Post-Doctoral Researcher
Coral reproductive ecology and larval biology
NYU Abu Dhabi

New York University Abu Dhabi (NYUAD) is a research university with a fully integrated liberal arts and science college. It draws students from around the world, and prepares them for the challenges and opportunities of our interconnected world.

NYUAD is seeking to appoint a Post-Doctoral Researcher who will study coral reproduction and larval biology. NYUAD is located on the shores of the Persian/Arabian Gulf, where corals and other reef fauna experience extreme annual temperature ranges (20 °C) and maxima (36 °C). As a primary component of their research, the post-doctoral fellow will be responsible to design and implement multi-specific studies of reproductive ecology and larval biology of corals from the area. The Post-Doctoral Researcher will be expected to conduct novel laboratory and/or field experiments to advance scientific knowledge in this field and develop our understanding of the biology of corals in the Gulf. Published research experience in reproductive ecology of corals is required. However, opportunities are available and encouraged to study other aspects of coral reef biology in extreme environments as part of the Post-Doctoral Researcher’s portfolio.

The Post-Doctoral Researcher will work in the new NYUAD marine biology laboratory under the supervision of Dr. John Burt and will be partially supported by a Research Technician and a Marine Biology Research Assistant. Support by undergraduate students could be made available if warranted. The ideal candidate would be able to develop collaborative research agendas with high-impact researchers outside of the region.

To be successful in this role you must possess the following:

- PhD in Biology, Marine Biology or equivalent from an accredited college or university
- A strong publication record with first-author experience
- Dive certification from an accredited agency (PADI, BSAC or similar organization)
- Valid Driver’s License in home country
- Strong interpersonal skills with the ability to liaise with external stakeholders, employees, management and students.

Previous experience in the following is desirable but not essential:

- Experience in coral reproductive histology
- Experience collecting gametes and rearing coral planulae, preferably in a leadership role
- Experience in studying diverse aspects of the biology of coral reef fauna
- Ability to conduct multiple, possibly divergent, research projects simultaneously
- Ability to train junior technical staff to support operation and maintenance of research
- Mentoring of undergraduate students in a research setting
- Ability to plan, allocate, and monitor research budgets for projects

Hiring is contingent on successful clearance of security, health, and reference checks, among other HR-related parameters. This will be a two-year fixed term contract position, potentially renewable for an additional year based on performance and funding availability. The position is scheduled to open in late August 2012, but the starting date may be extended depending on the needs of a suitable candidate. Salary will be contingent on experience and the position will come with an attractive benefits package including a housing allowance. Salary and benefits are tax free in the UAE. Closing date for applications is 15 May 2012. Only those candidates short listed for an interview will be contacted.

Applicants must submit a curriculum vitae and the names and contact information for three references in PDF format to be considered. The applicants cover letter should respond to the specific items listed above (maximum of 2 pages), and copies of recent/relevant first-author publications written by the applicant should be included. Please visit our website at http://nyuad.nyu.edu/human.resources/open.positions.html for instructions and other information on how to apply.
If you have any questions on applying, please e-mail deirdre.tabak@nyu.edu.