

<b>Position</b>	VISITING ASSISTANT PROFESSOR OF AQUACULTURAL ENGINEERING
<b>Facility</b>	SUNY Cobleskill
<b>Location</b>	Cobleskill, NY
<b>Job Summary</b>	<p>The Department of Fisheries, Wildlife, and Environmental Science (FWES) at SUNY Cobleskill invites applications for a 12-month, grant funded (5 years) position as Visiting Assistant Professor of Fisheries &amp; Aquaculture to start in Spring (January) 2019. This is a hands-on, applied teaching position with a preference given to applicants that seek both to teach and work with a state fish and wildlife agency to improve and modernize its fish hatchery system, and give applied, practical experiences to students. 50% of the incumbent's time will be directed toward performing hatchery evaluations and providing problem solving consultation for the New York State Department of Environmental Conservation Fish Hatchery System. This individual will be responsible for performing hatchery evaluations of each hatchery in the NYS hatchery system (3-4 annually). Working with DEC staff, the candidate will develop and conceptually design adaptive energy efficient fish culture systems. Expertise in services delivered may include an analysis on pump sizing, preventive maintenance schedules, reuse of culture water, waste water treatment, energy use and potential conservation measures, efficient management of the work environment and other opportunities for efficiency upgrades related to fish culture or work environment. Recommendations for water supply enhancement, energy efficiency upgrades that including renewable resources of energy, culture techniques, apparatus enhancement, security systems and fish health will all be encapsulated into a report for each hatchery. A primary objective of this project is to formulate simple and adaptive approaches to hatchery design so fish culture staff can build and install facility upgrades in a cost effective manner. The successful candidate is expected to provide expert advice to DEC hatchery managers and engineering staff. Along with other SUNY Cobleskill faculty the incumbent will serve as an aquaculture consultant that will be used as a resource by DEC staff to help creatively solve problems at DEC's hatcheries. The intent is for DEC hatchery personnel and SUNY Cobleskill faculty to creatively solve problems. Lastly, the successful applicant will also plan and conduct at 2-3 workforce training programs per year for NYSDEC hatchery personnel working in cooperation with NYSDEC staff. Teaching The successful applicant will teach 1/2 (6-7 contact hours) of a typical faculty load at SUNY Cobleskill, which may include the following courses: Fall: Aquaculture Engineering, Fish Hatchery Management or other course. Spring: Production Aquaculture/Mariculture, Hatchery Techniques or another aquaculture course. Other teaching responsibilities may be necessary at the direction of the Chair of FWES. Other duties may include undergraduate advisement, and participation in campus governance.</p>
<b>Essential Functions</b>	<p>The successful applicant must have a strong interest in higher education and be enthusiastic about creating educational teaching environments that are innovative and inspiring to students in the classroom and in the field. We encourage applicants who have a commitment to fostering undergraduate research and training, and who have a demonstrated record of teaching and mentoring undergraduates.</p>
<b>Other Duties and Responsibilities</b>	
<b>Knowledge, Skills and Abilities</b>	

<b>Education &amp; Experienced Required</b>	A Master's degree (Ph.D. preferred) in aquaculture, engineering, conservation aquaculture or a similar discipline. Aquaculture field experiences in the applied aspects of aquaculture and engineering. Good written communication skills (this individual will have to write 3-4 fish hatchery assessment reports per year). Preferred Qualifications In addition to the aforementioned minimum qualifications, it is preferred that the candidate also have: Background in aquaculture engineering in a production hatchery environment. Experience in engineering, construction and/or renovation of aquaculture facilities. College level teaching experience.
<b>Licenses and Certifications Required</b>	Valid driver's license.
<b>Physical Requirements</b>	
<b>Working Conditions</b>	
<b>Salary</b>	\$65,000 - \$70,000
<b>Respond To</b>	Nicole M. Field fieldnm@cobleskill.edu
<b>Closing date</b>	10/20/2018

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