

**COLLEGE OF SCIENCE & LIBERAL ARTS**

Federated Department of  
Biological Sciences  
<http://web.njit.edu/~flammang/>

**Postdoctoral Research Associate position in Fish Biomechanics and Fluid Dynamics**

The Fluid Locomotion Lab (<http://web.njit.edu/~flammang/>) at the New Jersey Institute of Technology (NJIT) is soliciting applications for a two-year salaried Postdoctoral Research Associate position in Fish Biomechanics and Fluid Dynamics. Current and ongoing research topics in the lab include, but are not limited to, fish locomotor biomechanics and fluid dynamics, sensation and control of fluid loading on fins, functional morphology of the remora adhesive mechanism, fish-fluid interactions, fish schooling dynamics, and bioinspired submersible robots. Proposals for independent research interests that fall within the integrative topics of comparative biomechanics and fluid dynamics are welcomed. Contact Dr. Brooke Flammang ([flammang@njit.edu](mailto:flammang@njit.edu)) to discuss specific research proposal topics. To apply online, visit [njit.jobs/applicants/Central?quickFind=53745](http://njit.jobs/applicants/Central?quickFind=53745), posting #0602497. Applications will be reviewed as they are received. The application period will close March 15, 2015.

Essential Functions:

1. Develop and execute research methods and techniques within the framework of the research program.
2. Produce research publications for dissemination to the wider academic community.
3. Collaborate with research colleagues and support staff internally as appropriate to the research and actively develop appropriate external contacts and networks relevant to the project and to future funding opportunities.
4. Provide guidance and support to any students associated with the project.

Prerequisite Qualifications: PhD in Biology, Mathematics, Physics or related areas.

Preferred Qualifications: Experience in functional morphology, biomechanics, or fluid dynamics.

Essential Characteristics: Initiative, Innovative Thinking, Attention to Detail, Results Oriented, Analytical thinking in solving problems, Professionalism

Required Application Documents: Cover letter, CV including contact information for three references, and Research Statement (limited to 3 pages, upload as "other document").

