY COLLEGE

U.S. DOD-NATIONAL SECURITY AGENCY

Problems in Discrete Geometry, \$20,304

GORELICK, STEVEN/DEMASTERS, BRIAN/HAREWOOD, AITHEA — GRADUATE SCHOOL

COLLEGE FUND (CUNY MISCELLANEOUS)

Development and Alumni Relations, \$353,908

GOSSE, DAVID/STROZAK, VICTOR — CITY COLLEGE

NATIONAL SCIENCE FOUNDATION

PLTL National Dissemination: Building a National Network, \$945,696

GOTTLIEB, MARLENE — LEHMAN COLLEGE

NEW VISION FOR PUBLIC SCHOOLS

Bronx High School of Music, \$110,300

GRANDE, ANTHONY — HUNTER COLLEGE

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION

GIS Services for the Bureau of Water Supply's Division of Watershed Lands and Community Planning, \$110,814

GRANT, HEATH — JOHN JAY COLLEGE OF CRIMINAL JUSTICE

POLICE EXECUTIVE RESEARCH FORUM

Measuring What Matters, \$1,250

PRIVATE ORGANIZATIONS

Policy Lab, \$3,000

GRASSO, FRANK — BROOKLYN COLLEGE

CLEMSON UNIVERSITY

Soft Robot Manipulators and Manipulation, \$221,948

GRAZIANO, ROBERTA — HUNTER COLLEGE

JAMES N. JARVIE COMMONWEAL

Aging and Health Work Study MSW Program, \$20,000

GREEN, MARCIA — YORK COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)

York College Staff Account, \$39,880

GREENBAUM, STEVEN — HUNTER COLLEGE

CIA-DIRECTOR OF SCIENCE AND TECHNOLOGY (DSN)

SEI characterization for Li-ION cel, \$100,000

CIA-NATIONAL IMAGERY AND MAPPING AGENCY

Post-Doctoral Support to Characterize SEI Formation in Lithium ION Cathodes by Solid State NMR Methods, \$199,210

U.S. AIR FORCE

Solid State NMR Studies of Polymer Nanocomposites, \$20,000

U.S. NAVY

Spectroscopic Studies of Fuel Cell Membranes and Catalysts, \$79,835

VARIOUS PRIVATE SOURCES

Research and Development Support, \$3,535

GREENBAUM, STEVEN/DENBOER, MARTEN — HUNTER COLLEGE

U.S. DEPARTMENT OF ENERGY

Spectroscopic Studies of Lithium Battery Materials, \$190,000

GREENBERG, NAOMI — LAGUARDIA C. C.

NYS EDUCATION DEPARTMENT

Collegiate Science and Technology Entry Program (CSTEP), \$89,758

GREENE, BRENDA — MEDGAR EVERS COLLEGE

CHURCH AVENUE MERCHANTS BLOCK ASSOCIATION, INC.

21st Century Community Learning Center, \$11,900

GREENE, MICHELE — BROOKLYN COLLEGE

CORNELL UNIVERSITY

Patient-Health Professional Communications, \$25,100

GREGG, VERONICA — HUNTER COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)

Caribbean Woman: A Treasury of Knowledge Vol. 11, \$3,000

GRESIK, EDWARD — CITY COLLEGE

NIH-NATIONAL INSTITUTE OF DENTAL RESEARCH (NIDR)

Regulation of Branching Morphogenesis of Salivary Gland, \$239,625

GROSCUP, JENNIFER — JOHN JAY COLLEGE OF CRIMINAL JUSTICE

NATIONAL SCIENCE FOUNDATION

Daubert in the Juryroom: Juror Assessments of Scientific Validity and Reliability, \$327,082

GROSS, BARRY — CITY COLLEGE

NASA

Combining Active and Passive Optical Remote Sensing Techniques to Measure Tropospheric Aerosol Profiles, \$98,966

GROSS, JILL — HUNTER COLLEGE

NYC ECONOMIC DEVELOPMENT CORPORATION

Study of Digital Technology and Local Economic Development in NYC Through the Lens of the Digital NYC Project, \$7,650

GUINTA, LOUIS — JOHN JAY COLLEGE OF CRIMINAL JUSTICE

NYC DEPARTMENT OF CORRECTION

Adult Educational Program for Inmates in Department of Correction Facilities, \$95,668

NYS EDUCATION DEPARTMENT

Post-Secondary Vocational Training, \$692,795

GUMBS, GODFREY — HUNTER COLLEGE

NATIONAL SCIENCE FOUNDATION

NER: Acoustic Spintronics for Applications in Quantum Optics and Computing, \$47,100

GUNNER, MARILYN — CITY COLLEGE

NATIONAL SCIENCE FOUNDATION

Importance of Buried Charges in Protein, \$140,000

NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCE (NIGMS)

Hemecy Oxidase: Calculated Electron and Proton Transfers, \$228,355

U.S. DEPARTMENT OF AGRICULTURE

Quinome Dependent Electron and Proton Transfers in Bacterial Reactions Centers, \$235,000

GURA, TIMOTHY/SILMAN, SHLOMO — BROOKLYN COLLEGE

ARISIL INSTRUMENTS, INC.

Non-Surgical Management of Otitis Media, \$219,651

GURLAND, GAIL/PIERAS, GUILLERMO — BROOKLYN COLLEGE

NYC DEPARTMENT OF EDUCATION
Monolingual Speech Language Pathology, \$37,610

HABERFELD, MARIA/GRANT, HEATH — JOHN JAY COLLEGE OF CRIMINAL JUSTICE

INSTITUTE OF INTERNATIONAL EDUCATION
Developing a Joint Curriculum on Terrorism, Legitimacy, and Human Rights, \$15,000

HABIB, IBRAHIM — CITY COLLEGE

NATIONAL SCIENCE FOUNDATION
EIN Collaborative Research: End to End Provisioned Network Tested for eScienceApplications, \$191,000
NORTEL NETWORKS TECHNOLOGY CORPORATION
Optical Control Plane Tradeoffs, \$55,288
POLYTECHNIC UNIVERSITY
Fast File Transfers Across Optical Circuit: Switched Networks, \$36,630

HAINLINE, LOUISE — BROOKLYN COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)
The Cornerstone Internship Project, \$47,238
NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCE (NIGMS)
Biomedical Research Training for Minority Honor Students, \$305,595
Gatekeepers and Roadblocks: Increasing URM Student Success, \$410,661

HALPERIN, JEFFREY — QUEENS COLLEGE

NIH-NATIONAL INSTITUTE OF MENTAL HEALTH (NIMH)
Heterogeneity of ADHD: Predictors of Adolescent Outcome, \$384,217
Predictors of ADHD in Preschool Children, \$462,399

HAN, ANNIE YI — BOROUGH OF MANHATTAN C. C.

U.S. DEPARTMENT OF EDUCATION
Fulbright-Hays Group Projects Abroad, \$61,000

HARALICK, ROBERT — GRADUATE SCHOOL

ALPHATECH, INC.
Exploration of 3-D Data Program — Phase II, \$92,500
LONG ISLAND JEWISH MEDICAL CENTER
Study on Acute Asthma, \$8,580
RAYTHEON COMPANY
Design, Test, Implementation, and Documentation of Algorithms for Extracting Morphological Features from Three-Dimensional Data, \$36,000

HARRIS, WILLIAM C. — MEDGAR EVERS COLLEGE

PARAGON TEC, INC.
Science, Engineering, Mathematics and Aerospace Academy, \$125,000

HAWKINS, EILEEN/YANG, CATHERINE — OFFICE OF VC — FACILITIES PLANNING/CONSTRUCTION & MANAGEMENT

COLLEGE FUND (CUNY MISCELLANEOUS)
CUNY Construction Fund, \$2,266,186

HAYES, THEODORE/SANUDO, MANUAL — QUEENS COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)
Elections, \$16,032

HECHT, DEBORAH — GRADUATE SCHOOL

ALBION CENTRAL SCHOOL DISTRICT
Learn to Serve with Character, Moving from Knowledge to Action, \$121,149
CITIZENS COMMITTEE FOR NYC, INC.
Young Citizens Center Project, \$2,000
EAST MEADOW UNION FREE SCHOOL DISTRICT
Dr. Hecht's Service Learning Center, \$18,000

HELLMAN, RONALD — GRADUATE SCHOOL

COLLEGE FUND (CUNY MISCELLANEOUS)
The Program on United States/Mexico Relations, \$30,432

HEMMING, NICHOLAS GARY — QUEENS COLLEGE

CALIFORNIA STATE UNIVERSITY NORTHRIDGE
Analyses of Strontium Isotopes, \$5,000
NATIONAL SCIENCE FOUNDATION
Ground Truthing the Boron Isotope Paleo-pH Proxy, \$434,495

HERMAN, GABOR — GRADUATE SCHOOL

NATIONAL SCIENCE FOUNDATION
Aspects of Discrete Tomography, \$108,676
NIH-NATIONAL HEART, LUNG, AND BLOOD INSTITUTE (NHLBI)
Image Processing in Biological 3D Electron Microscopy, \$312,500

HERNANDEZ, ANA MARIA — LAGUARDIA C. C.

NATIONAL ENDOWMENT FOR THE HUMANITIES
The African Roots of Latin Music, \$24,572

HERNANDEZ, RAMONA — CITY COLLEGE

NYS EDUCATION DEPARTMENT
Documentary Heritage Program, \$24,081

HERSH, BARRY — BARUCH COLLEGE

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Brownfield Properties Redevelopment, \$98,000

HESTVIK, ARILD — GRADUATE SCHOOL

NIH-NATIONAL INSTITUTE ON DEAFNESS AND OTHER COMMUNICATION DISORDERS
Structural Representation and Sentence Processing in SLI, \$76,000

HEUSNER, WARREN/LAKE, ANDRE — MEDGAR EVERS COLLEGE

U.S. DEPARTMENT OF EDUCATION
Medgar Evers Talent Search Program, \$316,090

HILL, OTIS — OFFICE OF VC — STUDENT DEVELOPMENT & ENROLLMENT

CUNY STUDENT SENATE
USG 2003: Scholarship, \$48,020

HILL, OTIS/FRANKLIN, HARRY/ANTHONY-TOBIAS, SANDYE — OFFICE OF VC — STUDENT DEVELOPMENT & ENROLLMENT

CUNY STUDENT SENATE
USG 2003: General, \$333,914

HILL, OTIS/NORD, ROBERTA — OFFICE OF VC — STUDENT DEVELOPMENT & ENROLLMENT

COLLEGE FUND (CUNY MISCELLANEOUS)
CUNY Athletics Conference, \$199,863
CUNY STUDENT SENATE
USG 2003: Athletic, \$32,139

HILLERY, MARK — HUNTER COLLEGE

NATIONAL SCIENCE FOUNDATION
Programmable Quantum Processors, \$18,000

HILLS, ROBERT/ALLICINO, TONY — LAGUARDIA C. C.

U.S. DEPARTMENT OF EDUCATION
Training Interpreters for Individuals Who Are Deaf and Individuals Who Are Deaf-Blind, \$154,922

HINDMAN, EDWARD/GEDZELMAN, STANLEY — CITY COLLEGE

UNIVERSITY CORPORATION FOR ATMOSPHERIC RESEARCH
Upgrade of a Geosciences Computer Laboratory, \$7,000

HOELTZEL, SUSAN — LEHMAN COLLEGE

GREENTREE FOUNDATION
Artists and Museums in the Classroom, \$4,028
LEHMAN ART GALLERY
Lehman College Art Gallery FY04, \$213,134

HOFFMAN, CHUCK — NYC COLLEGE OF TECHNOLOGY

LADIES COMMITTEE FOR PUERTO RICAN CULTURE
Limited English Proficiency Initiative, \$11,369
NYS EDUCATION DEPARTMENT
Support Services for Adult Non-Credit Vocational Programs, \$1,439,480

HOFFNER, ALAN/BREEN, JEFFREY— COLLEGE OF STATEN ISLAND

COLLEGE FUND (CUNY MISCELLANEOUS)
Veteran's Report Fees, \$742

HOGG, LESLEIGH — BRONX C. C.

NYS EDUCATION DEPARTMENT
Project Success, \$148,560

HOLDEN, TODD — BROOKLYN COLLEGE

SEMICONDUCTOR CHARACTERIZATION INSTITUTE
Thermal Conductivity Measurements of GAN and Related Materials
Using Scanning Thermal Microscopy, \$23,500

HOLDEN, TODD/POLLAK, FRED — BROOKLYN COLLEGE

CORNELL UNIVERSITY
High Spatial/Depth Resolution Determination of the Room Temperature
"Effective Thermal Conductivity" of Individual Pyramidal Structures,
\$20,000

HOLLAND, THOMAS—HUNTER COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)
Non-Invasive Skin Assessment with Thermographic Scanning:
Integration in Physical Therapy Curriculum and Application in Clinical
Practice, \$659

HONIG, MARJORIE — HUNTER COLLEGE

INTERNATIONAL LONGEVITY CENTER, USA
Research in Areas of Health and Labor Economics, \$10,000

HOPE, WILBERT — MEDGAR EVERS COLLEGE

NYS EDUCATION DEPARTMENT
Central Brooklyn Tech-Prep Consortium, \$200,000

HOSIER, NOREEN — MEDGAR EVERS COLLEGE

INSTITUTE FOR SCHOOLS OF THE FUTURE
Faculty Development, \$15,029

HOSKINS, SALLY — CITY COLLEGE

NATIONAL SCIENCE FOUNDATION
Create: Teaching Biology Undergraduates How to Analyze the Primary
Literature and Think Creatively About Science, \$198,298

HOWARD, CHRISTINE — QUEENS COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)
Educational Placement, \$31,519

HOWARD, MARY—LAGUARDIA C. C.

VARIOUS PRIVATE SOURCES
LaGuardia Business Incubator, \$680

HU, QIAO-SHENG — COLLEGE OF STATEN ISLAND

NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCE (NIGMS)
Highly Active Palladium Catalysts for Organic Synthesis, \$242,045

HUANG, ZHEN — BROOKLYN COLLEGE

DHARMAON, INC.
Synthesis of Selenium-derivatized Nucleotides and Oligonucleotides,
\$2,875
NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCE (NIGMS)
Se-Derivatization of Functional RNAs for Structure Study, \$229,500

HUBBARD, KAREN — CITY COLLEGE

NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCE (NIGMS)
MBRS/SCORE Program at City College of CUNY, \$2,206,481
NIH-OFFICE OF THE DIRECTOR (NCI)
CCNY/MSK Cancer Center Partnership: The Cooperative Planning Grant
for Comprehensive Minority Institutions, \$948,254

HUDESMAN, JOHN — NYC COLLEGE OF TECHNOLOGY

U.S. DEPARTMENT OF EDUCATION
A Comprehensive Cognitive Skills Academy for Associate Degree
Freshmen, \$131,927

HUNT, BENJAMIN — LAGUARDIA C. C.

U.S. DOD-DEFENSE LOGISTICS AGENCY
Procurement Technical Assistance, \$122,247

**HURBIS-CHERRIER, MICHAEL/WISSMAN, MARTLEY—
HUNTER COLLEGE**

COLLEGE FUND (CUNY MISCELLANEOUS)
Better That Way: The Reading, \$4,150

HUSAIN, NAVEED — QUEENS COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)
President's Office, \$33,225

HUSELID, REBECCA—HUNTER COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)
Social Identity, Discrimination and Achievement, \$4,500

IMMERWAHR, STEPHEN — BARUCH COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)
Korean American and Mexican American Home Business Survey, \$44,000
United Way Survey, \$12,250
NYC DEPARTMENT OF HEALTH AND MENTAL HYGIENE
CHS Complement Survey '03, \$45,000

IMMERWAHR, STEPHEN/VAN RYZIN, GREGG — BARUCH COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)
Queens Student Market Research Survey, \$92,000

IOANNIDES, CHRISTOS — QUEENS COLLEGE

NYC CITY COUNCIL
Byzantine and Modern Greek Studies, \$25,000

ISAACSON, ROBERT — GRADUATE SCHOOL

COLLEGE FUND (CUNY MISCELLANEOUS)
CUNY Television, \$107,000
JP MORGAN PRIVATE BANK
The Classic Kurt Weill Concert - The Baisley Powell Elebash Recital Hall,
\$35,000

ISAACSON, ROBERT/WIERSON, ARICK — UNAFFILIATED PROJECTS

NYC DEPARTMENT OF INFORMATION TECHNOLOGY & TELECOMMUNICATIONS
Crosswalk Television, \$30,025

IWERIEBOR, EHIEDU—HUNTER COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)
Nigerian Radicalism: An Intellectual and Political History, 1930-1960,
\$4,500

JACKSON, CAROL — COLLEGE OF STATEN ISLAND

NYS EDUCATION DEPARTMENT
Liberty Partnerships Program, \$232,692

JACKSON, CAROL/DANIELS, MICHAEL—COLLEGE OF STATEN ISLAND

NYS EDUCATION DEPARTMENT
Project ESCAPE (Enhance Student Capability to Achieve Personal
Excellence), \$1,000

JACOBS, LESTER — U.A.P.C.

NYC DEPARTMENT OF EDUCATION
Student Automated Record-Keeping Systems (SARKS), \$6,000,000

JACOBS, LESTER/MCGINNIS, MICHAEL — U.A.P.C.

VARIOUS PRIVATE SOURCES
New York State Tap Processing, \$174,600

JACOBS, NANCY — JOHN JAY COLLEGE OF CRIMINAL JUSTICE

DHHS/SAMHSA-CENTER FOR MENTAL HEALTH SERVICES
National Center for the Advancement of Prevention (NCAP) IV,
\$1,685,617

JACOBSON, LESLIE — BROOKLYN COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)

Summer Courses Involving Health Programs and Issues on Growing Up Healthy in New York, \$53,180

JANS, URS — CITY COLLEGE

HERMAN FRASCH FOUNDATION

Abiotic Transformation of Agrochemicals in Wetland Soils and Sediments, \$40,000

JEAN-PIERRE, PAUL/GUNEID, RIHAB — QUEENSBOROUGH C. C.

NYS EDUCATION DEPARTMENT

Collegiate Science and Technology Entry Program (CSTEP), \$103,749

JENKINS, CANDICE — HUNTER COLLEGE

WOODROW WILSON NATIONAL FELLOWSHIP FOUNDATION

Career Enhancement Award, \$15,000

JOB, YURI — CITY COLLEGE

NYS EDUCATION DEPARTMENT

Extended School Day/Violence Prevention Program, \$200,000

U.S. DEPARTMENT OF EDUCATION

Upward Bound Program, \$302,390

JOHNSON, ANNE — LEHMAN COLLEGE

HERBERT H. LEHMAN COLLEGE FOUNDATION, INC.

Herbert H Lehman College Foundation, \$149,460

JOHNSON, ANNE/PIRRONE, JOSEPHINE — LEHMAN COLLEGE

LEHMAN COLLEGE FOUNDATION

Office of Institutional Advancement, \$12,000

JOHNSON, LAWRENCE — YORK COLLEGE

NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCE (NIGMS)

MBRS/SCORE at York College, \$1,197,645

JOHNSON, LEON — MEDGAR EVERS COLLEGE

NASA

New York City Research Initiative (NYCRI) Start- Up, \$51,583

The New York City Space Science Research Alliance Phase II, \$270,000

JONES, RICHARD/LAKE, ANDRE — MEDGAR EVERS COLLEGE

NYS EDUCATION DEPARTMENT

Liberty Partnerships Program, \$245,500

JONES, WILMA — COLLEGE OF STATEN ISLAND

NYS EDUCATION DEPARTMENT

Coordinated Collection Development, \$27,469

JORDAN, PETER—LAGUARDIA C. C.

COLLEGE FUND (CUNY MISCELLANEOUS)

LaGuardia Community College Financial Aid, \$1,190

JOYCE, THEODORE — BARUCH COLLEGE

UNIVERSITY OF WISCONSIN

The Use of Twins to Understand the Effect of Women, Infants, and Children on Birth Outcomes, \$33,390

JOYNER, WENDELL — BRONX C. C.

NYS EDUCATION DEPARTMENT

Vocational and Applied Technology Education Act (VATEA) Employment Opportunity Center, \$115,969

JULIEN, CAROLYNN — HUNTER COLLEGE

U.S. DEPARTMENT OF EDUCATION

Jacob Javitz Fellowship, \$32,796

KALB, JONATHAN — HUNTER COLLEGE

HUNTER COLLEGE

Course Support, \$2,735

KANT, ASHIMA — QUEENS COLLEGE

NIH-NATIONAL HEART, LUNG, AND BLOOD INSTITUTE (NHLBI)

Dietary Pattern Indexes: Relation with CVD Risk Factors, \$115,500

KARABALI, DIMITRA — LEHMAN COLLEGE

NATIONAL SCIENCE FOUNDATION

RUI: Topics in Planar Physics, \$28,345

KARAN, HIROKO — MEDGAR EVERS COLLEGE

NIH-NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT

Extramural Associate Research Development Award for Establishing or Enhancing an Office of Sponsored Research and for Other Research Infrastructure Needs, \$35,640

KATZ, JANE—JOHN JAY COLLEGE OF CRIMINAL JUSTICE

FIFTY-PLUS FITNESS ASSOCIATION

Senior Water Wellness Splash, \$500

LINCOLN SQUARE NEIGHBORHOOD CENTER

Senior Summer Water Exercise Program, \$813

KAUFMAN, BARRY/MALAVE, ERNESTO/STEVES, ROBERT — OFFICE OF VC — BUDGET & FINANCE

COLLEGE FUND (CUNY MISCELLANEOUS)

External Legal Counsel, \$125,000

Financial Aid, \$1,411,826

Systems Telecommunication Initiative, \$113,816

The University Accounting Office's Financial Aid Program, \$814,214

KAUFMAN, HUGO — GRADUATE SCHOOL

COLLEGE FUND (CUNY MISCELLANEOUS)

European Union Studies Center (EUSC), \$40,395

NEW YORK UNIVERSITY

Establishment of the New York Regional Center for European Union Studies, \$27,569

KEEN, LINDA/ST. JOHN, KATHERINE — LEHMAN COLLEGE

NATIONAL SCIENCE FOUNDATION

Computer Science and Mathematics Mentorship and Scholarship Program, \$400,000

KEIZS, JEAN — BRONX C. C.

NYS EDUCATION DEPARTMENT

Vocational and Applied Technology Education Act (VATEA) - Technical Preparation Program, \$200,000

KEIZS, MARCIA — BRONX C. C.

HOSPITAL LEAGUE/1199

1199 Nursing Advisement Program, \$85,035

KELLAWON, BLANCHE — BRONX C. C.

NYS DEPARTMENT OF LABOR

Displaced Homemaker Program, \$216,482

KENNELLY, EDWARD—LEHMAN COLLEGE

BMB PATENT HOLDING COMPANY

Isolation and Identification of an Active Analgesic Compound from the Green Bell Pepper (Capsicum Annuum ssp. Grossum), \$8,397

KENNELLY, EDWARD/PARKINSON, AINSLEY — LEHMAN COLLEGE

NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCE (NIGMS)

Cardioprotective Antioxidants from Caribbean Fruits, \$28,561

KENNELLY, EDWARD/REYNERTSON, KURT — LEHMAN COLLEGE

NIH-NATIONAL CENTER FOR COMPLEMENTARY AND ALTERNATIVE

MEDICINE (NCCAM)

Antioxidant Polyphenols from Fruits of the Myrtle Family, \$30,928

KENNEY, DENNIS/GRANT, HEATH — JOHN JAY COLLEGE OF CRIMINAL JUSTICE

U.S. DEPARTMENT OF JUSTICE

BJA Solicited Applications, \$247,126

K**KAHN, ARLENE — LAGUARDIA C. C.**

U.S. DEPARTMENT OF EDUCATION

Bilingual Education Program Development and Implementation, \$174,940

KHANBILVARDI, REZA — CITY COLLEGE

U.S. DEPARTMENT OF COMMERCE — ECONOMIC DEVELOPMENT ADMINISTRATION

Compression of Airs Data Using Empirical Mode Decomposition, \$75,000

NOAA/OAR Educational Partnership Program, \$30,000

U.S. DEPARTMENT OF COMMERCE-NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION

Development of Real-Time Satellite Precipitation Estimation Algorithm for Mountainous Regions of the Western U.S., \$20,000

KHANBILVARDI, REZA/AHMED, SAMIR/STEINER, JEFFREY — CITY COLLEGE

U.S. DEPARTMENT OF COMMERCE — ECONOMIC DEVELOPMENT ADMINISTRATION

NOAA Cooperative Center for Remote Sensing Science and Technology (CREST), \$2,500,000

KIDD, CHARLES/ST. JOHN, RONALD — YORK COLLEGE

NATIONAL COLLEGIATE ATHLETIC ASSOCIATION

National Youth Sports Program (NYSP) Support Services, \$8,885

National Youth Sports Program Fund, \$63,449

KIERAN, MARY — BOROUGH OF MANHATTAN C. C.

NYC HOUSING AUTHORITY

Training for Entry-Level Paraprofessional Positions, \$221,121

KIERAN, MARY/DEAGAN, DENISE — BOROUGH OF MANHATTAN C. C.

NYS DEPARTMENT OF LABOR

EDGE XI: Education for Gainful Employment, \$122,005

NYS EDUCATION DEPARTMENT

WIA Title 2: ESOL and Civics Education, \$300,000

KIERAN, MARY/MALDONADO, ACTE — BOROUGH OF MANHATTAN C. C.

COLLEGE FUND (CUNY MISCELLANEOUS)

BMCC Program Development, \$118,075

KIJNE, HUGO — COLLEGE OF STATEN ISLAND

COLLEGE FUND (CUNY MISCELLANEOUS)

Special Projects in Continuing Education, \$34,925

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION

NYSD DC Correction for Wastewater Treatment Plant Operators, \$8,135

NYS DEPARTMENT OF LABOR

EDGE XI: Education for Gainful Employment Program, \$229,160

KIMMICH, CHRISTOPH/LITTLE, STEVE — BROOKLYN COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)

Brooklyn College Reimbursement Account, \$282,135

KINSLER, KIMBERLY/ELDRIDGE, DEBORAH — HUNTER COLLEGE

NYS EDUCATION DEPARTMENT

Inquiry Based School Improvement Program & Novice Teacher Project, \$519,790

KLEIMAN, FRIDA — HUNTER COLLEGE

U.S. ARMY

A coordinate response to DNA damage by transcription, RNA processing and DNA repair factors, \$332,567

VARIOUS PRIVATE SOURCES

Faculty Research Support, \$250

KLEIN, YEHUDA/OSLEEB, JEFFREY — BROOKLYN COLLEGE

U.S. ARMY

Beaches Website, \$19,938

KOBILINSKY, LAWRENCE — JOHN JAY COLLEGE OF CRIMINAL JUSTICE

NYS EDUCATION DEPARTMENT

Enhancing Science and Technology in the 21st Century, \$85,508

KOBILINSKY, LAWRENCE/ROTHCHILD, ROBERT — JOHN JAY COLLEGE OF CRIMINAL JUSTICE

U.S. DEPARTMENT OF EDUCATION

Minority Science and Engineering Improvement Project, \$75,578

KOBILINSKY, LAWRENCE/SZUR, KATE — JOHN JAY COLLEGE OF CRIMINAL JUSTICE

U.S. DEPARTMENT OF EDUCATION

Strengthening Hispanic-Serving Institutions, \$413,177

KODNER, DENNIS — HUNTER COLLEGE

HELENA RUBENSTEIN FOUNDATION

Rose Dobrof Scholarship Fund, \$25,000

KOPLIK, JOEL — CITY COLLEGE

NASA

Molecular Dynamics of Fluid-Solid Systems, \$43,000

U.S. DEPARTMENT OF ENERGY

Particular Dynamics in Filtration: Fluid and Particulate Transport in Self-Affine Fractures, \$101,736

KORANYI, ADAM — LEHMAN COLLEGE

NATIONAL SCIENCE FOUNDATION

Function Theory on Symmetric Spaces, \$11,590

KOTELCHUCK, DAVID — HUNTER COLLEGE

NYC HUMAN RESOURCES ADMINISTRATION

Case Management and Job Readiness Services for Safety Net Recipients, \$10,200

KOTELCHUCK, DAVID/BURGIE, ANDREW — HUNTER COLLEGE

UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY

Worker Health and Safety Cooperative Agreement: EPA-HWWT, \$177,997

KOTELCHUCK, DAVID/CORBURN, JASON — HUNTER COLLEGE

NORTHERN MANHATTAN PERINATAL PARTNERSHIP, INC.

Training for Case Managers, \$5,000

NYC DEPARTMENT OF HEALTH AND MENTAL HYGIENE

Asthma Training, \$35,250

Maternal, Infant, and Reproductive Health Program: Healthy Start,

\$49,000

NYC Environmental Public Health, \$13,325

KOTKIN, LAURA — QUEENSBOROUGH C. C.

QUEENSBOROUGH COMMUNITY COLLEGE

Queensborough Community College Development: Alumni Assistant, \$75,000

KRAAT, ARLENE — QUEENS COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)

Communications Arts and Sciences, \$53,966

KRANIS, JOANN — LAGUARDIA C. C.

U.S. DEPARTMENT OF EDUCATION

Preparation of Special Education, Related Services, and Early

Intervention Personnel for Children with Low Incidence Disabilities,

\$242,000

KRAUSS, BEATRICE — HUNTER COLLEGE

BETH ISRAEL MEDICAL CENTER

Families in Transition Program (FIT), \$15,000

HEALTH RESEARCH, INC.

Center for Expertise on Case Management: HIV/AIDS Training Workplan, \$50,000

MEDICAL AND HEALTH RESEARCH

HIV Prevention Case Management Initiative, \$231,367

NEW YORK COMMUNITY TRUST

Jailed Based Services to Young Woman at Rikers Island, \$31,000

Men's Health Awareness Project, \$35,000

NIH-NATIONAL INSTITUTE OF MENTAL HEALTH (NIMH)

Adolescent HIV Risk: Social Settings and Prevention Issues, \$764,246

Best Practices in Adolescent HIV VCT, \$138,480

Parent/Preadolescent Training for HIV Prevention-Part 3, \$364,452

NYC DEPARTMENT OF HEALTH AND MENTAL HYGIENE

Pilot Program on Rikers Island, \$268,000

Training Services to Prepare Department of Health Link Model for Adult

Males at Rikers Island, \$40,438

YMSM Street Outreach, \$25,000

VARIOUS PRIVATE SOURCES

AIDS- Related Community Services, \$500

KRAUSS, BEATRICE/KELLY, DAMYN — HUNTER COLLEGE

VARIOUS PRIVATE SOURCES

Community Action to Prevent AIDS, \$29,387

KRAUT, BENNY — QUEENS COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)

Center for Jewish Studies, \$43,092

KREUZER, PAUL — LEHMAN COLLEGE

U.S. DEPARTMENT OF EDUCATION

Improving Retention Through a Comprehensive Student Development Model, \$425,000

Strengthening Hispanic-Serving Institutions, \$600,000

KUITE, ANNE E./HAREWOOD, AITHEA/GORELICK, STEVEN — GRADUATE SCHOOL

COLLEGE FUND (CUNY MISCELLANEOUS)

Office of Special Events and Events Planning, \$205,607

KURIEN, SUMA — LAGUARDIA C. C.

NYS EDUCATION DEPARTMENT

Immigrant Family Literacy Program, \$249,963

Workforce Investment Act (WIA) English Language Civics Education, \$367,650

KURIEN, SUMA/DICK, MAE — LAGUARDIA C. C.

NYS DEPARTMENT OF LABOR

EDGE XI: Education for Gainful Employment, \$345,950

KWARTA, VIRGINIA — UNAFFILIATED PROJECTS

NYC DEPARTMENT OF YOUTH AND COMMUNITY DEVELOPMENT

Adult Literacy/Adult Education, \$55,706

New York City Adult Literacy Initiative (STEPS), \$124,545

NYS EDUCATION DEPARTMENT

Incarcerated and Institutionalized Youth Program for Corrections

Education and Other Institutionalized Individuals, \$65,483

U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

McKinney-Vento Homeless Assistance Competition, \$54,091

Support for Training and Educational Program Services, \$143,396

KWOK, KUI-LAM — QUEENS COLLEGE

CIA-DIRECTOR OF SCIENCE AND TECHNOLOGY (DSN)

Prototype Chinese Name Finder System for Document Triage, \$550,000

LAMBERT, JEANNE/BATEMAN, KITTY — QUEENSBOROUGH C. C.

NYS EDUCATION DEPARTMENT

Queens Civics Collaboration of CUNY, \$300,000

LANE, MAUREEN — HUNTER COLLEGE

NEW YORK WOMEN'S FOUNDATION

Welfare Rights Initiative, \$30,000

NYS OFFICE OF CHILDREN AND FAMILY SERVICES

Welfare Rights Initiative, \$5,000

LANE, MAUREEN/D'ALBERO, MOE LIU — HUNTER COLLEGE

VARIOUS PRIVATE SOURCES

Welfare Rights Initiative, \$77,250

LANE, MAUREEN/LEWIS, DILLONA — HUNTER COLLEGE

ADCO FOUNDATION

Welfare Rights Initiative, \$6,000

DAPHNE FOUNDATION, INC.

Welfare Rights Initiative: General Support, \$30,000

LAPERLA-MORALES, JOANN — NYC COLLEGE OF TECHNOLOGY

UNIVERSITY OF TEXAS

Latino Student Success Demonstration Project, \$29,474

LAVIN, DAVID — GRADUATE SCHOOL

VARIOUS PRIVATE SOURCES

CUNY Women Study, \$86,450

LAZARIDIS, THEMIS — CITY COLLEGE

NATIONAL SCIENCE FOUNDATION

Effective Energy Functions for Proteins in Lipid Membranes, \$250,914

LEE, JAE — CITY COLLEGE

AMERICAN CHEMICAL SOCIETY

Feasibility of Multiple Functions in Reactive Separation Systems, \$8,000

LEE, JUNG MEE — GRADUATE SCHOOL

NIH — NATIONAL INSTITUTE ON DEAFNESS AND OTHER COMMUNICATION DISORDERS

Understanding Temporal Integration of Time-varying Sounds, \$76,000

LEE, MYUNG — CITY COLLEGE

SAMSUNG ELECTRONICS CO., LTD.

SAIT-CUNY Joint Laboratory, \$219,964

LEITMAN, DAVID/FOX, JOHN — CITY COLLEGE

NIH-NATIONAL INSTITUTE OF MENTAL HEALTH (NIMH)

Neurostructural Correlates of Prosody in Schizophrenia, \$28,027

LEMONS, DANIEL/BUFFENSTEIN, ROCHELLE — CITY COLLEGE

U.S. DEPARTMENT OF EDUCATION

Minority Science Improvement, \$49,346

LENZER, GERTRUD — BROOKLYN COLLEGE

CARNEGIE CORPORATION

Children and the Law in New York, \$50,000

LENER, HELEN — LEHMAN COLLEGE

HRSA-DIVISION OF NURSING

Advanced Education Nursing Traineeships, \$37,593

LEUNG, IRENE — LEHMAN COLLEGE

NATIONAL ASSOCIATION OF CHINESE-AMERICANS

Methods for Fingerprinting Diamonds - A Geological and Technological Study, \$16,000

LEVINE, ALFRED — COLLEGE OF STATEN ISLAND

INTERSTATE SANITATION

Environmental Science Program, \$27,000

LEVINE, CASANDRA — BRONX C. C.

U.S. DEPARTMENT OF EDUCATION

Gaining Early Awareness and Readiness for Undergraduate Programs (GEAR UP), \$500,000

L**L'AMOREAUX, WILLIAM/CHAUHAN, BHANU — COLLEGE OF STATEN ISLAND**

MERCK & COMPANY INC.

Undergraduate Science Research Program, \$20,000

LAKE, ANDRE — MEDGAR EVERS COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)

General Operations, \$30,000

U.S. DEPARTMENT OF EDUCATION

Central Brooklyn GEAR UP Partnership, \$744,625

LAKE, ANDRE/WILLIAMS, PETER — MEDGAR EVERS COLLEGE

NYC DEPARTMENT OF YOUTH AND COMMUNITY DEVELOPMENT

Beacon School Program, \$400,000

Crown Heights Beacon Program, \$400,000

Flatbush Beacon School Program, \$400,000

THE AFTER-SCHOOL CORPORATION

After School Program at PS 181, \$215,600

Medgar's Initiative to Leverage Knowledge, \$36,800

LAKIC, NIKOLA — LEHMAN COLLEGE

NATIONAL SCIENCE FOUNDATION

Infinite Dimensional Teichmuller Spaces and Conformal Geometry, \$30,128

LAKSHMAN, MAHESH — CITY COLLEGE

NATIONAL SCIENCE FOUNDATION

Novel Avenues to Nucleoside Modification by Palladium Catalysis, \$373,000

LEVINE, ROBERT — LAGUARDIA C. C.

U.S. DEPARTMENT OF EDUCATION

LaGuardia/Vassar Upward Bound Program, \$379,496

LEVITT, JANE — LEHMAN COLLEGE

ALBERT EINSTEIN COLLEGE OF MEDICINE

Bronx Center to Reduce and Eliminate Ethnic and Racial Health Disparities, \$20,000

INSTITUTE FOR URBAN FAMILY HEALTH

Development of a Master of Public Health Degree Program at Lehman College, \$12,500

LEVY, KENNETH — HUNTER COLLEGE

INTERNATIONAL PSYCHOANALYTICAL ASSOCIATION

Change in Attachment Organization and Mentalization in Patients with Borderline Personality Disorder as a Function of Transference Focused Psychotherapy, \$10,000

NATIONAL ALLIANCE FOR RESEARCH ON SCHIZOPHRENIA AND DEPRESSION (NARSAD)

National Alliance for Research Schizophrenia and Depression (NARSAD) 2002 Young Investigator Award, \$30,000

LINDSEY, THERESA/GILLESPIE, MICHAEL — BOROUGH OF MANHATTAN C. C.

U.S. DEPARTMENT OF EDUCATION

Upward Bound Program, \$329,201

LIPKE, PETER — HUNTER COLLEGE

NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCE (NIGMS)

MARC Program, \$405,245

SCORE Program, \$2,250,943

LIPKE, PETER/RAUCEO, JASON — HUNTER COLLEGE

NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCE (NIGMS)

Analysis of the Candida Albicans Adhesin A1S5P, \$25,974

LIPSKY, DOROTHY — GRADUATE SCHOOL

NYC DEPARTMENT OF EDUCATION

Professional Development Services: CSD 12 Special Education Reform, \$32,572

THE AFTER-SCHOOL CORPORATION

Inclusive Environment: What Does It Mean? How to Make It Happen, \$2,000

LIU, CHARLES — COLLEGE OF STATEN ISLAND

SPACE TELESCOPE SCIENCE INSTITUTE

The COSMOS 2-Degree ACS Survey, \$21,427

LLEWELLYN, ADRIAN — CITY COLLEGE

HRSA-DIVISION OF MEDICINE

Grants for Physician Assistants Training, \$113,088

LOMBARDI, JOHN — CITY COLLEGE

NATIONAL SCIENCE FOUNDATION

Raman Spectroscopy of Mass-Selected Metal Clusters, \$156,950

LOPEZ-MOLINA, LUIS — CITY COLLEGE

U.S. DEPARTMENT OF AGRICULTURE

Mechanisms of AFP (AB15 Interacting Protein) Function in Abscisic Acid Signaling, \$150,000

LOW, SETHA — GRADUATE SCHOOL

U.S. DEPARTMENT OF THE INTERIOR / NATIONAL PARK SERVICE

Fire Island and Statue of Liberty National Parks Service Grants, \$139,000

LOWEN, GERARD — CITY COLLEGE

NEW MEXICO STATE UNIVERSITY

Provide Technical Support for the New Technologies Omnibus Contract, \$20,369

LUBETKIN, ERICA — CITY COLLEGE

DHHS/AGENCY FOR HEALTHCARE RESEARCH AND QUALITY (AHRQ)

Sociodemographics and HRQL: Mapping the SF-12 and EQ-5D, \$99,794

LUBNER, MAXINE—YORK COLLEGE

VARIOUS PRIVATE SOURCES

CUNY Aviation Institute at York College Aviation Conference, \$5,500

LUBNER, MAXINE/WEIL, EDWARD—YORK COLLEGE

UNIVERSITY OF DENVER

Reconnecting America: Redesigning Transportation Policy to Enable Intermodal Intercity Travel, \$6,052

LUDMAN, ALLAN—QUEENS COLLEGE

NYC DEPARTMENT OF EDUCATION

Project Globe, \$5,000

LUINE, VICTORIA — HUNTER COLLEGE

MERCCK & COMPANY INC.

Effects of Steroid Hormones on Neural Function, \$10,300

NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCE (NIGMS)

RISE Program at Hunter College, \$908,539

LUINE, VICTORIA/BRADSHAW, AMBER — HUNTER COLLEGE

NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCE (NIGMS)

Examining Pacing Behavior in Female Mice, \$16,169

LUNDEEN, ELEANOR/FREDERICKSON, KEVILLE — LEHMAN COLLEGE

U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

The Hispanic Serving Institutions Assisting Communities Program, \$600,000

LUXTON-GOURGEY, KAREN — BARUCH COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)

Computer Center for Visually Impaired People Administrative Account, \$47,431

NATIONAL SCIENCE FOUNDATION

An Audio-Tactile Curriculum to Support Visually Impaired Statistics Students, \$30,032

TOUCH GRAPHICS

Development of an Audio/Tactile Atlas of the World for Use by Individuals Who Are Blind or Visually Impaired, \$12,720

U.S. DEPARTMENT OF EDUCATION

A Model for Enhancing Graphical Learning for Students with Print Disabilities: An Audio/Tactile Statistics Curriculum, \$176,837

VARIOUS PRIVATE SOURCES

Visually Impaired Professionals (VIP) Career Network Program, \$39,647

MACARI, EMMA — OFFICE OF VC — FACILITIES PLANNING/ CONSTRUCTION & MANAGEMENT

NYS DORMITORY AUTHORITY

Architectural Intern — City College of Architecture and CUNY's Department of Design, Construction and Management, \$49,018
Assistant Project Manager — Medgar Evers College, \$57,669

Network/Infrastructure/Telecommunications (NIT) & CUNY-Wide EPA Condition Assessment Project, \$241,967

Project Coordinator — CCNY Central Chiller Plant, \$93,602

MACARI, EMMA/COHEN, BRIAN — OFFICE OF VC — FACILITIES PLANNING/CONSTRUCTION & MANAGEMENT

NYS DORMITORY AUTHORITY

Enterprise Resource Planning (ERP) Director for the NIT Projects, \$158,589

MACARI, EMMA/HAWKINS, EILEEN — OFFICE OF VC — FACILITIES PLANNING/CONSTRUCTION & MANAGEMENT

NYS DORMITORY AUTHORITY

Project Coordination Services — York College, \$91,549

MACKENZIE, BARBARA — GRADUATE SCHOOL

VARIOUS PRIVATE SOURCES

Brook Center, \$18,584

RILM Abstracts, \$883,000

RILM Special Projects, \$517

M

MACMILLAN, NEIL—BROOKLYN COLLEGE

PSYCHONOMIC SOCIETY, INC.

Editor Elect Perception and Psychophysics Journal Publications, \$5,097

MAGDALENO, JOSE — LEHMAN COLLEGE

LEHMAN COLLEGE ASSOCIATION

Student Health Care Center FY04, \$175,552

MAKSE, HERNAN — CITY COLLEGE

U.S. DEPARTMENT OF ENERGY

Nonequilibrium Thermodynamics of Densely Packed Granular Matter and Compressed Emulsions, \$145,000
Stress-Dependent Acoustic Propagation and Dissipation in Granular Materials, \$85,000**MALDARELLI, CHARLES — CITY COLLEGE**

NASA

Using Remobilized Surfactants to Enhance the Thermocapillary Migration of Bubbles Retarded by the Absorption of Surfactant Impurities, \$89,032

MALLON, GERALD/LEASHORE, BOGART — HUNTER COLLEGE

DHHS/OASH-OFFICE OF THE ASSISTANT SECRETARY OF HEALTH

National Resource Center for Foster Care and Permanency Planning, \$1,000,000

NYC ADMINISTRATION FOR CHILDREN'S SERVICES

New York City Administration of Children Services, \$89,064

MALLON, GERALD/MORSE, JOAN MARSHA — HUNTER COLLEGE

SURDNA FOUNDATION

Walking the Path: Managing Transitions, \$60,000

VARIOUS PRIVATE SOURCES

Independent Living Revenue Account, \$10,236

MALLON, GERALD/SCHAEFER, IRENE—HUNTER COLLEGE

HITE FOUNDATION

Hite Fellowship Program, \$2,262

MANES, JOAN — NYC COLLEGE OF TECHNOLOGY

NYS DEPARTMENT OF LABOR

Education for Gainful Employment (EDGE), \$38,080

NYS EDUCATION DEPARTMENT

ESOL and Civics Education, \$331,716

MANTSIOS, GREGORY — QUEENS COLLEGE

CHINA BUSINESS FORUM, INC.

US China Labor Scholar Exchange, \$15,000

NYC CITY COUNCIL

Labor Resources, \$50,000

VARIOUS PRIVATE SOURCES

Labor Resource and Worker Education, \$93,834

New Urban Agenda Project, \$45,498

MANUEL, PETER—GRADUATE SCHOOL

SOCIETY FOR ETHNOMUSICOLOGY, INC.

Ethnomusicology, \$6,800

MARCUS, MICHAEL — CITY COLLEGE

NATIONAL SCIENCE FOUNDATION

Research In Stochastic Process, \$123,144

MARINI, JACOB — JOHN JAY COLLEGE OF CRIMINAL JUSTICE

COLLEGE FUND (CUNY MISCELLANEOUS)

Special Overhead Account, \$10,700

MARKOWITZ, GERALD — JOHN JAY COLLEGE OF CRIMINAL JUSTICE

COLUMBIA UNIVERSITY

Individuals and Society for the Spring 2003 Semester, \$9,000
The Un-Natural History of Public Health: from Epidemics and Injuries to Chronic Illness and Bio-Terrorism, \$90,000**MARKOWITZ, STEVEN — QUEENS COLLEGE**

CDC-NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH (NIOSH)

Queens Ground Zero Workers Health Watch, \$716,914

COLLEGE FUND (CUNY MISCELLANEOUS)

Center for the Biology of Natural Systems, \$3,063

MOUNT SINAI SCHOOL OF MEDICINE

World Trade Center Worker and Volunteer Medical Screening Program, \$126,014

PAPER, ALLIED-INDUSTRIAL, CHEMICAL & ENERGY WORKERS INTERNATIONAL UNIONMedical Surveillance of Former and Current Workers at the Gaseous Diffusion Plants of the Department of Energy, \$2,158,012
Medical Surveillance of Former Workers at the Idaho National Engineering and Laboratory Implementation Phase, \$285,417
STOP ENVIRONMENTAL ASTHMA RESTORE CHILDREN'S HEALTH Mobil Air Lab Project, \$45,403**MARRONE, CARMELLA — QUEENS COLLEGE**

J.P. MORGAN FOUNDATION

J.P. Morgan Chase Foundation Grant, \$10,000

NEW YORK COMMUNITY TRUST

Women and Work Program, \$40,000

NEW YORK WOMEN'S FOUNDATION

Women and Work Program, \$12,500

PATRINA FOUNDATION

Women and Work Program at Queens College: Academic Year 2002 — 2003 and Programmatic Enhancements, \$10,000

MARSHALL, EMILY MACK—KINGSBOROUGH C. C.

NYC DEPARTMENT OF EDUCATION

No Child Left Behind Program, \$1,092

MARTINEZ, HERMINIO — LEHMAN COLLEGE

EDUCATIONAL BROADCASTING CORPORATION

"CYBERCHASE" After School Outreach, \$2,000

NYC EDUCATION DEPARTMENT

Bilingual Education Technical Assistance Center (BETAC), \$490,653

U.S. DEPARTMENT OF EDUCATIONBilingual Education: Innovative Teaching of English Language Learners (Intell), \$250,000
Project Stellar, \$250,000**MARTINEZ, HERMINIO/BARBER, NAOMI — LEHMAN COLLEGE**

W.K. KELLOGG FOUNDATION

Engaging Latino Communities for Education Initiative, \$400,988

MARTINEZ, OILDA — CITY COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)

Adult and Continuing Education, \$50,038

NYS DEPARTMENT OF LABOR

Education for Gainful Employment, \$12,590

MARTINEZ, OILDA/COLLINS, ASSUANTA — CITY COLLEGE

NYS EDUCATION DEPARTMENT

21st Century Community Learning Center Program, \$178,622

MARTINSONS, BARBARA — GRADUATE SCHOOL

VARIOUS PRIVATE SOURCES

College and Community Fellowship Program, \$36,842

MARTOHARDJONO, GITA/GABRIELE, ALISON — GRADUATE SCHOOL

NATIONAL SCIENCE FOUNDATION

The Acquisition of Aspect in a Second Language: a Bidirectional Study of Learners of Japanese and English, \$15,024

MARTON, KLARA — BROOKLYN COLLEGE

NIH-NATIONAL INSTITUTE ON DEAFNESS AND OTHER COMMUNICATION DISORDERS

Working Memory Capacity in Children with SLI, \$75,500

MASSA, LOUIS/TODARO, LOUIS—HUNTER COLLEGE

VARIOUS PRIVATE SOURCES

CAD 4 Research Supply, \$3,650

MATOS-RODRIGUEZ, FELIX — HUNTER COLLEGE

COMMONWEALTH OF PUERTO RICO
Cataloguing and Public Accessibility of the Historical Archives of the Puerto Rican Migration to the United States., \$200,000
ROCKEFELLER BROTHERS FUND
General Operation Support for Research Institute, \$70,000
UNIVERSITY OF HOUSTON
Translating Luisa Capetillo's Mi Opinion 1911: The First Puerto Rican Feminist Treatise, \$4,100
W.K. KELLOGG FOUNDATION
CUNY College ENLACE Partners, \$5,354

MATSUI, HIROSHI — HUNTER COLLEGE

FDA-VIROLOGY
Development of Nanobiosensor for Detecting Adventitious Viral Agents in Vaccines, \$40,000
U.S. DEPARTMENT OF ENERGY
Protein Nanotube-Based Electronics: Nano Hybrid Self-Assembly Using Biological Recognitions, \$156,000

MATTHEWS, ROBERTA — BROOKLYN COLLEGE

U.S. DEPARTMENT OF EDUCATION
Strengthening Institutions Program, \$350,000

MAUE, DYANNE — QUEENS COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)
Design Graphics, \$16,402

MAYER, EGON — GRADUATE SCHOOL

COLLEGE FUND (CUNY MISCELLANEOUS)
Center for Jewish Studies: Director and Employee Salaries, \$9,585

MCCARTHY, KATHLEEN/MILLER, EUGENE — GRADUATE SCHOOL

COLLEGE FUND (CUNY MISCELLANEOUS)
Center for the Study of Philanthropy, \$232,100

MCGINNIS, MICHAEL — U.A.P.C.

COLLEGE FUND (CUNY MISCELLANEOUS)
UAPC Operations, \$150,000

MCGOVERN, THOMAS — HUNTER COLLEGE

NATIONAL SCIENCE FOUNDATION
The Development of Fishing and Fishing Communities in the Northwest of Iceland: Labor, Nature and Social Change in a Medieval Society, \$23,990

MCGOVERN, THOMAS/BANKOFF, ARTHUR/SMITH, NEIL — HUNTER COLLEGE

NYC DEPARTMENT OF CITYWIDE ADMINISTRATIVE SERVICES
Archaeological Services at City Hall Park, \$52,400

MCGOVERN, THOMAS/PERDIKARIS, SOPHIA — HUNTER COLLEGE

NATIONAL SCIENCE FOUNDATION
Zooarchaeology and Human Ecodynamics in Northern Iceland and Faroe Islands, \$65,344

MCHUGH, CECILIA — QUEENS COLLEGE

NATIONAL PARK SERVICE
New York Bight Samples, \$5,000
NATIONAL SCIENCE FOUNDATION
Collaborative Research: Submarine Earthquakes Geology in the Marmara Sea Gap, \$33,677

MCINTOSH, JANET — MEDGAR EVERS COLLEGE

U.S. DEPARTMENT OF EDUCATION
Child Care Access Means Parents in School, \$45,028

MCKENNA, HAROLD — CITY COLLEGE

NYS EDUCATION DEPARTMENT
Discovery in Science, \$76,241

MCNEIL, GERARD — YORK COLLEGE

U.S. ARMY
Equipment to Support a Cell Biology Teaching Facility, \$58,326

MCSORLEY, KATHLEEN — BROOKLYN COLLEGE

NYS EDUCATION DEPARTMENT
Interdisciplinary Program in Autism Spectrum Disorders, \$24,883

MCEVEY, RONALD — JOHN JAY COLLEGE OF CRIMINAL JUSTICE

NYC DEPARTMENT OF EDUCATION
Tech-Prep Program at Martin Luther King Jr. High School, \$4,850

MELETIES, PANAYIOTIS/BRENNAN, THOMAS — BRONX C. C.

NATIONAL SCIENCE FOUNDATION
BCC Pharmaceutical Manufacturing Technology Program, \$451,211

MELIKIAN, YELENA — NYC COLLEGE OF TECHNOLOGY

U.S. POSTAL SERVICE
Aptitude Test Preparation Course, \$26,730

MELIKIAN, YELENA/ROMEO, DIANE — NYC COLLEGE OF TECHNOLOGY

NYC DEPARTMENT OF INFORMATION TECHNOLOGY & TELECOMMUNICATIONS
Authorized Sun Educational Center (ASEC) Institution in Java and Solaris, \$270

MENTONE, EILEEN/FRANKLIN, HARRY/ROSA, CHRISTOPHER — OFFICE OF VC — STUDENT DEVELOPMENT & ENROLLMENT

NEW YORK COMMUNITY TRUST
Provide Transportation to School Related Activities for Disabled Students of High Scholastic Ability, \$50,000

MENZI, DONALD — OFFICE OF EXECUTIVE VICE CHANCELLOR — ACADEMIC AFFAIRS

CONSORTIUM FOR WORKER EDUCATION
National Emergency Grant, \$740,381
To Operate an Individual Training Account (ITA) Program for Eligible WIA Recipients, \$589,285

MEYER, MARY ANNE — QUEENSBOROUGH C. C.

NYS EDUCATION DEPARTMENT
VATEA Technical Preparation Project, \$200,000

MEYER, MARY ANNE/KHAN, ROBERT — QUEENSBOROUGH C. C.

COLLEGE FUND (CUNY MISCELLANEOUS)
Tech-Prep Matching Account, \$20,000

MICHAELS, CRAIG - QUEENS COLLEGE

NYC DEPARTMENT OF EDUCATION
VESID Literacy Program CSD 28, \$6,660

MICHELLI, NICHOLAS/ASHER, CARLA — OFFICE OF EXECUTIVE VICE CHANCELLOR — ACADEMIC AFFAIRS

CORPORATION FOR NATIONAL SERVICE
Americorps Education Awards Program (EAP), \$703,000
NYC DEPARTMENT OF EDUCATION
New York City Teaching Fellows Program, \$9,264,053

MICHELS, CORINNE — QUEENS COLLEGE

NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCE (NIGMS)
Maltose Sensing/Signaling Mechanisms in Saccharomyces, \$308,000

MIDDLETON, JOSEPH/SPATOLA, EUGENE — LEHMAN COLLEGE

PRIVATE ORGANIZATIONS
Academic Computing Consultation, \$2,438

MIELE, ELEANOR/POWELL, WAYNE — BROOKLYN COLLEGE

RIVER PROJECT
The River Project, \$19,715

MIKSIC, MARK — QUEENS COLLEGE

CON EDISON
Investigative Science Symposium/Fair, \$5,000

MILSTEIN, GLEN—CITY COLLEGE

AMERICAN PSYCHOLOGICAL ASSOCIATION
2003 Promoting Psychological Research and Training on Health Disparities Issues at Ethnic Minority Serving Institutions: A Church-Based Intervention to Reduce Mental Illness Stigma and the Disparity of Mental Health Care among Latinos, \$6,500

MIRKIN, MICHAEL—QUEENS COLLEGE

NATIONAL SCIENCE FOUNDATION
Charge Transfer Processes at Microscopic Liquid Interfaces, \$275,000

MIRRER, LOUISE/MICHELLI, NICHOLAS—OFFICE OF EXECUTIVE VICE CHANCELLOR—ACADEMIC AFFAIRS

BERNARD AND ALVA GIMBEL FOUNDATION
Teaching Opportunity Program, \$150,000

MITCHELL, DELORIS/WILLIAMS, PETER—MEDGAR EVERS COLLEGE

NYS EDUCATION DEPARTMENT
English Literacy and Civic Education, \$299,922

MOGULESCU, JOHN—OFFICE OF EXECUTIVE VICE CHANCELLOR—ACADEMIC AFFAIRS

ANHEUSER-BUSCH COMPANIES, INC.
Tuition Support for a COPE Student, \$2,000
BILL AND MELINDA GATES FOUNDATION
Early College Initiative, \$647,486
COLLEGE FUND (CUNY MISCELLANEOUS)
Collaborative Programs, \$433,240
NYC DEPARTMENT OF INFORMATION TECHNOLOGY & TELECOMMUNICATIONS
City Agency Internship Program, \$709,756
NYC DEPARTMENT OF YOUTH AND COMMUNITY DEVELOPMENT
Family Development Training and Credentializing Program, \$257,652
Out of School Youth Program (CUNY PREP), \$2,405,940
Youth Achievement Program, \$99,949
NYC HUMAN RESOURCES ADMINISTRATION
HRA-Begin Language Program, \$10,772,007
Perfect Opportunity for Individual Skills and Education Development (POISED) for Success: Pregnant TANF Participants Program, \$4,344,154
NYC OFFICE OF THE MAYOR
Adult Literacy Program, \$3,025,000
NYC POLICE DEPARTMENT
Streetwise Project, \$99,850
NYS EDUCATION DEPARTMENT
Workforce Investment Act (WIA): Adult Education and Literacy, \$4,352,702
NYS HIGHER EDUCATION SERVICES CORPORATION
Gaining Early Awareness and Readiness for Undergraduate Programs (GEAR UP) "College for Me", \$1,367,979
NYS OFFICE OF TEMPORARY AND DISABILITY ASSISTANCE
Literacy Training Program (LTP), \$1,300,194
UNITED WAY
Professional Development Institute: Early Care and Education, \$125,000
VARIOUS PRIVATE SOURCES
Continuing Education Conference, \$2,850

MOGULESCU, JOHN/BROWN, TED—OFFICE OF EXECUTIVE VICE CHANCELLOR—ACADEMIC AFFAIRS

NYC CITY COUNCIL
The City Clerk Project, \$94,655
NETLOGIC, INC.
Software Development, \$34,353

MOGULESCU, JOHN/BRUST, LAUREN GIGLIO/BROWN, TED—OFFICE OF EXECUTIVE VICE CHANCELLOR—ACADEMIC AFFAIRS

NYC HUMAN RESOURCES ADMINISTRATION
NYC/HRA/CUNY IT Specialists, \$1,000,000

MOGULESCU, JOHN/DOUGLAS, DEBORAH—OFFICE OF EXECUTIVE VICE CHANCELLOR—ACADEMIC AFFAIRS

NYC HUMAN RESOURCES ADMINISTRATION
College Opportunity to Prepare for Employment (COPE) Program, \$866,690

PRIVATE ORGANIZATIONS

The COPE Diamond Incentive Award: College Opportunity to Prepare for Employment, \$5,500

MOGULESCU, JOHN/EBENSTEIN, WILLIAM—OFFICE OF EXECUTIVE VICE CHANCELLOR—ACADEMIC AFFAIRS

COLLEGE FUND (CUNY MISCELLANEOUS)
John Fitzgerald Kennedy (JFK) Institute, \$500,000
SOCIAL SECURITY ADMINISTRATION
CUNY Youth Transition Demonstration Project, \$564,291

MOGULESCU, JOHN/HERNANDEZ, WASHINGTON—OFFICE OF EXECUTIVE VICE CHANCELLOR—ACADEMIC AFFAIRS

NYC HUMAN RESOURCES ADMINISTRATION
Professional Training Academy, \$5,699,999

MOGULESCU, JOHN/MENZI, DONALD—OFFICE OF EXECUTIVE VICE CHANCELLOR—ACADEMIC AFFAIRS

NYC DEPARTMENT OF SMALL BUSINESS SERVICES
ITA Program: Dislocated Workers, \$18,046,714
NYC HUMAN RESOURCES ADMINISTRATION
Individual Training Account Voucher Program Services, \$535,769

MOGULESCU, JOHN/MORRISON, ABIGAIL—OFFICE OF EXECUTIVE VICE CHANCELLOR—ACADEMIC AFFAIRS

NYC DEPARTMENT OF TRANSPORTATION
CUNY/DOT Survey Project, \$221,656

MOGULESCU, JOHN/PETERSON, BRIAN—OFFICE OF EXECUTIVE VICE CHANCELLOR—ACADEMIC AFFAIRS

NURTURE NEW YORK'S NATURE, INC.
Course Development, \$150,000
NYC DEPARTMENT OF EMPLOYMENT
Wizard Training, \$7,044
NYC HUMAN RESOURCES ADMINISTRATION
Informal Family Child Care Training, \$411,297

MOGULESCU, JOHN/PETERSON, BRIAN/MORRISON, ABIGAIL—OFFICE OF EXECUTIVE VICE CHANCELLOR—ACADEMIC AFFAIRS

NYC DEPARTMENT OF INFORMATION TECHNOLOGY & TELECOMMUNICATIONS
3-1-1 Call Center, \$3,742,638

MOGULESCU, JOHN/REISER, DIANE—BROOKLYN COLLEGE

THE AFTER-SCHOOL CORPORATION
School Corporate Tutoring Program, \$59,917

MOLINA, CARLOS/ALTMAN, LORRAINE—HOSTOS C. C

COLLEGE FUND (CUNY MISCELLANEOUS)
Institutional Advancement, \$43,735

MOLINA, CARLOS/ENCARNACION, JOSE—HOSTOS C. C

NYC EDUCATION DEPARTMENT
Liberty Partnerships Program, \$195,861

MOLLENKOPF, JOHN—GRADUATE SCHOOL

COLLEGE FUND (CUNY MISCELLANEOUS)
CUNY Data Service: A Unit of the Center for Social Research, \$55,000
Second Generation Project, \$92,000
NIH-NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT
Explaining Immigrant Second Generation Outcomes, \$152,000

MOOTOO, DAVID—HUNTER COLLEGE

NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCE (NIGMS)
Synthesis of Glycomimetics and Related Structures, \$296,974

MORALES, GEORGE/LAKE, ANDRE—MEDGAR EVERS COLLEGE

NYC DEPARTMENT OF FAMILY ASSISTANCE
Advantage After-School Program: Better Utilization of Teen Activities, \$56,250
NYC EDUCATION DEPARTMENT
Youth Development Program (STEP), \$102,155

MORALES, GEORGE/LLOYD-BEY, ABDUL/LAKE, ANDRE — MEDGAR EVERS COLLEGE

NATIONAL COLLEGIATE ATHLETIC ASSOCIATION
2003 National Youth Sports Program (NYSP), \$167,000

MORALES, GEORGE/WILLIAMS, PETER/LAKE, ANDRE — MEDGAR EVERS COLLEGE

THE AFTER-SCHOOL CORPORATION
Teen Educational Activities, \$36,800

MORRIS, ANNE — BARUCH COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)
Center for Logistics and Transportation, \$52,000
CORNELL UNIVERSITY
The First and Last Mile, \$91,729

MOSHOYANNIS, THALIA — GRADUATE SCHOOL

NYC DEPARTMENT OF EDUCATION
Paraprofessional Academy, \$206,200

MOVASSEGHI, DARIUS/NAGARKATTE, UMESH — MEDGAR EVERS COLLEGE

U.S. DEPARTMENT OF EDUCATION
Improving Mathematics Instruction by Extending the Reform Calculus Approach, \$59,639

MOWSHOWITZ, ABBE — CITY COLLEGE

OPTIMUS CORPORATION
Event Ordering System for Multiple Data Sources, \$13,800

MOY, JOYCE — LAGUARDIA C. C.

RESEARCH FOUNDATION/SUNY
The New York State Small Business Development Center (SBDC), \$334,618

MUELLER, CLAUS — HUNTER COLLEGE

TRAUBNER INTERNATIONAL
Screening Conference, \$5,000

MULLER, LAWRENCE — LAGUARDIA C. C.

NATIONAL SCIENCE FOUNDATION
LaGuardia New Media Technologies Curriculum and Professional Development Adaptation and Implementation Project, \$199,935

MURPHY, CYNTHIA/ABNEY, ALBERT — YORK COLLEGE

NYS URBAN DEVELOPMENT CORP/ EMPIRE STATE DEVELOPMENT CORP
Remanufacturing Assistance York College, \$333,000

MYRIE, JACQUELINE — BOROUGH OF MANHATTAN C. C.

HRSA-DIVISION OF NURSING
Nursing Workforce Diversity Grants, \$245,998

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NAHUM, LINDA — KINGSBOROUGH C. C.

BE'ER HAGOLAH INSTITUTE
Adolescent Family Life Demo — The Real Deal, \$13,348

NAIDER, FRED — COLLEGE OF STATEN ISLAND

NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCE (NIGMS)
Peptide Cell Interactions in Saccharomyces Cerevisiae, \$416,417

NAIR, PARAMESWARAN (V.P.) — CITY COLLEGE

NATIONAL SCIENCE FOUNDATION
Nonabelian Gauge Theories, Nonabelian Fluids, and Noncommutative Gravity, \$39,000

NAPPER, JEAN — BRONX C. C.

NYS DEPARTMENT OF LABOR
Education for Gainful Employment (EDGE) XI Program, \$209,440
NYS EDUCATION DEPARTMENT
WIA Title 2 ESOL, \$298,792

NATHANSON, MELVYN — LEHMAN COLLEGE

U.S. DOD-NATIONAL SECURITY AGENCY
Combinatorial Problems in Additive Number Theory, \$35,873

NEUMAN, ARLENE/LONG, GLENNIS — GRADUATE SCHOOL

GALLAUDET UNIVERSITY
Rehabilitation Engineering Research Center on Hearing Enhancement, \$346,300

NI-MEISTER, WENGE — HUNTER COLLEGE

NASA
Optimal land Initialization for Seasonal Climate Predictions, \$80,000

NOKES, KATHLEEN — HUNTER COLLEGE

HRSA-DIVISION OF NURSING
Public Health Nursing Field Experiences, \$25,000

NORWOOD, CHRIS — BRONX C. C.

INSTITUTE FOR URBAN FAMILY HEALTH
Bronx REACH 2010 Demonstration Project, \$4,485
MEDICAL AND HEALTH RESEARCH
HIV Prevention Program, \$167,035
Hunt's Point Childhood Health Promotion Initiative, \$35,000
NATIONAL DEVELOPMENT AND RESEARCH INSTITUTE, INC.
Peer Mentors for Early Adolescents, \$104,553
NYC DEPARTMENT OF HEALTH AND MENTAL HYGIENE
City Smoking Control, \$78,250
Health Force: NYC Childhood Asthma Initiative, \$219,500
NYS DEPARTMENT OF HEALTH
Health Force AIDS Institute: The South Bronx Diabetes and Heart Disease Coalition, \$53,000
Peer Initiative: Health Force — AIDS Institute, \$111,783
Special Projects to Reduce Disparities in Smoking Prevalence, \$149,800
POSTGRADUATE CENTER FOR MENTAL HEALTH
Federal Housing Opportunities for Persons with AIDS Program (HOPWA), \$250,615

NWOKE, GODFREY — NYC COLLEGE OF TECHNOLOGY

NYC DEPARTMENT OF EDUCATION
Substitute Vocational Assistant Program, \$32,522
NYS EDUCATION DEPARTMENT
Technical Teacher Opportunity Corps Program, \$44,990
VARIOUS PRIVATE SOURCES
Occupational Competency Testing Institute (OCTI), \$2,100

O'DONNELL, MARY — COLLEGE OF STATEN ISLAND

HRSA-DIVISION OF NURSING
Advanced Education Nursing Traineeships, \$8,783

O'NEILL, JOHN — HUNTER COLLEGE

NYS EDUCATION DEPARTMENT
VESID Rehabilitation Counseling Courses, \$37,507
NYS OFFICE OF ALCOHOLISM AND SUBSTANCE ABUSE SERVICES
Work Study Specialization in Chemistry, \$284,037
RESEARCH FOUNDATION/SUNY
Rehabilitation Training-Continuing Education/Recruitment, Retention, Empowerment and Streamlining, \$18,000
U.S. DEPARTMENT OF EDUCATION
Long-Term Training in Rehabilitation Counseling, \$99,999
VARIOUS PRIVATE SOURCES
Training for Professional Staff, \$110,471

O'REILLY, LILLIAN/BELTON, ELLEN — BROOKLYN COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)
Adult Learning Center Payroll Account, \$400,000

OBLER, LORAIN — GRADUATE SCHOOL

UNIVERSITY OF MARYLAND
Language Performance Under Stress, \$75,140

OLIVER, ELIZABETH — BRONX C. C.

NYS DEPARTMENT OF HEALTH
Health WorkForce Retraining Initiative, \$1,439,018

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OLIVER, THOMAS — MEDGAR EVERS COLLEGE

THE AFTER-SCHOOL CORPORATION
 Better Utilization of Teen Activities (BUTA): To Operate an After School Program Serving 200 Students at MS 2 in District 17, \$75,000

OPPENHEIMER, GERALD — BROOKLYN COLLEGE

NIH-NATIONAL LIBRARY OF MEDICINE (NLM)
 Heart Disease and the Emergence of Modern Epidemiology, \$76,303

ORENSTEIN, CLAUDIA — HUNTER COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)
 New Puppetry: Twenty-First Century Puppet Performance and the Dialogue with Technological Entertainment Hydrological Cycle, \$771

ORTIZ, BENJAMIN — HUNTER COLLEGE

NATIONAL SCIENCE FOUNDATION
 CAREER: DNA Elements, \$116,397
 NIH-NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES (NIAID)
 Chromatin Based Gene Regulation in T Lymphocytes, \$399,000

OSLEEB, JEFFREY/KLEIN, YEHUDA — HUNTER COLLEGE

U.S. ARMY
 HBCU/MI Research Graduate Student Intern Program, \$22,825

OSTROW, RONA — LEHMAN COLLEGE

NATIONAL ENDOWMENT FOR THE HUMANITIES
 Becoming an American Writer: The Life and Works of Isaac Bashevis Singer, \$450
 NYS EDUCATION DEPARTMENT
 Coordinated Collection Development Aid Application, \$11,759

PARRA, LUCAS — CITY COLLEGE

HONEYWELL INTERNATIONAL
 EEG Real Time Analysis, \$105,000
 UNIVERSITY OF NEW MEXICO
 Augmenting Cognition by Cross-Modal Facilitation of Neuronal Responses Using Optimal Delays, \$60,000

PARRA, MERRILL — QUEENSBOROUGH C. C.

U.S. DEPARTMENT OF EDUCATION
 Project Bridge IV: A Support Service Program for Students with Disabilities, Both On-Campus and Homebound, \$290,292

PARSONS, JEFFREY — HUNTER COLLEGE

MOUNT SINAI SCHOOL OF MEDICINE
 Club Drugs Use and Risky Behavior Among Men, \$307,075
 NIH-NATIONAL INSTITUTE ON ALCOHOL ABUSE AND ALCOHOLISM (NIAAA)
 Adherence Intervention for HIV + Alcohol Users, \$1,051,801
 NIH-NATIONAL INSTITUTE ON DRUG ABUSE (NIDA)
 Patterns and Contexts of Club Drug Abuse, \$622,525

PARSONS, SIMON — BROOKLYN COLLEGE

COLUMBIA UNIVERSITY
 Information Technology Research: Evaluating Education — What are we Measuring and How?, \$102,818
 NATIONAL SCIENCE FOUNDATION
 Tools and Techniques for Automated Mechanism Design, \$390,382

PATTI, JANET — HUNTER COLLEGE

VARIOUS PRIVATE SOURCES
 Conference: Safe Schools, Safe Youth, \$1,000

PATTI, JANET/PICCIANO, ANTHONY — HUNTER COLLEGE

NYC DEPARTMENT OF EDUCATION
 New York City Public Schools Leadership Development Initiative, \$500,693

PAULL, MICHAEL — LEHMAN COLLEGE

HOSPITAL LEAGUE/1199
 1199 Lehman College Care 4, \$284,255
 NYS OFFICE OF ALCOHOLISM AND SUBSTANCE ABUSE SERVICES
 La Familia Unida AIDS Outreach Program, \$261,533
 RESEARCH FOUNDATION/SUNY
 The New York State Small Business Development Center (NYS SBDC), \$270,077
 VARIOUS PRIVATE SOURCES
 La Familia Fund, \$6,800

PAULL, MICHAEL/STANLEY, CLARENCE — LEHMAN COLLEGE

CITIBANK
 Small Business Development Center (Citigroup), \$10,000

PAVLOVSKAYA, MARIANNA — HUNTER COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)
 Post-Privatization Urban Restructuring and Control Over Urban Space in Moscow, \$3,000

PEARSALL, BETTY — QUEENS COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)
 Child Development Center Full Time, \$165,463
 Child Development Center Part Time, \$63,584

PEDRAZA, PEDRO — HUNTER COLLEGE

SPENCER FOUNDATION
 National Latino Education Research Agenda Project, \$20,000
 W.F. HEWLETT FOUNDATION
 National Latino Education Research Agenda Project, \$10,000

PEKAR, STEPHEN — QUEENS COLLEGE

TEXAS A & M RESEARCH
 The United States Science Support Program, \$7,259

PELUSO, ADA/TELLER, VIRGINIA — HUNTER COLLEGE

NATIONAL SCIENCE FOUNDATION
 Computer Science and Mathematics Scholarship Program, \$400,000

P**PAASWELL, ROBERT — CITY COLLEGE**

NYS DEPARTMENT OF TRANSPORTATION
 University Transportation Research Consortium, \$321,275
 RENNSELAER POLY INSTITUTE
 Impact of Extreme Events: A Systematic Analysis of Individual Travel Choice Decisions, \$45,000
 U.S. DEPARTMENT OF TRANSPORTATION/NATIONAL HIGHWAY TRAFFIC SAFETY ADMIN.
 University Transportation Research Center (UTRC), \$1,245,495

PAASWELL, ROBERT/WILEY, MEGAN — CITY COLLEGE

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
 Harbor Estuary Watershed Plan Study, \$95,000

PACH, JANOS — CITY COLLEGE

U.S. - ISRAEL BINATIONAL SCIENCE FOUNDATION
 Geometric Arrangements and Their Applications, \$9,405
 U.S. DOD-NATIONAL SECURITY AGENCY
 Geometric Graph Theory, \$30,000

PADNOS, MARK/SKURDENIS, JULIANN — BRONX C. C.

NYS EDUCATION DEPARTMENT
 Library Collection Aid, \$10,249

PARISI, PETER — HUNTER COLLEGE

JOHN D. & CATHERINE T. MACARTHUR FOUNDATION
 Fellowship Funds, \$20,000

PARKER, NEVILLE — CITY COLLEGE

SOUTH CAROLINA UNIVERSITY
 2003 Summer Transportation Institute, \$42,283
 UNIVERSITY OF ALABAMA IN BIRMINGHAM
 Prototype for Advanced Public Transportation, \$49,204

PARKER, NEVILLE/SQUITIERI, LOUISE/JOHNSON, LEON — OFFICE OF THE CHANCELLOR

NATIONAL SCIENCE FOUNDATION
 Louis Stokes Alliance for Minority Participation Program (LSAMP), \$1,922,500
 New York City Alliance for Minority Participation (AMP), \$45,000

PENROD, STEVEN — JOHN JAY COLLEGE OF CRIMINAL JUSTICE

NATIONAL SCIENCE FOUNDATION

Reducing Eyewitness Identification Errors: Procedural Strategies, \$298,398

PEREZ, ANTONIO/BRAGG, SADIE — BOROUGH OF MANHATTAN C. C.

VARIOUS PRIVATE SOURCES

BMCC/SUNY Educational Opportunity Center, \$322,852

PEREZ, NELIDA — HUNTER COLLEGE

NYS EDUCATION DEPARTMENT

Puerto Ricans In New York: Preserving Identity, \$28,830

PERO, LAWRENCE — KINGSBOROUGH C. C.

SUMITOMO BANK GLOBAL FOUNDATION, INC.

Sumitomo After School Tutorial Program, \$18,000

PERSICO, SEBASTIAN/MANEIRO, FELIX/SCHAETZLE, MIGDALIA — GRADUATE SCHOOL

VARIOUS PRIVATE SOURCES

Office of V.P. for Administration, \$1,237,652

PETRIDIS, YIANNIS — LEHMAN COLLEGE

NATIONAL SCIENCE FOUNDATION

Automorphic Forms and Distribution Laws for Discrete Subgroups, \$112,416

PICCIANO, ANTHONY — HUNTER COLLEGE

ALFRED P. SLOAN FOUNDATION

Systemize and Continue the Program for Sloan-C Presence at the Academic Online Learning Conference, \$45,000

PINOL-ROMA, SERAFIN — CITY COLLEGE

AMERICAN HEART ASSOCIATION

RNA-protein Complexes in Gene Expression, \$109,828

MUSCULAR DYSTROPHY ASSOCIATION

RNA-Protein Complexes in Mitochondrial Gene Expression, \$70,000

PLUMMER, TOM — QUEENS COLLEGE

NATIONAL SCIENCE FOUNDATION

Laboratory Analysis of the Oldowan Artifact and Zooarcheological Samples from Kanjera South, Kenya, \$86,688

PODELL, DAVID/CLARK, BARBARA — COLLEGE OF STATEN ISLAND

COLLEGE FUND (CUNY MISCELLANEOUS)

The Study Abroad Program at CSI CUNY, \$204,650

PODELL, DAVID/SCHWARTZ, MARTIN — COLLEGE OF STATEN ISLAND

RESEARCH FOUNDATION/SUNY

Veteran's Business Outreach Program, \$30,000

POJE, ANDREW — COLLEGE OF STATEN ISLAND

U.S. NAVY

Optimal Deployment of Drifting Acoustic Sensors: Sensitivity of Lagrangian Coherent Structure Boundaries to Model Uncertainty, \$31,220

POLIRSTOK, SUSAN — LEHMAN COLLEGE

NYC DEPARTMENT OF EDUCATION

Community School District 11, \$8,575

NYC DEPARTMENT OF EDUCATION

NYC/District 10 Initiative to Improve Achievement of Special Education Including Students with Low Performance in Reading, \$86,438

POLLAK, FRED/HOLDEN, TODD — BROOKLYN COLLEGE

NORTHROP GRUMMAN

Thermal Conductivity and Optical Characterization of GAN, GAALN and Other Wide Band Gap Semiconductors Using Scanning Thermal Microscopy and Optical Methods, \$141,439

POLLE, JUERGEN — BROOKLYN COLLEGE

SEA AG, INC.

Comparison of Marine Microalgae Culture Systems for Fuels Production and Carbon Sequestration, \$84,300

POLYCHRONAKOS, ALEXIOS — CITY COLLEGE

NATIONAL SCIENCE FOUNDATION

Investigations in Field and Particle Theory, \$60,000

POSAMENTIER, ALFRED — CITY COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)

Mathematics Specialist Training Program, \$125,600

NYC DEPARTMENT OF EDUCATION

Literacy & Mathematics Coaches for Teachers in Kindergarten and Grades 1-9, \$503,931

The City College Mathematics Project, \$154,400

NYS EDUCATION DEPARTMENT

Haitian Bilingual/ESL Technical Assistance Center (HABETAC), \$136,224

NYS OFFICE OF MENTAL RETARDATION & DEVELOPMENTAL DISABILITIES

Haitian Family Support Services Project, \$19,538

POSTER, SANDRA/OXTOBY, LILIAN — BOROUGH OF MANHATTAN C. C.

NEW YORK COMMUNITY TRUST

Parenting Education Program: Smart Moms, Smart Choices, \$25,000

POTASEK, MARY/LAX, MELVIN — CITY COLLEGE

U.S. AIR FORCE

Investigations of Optical Limiting Involving Light-Matter Interactions, \$86,070

POWELL, WAYNE/MIELE, ELEANOR — BROOKLYN COLLEGE

AMERICAN MUSEUM OF NATURAL HISTORY

Project TRUST: Teacher Renewal for Urban Science Teaching, \$71,040

PRASAD, GAUTAMA — QUEENS COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)

Queens College Foundation (QCF) Administration, \$147,115

Queens College Miscellaneous, \$10,000

PRASAD, LORRAINE — QUEENS COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)

Property Management, \$90,989

PRISCO, ANNE — LEHMAN COLLEGE

UNIVERSITY OF TEXAS

Latino Student Success Demonstration Project, \$29,474

PSOMIADES, HARRY — QUEENS COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)

Byzantine and Modern Greek Studies, \$85,701

PURYEAR, ALVIN — BARUCH COLLEGE

RESEARCH FOUNDATION/SUNY

The New York State Small Business Development Center (SBDC), \$54,984

QUINONES, VANYA — HUNTER COLLEGE

NIH-NATIONAL INSTITUTE OF MENTAL HEALTH (NIMH)

Career Opportunities in Research Education and Training (CORE) Honors Undergraduate Research Training Grant, \$226,465

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RAAB, JENNIFER — HUNTER COLLEGE

ANDREW MELLON FOUNDATION

The Mellon Minority Undergraduate Program, \$3,281

COLLEGE FUND (CUNY MISCELLANEOUS)

RCMI/Gene Center Matching Funds, \$100,000

RAAB, JENNIFER/DOTTIN, ROBERT — HUNTER COLLEGE

NIH-NATIONAL CENTER FOR RESEARCH RESOURCES (NCRR)

RCMI at Hunter College: Research Center for the Study of Gene Structure and Function, \$2,335,650

R

RACHLIN, JOSEPH — LEHMAN COLLEGE

NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCE (NIGMS)

MARC Undergraduate (U-Star Program) at Lehman College, \$28,549

RAFFANIello, ROBERT — HUNTER COLLEGE

CANCER RESEARCH AND PREVENTION FOUNDATION
H. Pylori Infection in a Patient Population at High Risk for Gastric Cancer, \$67,865

RAIA, FEDERICA/DYASI, HUBERT — CITY COLLEGE

NYS EDUCATION DEPARTMENT
An Integrated System for Professional Development to Improve Science and Technology Training and Learning in Grades K-8, \$308,764

RAIA, FEDERICA/STEINBERG, RICHARD — CITY COLLEGE

NYS EDUCATION DEPARTMENT
The TOC Science Collaborative, \$39,408

RAMOS, GLORIA — HUNTER COLLEGE

HRSA-DIVISION OF NURSING
Scholarships for Disadvantaged Students (SDS) Program, \$73,741

RAPHAN, THEODORE — BROOKLYN COLLEGE

BAYLOR COLLEGE OF MEDICINE
Advanced Techniques for Assessment of Postural and Locomotor Ataxia Spatial Orientation and Gaze Stability, \$93,300
MOUNT SINAI SCHOOL OF MEDICINE
Context-Specific Spatial Adaptation of the VOR, \$90,500
Core Center, \$61,768
NIH-NATIONAL INSTITUTE ON DEAFNESS AND OTHER COMMUNICATION DISORDERS
Vestibular Mechanisms in the Dynamics of Locomotion, \$343,525

RAPS, SHIRLEY/GINSBERG, BONNIE/NELSON, VICTORIA/MARINOV, VALENTIN — HUNTER COLLEGE

HOWARD HUGHES MEDICAL INSTITUTE
Howard Hughes Medical Institute Grant, \$328,500

RAVINDRAN, KALIAPPA — CITY COLLEGE

ITT INDUSTRIES
Secure Network, \$62,300
U.S. AIR FORCE
Tools for User—Assisted Behavioral Monitoring of Distributed Information Networks, \$92,268

RAY, LOUIS — HUNTER COLLEGE

U.S. DEPARTMENT OF EDUCATION
Ronald E. McNair Postbaccalaureate Achievement Program, \$220,427
Student Support Services Project, \$413,203

REID, JULANNE/WILLIAMS, PETER — MEDGAR EVERS COLLEGE

U.S. DEPARTMENT OF EDUCATION
TRIO Student Support Services Program, \$260,181

REID, LESLIE—OFFICE OF EXECUTIVE VICE CHANCELLOR—ACADEMIC AFFAIRS

VARIOUS PRIVATE SOURCES
Lieber-Rosener Reading Program, \$5,000

REISER, DIANE — BROOKLYN COLLEGE

THE AFTER-SCHOOL CORPORATION
Brooklyn College Community Partnership for Research and Learning—Bushwick High School After School Advancement Program, \$37,549

RENDON, DIANE — HUNTER COLLEGE

HRSA-DIVISION OF NURSING
Advanced Education Nursing Traineeships, \$65,524
NEW YORK COMMUNITY TRUST
Hunter Bellevue Nursing Fund, \$183,555

RESNICK, EILEEN — BRONX C. C.

NYC DEPARTMENT FOR THE AGING
Project SOS Refugee Program, \$747,803

RETREY, GILBERT—KINGSBOROUGH C. C.

PRIVATE CORPORATIONS
Kingsborough Community College of CUNY: General Account, \$254

RICHARDS, LYNNE/SCHWARTZ, ROBERT — YORK COLLEGE

U.S. DEPARTMENT OF EDUCATION
Ronald E. McNair Postbaccalaureate Achievement Program, \$222,159

RICHARDSON, KATHRYN — NYC COLLEGE OF TECHNOLOGY

HRSA-DIVISION OF NURSING
Scholarships for Disadvantaged Students (SDS) at NYC College of Technology, \$172,064

RICHMAN, GERALD — NYC COLLEGE OF TECHNOLOGY

COLLEGE FUND (CUNY MISCELLANEOUS)
Financial Aid, \$10,000

RIZVI, SYED — COLLEGE OF STATEN ISLAND

U.S. ARMY
A Modular Clutter Rejection Technique for FLIR Imagery Using Region-Based Principal Component Analysis, \$13,229

ROBERTS, LYNN — HUNTER COLLEGE

NEW YORK ACADEMY OF MEDICINE
Awareness and Experience of Oppression, Dating Violence, and HIV Risk Behavior Among African-American and Latina/o High School Students, \$100,000

ROBERTS, LYNN/KRAUSS, BEATRICE — HUNTER COLLEGE

NYS DEPARTMENT OF HEALTH
School Based Initiative, \$52,679

RODRIGUEZ, CATHERINE—UNAFFILIATED PROJECTS

COLLEGE FUND (CUNY MISCELLANEOUS)
Asian-American Higher Education Council, \$1,535

RODRIGUEZ, ESTHER/COCCO DE FILIPPIS, DAISY — HOSTOS C. C.

COLUMBIA UNIVERSITY
Serrano Scholars Program, \$337,311

RODRIGUEZ, ESTHER/MOLINA, CARLOS — HOSTOS C. C.

NYS EDUCATION DEPARTMENT
Post-Secondary Grant, \$533,069

RODRIGUEZ, FELIX — HUNTER COLLEGE

NYS EDUCATION DEPARTMENT
Documentation Project on Influential Puerto Rican/ Latino Leaders in New York State, \$65,000

ROGERS, WILLIAM — CITY COLLEGE

NYS EDUCATION DEPARTMENT
Liberty Partnerships Program, \$171,956

ROJAS, ESTELLA/LAPERLA—MORALES, JOANN — NYC COLLEGE OF TECHNOLOGY

U.S. DEPARTMENT OF EDUCATION
Developing Hispanic—Serving Institutions, \$364,051

ROMAN, STANFORD — CITY COLLEGE

ASSOCIATED MEDICAL SCHOOLS OF NEW YORK
Academic Counselor Grant, \$95,000
BRODERICK BRIAN FOUNDATION
Training Grant in Electrochemistry, Neurochemistry and Neurology, \$50,000
JOSIAH MACY, JR. FOUNDATION
A Model for Urban Medical Education to Meet Tomorrow's Demands, \$163,680
VARIOUS PRIVATE SOURCES
CUNY Medical School Administrative Support, \$250,000

ROMEO, DIANE — NYC COLLEGE OF TECHNOLOGY

VARIOUS PRIVATE SOURCES
Continuing Education Administration, \$132,803

ROMER, NANCY/REISER, DIANE — BROOKLYN COLLEGE

NYC DEPARTMENT OF YOUTH AND COMMUNITY DEVELOPMENT
Alternative to Violence, \$64,428
Education Support for Youth Leadership and Learning, \$63,175

NYS EDUCATION DEPARTMENT

Brooklyn College at Bushwick High School: Entering the 21st Century Together, \$154,822

THE AFTER-SCHOOL CORPORATION

Brooklyn College Community Partnership for Research and Learning: New Utrecht High School— After School Advancement Program, \$81,950

Brooklyn College Community Partnership for Research and Learning: Tilden High School: New Beginnings, \$278,359
Community Partnership for Research and Learning: After School Advancement Program, \$535,061

ROMERO, MIGDALIA—HUNTER COLLEGE

PRIVATE ORGANIZATIONS

New York Bilingual Education Technical Assistance Center, \$9,154

ROMERO, MIGDALIA/SHANAHAN, DANIEL — HUNTER COLLEGE

NYS EDUCATION DEPARTMENT

Bilingual Education Technical Assistance Center, \$475,369

ROSA, CHRISTOPHER — QUEENS COLLEGE

U.S. DEPARTMENT OF EDUCATION

Student Support Services Program, \$240,562

ROSENBLUM, MARK—QUEENS COLLEGE

VARIOUS PRIVATE SOURCES

The Middle East and America - Clash of Civilization or Melt Time of the Minds, \$9,750

ROSENGARTEN, FRANK — GRADUATE SCHOOL

COLLEGE FUND (CUNY MISCELLANEOUS)

Research Group on Socialism and Democracy, \$27,755

ROSENZWEIG, ELLEN — HUNTER COLLEGE

NYS DEPARTMENT OF STATE

Civil Legal Services: Community Service Provider Assistance Program, \$11,258

ROSSON, MICHAEL/CORRENTI, WILLIAM — KINGSBOROUGH C. C.

NYS EDUCATION DEPARTMENT

Library Collection Aid, \$14,971

ROTENBERG, SUSAN — QUEENS COLLEGE

BREAST CANCER ALLIANCE, INC.

Identification of a PKC-Alpha Substrate Protein in the Motility Pathway of Human Breast Cells, \$100,000

ROTENBERG, SUSAN/MIRKIN, MICHAEL — QUEENS COLLEGE

GARNETT MCKEEN LABORATORY, INC.

Redox Aspects of Human Cancer, \$12,000

ROTH, MILLICENT — CITY COLLEGE

NYS EDUCATION DEPARTMENT

City College Academy for Professional Preparation, \$239,749

ROTHBURD, MILTON — JOHN JAY COLLEGE OF CRIMINAL JUSTICE

NYS EDUCATION DEPARTMENT

Science and Technology Entry Program (STEP), \$64,745

ROTHSTEIN, ANNE — LEHMAN COLLEGE

NEW VISION FOR PUBLIC SCHOOLS

School for Teaching and Professions, \$66,000

NYS EDUCATION DEPARTMENT

Science and Technology Entry Program (STEP), \$81,581

U.S. DEPARTMENT OF EDUCATION

Lehman Urban Teacher Education, \$249,999

ROTHSTEIN, ANNE/BAEZ, PEDRO — LEHMAN COLLEGE

NEW VISION FOR PUBLIC SCHOOLS

Astor Collegiate Academy, \$64,000

ROTHSTEIN, ANNE/WASHINGTON, VALERIE — LEHMAN COLLEGE

NYS EDUCATION DEPARTMENT

Teacher Opportunity Corps, \$60,652

RUBIN, MARILYN — JOHN JAY COLLEGE OF CRIMINAL JUSTICE

CSR, INCORPORATED

International Criminal Justice Data Conference Spring 2004, \$10,000

RUCK, MARTIN — GRADUATE SCHOOL

UNIVERSITY OF MARYLAND

Social Reasoning About Exclusion and Rights, \$57,820

RUMAYOR, SANDRA/MAZUR, STEPHANIE — BOROUGH OF MANHATTAN C. C.

NYS EDUCATION DEPARTMENT

Science and Technology Entry Program (STEP), \$86,895

RUMAYOR, SANDRA/VAN LOOP, NANETTE — BOROUGH OF MANHATTAN C. C.

NYS EDUCATION DEPARTMENT

Collegiate Science and Technology Entry Program (CSTEP), \$46,748

RUMAYOR, SANDRA/WONG, ERWIN — BOROUGH OF MANHATTAN C. C.

NYS EDUCATION DEPARTMENT

Liberty Partnerships Program, \$191,500

Perkins III Postsecondary Program: Academic Support Services, \$1,754,192

RUMSCHITZKI, DAVID — CITY COLLEGE

NIH-NATIONAL HEART, LUNG, AND BLOOD INSTITUTE (NHLBI)

Vessel Structure and Pressure: Transport and Atherogenesis, \$257,150

RUSSO, PAUL/TAWIL, ABE — BARUCH COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)

Center for Applied Business and Technology, \$253,227

SAADAWI, TAREK/LEE, MYUNG — CITY COLLEGE

TELCORDIA TECHNOLOGIES, INC.

Telecordia Consortium: Collaborative Technology Alliance for Communications and Networking (CTA C&N), \$268,097

SADEGH, ALI — CITY COLLEGE

ALCOA-KEEP

Design and Manufacturing of Aluminum Car Jack, \$14,000

CON EDISON

Mechanization of a Lift Truck for Circuit Breakers, \$8,525

NORTHROP GRUMMAN

Network Architecture for Wireless, \$10,000

SAEGERT, SUSAN — GRADUATE SCHOOL

NEIGHBORHOOD REINVESTMENT CORPORATION

National Survey Program, \$106,250

UNIVERSITY OF WASHINGTON

Constructing a Social Justice Framework for Youth Service, \$45,164

URBAN HOMESTEADING ASSISTANCE BOARD

Connecting Low-Income Communities to Develop "Digital-Age" Skills, \$15,932

VARIOUS PRIVATE SOURCES

The Center for Human Environments (CHE), \$11,036

SAENZ DE VITERI, JORGE — BRONX C. C.

U.S. DEPARTMENT OF EDUCATION

Child Care Access Means Parents in School, \$124,647

SALMON, ROBERT — HUNTER COLLEGE

ASSOCIATION OF COMMUNICATION

Training of Community Resident Staff, \$52,160

CHARLES FRUEAUFF FOUNDATION

School of Social Work Project Impact, \$35,390

SALMON, ROBERT/GRAZIANO, ROBERTA — HUNTER COLLEGE

NYC DEPARTMENT OF HEALTH AND MENTAL HYGIENE

Targeted Capacity Expansion Cooperative Agreement to Meet Emerging and Urgent Mental Health Service Needs of Communities, \$771,867

SALMON, ROBERT/SCHAEFER, IRENE — HUNTER COLLEGE

HELENA RUBENSTEIN FOUNDATION

Scholarships for MSW Students in 1994–1995, \$15,000

JEWISH FOUNDATION FOR EDUCATION OF WOMEN

Jewish Foundation Scholarships: Provide 4 Scholarships per Year, for 3 Years, in the Amount of \$5000: 2 for Single Women Raising at Least 1 Child and 2 for Women Concentrating in Gerontology, \$30,000

SALMON, ROBERT/UNTERBACH, DAVIDA — HUNTER COLLEGE

PROMESA, INC.

Staff Development Project, \$8,750

SANCHEZ, CHRISTINE MONE — JOHN JAY COLLEGE OF CRIMINAL JUSTICE

U.S. DEPARTMENT OF EDUCATION

Student Support Services Program, \$285,794

SANCHEZ, GEORGE/OLIVER, ELIZABETH — BRONX C. C.

RESEARCH FOUNDATION/SUNY

Public Service Workshops Program, \$1,600

SANDEN, KEN — YORK COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)

Signage Projects Including Furnishing and Installing Signage at York College, \$47,948

SANDERS, JAMES/CIACCIO, LEONARD — COLLEGE OF STATEN ISLAND

NYS EDUCATION DEPARTMENT

Teacher Opportunity Corps: Discovery Project, \$49,440

U.S. DEPARTMENT OF EDUCATION

Gaining Early Awareness and Readiness for Undergraduate Programs (GEAR UP), \$1,127,304

Teacher Quality Enhancement, \$425,920

SARACHIK, MYRIAM — CITY COLLEGE

AMHERST COLLEGE

Toward Quantum Computing with Molecular Magnets: Studies of Spin Dynamics in a Radiation Field, \$85,042

NATIONAL SCIENCE FOUNDATION

Experimental Studies in High-Spin Molecular Magnets, \$92,000

U.S. DEPARTMENT OF ENERGY

Transport and Microwave Studies of Silicon Inversion Layers, \$145,000

SARAVIA-SHORE, MARIETTA/DIGBY, ANNETTE — LEHMAN COLLEGE

U.S. DEPARTMENT OF EDUCATION

Gaining Early Awareness and Readiness for Undergraduate Programs (GEAR UP), \$1,516,800

SAUNDERS, WILFORD — LAGUARDIA C. C.

NYS EDUCATION DEPARTMENT

ESL Workplace Literacy, \$36,427

SAVAGE, CARIN — BRONX C. C.

NYS EDUCATION DEPARTMENT

Tutor Certification and Standardization Services, \$1,191,807

SAVAGE, CARIN/SANCHEZ, GEORGE — BRONX C. C.

NATIONAL COLLEGIATE ATHLETIC ASSOCIATION

National Youth Sports Program, \$9,247

SAVAGE, CARIN/SELIGER, MICHAEL — BRONX C. C.

DHHS/ADMINISTRATION FOR CHILDREN AND FAMILIES (ACF)

Head Start Partnerships with Hispanic—Serving Institutions of Higher Education, \$130,000

SAVAGE-DUNN, CATHY — QUEENS COLLEGE

AMERICAN CANCER SOCIETY

Genes and Cells Involved in TGFB Signaling in C. Elegans, \$720,000

SCARLATOS, LORI — BROOKLYN COLLEGE

NATIONAL SCIENCE FOUNDATION

CAREER: Tangible Interfaces for Collaborative Learning Environments, \$69,730

SCELSA, JOSEPH — QUEENS COLLEGE

NEW YORK COUNCIL FOR THE HUMANITIES

Walter Wolff Event "The Story of a Holocaust Survivor in Germany and Italy", \$1,072

SCHLEIN, JACK — YORK COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)

Science, Engineering, Mathematics and Aerospace Academy (SEMAA), \$17,000

PARAGON TEC, INC.

The Science, Engineering, Mathematics, and Aerospace Academy (SEMAA), \$135,000

SCHMELTZER, DAVID — CITY COLLEGE

U.S. DEPARTMENT OF ENERGY

Quantum Wires: Spin Transport, \$44,000

SCHMIDT, PETER — QUEENS COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)

Caumsett Environmental Center, \$281,507

SCHNEIDER, PATRICIA — QUEENSBOROUGH C. C.

NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCE (NIGMS)

OCC-NIH Bridges to the Future, \$214,449

SCHOUTENS, HANS — NYC COLLEGE OF TECHNOLOGY

NATIONAL SCIENCE FOUNDATION

Definability, Constructibility and Transfer, \$9,239

SCHREIBMAN, MARTIN — BROOKLYN COLLEGE

RESEARCH FOUNDATION/SUNY

Endocrine Disruption in Jamaica Bay: Are Winter Flounder Being Affected?, \$54,000

SCHRODER, BARBARA/COOPERMAN, BRUCE — GRADUATE SCHOOL

UNIVERSITY OF MINNESOTA

CEPT Core Data Collection, \$4,500

SCHULMAN, JANE/GILBERTO, LINDA — LAGUARDIA C. C.

NYC HUMAN RESOURCES ADMINISTRATION

Employment Services and Placement, \$1,917,851

VARIOUS PRIVATE SOURCES

Division of Continuing Education's Research Development Programs and Taxi Institute Program, \$2,330,133

SCHULMAN, JANE/WATSON, SANDRA — LAGUARDIA C. C.

NYC DEPARTMENT OF HOUSING PRESERVATION & DEVELOPMENT

Section 8 Family Self-Sufficiency, Career Advancement Program, \$1,034,644

SCHULMAN, STUART — KINGSBOROUGH C. C.

CONCURRENT TECHNOLOGIES CORPORATION

The Cluster-Based Entrepreneurship Alliance, \$18,500

SCHULZ, HORST — CITY COLLEGE

NIH-NATIONAL HEART, LUNG, AND BLOOD INSTITUTE (NHLBI)

Metabolism of Unsaturated and Hydroxy Fatty Acids, \$271,250

SCHWARTZ, BRIAN — GRADUATE SCHOOL

VARIOUS PRIVATE SOURCES

Sponsored Research, \$7,534

SCHWARTZ, GARY — LEHMAN COLLEGE

U.S. DEPARTMENT OF EDUCATION

Ronald E. McNair Postbaccalaureate Achievement Program, \$220,427

SCHWARTZ, LAURA — GRADUATE SCHOOL

VARIOUS PRIVATE SOURCES

Renaissance Society of America, \$58,494

SCHWARTZ, MARTIN — COLLEGE OF STATEN ISLAND

RESEARCH FOUNDATION/SUNY

Staten Island Small Business Development Center (SI SBDC), \$170,999

SCHWARTZ, RICHARD — GRADUATE SCHOOL

NIH-NATIONAL INSTITUTE ON DEAFNESS AND OTHER COMMUNICATION DISORDERS

Real-Time Examination of Childhood Language Impairment, \$334,390

SCHWARTZ, RICHARD/CLEARY, MIRANDA — GRADUATE SCHOOL

NIH-NATIONAL INSTITUTE ON DEAFNESS AND OTHER COMMUNICATION DISORDERS

Word Identification & Memory in Children with CIs, \$42,976

SCHWARZ, STEVEN — QUEENS COLLEGE

RESEARCH FOUNDATION/SUNY

Garcia Center for Polymers at Engineered Interfaces, \$85,999

SCLAFFANI, ANTHONY — BROOKLYN COLLEGE

NIH-NATIONAL INSTITUTE OF DIABETES, DIGESTIVE, AND KIDNEY DISEASES

Carbohydrate Appetite, Fat Appetite, and Obesity, \$528,500
UNIVERSITY OF CINCINNATI

Cincinnati Mouse Diabetes Phenotype, \$10,000

SEGAL, LYDIA—JOHN JAY COLLEGE OF CRIMINAL JUSTICE

JOHN M. OLIN FOUNDATION, INC.

Corruption in Public Schools, \$1,500

SELF, GLENDA — BRONX C. C.

NYC DEPARTMENT OF EMPLOYMENT

Project HIRE Adult Training Program, \$91,208

SEPTEMBER 11TH FUND

9/11 Fund Employment Assistance Program, \$3,000

SELF, GLENDA/SANCHEZ, GEORGE — BRONX C. C.

YONKERS PRIVATE INDUSTRY COUNCIL, INC.

Project HIRE: ITAs, \$36,000

SELIGER, MICHAEL — BRONX C. C.

U.S. DEPARTMENT OF ENERGY

Research, Development and Planning for the Center for Sustainable Energy, \$481,000

SERON, CARROLL — BARUCH COLLEGE

NATIONAL SCIENCE FOUNDATION

Collaborative Research: Developing Diverse Leadership for Engineering,

\$484,244

Police-Community Relations, \$54,117

SEVAK, PURVI — HUNTER COLLEGE

BOSTON COLLEGE

Estimating The Wage Elasticity of Labor Supply for Older Workers, \$25,000

SHANLEY, DEBORAH — BROOKLYN COLLEGE

NYS EDUCATION DEPARTMENT

HABETAC — Haitian Bilingual/ESL Education Technical Assistance Center, \$156,137

UNITED FEDERATION OF TEACHERS

United Federation of Teachers Cooperative Project, \$564,103

VARIOUS PRIVATE SOURCES

Long Island Teacher Association Cooperative Project: Brooklyn College School of Education Consortium, \$1,203,285

SHATTUK, MARK — CITY COLLEGE

NATIONAL SCIENCE FOUNDATION

CAREER: Granular Media Experimental Kinetic Theory, \$90,384

SHAW, PENNY — HUNTER COLLEGE

NEW YORK EASTER SEAL SOCIETY

Project Happy, \$55,583

SHEN, CHANG-HUI — COLLEGE OF STATEN ISLAND

NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCE (NIGMS)

Functional Characterization of Remodeling Complex Ino80p, \$184,269

SHERBY, LOUISE/WONSEK, PAMELA — HUNTER COLLEGE

NYS EDUCATION DEPARTMENT

Library Collection Aid, \$21,402

SHERWEN, LAURIE/VILADRICH, ANAHI — HUNTER COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)

Immigration and Health, \$38,247

SHILLING, WYNNE/SCHWARTZ, SYDNEY — YORK COLLEGE

NYC DEPARTMENT OF EDUCATION

Literacy Enhancement Project, \$202,700

SHINNAR, REUEL — CITY COLLEGE

NATIONAL SCIENCE FOUNDATION

Coalescence and Phase Separation During Spinodal Decomposition of Solvent Mixtures Far from Critical Point, \$94,123

SHNEYERSON, LEV — HUNTER COLLEGE

U.S. DOD-NATIONAL SECURITY AGENCY

Growth and Identities of Semigroups, \$13,812

SILBERMAN, ROSANNE — HUNTER COLLEGE

LAVELLE FUND FOR THE BLIND, INC.

Preparation of Teachers of the Visually Impaired as Orientation and Mobility Specialists, \$54,825

LIGHTHOUSE, INC.

VTR Program: Overcoming Vision Impairment Through Rehabilitation, Education, and Research, \$5,000

NEW YORK COMMUNITY TRUST

A Collaborative Model: Professional and Paraprofessional Training of Personnel to Serve People with Impaired Vision, \$110,000

NEW YORK INSTITUTE FOR SPECIAL EDUCATION

Training Program for Vision Rehabilitation: Professionals and Paraprofessionals, \$2,500

STATE UNIVERSITY OF NEW YORK—ALBANY

Intensive Teacher Institute for Teachers of the Blind/Visually Impaired and Deaf/Hearing Impaired, \$52,093

U.S. DEPARTMENT OF EDUCATION

Preparation of Minority Multi-Skilled Vision Rehabilitation Professionals from Culturally and Linguistically Diverse Urban Populations, \$100,000

Preparation of Teachers for Learners with Severe Disabilities including DeafBlindness from Culturally and Linguistically Diverse Urban Populations, \$200,000

SILVERMAN, LINDA — NYC COLLEGE OF TECHNOLOGY

NYS EDUCATION DEPARTMENT

Science and Technology Entry Program (STEP), \$102,155

Teacher Leader Quality Partnership (TLQP) Program, \$75,000

SIMMONS, ESMERALDA/RIDDICK, GWENDOLYN — MEDGAR EVERS COLLEGE

NEW YORK COMMUNITY TRUST

Technical Assistance Grant, \$5,000

NYC DEPARTMENT OF EDUCATION

Professional Development and Related Services for School Leadership Throughout the School System, \$14,200

SINGER, RACHEL/BERNSTEIN, ANITA — KINGSBOROUGH C. C.

MANPOWER DEMONSTRATION RESEARCH CORPORATION

Opening Doors Learning Communities, \$231,865

SLATER, MORTON/ILER, ELISABETH — CITY COLLEGE

IRENE DIAMOND FOUNDATION

Gateway to Higher Education, \$125,000

NYS EDUCATION DEPARTMENT

Science and Technology Entry Program (STEP), \$324,155

NEW VISION FOR PUBLIC SCHOOLS

Gateway School at Kennedy, \$61,000

Gateway School of Stevenson, \$60,000

VARIOUS PRIVATE SOURCES

Gateway to Higher Education Program, \$10,280

SLATER, MORTON/SAUL, MARK — OFFICE OF EXECUTIVE VICE CHANCELLOR — ACADEMIC AFFAIRS

NATIONAL SCIENCE FOUNDATION
Intergovernmental Personnel Act (IPA), \$201,772

SLOAN, HEATHER — LEHMAN COLLEGE

AMERICAN MUSEUM OF NATURAL HISTORY
Project TRUST: Teacher Renewal for Urban Science Teaching, \$58,855

SMALL, GILLIAN — CITY COLLEGE

AMERICAN HEART ASSOCIATION
Peroxisome Proliferation and Regulation, \$71,500

SMILEY, ELLEN — CITY COLLEGE

SLOAN-KETTERING MEMORIAL CANCER CENTER
Human Subjects Research Enhancement Program, \$80,000

SMITH, GAIL — GRADUATE SCHOOL

NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCE (NIGMS)
Bridges to the Doctorate, \$281,697

SMITH, GAIL/SCHWARTZ, BRIAN — GRADUATE SCHOOL

IRENE DIAMOND FOUNDATION
CUNY Pipeline/Diamond Fellowship Program, \$29,721
NATIONAL SCIENCE FOUNDATION
Minority Access/Graduate Networking in the Sciences, Engineering, and Mathematics, \$285,000

SMITH, LAUNCELOTT — JOHN JAY COLLEGE OF CRIMINAL JUSTICE

U.S. DEPARTMENT OF JUSTICE
RCPI Integrity/Public Trust Initiative, \$400,000

SMITH, NONA — NYC COLLEGE OF TECHNOLOGY

COMMUNITY COUNSELING & MEDIATION
Expanding Options for Teen Parents and Youth, \$40,000
NYS EDUCATION DEPARTMENT
Community Service Provider Assistance Program, \$5,000

SMITH, NONA/SONNENBLICK, CAROL — NYC COLLEGE OF TECHNOLOGY

VARIOUS PRIVATE SOURCES
Access for Women, \$56,758

SOFAER, SHOSHANNA — BARUCH COLLEGE

ATLANTIC PHILANTHROPIES
Evaluating Efforts to Improve the Reach and Impact of Local State Health Insurance Information and Counseling Programs (SHIPS), \$125,000
HARVARD UNIVERSITY
Consumer Assessment of Health Plans Study (CAHPS) II, \$164,872
RESEARCH TRIANGLE INSTITUTE
Public Reporting and Health Plan and Provider Quality-of-Care, \$174,153

SOMMER, KRISTIN — BARUCH COLLEGE

NIH-NATIONAL INSTITUTE OF MENTAL HEALTH (NIMH)
Rejection, Personality, and Interpersonal Functioning, \$253,500

SOMMER, RONALD/HANSON, JACINTH — NYC COLLEGE OF TECHNOLOGY

NYS EDUCATION DEPARTMENT
Assessment, Resources, and Success Program, \$229,998

SONNENBLICK, CAROL/HOFFMAN, CHUCK — NYC COLLEGE OF TECHNOLOGY

BROOKLYN WORKFORCE INNOVATIONS
Family Development Credentialing (FDC) Program, \$42,147

SPIELMAN, JANE — CITY COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)
Professional Development in Literacy for Teachers, Counselors, and Families, \$34,914
NYC DEPARTMENT OF EDUCATION
Center for Educational Options to Provide Staff Development Services and Technical Assistance in Alternative Assessment of Student Achievement, \$10,354

SPROUL, BARBARA — HUNTER COLLEGE

ALAVI FOUNDATION
Course Support, \$5,500
COLLEGE FUND (CUNY MISCELLANEOUS)
Support of Academic Program, \$2,998

ST. JOHN, KATHERINE — LEHMAN COLLEGE

NATIONAL SCIENCE FOUNDATION
ITR/AP: Collaborative Research: Exploring the Tree of Life, \$116,707

ST. JOHN, RONALD — YORK COLLEGE

U.S. DEPARTMENT OF AGRICULTURE
New York Summer Food Service Program, \$21,757

STAMOS, IOANNIS — HUNTER COLLEGE

NATIONAL SCIENCE FOUNDATION
CAREER: Photorealistic 3-D Modeling, \$78,639

STANLEY, CLARENCE — LEHMAN COLLEGE

RESEARCH FOUNDATION/SUNY
Veteran's Business Outreach Program, \$119,348

STARK, RUTH — COLLEGE OF STATEN ISLAND

ALBERT EINSTEIN COLLEGE OF SCIENCE
Biology of Fungal Melanin, \$131,415
NATIONAL SCIENCE FOUNDATION
Molecular Structure and Function of Protective Plant Polymers, \$120,000
RCN: Networking Tools, \$99,721
RUTGERS UNIVERSITY
Fatty Acid Transport in the Intestine, \$123,254

STARK, RUTH/BATTEAS, JAMES — COLLEGE OF STATEN ISLAND

U.S.-ISRAEL BINATIONAL SCIENCE FOUNDATION
Binational Agricultural Research and Development Fund (BARD): Understanding the Hardening Syndrome of Potato (*Solanum Tuberosum*) Tuber Tissue to Eliminate Textural Defects in Fresh and Fresh-Peeled/Cut Products, \$58,100

STEINBERG, MARK — CITY COLLEGE

BATTELE
Time Dependent Gene-Array Studies of Normal and Immortalized Human Keratinocytes Exposed to Different Concentrations of Sulfur Mustard and Lewisite, \$13,636

STEINBERG, RICHARD — CITY COLLEGE

NATIONAL SCIENCE FOUNDATION
Physics Education Research-Based Reform at a Multicultural Institution, \$109,867

STONE, PAMELA — HUNTER COLLEGE

UNIVERSITY OF CALIFORNIA - LOS ANGELES.
Research Support Account, \$7,500

STONE, PAMELA/KUPERBERG, ARIELLE — HUNTER COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)
The New Traditionalist: A Content Analysis and Assessment of Backlash in the Print Media Depiction of Women Professionals Who Exchange Careers for Motherhood, \$4,860

STRANGE, WINIFRED — GRADUATE SCHOOL

NIH-NATIONAL INSTITUTE ON DEAFNESS AND OTHER COMMUNICATION DISORDERS
Cross-Language Studies of Vowel Acoustics and Perception, \$273,861

STRANGE, WINIFRED/LEVY, ERIKA — GRADUATE SCHOOL

NIH-NATIONAL INSTITUTE ON DEAFNESS AND OTHER COMMUNICATION DISORDERS
Perception of French Vowels by Americans Learning French, \$24,147

STRASSBERG, HELEN/SALCEDO, MIGUELANGEL — YORK COLLEGE

NATIONAL SCIENCE FOUNDATION
Computer and Mathematics Scholar Support Coalition, \$400,000

STROZIER, CHARLES/LIFTON, ROBERT — JOHN JAY COLLEGE OF CRIMINAL JUSTICE

COLLEGE FUND (CUNY MISCELLANEOUS)
Center on Violence and Human Survival Administrative Grant, \$25,000

STURMEY, PETER/POULSON, CLAIRE — QUEENS COLLEGE

NYS EDUCATION DEPARTMENT
Develop & Deliver Undergraduate, Graduate & Inservice Courses
Relating to the Education of Students with Autism Spectrum Disorders,
\$25,000

STYLIANOU, DESPINA — CITY COLLEGE

UNIVERSITY OF MASSACHUSETTS
Invigorating Early Undergraduate Mathematics Experience:
Understanding Linkages Between Social and Cognitive Aspects of
Students' Transition to Mathematical Proof, \$65,531

SUBRAMANIAM, KOLLURU — CITY COLLEGE

NATIONAL SCIENCE FOUNDATION
CAREER: Model-Based Microstructure Evaluation of Hydrating
Cementitious Materials: Development of a Test System and
Experimental Investigation, \$401,873

SUSSER, IDA — HUNTER COLLEGE

JOHN D. & CATHERINE T. MACARTHUR FOUNDATION
Fellowship Funds, \$10,000

SWARTZ, KARYL — LEHMAN COLLEGE

NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCE (NIGMS)
MBRS/SCORE Project, \$2,784,030

SYLVAN, CLAIRE/BIHN, JOHN — LAGUARDIA C. C.

COLLEGE FUND (CUNY MISCELLANEOUS)
International Partnership Schools — Gates Foundation, \$29,895

SZPIRO, LUCIEN — GRADUATE SCHOOL

COLUMBIA UNIVERSITY
Joint Columbia-CUNY-NYU-Number Theory Seminar, \$15,000

TAM, THOMAS — QUEENS COLLEGE

VERIZON FOUNDATION
Community and Academia Hi-Tech Bridge Proposal, \$5,000

TAMARGO, MARIA — CITY COLLEGE

U.S. NAVY
The 11th International Conference on II–IV Compounds, \$10,000

TAMARGO, MARIA/MUNOZ, MARTIN — CITY COLLEGE

NATIONAL SCIENCE FOUNDATION
Wide Bandgap II–VI Compounds for Quantum Cascade Lasers,
\$70,000

TANANBAUM, DUANE — LEHMAN COLLEGE

THE FRANKLIN AND ELEANOR ROOSEVELT INSTITUTE
Herbert Lehman Conference, \$5,000

TARBELL, JOHN — CITY COLLEGE

NASA
Microgravity Effects on Transvascular Transport and Vascular Control,
\$63,369
NIH-NATIONAL HEART, LUNG, AND BLOOD INSTITUTE (NHLBI)
Shear Stress Effects on Endothelial Transport, \$415,145
Wall Shear Stress in the Cardiovascular System, \$295,400
PENNSYLVANIA STATE UNIVERSITY
Prosthetic Heart Valve Fluid Mechanics and Blood Damage, \$95,412
U.S. ARMY
Acquisition of a Multifunctional Confocal Microscope, \$353,000

TCHERNICHOVSKI, OFER — CITY COLLEGE

NIH-NATIONAL INSTITUTE ON DEAFNESS AND OTHER COMMUNICATION
DISORDERS
Behavioral Mechanisms of Vocal Imitation, \$273,637

TERRY, KAREN — JOHN JAY COLLEGE OF CRIMINAL JUSTICE

U.S. CONFERENCE OF CATHOLIC BISHOPS
The Nation and the Scope of the Problem of Sexual Abuse of Children
by Catholic Priests and Deacons within the United States, \$135,490

TERRY, SHERRI-ANN/JEAN-PIERRE, PAUL — QUEENSBOROUGH C. C.

NYS EDUCATION DEPARTMENT
Liberty Partnerships Program, \$239,861

TEXEIRA, KAREN — JOHN JAY COLLEGE OF CRIMINAL JUSTICE

U.S. DEPARTMENT OF EDUCATION
Upward Bound Program, \$454,045

THANGARAJ, ELIZABETH — CITY COLLEGE

U.S. DEPARTMENT OF EDUCATION
Student Support Services Program at CCNY, \$486,061

THOMAS, RONALD/APPEL, JOAN — YORK COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)
GRTI 7S Matching Funds, \$210,775

THOMAS, RONALD/CORBIE, LEO — YORK COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)
Continuing Education, \$550,000

TITONE, ALFRED/MURPHY, CYNTHIA — YORK COLLEGE

RESEARCH FOUNDATION/SUNY
The New York State Small Business Development Center (NYS/SBDC),
\$256,560

TOBIN, KENNETH — GRADUATE SCHOOL

NATIONAL SCIENCE FOUNDATION
Use of Research to Improve the Quality of Science Education in Urban
High Schools, \$304,963

TOBIS, DAVID/LACKEY, MELINDA — HUNTER COLLEGE

WORLD BANK
Lithuania/Moldova, \$140

TOK, JEFFREY — YORK COLLEGE

AMERICAN CHEMICAL SOCIETY
Control of Gene Expression, \$17,500

TOLLIVER, WILLIE — HUNTER COLLEGE

NYC DEPARTMENT OF EDUCATION
Project Grow, \$198,960

TOMASZ, MARIA — HUNTER COLLEGE

NIH-NATIONAL CANCER INSTITUTE (NCI)
Adducts of Mitomycin C with Nucleotides, \$222,875

TRENKNER, EKKHART — COLLEGE OF STATEN ISLAND

NYS OFFICE OF MENTAL RETARDATION & DEVELOPMENTAL DISABILITIES
Improvement of Pre and Postdoctoral Education and Research in
Developmental Neuroscience and Developmental Disabilities, \$580,650

TRIEF, ELLEN — HUNTER COLLEGE

UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL
Early Intervention Training Center for Infants and Toddlers with Visual
Impairments, \$1,025

TUCKER, EDWARD/SHORT, TIMOTHY — BARUCH COLLEGE

NATIONAL SCIENCE FOUNDATION
RUI: A Nikon TE2000-U Research Inverted Microscope and
Microinjection System for Studies of Calcium Signaling in Plants,
\$81,516

TURNER, CHARLES — QUEENS COLLEGE

JOHNS HOPKINS UNIVERSITY
Assessment Mode and Validity of Self-Reports in Adults, \$17,139

U

UGORETZ, JOSEPH/BRAGG, SADIE—BOROUGH OF MANHATTAN C. C.

GEORGETOWN UNIVERSITY
Visible Knowledge Project, \$9,000

WALLACH, JOHN—HUNTER COLLEGE

VARIOUS PRIVATE SOURCES
Human Rights Colloquium, \$250

WALLMAN, JOSHUA—CITY COLLEGE

NIH-NATIONAL EYE INSTITUTE (NEI)
Role of Vision in Etiology of Axial Myopia, \$371,023

WALSH, ELAINE—HUNTER COLLEGE

NYS EDUCATION DEPARTMENT
Pre-College After School Program, \$258,500
Public Service Scholar Program - Seeks to Improve Our Cities and the Lives of People by Preparing Talented Students for Careers in Public and Nonprofit Sectors, \$5,000
NYS OFFICE OF CHILDREN AND FAMILY SERVICES
Project Support, \$5,000

WANG, HOAU-YAN—CITY COLLEGE

PAIN THERAPEUTICS, INC
Underlying Mechanism of the Mu Opioid Receptor G-Protein Switch that Occurs in Opioid Tolerance and its Prevention by Ultra-Low-Dose Opioid Antagonists, \$25,047

WASHINGTON, VALERIE—LEHMAN COLLEGE

NYS EDUCATION DEPARTMENT
Lehman College/District 9 Collaboration, \$99,101

WASSERMAN, SUZANNE—GRADUATE SCHOOL

VARIOUS PRIVATE SOURCES
Gotham Center: Education, \$80,030

WATERS, GLORIANA/BROWN, ARTHUR—OFFICE OF VC—FACULTY & STAFF RELATIONS

COLLEGE FUND (CUNY MISCELLANEOUS)
Exams, \$8,805
University Personnel Office, \$101,897

WATKINS, CHARLES/GUMBS, GODFREY—CITY COLLEGE

NATIONAL SCIENCE FOUNDATION
CREST Center for Mesoscopic Modeling and Simulation, \$499,999

WATKINS, DON—BARUCH COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)
Fourth Sino-American Conference on Education, \$2,200

WATSON, SANDRA—LAGUARDIA C. C.

NYC DEPARTMENT OF EMPLOYMENT
In-School Youth Employment Program (YEP), \$171,732
Youth Employment Program (YEP) Workforce Investment Act (WIA), \$113,815

WATSON, SANDRA/KIERAN, MARY—LAGUARDIA C. C.

CONSORTIUM FOR WORKER EDUCATION
Customized Classes in Information Technology, \$118,172

WATSON, SANDRA/MOGULESCU, JOHN/EBENSTEIN, WILLIAM—LAGUARDIA C. C.

NYC HEALTH AND HOSPITALS CORPORATION
CUNY Career Ladder and Skills Upgrading Program, \$312,410

WATTS, JAMES—CITY COLLEGE

FREEMAN FOUNDATION
Strengthening Undergraduate Asian Studies at City College, \$443,236

WEIL, EDWARD/LUBNER, MAXINE—YORK COLLEGE

PORT AUTHORITY OF NEW YORK / NEW JERSEY
Aviation Institute Agreement, \$140,000

WEINBAUM, SHELDON—CITY COLLEGE

CORNELL UNIVERSITY
New York State NASA Space Grant, \$68,000
NIH-NATIONAL ARTHRITIS AND MUSCULOSKELETAL AND SKIN DISEASES (NIAMS)
Cytoskeletal Strain Amplification Due to Bone Fluid Flow, \$343,700

V

VALIAN, VIRGINIA—HUNTER COLLEGE

AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE
U.S. Recipients of Women's International Science Collaboration Program
2001-2003 Travel Grants: Armenia, \$7,214

VALIAN, VIRGINIA/KLEIN, ELAINE/MARTOHRDJONO, GITA—HUNTER COLLEGE

NATIONAL SCIENCE FOUNDATION
Using Temporal Markers in Standard American English: Second Language Learners, Bilingual and Bidialectal Speakers, \$190,916

VALIAN, VIRGINIA/RABINOWITZ, VITA/PIZER, RICHARD/RAPS, SHIRLEY—HUNTER COLLEGE

NATIONAL SCIENCE FOUNDATION
Advance: Institutional Transformation Award, \$744,000

VAN RYZIN, GREGG—BARUCH COLLEGE

ALFRED P. SLOAN FOUNDATION
To Determine the Feasibility of Launching E-Town Panel, an Internet-Based Panel Survey of Citizen Satisfaction with Local Government, \$44,960

VAUGHN, SUSAN/HIGGINBOTHAM, BARBARA—BROOKLYN COLLEGE

NYS EDUCATION DEPARTMENT
Library Collection Aid, \$17,834

VEIT, RICHARD—COLLEGE OF STATEN ISLAND

CHARLES BLAKE FOUNDATION-NUTTALL ORNITHOLOGICAL SOCIETY
Restoration of Endangered Roseate Terns on Muskeget Island, Massachusetts, \$7,000
NATIONAL SCIENCE FOUNDATION
CAREER: Dynamics of Predator—Prey Behavior in the Antarctic Ocean, \$86,724

VITERITTI, JOSEPH—HUNTER COLLEGE

PRINCETON UNIVERSITY
Public Policy, \$186,701

VITKALOV, SERGEY—CITY COLLEGE

NATIONAL SCIENCE FOUNDATION
CAREER : Dynamical Properties of Low Dimensional Systems, \$90,000

VOLPE, MARIA—JOHN JAY COLLEGE OF CRIMINAL JUSTICE

COLLEGE FUND (CUNY MISCELLANEOUS)
CUNY Dispute Resolution Consortium, \$9,172
NYC DEPARTMENT OF CORRECTION
Cops and Kids Conflict Resolution Dialogue Program, \$3,000
VARIOUS PRIVATE SOURCES
Conflict Resolution and Mediation for CUNY Directors and Student Activities, \$2,110
W.F. HEWLETT FOUNDATION
CUNY Dispute Resolution Consortium, \$100,000

VOORHEES, SCOTT/HAREWOOD, AITHEA/GORELICK, STEVEN—GRADUATE SCHOOL

COLLEGE FUND (CUNY MISCELLANEOUS)
Continuing Education and Public Program, \$125,000

W

WALLACE, WILLIAM—COLLEGE OF STATEN ISLAND

ECOTOX
Comparison of Bioavailability, Trophic Transfer and Effects of Copper, Lead and Zinc Among Metal Contaminated Estuaries, \$5,000

NIH-NATIONAL HEART, LUNG, AND BLOOD INSTITUTE (NHLBI)

A National Urban Model for Minority Undergraduates, \$477,910

UNIVERSITY OF CALIFORNIA — DAVIS

New Approach to Endothelial Cleft Structure, \$123,177

WHITAKER FOUNDATION

Creation of a New Department and Undergraduate Degree Program in BME using the Resources of an Urban Consortium, \$227,638

YALE UNIVERSITY

Axial Flow Effects in Proximal Tubules, \$89,300

WEINER, MICHAEL — CITY COLLEGE

NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCE (NIGMS)

MARC Honors Undergraduate Research Training Program, \$207,861

MBRS/RISE at CCNY: Research Support for Biomedical Careers at CCNY, \$507,007

WEINER, MICHAEL/SCHIERMAN, DEBBIE — CITY COLLEGE**NASA**

Technology Integrated Program for Preparation of Tomorrow's MSET Teachers, \$200,000

WEISBERG, MICHAEL — KINGSBOROUGH C. C.**NASA**

Petrologic: Geochemical Studies of Primitive Solar System Materials, \$44,000

WEISS, THOMAS — GRADUATE SCHOOL

COLLEGE FUND (CUNY MISCELLANEOUS)

United Nations Intellectual History Project, \$311,056

WEISSMAN, HAROLD — HUNTER COLLEGE

NYS OFFICE OF TEMPORARY AND DISABILITY ASSISTANCE

OTDA Management Training and Quality Assurance Seminars for HRA/NYC, \$46,080

WELTER, BARBARA/CRAHAN, MARGARET — HUNTER COLLEGE

CUNY GRADUATE CENTER

Course Support, \$6,000

WENZEL, MITCHELL — BRONX C. C.

U.S. DEPARTMENT OF EDUCATION

Developing Hispanic-Serving Institutions: Improving Freshman Year Outcomes, \$419,129

WETTAN, RICHARD — QUEENS COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)

Athletics Auxiliary, \$115,728

Athletics Full Time, \$801,917

Athletics Support Program, \$171,116

Summer Sports Camp Part Time, \$465,264

WHEELER, DARRELL — HUNTER COLLEGE

CDC-CENTER FOR PREVENTION SERVICES (CPS)

Intergovernmental Personnel Act, \$3,000

NYC DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HIV/AIDS Epidemiologic Research In Black/African American Men Who Have Sex With Men, \$212,343

WHIPKEY, SHERMAN — COLLEGE OF STATEN ISLAND

VARIOUS PRIVATE SOURCES

Financial Aid Administration, \$109

WIERASZKO, ANDRZEJ — COLLEGE OF STATEN ISLAND

NIH-NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCE (NIEHS)

The Influence of Static Magnetic Fields on Brain Tissue, \$126,750

WILEY, MEGAN/GHEDIRA, HOSNI — CITY COLLEGE

U.S. DEPARTMENT OF COMMERCE — ECONOMIC DEVELOPMENT ADMINISTRATION

NOAA EPP/MSI: Environmental Entrepreneurship Program, \$249,972

WILKINSON, PATRICIA — BOROUGH OF MANHATTAN C. C.

MATHEMATICAL ASSOCIATION OF AMERICA

MAA/ Tensor Foundation - Women Education Increase the Number of Women in SMET Majors. Provide Research Fellowships for 20 Women in a 2004 Summer Workshop, \$5,000

U.S. DEPARTMENT OF EDUCATION

Faculty Workshop: Adjuncts, Applets, Pre-Calculus, and Statistics, \$25,000

WILKINSON, PATRICIA/SHER, LAWRENCE — BOROUGH OF MANHATTAN C. C.

U.S. DEPARTMENT OF EDUCATION

Four Colleges: Calculus + Enhancement, \$150,950

WILLIAMS, GREGORY — CITY COLLEGE

NIH-NATIONAL CENTER FOR RESEARCH RESOURCES (NCRR)

Cellular/Molecular Basis of Development: Research Center, \$2,435,301

WILLIAMS, GREGORY/GUYDEN, JERRY — CITY COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)

Cellular/Molecular Basis of Development Research Center/RCMI Matching Funds, \$300,000

WILLIAMS, MARIA — YORK COLLEGE

NYS DEPARTMENT OF LABOR

Education for Gainful Employment, \$98,746

NYS EDUCATION DEPARTMENT

WIA Title 2 ESOL/Civics, \$300,000

WILLIAMS, PETER/MITCHELL, DELORIS — MEDGAR EVERS COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)

ACE Operations, \$105,000

WINTER, AMY — QUEENS COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)

Godwin-Ternbach Museum, \$4,980

INSTITUTE OF MUSEUM AND LIBRARY SERVICES

Collection Management Survey, \$2,325

WITHERS, DORIS — MEDGAR EVERS COLLEGE

NYS EDUCATION DEPARTMENT

VATEA Academic Support Services, \$486,687

WOLBERG, GEORGE — CITY COLLEGE

U.S. NAVY

Log-Polar Transforms for Optical Image Processing and Target Recognition, \$165,165

WOLFE, MARCIE — LEHMAN COLLEGE

AMBER CHARTER SCHOOL

Professional Development in Math, \$12,032

EAST RAMAPO CSD

Professional Development, \$5,800

ICAHN CHARTER SCHOOL

Professional Development in Math and Writing, \$35,964

NATIONAL WRITING PROJECT

National Writing Project University of Oklahoma Technical Support, \$2,000

NYC DEPARTMENT OF EDUCATION

Student Academic Support Services in the Area of Mathematics, \$239,750

PORT CHESTER-RYE UFSD

Professional development, \$2,300

RENAISSANCE CHARTER SCHOOL

Summer Programs for Renaissance Charter School, \$18,200

ROBERT BROWNE FOUNDATION

Reading, Writing, and Learning: Supporting Literacy in After-School Programs, \$48,000

Youth Education Scholars/Program for Professional Writing, \$55,000

WOLFE, MARCIE/CAMPOS, ANNE — LEHMAN COLLEGE

AMBER CHARTER SCHOOL

Professional Development in Mathematics, \$14,170

J.P. MORGAN FOUNDATION

Competitive Grant 2003: Precollegiate Education, \$15,000

NATIONAL WRITING PROJECT

National Writing Project: High School Projects and Programs at Designated Sites, \$52,000

NYC DEPARTMENT OF EDUCATION

Literacy Instruction and Professional Development Services for Region 10 Even Start Program, \$223,922

Student Academic Support Services in the Areas of Reading and Mathematics, \$38,000

VARIOUS PRIVATE SOURCES

Institute for Literary Studies/New York City Writing Project: Meetings and Newsletter Fees, \$15,144

WOLFE, MARCIE/WASSERMAN, PAUL — LEHMAN COLLEGE

NYS DEPARTMENT OF LABOR

Education for Gainful Employment (EDGE X1) Program, \$143,480

WOLLMAN, HENRY — BARUCH COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)

Newman Institute, \$83,929

WRIGLEY, JULIA — GRADUATE SCHOOL

COLLEGE FUND (CUNY MISCELLANEOUS)

Children's Care Giver, \$23,940

WURMFELD, SANFORD—HUNTER COLLEGE

VARIOUS PRIVATE SOURCES

Art Seminar, \$8,737

ZEVIN, JACK/KRASNER, MICHAEL — QUEENS COLLEGE

TAFT INSTITUTE

Civic Education Program, \$24,230

ZHENG, YAN — QUEENS COLLEGE

COLUMBIA UNIVERSITY

Arsenic Mobilization in Bangladesh Groundwater, \$60,868

Collaborative Research: A High-Resolution Record of Productivity and/or Ventilation of the Northeastern Pacific from Soledad Basin, Baja California, \$41,873

NATIONAL SCIENCE FOUNDATION

Collaborative Research: Vertical Control of Groundwater Arsenic Concentrations, \$60,686

ZHOU, SHUIQIN — COLLEGE OF STATEN ISLAND

NATIONAL SCIENCE FOUNDATION

Control of the Supramolecular Assembly Behavior of Fullernace-Based Surfactants, \$412,651

ZHU, ZHIGANG — CITY COLLEGE

U.S. AIR FORCE

Integration of Laser Vibrometry with Infrared Video for Multimedia Surveillance Displays, \$94,076

ZINNANTI, LEONARD — HUNTER COLLEGE

NYC CITY COUNCIL

Consultant Services, \$22,780

ZINNANTI, LEONARD/NEILL, SHARON — HUNTER COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)

Kaye Playhouse, \$239,288

ZOE, LUCINDA/MOLINA, CARLOS—HOSTOS C.C.

NYS EDUCATION DEPARTMENT

Library Collection Aid, \$7,534

Y

YAMROM, BORIS — LEHMAN COLLEGE

RESEARCH FOUNDATION/SUNY

High Quality Interactive Questioning Answering, \$21,228

YANG, NAN-LOH — COLLEGE OF STATEN ISLAND

NATIONAL SCIENCE FOUNDATION

NER: Nanofabricated Photosensitive Polymers for Controlled Cell Manipulation 2D and 3D, \$100,000

YANG, NAN-LOH/DISENHOUSE, MASADA — COLLEGE OF STATEN ISLAND

HOECHST CELANESE COMPANY

Cooperative Research Program to Explore the Cationic Copolymerization of Trioxane, \$31,808

YAU, SIU-TUNG—HUNTER COLLEGE

U.S. NAVY

Nanofabrication Techniques, \$7,600

YEH, MING-CHIN — HUNTER COLLEGE

GRIFFIN HOSPITAL

Fruit & Veggie, \$5,000

Z

ZAGORIA, DONALD—HUNTER COLLEGE

NATIONAL COMMITTEE ON AMERICAN FOREIGN POLICY

U. S - China - Taiwan Relations, \$2,970

ZAKERI, ZAHRA — QUEENS COLLEGE

COLLEGE FUND (CUNY MISCELLANEOUS)

Cell Death Society, \$10,998

NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCE (NIGMS)

MARC Undergraduate Student Training in Academic Research, \$244,377

ZEIGLER, HARRIS — HUNTER COLLEGE

NIH-NATIONAL INSTITUTE OF NEUROLOGICAL DISORDERS AND STROKE (NINDS)

V Ganglion Activity in Awake Whisking Rodents, \$277,833

Whisking: Development of an "Active Touch" System, \$300,000

ZEITLIN, ARTHUR — KINGSBOROUGH C. C.

NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCE (NIGMS)

Bridge to the Baccalaureate: The Brooklyn Bridge, \$188,226



345 Park Avenue
New York, NY 10154

Independent Auditors' Report

The Board of Directors
Research Foundation of The City University of New York:

We have audited the accompanying balance sheets of Research Foundation of The City University of New York (the Foundation) as of June 30, 2004 and 2003, and the related statements of activities and cash flows for the years then ended. These financial statements are the responsibility of the Foundation's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of Research Foundation of The City University of New York as of June 30, 2004 and 2003, and the changes in its net assets and its cash flows for the years then ended in conformity with accounting principles generally accepted in the United States of America.

KPMG LLP

November 24, 2004



KPMG LLP, KPMG LLP, a U.S. limited liability partnership, is a member of KPMG International, a Swiss association.

Balance Sheet

June 30, 2004 and 2003

| | <u>2004</u> | <u>2003</u> |
|--|-----------------------|--------------------|
| Assets | | |
| Cash and cash equivalents | \$ 75,812,926 | 29,883,073 |
| Grants, contracts, and accounts receivable (net of allowance of \$2,600,000 in 2004 and 2003) | 38,432,253 | 44,086,123 |
| Prepaid expenses and other assets | 335,447 | 666,879 |
| Investments, at fair value (note 3) | 35,016,397 | 69,514,043 |
| Building deposit and deferred charges (note 11) | 6,220,230 | — |
| Fixed assets: | | |
| Furniture, fixtures, and equipment (net of accumulated depreciation of \$543,331 in 2004 and \$321,546 in 2003) | 746,333 | 847,927 |
| Leasehold improvements (net of accumulated amortization of \$133,545 in 2004 and \$72,266 in 2003) | 479,247 | 491,128 |
| Total assets | <u>\$ 157,042,833</u> | <u>145,489,173</u> |
| Liabilities and Net Assets (Deficit) | | |
| Accounts payable and accrued expenses | \$ 30,106,884 | 25,582,254 |
| Deferred revenue (note 5) | 54,383,421 | 59,772,649 |
| Grants payable to CUNY | 3,461,625 | 3,201,234 |
| Postretirement benefits payable (note 4) | 18,755,254 | 19,201,192 |
| Deposits held in custody for CUNY colleges | 42,456,859 | 34,188,392 |
| Deposits held in custody for others (note 9) | 2,051,508 | 2,775,352 |
| Total liabilities | <u>151,215,551</u> | <u>144,721,073</u> |
| Net assets: | | |
| Unrestricted – board designated: | | |
| Postretirement benefits | (18,755,254) | (19,201,192) |
| Other | 24,582,536 | 19,969,292 |
| Total net assets | <u>5,827,282</u> | <u>768,100</u> |
| Total liabilities and net assets | <u>\$ 157,042,833</u> | <u>145,489,173</u> |

See accompanying notes to financial statements.

Statements of Activities

Years ended June 30, 2004 and 2003

| | <u>2004</u> | <u>2003</u> |
|---|----------------------|----------------------|
| Grants and contracts administered for others: | | |
| Revenue: | | |
| Governmental | \$ 225,469,318 | 189,638,038 |
| Private | 76,025,324 | 97,163,216 |
| Total grants and contracts revenue | <u>301,494,642</u> | <u>286,801,254</u> |
| Expenses: | | |
| Research | (91,231,924) | (77,274,393) |
| Training | (114,226,175) | (113,031,044) |
| Academic development | (72,068,187) | (71,999,818) |
| Student services | (16,884,866) | (17,232,994) |
| Other | (7,083,490) | (7,263,005) |
| Total grants and contracts expenses | <u>(301,494,642)</u> | <u>(286,801,254)</u> |
| Administrative services: | | |
| Revenue: | | |
| Administrative fees | 22,242,499 | 21,437,964 |
| Investment return (note 3) | 1,229,643 | 1,064,184 |
| Other | 15,005 | 10,801 |
| Total administrative revenue | <u>23,487,147</u> | <u>22,512,949</u> |
| Expenses: | | |
| Management and general | (14,349,457) | (13,744,609) |
| Postretirement credit (note 4) | 445,938 | 1,201,002 |
| Grants to CUNY for central research initiatives (note 10) | (3,500,000) | (5,993,966) |
| Investment return allocated to individual colleges | (1,024,446) | (1,108,530) |
| Total administrative expenses | <u>(18,427,965)</u> | <u>(19,646,103)</u> |
| Excess of revenue over expenses | 5,059,182 | 2,866,846 |
| Insurance recoveries and FEMA aid related to | | |
| September 11, 2001 (note 8) | — | 1,480,380 |
| Increase in net assets | <u>5,059,182</u> | <u>4,347,226</u> |
| Net assets (deficit) at beginning of year | 768,100 | (3,579,126) |
| Net assets at end of year | <u>\$ 5,827,282</u> | <u>768,100</u> |

See accompanying notes to financial statements.

Statements of Cash Flows

Years ended June 30, 2004 and 2003

| | <u>2004</u> | <u>2003</u> |
|---|----------------------|---------------------|
| Cash flows from operating activities: | | |
| Increase in net assets | \$ 5,059,182 | 4,347,226 |
| Adjustments to reconcile increase in net assets to net cash provided by operating activities: | | |
| Depreciation and amortization | 283,064 | 260,097 |
| Net depreciation in fair value of investments | 108,223 | 54,346 |
| Changes in assets and liabilities: | | |
| Decrease in insurance recovery receivable | — | 2,506,170 |
| Decrease in grants, contracts, and accounts receivable | 5,653,870 | 1,657,660 |
| Decrease in prepaid expenses and other assets | 331,432 | 408,309 |
| Increase (decrease) in accounts payable and accrued expenses | 4,524,630 | (287,997) |
| (Decrease) increase in deferred revenue | (5,389,228) | 7,313,503 |
| Increase in grants payable to CUNY | 260,391 | 3,201,234 |
| Decrease in postretirement benefits payable | (445,938) | (1,201,002) |
| Increase in deposits held in custody for CUNY colleges | 8,268,467 | 7,891,548 |
| (Decrease) increase in deposits held in custody for others | (723,844) | 2,775,352 |
| Net cash provided by operating activities | <u>17,930,249</u> | <u>28,926,446</u> |
| Cash flows from investing activities: | | |
| Purchases of fixed assets | (169,589) | (871,308) |
| Building deposit and deferred charges | (3,434,230) | — |
| Purchases of investments | (109,165,030) | (149,150,456) |
| Sales and maturity of investments | <u>143,554,453</u> | <u>111,671,033</u> |
| Net cash provided by (used in) investing activities | <u>30,785,604</u> | <u>(38,350,731)</u> |
| Cash flows from financing activities: | | |
| Rate lock fee paid (included in building deposit and deferred charges) | (2,786,000) | — |
| Net increase (decrease) in cash and cash equivalents | 45,929,853 | (9,424,285) |
| Cash and cash equivalents at beginning of year | <u>29,883,073</u> | <u>39,307,358</u> |
| Cash and cash equivalents at end of year | <u>\$ 75,812,926</u> | <u>29,883,073</u> |

See accompanying notes to financial statements.

Notes to Financial Statements

1. ORGANIZATION

The Research Foundation of The City University of New York (the Foundation) was chartered in 1963 to provide post-award administration of sponsored programs for The City University of New York (the University or CUNY) and other not-for-profit organizations. The Foundation is a separate legal entity and is exempt from Federal income taxes under the provisions of Section 501(c)(3) of the Internal Revenue Code.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

a. Basis of Presentation

The Foundation's financial statements are prepared on the accrual basis of accounting in accordance with standards established by the Financial Accounting Standards Board (FASB) for external financial reporting by not-for-profit organizations. The financial statements focus on the Foundation as a whole and present balances and transactions according to the existence or absence of donor-imposed restrictions. Accordingly, net assets of the Foundation and changes therein are classified and reported as follows:

Unrestricted net assets – Net assets that are not subject to donor-imposed restrictions. In addition, grants and contracts for the performance of certain services or functions are reported in the unrestricted net asset category.

Temporarily restricted net assets – Net assets subject to donor-imposed restrictions that will be met either by actions of the Foundation or the passage of time. The Foundation had no temporarily restricted net assets at June 30, 2004 and 2003.

Permanently restricted net assets – Net assets subject to donor-imposed restrictions stipulating that funds be maintained permanently by the Foundation, but permit the Foundation to expend part or all of the income derived therefrom. The Foundation had no permanently restricted net assets at June 30, 2004 and 2003.

Revenues and gains and losses on investments and other assets are reported as changes in unrestricted net assets unless limited by explicit donor-imposed restrictions or by law. Expenses are reported as decreases in unrestricted net assets.

b. Grants and Contracts

Revenue from grants and contracts, awarded to and accepted by the Foundation and various units of the University, as joint grantees, primarily for research, training, and academic development programs, is recognized as earned, that is, as the related costs are incurred under the grant or contract agreements.

Facilities and administrative costs recovered on grants and contracts are recorded at rates established by the Foundation with its Federal cognizant agency, or predetermined by the non-Federal sponsor. Facilities and administrative cost rates for government grants and contracts are subject to audit, and subsequent final settlements, if any, are recorded as current period adjustments. Management believes the impact of any future settlements to be immaterial to the financial statements.

c. Use of Estimates

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosures of contingencies at the date of the financial statements and the reported amounts of revenue and expenses during the reporting period. Actual results could differ from those estimates.

d. Cash Equivalents

Highly liquid debt instruments with maturities at date of purchase of three months or less are classified as cash equivalents, except for those short-term investments that are managed by an external investment manager for long-term investment purposes.

Notes to Financial Statements

e. Investments

Investments are reported at fair value based upon quoted market prices. Realized and unrealized gains and losses on investments are reflected in the accompanying statements of activities.

f. Fixed Assets

Furniture, fixtures, and equipment and leasehold improvements are stated at cost. Depreciation of furniture, fixtures, and equipment is computed on a straight-line basis over the estimated useful lives of the assets, ranging from five to seven years. Amortization of leasehold improvements is computed on a straight-line basis over the estimated useful lives of the assets, not to exceed the remaining life of the lease.

Equipment purchased by the Foundation on behalf of various units of the University from grant and contract funds is to be used in the project for which it was purchased and is not included in the Foundation's fixed assets on the accompanying balance sheets.

g. Deposits Held in Custody for CUNY Colleges

Deposits held in custody for CUNY Colleges reflect those resources held on behalf of the individual colleges of the University. These deposits are credited with facilities and administrative cost recoveries and released time recoveries for the respective colleges.

Released time recoveries represent personal service costs for individuals on the various colleges' payrolls who report effort under grants or contracts. When colleges replace an individual providing time and effort to sponsored projects, the Foundation processes payroll for these individuals, whose personal service costs are reflected as deductions of deposits held in custody for others.

Facilities and administrative costs are considered recoveries of the specific colleges and, accordingly, are credited to deposits held in custody for CUNY Colleges.

h. Reclassifications

Certain 2003 amounts have been reclassified to conform to the 2004 presentation.

3. INVESTMENTS

Investments held by the Foundation consist of the following at June 30, 2004 and 2003:

| | 2004 | | 2003 | |
|------------------------------------|---------------|------------|------------|------------|
| | Fair value | Cost | Fair value | Cost |
| U.S. Money Market | \$ 3,616,057 | 3,616,057 | 8,974,707 | 8,974,707 |
| U.S. Treasury bills | 16,455,690 | 16,416,596 | 26,445,486 | 26,361,195 |
| U.S. Government agency obligations | 14,944,650 | 14,914,609 | 34,093,850 | 34,000,783 |
| Total | \$ 35,016,397 | 34,947,262 | 69,514,043 | 69,336,685 |

Components of investment return are as follows for the years ended June 30:

| | 2004 | 2003 |
|---|--------------|-----------|
| Interest | \$ 1,337,866 | 1,118,530 |
| Net depreciation in fair value of investments | (108,223) | (54,346) |
| Total | \$ 1,229,643 | 1,064,184 |

Notes to Financial Statements

4. PENSION AND OTHER RETIREMENT BENEFITS

Eligible employees of the Foundation and certain project personnel are covered under a defined contribution pension plan established with Teachers Insurance and Annuity Association (TIAA). The Foundation's contribution to the pension plan is based on specified percentages, ranging from 8% to 14%, of each employee's annual salary. Total pension expense for the years ended June 30, 2004 and 2003 was approximately \$7,114,000 and \$7,042,000, respectively. There are no unfunded past service costs.

In addition to providing pension benefits, the Foundation provides certain healthcare benefits to retired employees (including eligible dependents) who have a combination of age and years of service equal to 70 with a minimum age of 55 and at least ten years of continuous service.

The Foundation accounts for postretirement medical and other non-pension benefits provided to retirees on an accrual basis during the period of their employment.

The Foundation charges grants and contracts, as well as the administrative services department for postretirement benefit costs through the application of a fringe benefit rate, an element of which is based upon the estimated amount of such costs. In addition, a charge or credit is recognized in administrative services expenses for the difference between the actuarially determined net periodic postretirement benefit cost and the amount funded (claims paid and contributions to the trust).

The following table sets forth the plan's funded status reconciled with the amounts shown in the Foundation's balance sheets as of June 30, 2004 and 2003:

| | <u>2004</u> | <u>2003</u> |
|------------------------------------|------------------------|---------------------|
| Benefit obligation | \$ (48,187,314) | (43,800,138) |
| Fair value of plan assets | 16,685,848 | 11,494,788 |
| Funded status as of June 30 | <u>(31,501,466)</u> | <u>(32,305,350)</u> |
| Unrecognized transition obligation | 10,452,289 | 11,209,702 |
| Unrecognized net loss | 10,337,812 | 10,717,386 |
| Unrecognized prior service credit | (8,043,889) | (8,822,930) |
| Accrued liability | <u>\$ (18,755,254)</u> | <u>(19,201,192)</u> |

Postretirement benefit costs for 2004 and 2003 included the following components:

| | <u>2004</u> | <u>2003</u> |
|---|---------------------|------------------|
| Service cost | \$ 3,386,958 | 2,052,052 |
| Interest cost | 2,677,793 | 2,395,450 |
| Amortization of transition obligation over 22.8 years | 757,413 | 757,413 |
| Amortization of prior service credit | (779,041) | (779,041) |
| Amortization of unrecognized net loss | 350,450 | 164,622 |
| Expected return on plan assets | (764,213) | (390,062) |
| Net periodic postretirement benefit cost | <u>\$ 5,629,360</u> | <u>4,200,434</u> |

Notes to Financial Statements

The weighted average assumptions used in determining the accumulated postretirement benefit obligation as of June 30, were as follows:

| | <u>2004</u> | <u>2003</u> |
|---------------------------|-------------|-------------|
| Discount rate | 6.25% | 6.00% |
| Expected return on assets | 5.50 | 5.50 |

The weighted average assumption used in determining the net periodic postretirement benefit cost for the year ended June 30, 2004 and 2003 were as follows:

| | <u>2004</u> | <u>2003</u> |
|---------------------------|-------------|-------------|
| Discount rate | 6.00% | 7.00% |
| Expected return on assets | 5.50 | 5.50 |

For measurement purposes, healthcare costs other than Medicare Part B were assumed to increase 8.0% and 8.5% for the years 2004 and 2003, respectively, and to decrease 0.5% per year until 2010 and remain at 5% thereafter. Medicare Part B costs were assumed to increase 4% annually.

The postretirement plan's weighted-average asset allocations at June 30, 2004 and 2003 by asset category are as follows:

| | <u>2004</u> | <u>2003</u> |
|-------------------|---------------|---------------|
| Equity securities | 25.6% | 15.2% |
| Debt securities | 68.0 | 74.6 |
| Money market | 6.4 | 10.2 |
| | <u>100.0%</u> | <u>100.0%</u> |

For the years ended June 30, 2004 and 2003, the Foundation made contributions to the plan of \$4,800,000 and \$4,200,000, respectively. In addition, for the years ended June 30, 2004 and 2003, the Foundation paid claims of approximately \$1,275,000 and \$1,201,000, respectively. The Foundation expects to contribute or pay claims aggregating \$6,200,000 in fiscal 2005.

The following benefit payments, which reflect expected future service, as appropriate, are expected to be paid:

| | <u>Pension benefits</u> |
|-----------------|-------------------------|
| 2005 | \$ 1,348,697 |
| 2006 | 1,476,889 |
| 2007 | 1,641,106 |
| 2008 | 1,834,518 |
| 2009 | 2,015,670 |
| Years 2010–2014 | 14,553,322 |

In December 2003, the Medicare Prescription Drug, Improvement, and Modernization Act of 2003 (the Act) became law. The Foundation has elected to defer the effects of the Act; therefore, the measures of accumulated postretirement benefit obligation and net periodic postretirement benefit cost do not reflect the effects of the Act. Specific authoritative guidance could require the Foundation to change previously reported information.

Notes to Financial Statements

The Foundation also provides postemployment benefits, including salary continuance, to certain employees. The cost of these benefits is provided over the employees' years of service. Postemployment benefits liability included in accounts payable and accrued expenses was approximately \$673,000 in 2004 and \$568,000 in 2003.

5. DEFERRED REVENUE

At June 30, 2004 and 2003, cash advances for grants and contracts are for the following projects:

| | <u>2004</u> | <u>2003</u> |
|----------------------|----------------------|-------------------|
| Research | \$ 10,363,653 | 8,169,571 |
| Training | 14,814,037 | 18,574,180 |
| Academic development | 18,458,526 | 19,086,818 |
| Student services | 6,243,691 | 5,937,061 |
| Other | 4,503,514 | 8,005,019 |
| | <u>\$ 54,383,421</u> | <u>59,772,649</u> |

6. COMMITMENTS

The Foundation is obligated under noncancelable operating leases for office space. Future minimum lease payments are as follows:

| | <u>Amount</u> |
|----------------------|----------------------|
| Year ending June 30: | |
| 2005 | \$ 1,745,551 |
| 2006 | 1,779,485 |
| 2007 | 1,814,542 |
| 2008 | 1,850,769 |
| 2009 | 1,888,209 |
| Thereafter | 3,893,825 |
| | <u>\$ 12,972,381</u> |

Rent expense for the years ended June 30, 2004 and 2003 was \$1,613,635 and \$1,331,214, respectively.

7. FAIR VALUE OF FINANCIAL INSTRUMENTS

The carrying amounts of cash equivalents, grants, contracts and accounts receivable, accounts payable and accrued expenses, and deposits held in custody for CUNY Colleges and others approximate fair value due to the short maturity of these financial instruments.

8. EVENTS OF SEPTEMBER 11, 2001

The events of September 11, 2001 resulted in operational disruptions and facilities damage, causing the Foundation to relocate its operations. During 2003, the Foundation recorded insurance recoveries of \$966,880. In addition, the Foundation received FEMA aid in the amount of \$513,500 during 2003.

9. DEPOSITS HELD IN CUSTODY FOR OTHERS

During fiscal 2003, the Foundation entered into a fee-for-service agreement with the September 11 Fund to administer payments to designated service providers and training providers for employment assistance services, as well as to make support payments to eligible individuals who lost their jobs and/or experienced a substantial reduction in earnings as a result of the September 11, 2001 terrorist attack. During 2004 and 2003, total funds administered by the Foundation on behalf of the September 11 Fund amounted to approximately \$43 million and \$28 million, respectively. These funds are agency in nature and, accordingly, are excluded from the accompanying statements of activities for the years ended June 30,

Notes to Financial Statements

2004 and 2003. Cash received from the September 11 Fund that has not been disbursed by year end amounted to \$2,051,508 and \$2,775,352 at June 30, 2004 and 2003, respectively.

10. GRANTS TO CUNY FOR CENTRAL RESEARCH INITIATIVES

During fiscal 2003, the Foundation approved two grants to CUNY for central research initiatives totaling \$5,993,966. One of these grants in the amount of \$2,961,966 represented the central allocation budget net asset balance as of July 30, 2002. During fiscal 2004, the Foundation approved a grant to CUNY for central research initiatives totaling \$3,500,000.

11. SUBSEQUENT EVENT-DEBT FINANCED BUILDING ACQUISITION

The Foundation entered into a Purchase and Sale Agreement on July 14, 2004 for the acquisition of a 20-story commercial and retail building known as 230 West 41st Street for approximately \$60 million. In connection with this transaction, a limited liability company, 230 West 41st Street LLC (the LLC), was created for the sole purpose of being the corporate owner of this building. The LLC is a single-member entity solely owned by the Foundation. The purchase was financed with a ten-year mortgage note of \$62 million, bearing interest at a rate of 6.19% per annum, and cash of \$1.8 million. Prior to June 30, 2004, the Foundation, on behalf of the LLC, made a down payment for the acquisition of the building in the amount of \$3,049,500, paid a rate lock fee of \$2,786,000, and incurred other charges of \$384,730 in connection with financing the acquisition. Such amounts are reported in building deposit and deferred charges in the accompanying balance sheet as of June 30, 2004.

The 152,545 square feet of vacant space within the building (300,000 square feet in total) will be used as permanent headquarters for the Foundation and to house CUNY offices and programs, including the future School of Journalism. CUNY entered into a 13-year master lease with the Foundation for the full 152,545 square feet of vacant space at a cost of \$33 per square foot with 2.5% increases effective annually. The Foundation will sublet 66,867 square feet back from CUNY at the same rate.

Research Foundation Supplemental Financial Statements
 (Not part of the independent audited financial statements)

Grants and Contracts Expenses by Funding Source
 Years ended June 30, 2004 and 2003

| | <u>2004</u> | <u>2003</u> |
|---|-----------------------|--------------------|
| Governmental grants and contracts: | | |
| National Science Foundation | \$ 17,696,365 | 15,646,198 |
| Department of Health and Human Services | 42,127,026 | 39,331,647 |
| Department of Education | 26,039,175 | 26,725,061 |
| Other Federal sponsors | 17,704,929 | 13,209,992 |
| State sponsors | 40,053,756 | 38,357,680 |
| Municipal sponsors | 81,848,068 | 56,367,460 |
| Total governmental grants and contracts | <u>225,469,318</u> | <u>189,638,038</u> |
| Private grants and contracts: | | |
| Corporations | 3,841,410 | 3,333,672 |
| Foundations | 10,175,629 | 10,806,285 |
| Other private | 37,550,504 | 61,645,210 |
| Total private grants and contracts | 51,567,542 | 75,785,167 |
| CUNY grants and contracts | | |
| PSC-CUNY research award program | 3,156,075 | 3,067,230 |
| CUNY miscellaneous | 21,301,707 | 18,310,819 |
| Total CUNY grants and contracts | <u>24,457,782</u> | <u>21,378,049</u> |
| Total grants and contracts | <u>\$ 301,494,642</u> | <u>286,801,254</u> |

Budget Categories of Grants and Contracts Expenses

Years ended June 30, 2004 and 2003

| | <u>2004</u> | <u>2003</u> |
|--|-----------------------|--------------------|
| Personal services: | | |
| Salaries and wages | \$ 136,911,529 | 127,740,806 |
| Staff benefits | 35,248,652 | 32,191,594 |
| Total personal services | <u>172,160,181</u> | <u>159,932,400</u> |
| Other than personal services: | | |
| Supplies | 11,819,770 | 12,484,064 |
| Telephone and communications | 255,396 | 240,101 |
| Postage and shipping | 594,715 | 514,678 |
| Occupancy | 3,195,275 | 1,885,410 |
| Printing and publications | 505,972 | 593,383 |
| Travel | 4,447,640 | 3,697,104 |
| Conferences and meetings | 1,615,656 | 1,241,268 |
| Independent contractors | 4,438,394 | 4,570,128 |
| Equipment and furniture | 6,634,550 | 8,198,077 |
| Equipment rental and maintenance | 1,163,534 | 1,144,258 |
| Scholarships, fellowships, and training allowance | 40,947,755 | 44,458,211 |
| Cultural activities & special events | 59,414 | 48,666 |
| Professional fees | 33,864 | 3,589 |
| Subcontracts | 15,416,960 | 12,330,912 |
| Child Care subsidies | 1,112,831 | 1,824,682 |
| Advertising | 104,875 | 149,677 |
| Administrative fees | 3,095,226 | 2,294,465 |
| Other | 2,091,665 | 1,741,116 |
| Subtotal | <u>97,533,493</u> | <u>97,419,789</u> |
| Facilities and administrative costs reimbursements | <u>31,800,968</u> | <u>29,449,065</u> |
| Total other than personal services | <u>129,334,461</u> | <u>126,868,854</u> |
| Total grants and contracts expenses | <u>\$ 301,494,642</u> | <u>286,801,254</u> |

Schedule of Operating Income

Years ended June 30, 2004 and 2003

| | <u>2004</u> | <u>2003</u> |
|--|-----------------------|---------------------|
| Revenues collected from: | | |
| Administrative fees: | | |
| Administrative fees - fixed rate | \$ 18,595,439 | 20,053,184 |
| Accrual of administrative fee revenue | 1,327,871 | (70,241) |
| PSC-CUNY | 330,899 | 343,137 |
| Direct fees | 1,081,230 | 531,885 |
| September 11 administrative fee revenue | 907,060 | 580,000 |
| Total administrative fees | <u>22,242,499</u> | <u>21,437,964</u> |
| Interest income | 1,337,866 | 1,118,530 |
| Net (depreciation) appreciation in fair value of investments | (108,223) | (54,346) |
| Insurance recoveries and Federal Emergency Mgmt. Agency (FEMA) aid | — | 1,489,380 |
| Miscellaneous Income | 15,005 | 10,801 |
| Total income | <u>23,487,147</u> | <u>24,002,329</u> |
| Revenues allocated to: | | |
| Initial allocations: | | |
| RFCO expenses | (12,632,412) | (11,570,149) |
| Central allocation budget reserve | (3,500,000) | (3,022,000) |
| September 11 Fund expense | (617,038) | (406,400) |
| Contingency fund reserve | (100,000) | (100,000) |
| Employee termination reserve | (100,000) | (85,000) |
| Legal reserve | (500,000) | (200,000) |
| Foundation working capital reserve | (600,000) | (500,000) |
| Support for University-wide sponsored program insurance | (664,456) | (415,000) |
| Workflow and new systems implementation reserve | (87,500) | (87,500) |
| Reserve for hr/payroll application placement | (125,000) | (125,000) |
| Off-site recovery reserve | (100,000) | (100,000) |
| Plant fund | (71,250) | (71,250) |
| RF Administrative fees reserve | — | (250,000) |
| E-Commerce Incentive Rebate - 1/4% | — | (100,000) |
| Administrative reserve for post retirement trust fund | — | (100,000) |
| Interest distributed to colleges | (1,024,446) | (1,108,531) |
| Interest distributed to RFCUNY | (313,420) | (10,000) |
| (Gain) loss on investments | 108,223 | 54,346 |
| RFCO internal funds | (14,092) | (10,619) |
| Mid-year allocations: | | |
| 230 West 41st Street LLC | (8,205,601) | — |
| University-wide insurance – FY04 | (52,878) | (136,990) |
| Reserve for capital improvements | — | (791,499) |
| Reserve for physical plant | — | (975,880) |
| Faculty Senate | 10,000 | (10,000) |
| Total deductions to administrative fee reserve | <u>(28,589,871)</u> | <u>(20,121,471)</u> |
| Decrease to administrative fee reserve | (5,102,723) | 3,880,858 |
| Administrative fee reserve at beginning of year | 3,751,871 | (128,986) |
| Administrative fee reserve at end of year | <u>\$ (1,350,852)</u> | <u>3,751,871</u> |

Reconciliation of Administration Fee Expenditures

Years ended June 30, 2004 and 2003

| | <u>2004</u> | <u>2003</u> |
|--|--------------------|--------------------|
| Total RFCO expenditures from operating budget | \$ 12,632,412 | 11,570,149 |
| Less income used to offset expenditures: | | |
| PSC-CUNY administrative fees | (330,899) | (343,137) |
| Direct fees from non-CUNY clients | (1,081,230) | (531,885) |
| Other Income | (913) | (182) |
| Federal Emergency Mgmt. Agency (FEMA) | — | (513,500) |
| September 11 administrative fees | (290,022) | (173,600) |
| | <u>(1,703,064)</u> | <u>(1,562,304)</u> |
| | <u>10,929,348</u> | <u>10,007,845</u> |
| | | |
| Total RF central office expenditures funded from administrative fees plus reserve fund allocations: | | |
| Central allocation budget reserve | 3,490,000 | 3,022,000 |
| University-wide insurance | 664,456 | 415,000 |
| Contingency fund reserve | 100,000 | 100,000 |
| Employee termination reserve | 100,000 | 85,000 |
| Foundation working capital reserve | 600,000 | 500,000 |
| Legal reserve | 500,000 | 200,000 |
| Plant fund | 71,250 | 71,250 |
| Workflow and new systems implementation reserve | 87,500 | 87,500 |
| Reserve for hr/payroll application placement | 125,000 | 125,000 |
| Off-site recovery reserve | 100,000 | 100,000 |
| RF Administrative fees reserve - board designated | — | 250,000 |
| E-Commerce Incentive Rebate - 1/4% | — | 100,000 |
| Support for Post Employment Insurance | — | 100,000 |
| | <u>5,838,206</u> | <u>5,155,750</u> |
| | | |
| Computed amount of administrative fee expenditures | 16,767,554 | 15,163,595 |
| | | |
| Amount reported as administrative fee expenditure | <u>16,767,554</u> | <u>15,163,595</u> |
| | | |
| Variance | <u>\$ (0)</u> | <u>(0)</u> |

Schedule of Changes in Deposits Held in Custody for CUNY Colleges
 Years ended June 30, 2004 and 2003

| | <u>2004</u> | <u>2003</u> |
|--|----------------------|-------------------|
| Additions: | | |
| Facilities and administrative cost recoveries: | | |
| From sponsored programs | \$ 31,800,968 | 29,449,065 |
| From internal programs (college directed fees) | 1,772,552 | 1,432,065 |
| Released time recoveries | 11,763,574 | 11,283,571 |
| Summer salary recoveries | 10,071,367 | 2,833,701 |
| Total | <u>55,408,461</u> | <u>44,998,402</u> |
| Transfers from unrestricted net assets: | | |
| Intercampus collaborations | — | 496,634 |
| Transfer from unrestricted fund | 81,434 | — |
| Other income | 480,394 | 432,594 |
| E-Services Rebate Incentive | — | 95,000 |
| Total | <u>561,828</u> | <u>1,024,228</u> |
| Interest income | 1,034,446 | 1,108,531 |
| Total additions | <u>57,004,735</u> | <u>47,131,161</u> |
| Deductions: | | |
| Administrative fee paid to RFCUNY | 18,595,439 | 20,053,184 |
| Campus-based expenses: | | |
| Instructional | 329,783 | 828,650 |
| Research projects | 2,655,001 | 3,571,276 |
| Academic support | 10,366,457 | 5,092,717 |
| Student Services | 187,832 | 973,249 |
| Institutional Management | 4,609,538 | 9,149,555 |
| Business and Finance | 790,638 | 246,762 |
| Physical Plant | 847,050 | 174,167 |
| Public Services | 307,259 | 67,882 |
| Replacement cost | 1,174,203 | 1,538,399 |
| Summer Salary Reimbursement to Colleges | 7,830,020 | — |
| Advance/(Return) to colleges | 1,043,047 | (856,228) |
| Bad debt (recovery) expense | — | (1,600,000) |
| Total deductions | <u>48,736,268</u> | <u>39,239,613</u> |
| Net (decrease) increase for the year | 8,268,467 | 7,891,548 |
| Deposits held in custody for others: | | |
| Beginning of year | <u>34,188,392</u> | <u>26,296,844</u> |
| End of year | <u>\$ 42,456,859</u> | <u>34,188,392</u> |

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