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Postdoctoral Researcher: Optimizing coral nutrition for reef restoration

Position description

The *Ecological Oceanography Lab* in the Red Sea Research Center at King Abdullah University of Science and Technology (KAUST) is seeking a Postdoctoral Researcher to lead projects investigating coral nutritional ecology at multiple spatial and biological scales. The researcher will work closely with Michael Fox (PI), the coral restoration team at KAUST's Reefscape Restoration Initiative (KRRI), and an interdisciplinary team to unravel species-specific nutritional needs and optimize feeding programs for coral nursery applications. The researcher will conduct fieldwork and tank-based experiments in the Northern Red Sea in collaboration with KRRI. The position is initially for one year and renewable for up to two. Compensation includes relocation costs, global health insurance, and subsidized housing at KAUST. Salary is commensurate with experience. Anticipated start date: February 1, 2024.

Key Responsibilities

- Leading and maintaining experimental feeding trials
- Conducting fieldwork to evaluate coral nutrition at an ecosystem scale.
- Laboratory work including biochemistry and metabolomics.
- Lead data analysis and manuscript publication

Minimum Qualifications

- PhD in biology, ecology, or related discipline (must be completed at time of application)
- Experience with biochemistry and/or metabolomics
- Strong written and oral communication skills
- Demonstrated ability to work independently and as part of a team
- Strong record of peer-reviewed publications

Preferred Qualifications

- Experience with quantitative biochemical techniques
- Experience with coral ecophysiology and tank experiments
- Proficient analytical skills in R, MATLAB, or Python

Interested applicants should submit a CV, cover letter detailing relevant experience and research interests, and contact information for 3 references to Michael.fox@kaust.edu.sa. This position is open until filled, with priority given to applications received by **October 1, 2022**.

King Abdullah University of Science and Technology (KAUST) in Saudi Arabia, on the Red Sea coastal area of Thuwal, is an international graduate-level research university dedicated to inspiring a new age of scientific achievement that will benefit the region and the world. As an independent and merit-based institution and one of the best-endowed universities in the world, KAUST is becoming a major new contributor to the global network of collaborative research. It will enable researchers from around the globe to work together to solve challenging scientific and technological problems. The admission of students, the appointment, promotion and retention of faculty and staff and all the educational, administrative and other activities of the University shall be conducted on the basis of equality, without regard to race, color, religion or gender. Further information can be found at www.kaust.edu.sa.