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<b>Job Title</b>	Postdoctoral Fellow
<b>PVN ID</b>	RC-1712-002232
<b>Category</b>	Research
<b>Location</b>	CUNY-ADVANCED SCIENCE RESEARCH CENTER
<b>Department</b>	Environmental Sciences Initiative
<b>Status</b>	Full Time
<b>Annual Salary</b>	\$45,000.00 - \$50,000.00
<b>Hour(s) a Week</b>	35
<b>Closing Date</b>	Feb 05, 2018 (Or Until Filled)

## General Description

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Urban Biodiversity and Ecology: A postdoctoral position is available for conducting an integrated assessment of local and regional-scale consequences of residential development. An award from the U.S. National Science Foundation Macrosystems Biology program entitled "Alternative Futures for the American Residential Macrosystem (ARM)" supports the position. The primary goals include 1) determining how varied land management decisions influence the ecological function and communities, and structure of residential yards and other public spaces; 2) how do shifts in human demographics and desires for managing landscapes for biodiversity influence the adoption of alternative landscape designs; and 3) what are the ecological implications of alternative futures of the ARM with regards to the assembly of ecological communities and function, and how do changes at the individual parcel level scale up to landscape, regional and continental scales as a consequence of future urban expansion. The primary responsibilities of the postdoctoral associate include 1) conducting regional scale analyses on bird and insect communities, and how they relate to residential landscape designs, and 2) project-wide database development and management. Start date is May 1, 2018 with some flexibility, and position is for 2 years (1 year, renewable). Position could be based either in New York City or Amherst, MA. To apply, submit cover letter (including statement of interest and qualifications), Curriculum Vitae, and copies of up to 3 manuscripts

## Other Duties

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The postdoctoral fellow will participate in group activities (meetings, conference calls) associated with the Macrosystems Biology funded research project.

## Qualifications

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The successful candidate will have excellent quantitative skills, a background in statistical modeling, and database management skills. A strong background in wildlife ecology is preferred.