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JOB ANNOUNCEMENT November 2016

POSITION TITLE: Conservation Biologist and Environmental Educator

LOCATION: RCD Office, 540 S. Topanga Canyon Blvd., Topanga CA 90290
(Field work and education programs throughout the Santa Monica Mountains, Sepulveda Basin, and Santa Susana Mountains)

HOURS: **Part-Time: starting at 20-40 hours per week varies based on need**
Funded by RCD grants and contracts until March 2018.
Field work (snorkel surveys) will be a minimum of 3 days per month.
Office based work will be at least 10 hours per month.
Additional work (both day and night) dependent on rain events and specific field research and education events.

APPLICATION DEADLINE: Friday, 9 December 2016
Interviews will be scheduled week of 12-16 December

THIS IS NOT AN ENTRY LEVEL POSITION- SEE EXPERIENCE REQUIRED
Excellent opportunity to work with a dynamic natural resources organization and create your own projects! This is a fantastic job for trained biologists who also like to teach.

The RCDSMM is looking for an experienced, enthusiastic, self-motivated biologist/educator to assist with current environmental education programs, field research and restoration work while generating and leading new projects to study and enhance the habitat and natural resources of the Santa Monica Mountains. We offer a proven record of successful grant applications and project support, mentoring by a well-recognized researcher, variable schedule, and a great work environment.

DESCRIPTION OF WORK:

- Assist with on-going fisheries field surveys including snorkel and spawner surveys, mark-recapture events, storm event weir trapping and DIDSON camera deployment
- Assist with maintaining and calibrating field equipment including temperature loggers, data sondes, cameras and water quality testing probes.
- Assist with DIDSON camera operation, installation, image analysis and data collection.
- Assist with mounting and reading fish scales for age and growth studies.



- Supervise and manage BMI research effort including sample collection, identification and analysis.
- Assist with on-going environmental education projects including developing content for a phone app for environmental outreach at Malibu Lagoon, AP science based service learning field programs, and other RCD education programs
- Expand the AP science based service learning field programs
- Coordinate a variety of citizen science projects (iNaturalist Fish of the LA River, Detection Detectives, etc.)
- Develop adult outreach education programs
- Create, design and identify funding for research and restoration projects that enhance the natural resources of the Santa Monica Mountains
- Coordinate with the National Park Service, State Parks or other resource agencies when necessary
- Assist with preparing graphs, tables and data summaries needed for project reports and scientific papers.
- Supervise and manage field crews
- Oversee data input and management, monthly and final grant report preparation
- Implement QA/QC protocols.
- Create maps with Google Earth Pro, TOPO, and/or ArcGIS
- Assist with website content development and management
- Represent the RCDSMM at public meetings and events, including some evenings and weekends

REQUIRED KNOWLEDGE, SKILLS AND EXPERIENCE:

- Education: Minimum of BS in science or related field, Masters Preferred
- **Minimum of 2 years experience in BOTH field based research/monitoring AND science based outdoor environmental education (Provide 2 references for each area)**
- Expertise in Microsoft Word, Excel, Access databases, Power Point programs.
- Excellent technical writing and communication skills
- Experience snorkeling and diving.
- Comfortable hiking on slippery and uneven terrain.
- Enjoy working in the rain through the night.
- Ability to organize time and resources efficiently
- Attention to details and relentless drive to meet deadlines
- Ability to supervise volunteers and interns
- Ability to take initiative and solve problems in the field
- Physical fitness for field work
- Experience teaching science based outdoor education
- Experience managing elementary – high school classes



- Experience developing curricula for science based programs
- CPR, First Aid and/or Wilderness First Responder certification
- Flexible to work on an as-needed basis in addition to scheduled projects
- Sense of Humor!

ADDITIONAL EXPERIENCE PREFERRED

- Experience with PIT tagging, trapping and handling fish
- Experience aging fish using scale analysis, identifying macro-invertebrates preferred.
- Current California Scientific Collecting permit, and/or electrofishing certification preferred.
- Experience with California Department of Fish and Wildlife and/or National Marine Fisheries Service field protocols.
- Experience working with locally endangered aquatic species and knowledge of the Endangered Species Act preferred.
- Experience with GIS and imaging analysis software preferred.
- Experience with plant identification and monitoring in the Santa Monica Mountains
- Knowledge of the Santa Monica Mountains ecology and environment
- Good working knowledge of local, state and federal laws (County General Plans, CEQA, Endangered Species Act, Clean Water Act, Migratory Bird Treaty Act) dealing with the protection of natural resources and sensitive species

OTHER REQUIREMENTS

- Current driver's license
- Reliable transportation to the RCD office and various locations within the Mountains
- Must live within 45 minutes -1 hour driving distance of the RCD office with traffic!

COMPENSATION: Hourly rate ranges between \$20.00-50.00 per hour, depending on grant/contract funding source.

TO APPLY: Please e-mail a cover letter that provides times during week of 12-16 December you are available for an in-person interview, resume (include 4 references as noted above) and writing/graphing/mapping/lesson plan sample to info@rcdsmm.org or mail to: RCD of the Santa Monica Mountains, 540 S. Topanga Canyon Blvd., Topanga CA 90290.

Interviews will be conducted 12-16 December 2016. Starting date is January 2017.
For more information, please call John Hendra at 818-597-8627x 102.

The RCDSMM is an equal opportunity employer