

Postdoctoral Associate in Animal Behavior New York University

Direct Link: <https://www.AcademicKeys.com/r?job=235083>

Downloaded On: May. 17, 2024 11:54pm

Posted Apr. 23, 2024, set to expire Aug. 23, 2024

Job Title	Postdoctoral Associate in Animal Behavior
Department	Mechanical and Aerospace Engineering - Biomedical Engineering
Institution	New York University Brooklyn, New York
Date Posted	Apr. 23, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Post-Doc
Academic Field(s)	Biology - Neuroscience/Neurobiology Biology - General Sciences - General

Apply By Email

Job Description

Multiple post-doc positions are available in the [Dynamical Systems Laboratory](#) (DSL) at the Tandon School of Engineering, New York University in a wide variety of research projects that are signature scopes of our multidisciplinary research group. The positions are fully funded with a competitive salary.

We seek independent, motivated, and creative individuals to conduct fundamental research in the broad areas of animal biology and social behavior. Candidates will be making important contributions to one or multiple research projects supported by our several ongoing grants (see [DSL: Active Projects](#)).

In particular, our research addresses hydrodynamic and social interactions underlying zebrafish schooling, multisensorial integration in fish behavior, and investigation of energy consumption and metabolism in fish. We are seeking individuals with a strong background in at least one of

Postdoctoral Associate in Animal Behavior New York University

Direct Link: <https://www.AcademicKeys.com/r?job=235083>

Downloaded On: May. 17, 2024 11:54pm

Posted Apr. 23, 2024, set to expire Aug. 23, 2024

the following fields: biology, behavioral neuroscience and social behavior, physiology, zoology, experimental methods, and/or other related fields.

Beyond conducting fundamental research in the broad area of animal behavior and behavioral neuroscience, candidates will be responsible for mentoring undergraduate, master and doctoral students, leading outreach activities, and supporting proposal writing and grantsmanship.

Candidate profile

Ideal candidates are expected to have:

- i) the drive to pursue an excellent career in research upon completion of their post-doc training;
- ii) a Ph.D. in biology, behavioral neuroscience, physiology, zoology, or related fields;
- iii) a demonstrated ability to conduct original research (theoretical, experimental, or computational), as evidenced by a number of high-quality journal and conference publications;
- iv) direct experience with working with and maintaining laboratory animals;
- v) outstanding English language oral and written communication skills;
- vi) a strong work ethic with the ability to work independently as well as in a research group;
- vii) evidence of good project/laboratory management skills;
- viii) the ability to strategize the goals of projects as well as design, conduct, and interpret experiments, under the mentorship of the Principal Investigator; and
- ix) a strong interest in becoming a leader, conducting interdisciplinary research with collaborators in other fields, and mentoring students

The DSL was established sixteen years ago by Prof. Maurizio Porfiri (Institute Professor at Tandon School of Engineering and Director of the Center for Urban Science and Progress, with appointments at the Department of Mechanical and Aerospace Engineering, the Department of Biomedical Engineering, the Department of Civil and Urban Engineering, and the Center for Urban Science and Progress). The DSL is home to a highly collaborative, vibrant group of young scholars, with complementary expertise across theory, experiments, and computations. The director, Prof. Porfiri, is the author of more than 350 journal publications and the recipient of numerous professional awards ([Wikipedia/Maurizio_Porfiri](#)).

Application

Candidates are encouraged to contact Prof. Porfiri via email or through Interfolio [here](#). Candidates should include a

detailed curriculum vitae, a one-page cover letter, a statement of past research experience, and a list of references. The cover letter should include applicants' research interests, and their future plans, both in general and research-wise. Review of applications will begin immediately,

Postdoctoral Associate in Animal Behavior New York University

Direct Link: <https://www.AcademicKeys.com/r?job=235083>

Downloaded On: May. 17, 2024 11:54pm

Posted Apr. 23, 2024, set to expire Aug. 23, 2024

and candidates are expected to join as early as June 2024.

Contact

Email: mporfiri@nyu.edu

Research laboratory manager: gl2861@nyu.edu

Tandon School of Engineering: andon.online@nyu.edu

Keywords

Animal-robot interactions, ants, behavioral neuroscience, metabolism, schooling, social systems, swimming, and zebrafish

EEO/AA Policy

New York University is an Equal Opportunity Employer. NYU does not discriminate due to race, color, creed, religion, sex, sexual orientation, gender and/or gender identity or expression, marital or parental status, national origin, ethnicity, citizenship status, veteran or military status, age, disability, unemployment status or any other legally protected basis, and to the extent permitted by law. Qualified candidates of diverse ethnic and racial backgrounds are encouraged to apply for vacant positions at all levels.

In compliance with NYC's Pay Transparency Act, the annual base salary for this position is \$62,500. New York University considers factors such as (but not limited to) the specific grant funding and the terms of the research grant when extending an offer.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Maurizio Porfiri
Mechanical and Aerospace Engineering - Biomedical
Engineering
New York University

Postdoctoral Associate in Animal Behavior
New York University

Direct Link: <https://www.AcademicKeys.com/r?job=235083>

Downloaded On: May. 17, 2024 11:54pm

Posted Apr. 23, 2024, set to expire Aug. 23, 2024

Brooklyn, NY

Contact E-mail mporfiri@nyu.edu