University of Houston Clear Lake

Senior Environmental Research Associate

Job Description

JOB INFORMATION

Effective Date	10/20/2021
Job Code:	3086
Job Title:	Senior Environmental Research Associate
Salary Grade/Structure:	040 - Admin-Professional
Career Level Name:	
FLSA Name:	Exempt
EEO Code:	50-Technical and Paraprofessional
Job Function:	Research
Job Family:	Research
Job Summary	As a senior environmental research associate the incumbent will be responsible for management of an environmental monitoring network which includes air, water and biological data collection, maintenance of instrumentation and conducting quality assurance activities. The incumbent will also conduct and assist in the design of aquatic biological, fisheries and water quality studies in cooperation with faculty and graduate students. The incumbent will also provide basic GIS support for environmental research projects as required. The incumbent will participate in proposal writing to secure additional external funds and in the preparation of published research reports and manuscripts submitted to scientific journals. The incumbenet will also participate in and represent the Environmental Institute of Houston and University on technical and scientific committees which deal with various aspects of environmental science and natural resource conservation.

COMPETENCIES

Competencies

Please refer to the UHCL Human Resources webpage for UHCL core competencies for all eligible job levels.

QUALIFICATIONS

Education

Education Level	Education Details	Required/ Preferred	
Bachelor's Degree	B.S. in one of the following fields including Limnology, Aquatic Ecology, Marine Biology/Ecology, Biological Oceanography, Fisheries Sciences or closely related field	Required	
Master's Degree	M.S. in one of the following fields including Limnology, Aquatic Ecology, Marine Biology/Ecology, Biological Oceanography, Fisheries Sciences or closely related field	Preferred	

Work Experience

Experience	Experience Details	Required/ Preferred	
Less than 3 yrs	In lieu of M.S. Degree - B.S. and 2 years of applicable experience in one of the following fields of limnology, aquatic ecology, marine biology, biological oceanography, fisheries sciences or closely related field	Preferred	
Less than 3 yrs	experience in the use of ArcGIS in natural resource applications	Preferred	
Less than 3 yrs	Working knowledge of databases	Preferred	

Licenses and Certifications

Licenses/Certifications	Licenses/Certification Details	Time Frame	Required/ Preferred	

Knowledge, Skills and Abilities

	KSAs	Proficiency

JOB RESPONSIBIILTIES

Campus Security Authority ☐

Remote Work Capable ☐

Essential Functions

	Essential Function	% TIME
•	Maintain an environmental monitoring network which includes data collection, maintenance of instrumentation and conducting quality assurance activities.	30%
•	Conduct and assist in the design of aquatic biological, fisheries and water quality studies in cooperation with faculty and graduate students.	30%
•	Provide basic GIS support for environmental research projects as required	25%
•	Participate in technical report and proposal writing to submit to journals, project sponsors and to secure additional external funds	10%
•	Participate in and represent the University on technical and scientific committees as required	5%

PRE-EMPLOYMENT

MVR:	Yes

PHYSICAL DEMANDS/WORKING CONDITIONS

Physical Demands

Physical Demand	N/A	Rarely	Occasionally	Frequently	Constantly	Weight
Standing						
Walking						
Sitting						
Lifting						
Carrying						
Pushing						

Physical Demands

Physical Demand	N/A	Rarely	Occasionally	Frequently	Constantly	Weight
Pulling						
Climbing						
Balancing						
Stooping						
Kneeling						
Crouching						
Crawling						
Reaching						
Handling						
Grasping						
Feeling						
Talking						
Hearing						
Repetitive Motions						
Eye/Hand/Foot Coordination						

Working Environment

Working Condition	N/A	Rarely	Occasionally	Frequently	Constantly
Extreme cold					
Extreme heat					
Humid					
Wet					
Noise					
Hazards					
Temperature Change					
Atmospheric Conditions					
Vibration					

Travel Requirements

Estimated Amount	Brief Description