

Job Title	Postdoctoral Fellow
PVN ID	QC-2009-003706
Category	Research
Location	QUEENS COLLEGE
Department	Physics
Status	Full Time
Salary	Depends on qualifications
Hour(s) a Week	35
Closing Date	Mar 31, 2021 (Or Until Filled)

General Description

A postdoctoral position is open in the group of Azriel Genack of the Department of Physics at Queens College of the City University of New York (CUNY) and The CUNY Graduate Center, <https://physics.qc.cuny.edu/people/faculty/agenack>. The research will explore fundamental and applied aspects of wave propagation through complex systems for ultrasensitive detection of structural change and medical imaging. The research activity will involve some of the following: microwave and optical measurements, computer simulations, and theoretical methods such as random matrix theory. The precise mix will depend upon the skills and interests of the postdoctoral fellow and the needs of the project. The work is likely to involve collaboration with other researchers at Queens College, other branches of CUNY, including the Photonics and Nanoscience Initiatives of the CUNY Advanced Science Research Center, and researchers in the US and abroad. The research position involves writing up research for publication and presenting the work at national and international conferences. This work is funded by an award from the National Science Foundation.

Compensation: Annual salary depends on qualifications plus health insurance through the CUNY Research Foundation. Reasonable relocation expenses will be paid.

Timeframe for applications: There is no application deadline but an offer will be made as soon as a qualified candidate is identified.

Other Duties

The position involves interactions with students and faculty.

Qualifications

We are seeking a motivated and curious researcher who has received his/her Ph.D. degree in physics with a background that overlaps the skills needed for this position. Candidates should have an outstanding record of scientific achievement, publications and presentations. They should be skilled in programming and have a good command of written and oral communication in English.