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<b>Job Title</b>	Senior Research Associate
<b>PVN ID</b>	CC-2407-006371
<b>Category</b>	Research
<b>Location</b>	The CITY COLLEGE of NEW YORK
<b>Department</b>	CUNY Building Performance Lab
<b>Status</b>	Full Time
<b>Annual Salary</b>	\$90,000.00 - \$110,000.00
<b>Hour(s) a Week</b>	35
<b>Closing Date</b>	Jan 22, 2025 (Or Until Filled)

## General Description

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Lead applied research projects in Technical Services team; Undertake various measurement & verification (M&V) efforts for the Department of Citywide Administrative Services (DCAS) Division of Energy Management (DEM), including prediction/quantification of energy savings & GHG emissions associated with projects implemented across DEM programs & partner agencies; Develop measurement guidance documents/training materials, provide tools/technical assistance to agency personnel for project planning, take project measurements & perform in-depth energy/building systems analyses; Develop standardized M&V protocols/procedures for Energy Conservation Measures (ECMs) & Sequences of Operation (SOOs) related to Building Automation Systems (BAS); Develop coaching on M&V concepts/measurement techniques & conduct coaching sessions with specific agencies to address their unique building needs; Develop/implement various regression & forward modeling techniques for extrapolating short-term measurements into annual estimates of energy consumption; Conduct measurements/analyses to develop M&V findings for selected projects; Identify/document recommendations for improving program performance.

## Other Duties

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## Qualifications

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Master's degree in Energy/Sustainability or a related field.

Minimum 2-year experience with energy efficiency/low carbon projects & implementation of energy efficiency retrofit; Must be experienced with building mechanical systems, energy costs & energy savings/emissions calculations methodologies; In-depth understanding of building energy systems & energy efficiency technologies; Strong ability to read/interpret mechanical/electrical schematics/drawings; Familiar with technical project management operations, NYC infrastructure, electrical & energy codes; Proficient in MS Office

Suite/Python. CEM Cert required.