

**Subject:** Genetics Technician on Cottontail Rabbits at SUNY-ESF

The Fish and Wildlife Disease lab at The Research Foundation for the State University of New York for the College of Environmental Science and Forestry (ESF) is seeking to fill a full-time appointment for a Senior Research Support Specialist (molecular biologist) to work on 2 projects: 1) Population genetics and genetic identification of wildlife species from non-invasive samples (80%), and 2) molecular biology and strain typing of Mycobacterium species from laboratory zebrafish (20%). The Senior Research Support specialist will work on molecular biology projects led by Dr. Christopher Whipps working with a team of faculty and graduate students (Whipps lab <http://www.esf.edu/efb/whipps/>; Cohen lab <http://jcohenlab.weebly.com/>; Ryan lab <http://sadieryan.weebly.com/>). This position requires strong organization, communication, and math skills; also must be able to handle high volume testing accurately and effectively and work with biological tissues and infectious agents safely.

Department: Environmental Forest and Biology

Salary: \$38,750 per year (Full time)

Duration: February 15 – October 14, 2016 (10 months)

Brief Description of Duties: DNA extraction from tissues, cultures, and scats; running and modifying PCR assays for genotyping microsatellites from cottontail rabbits and other wildlife species; PCR-RFLP assays for species identification of rabbits and bacteria; preparation for DNA sequencing and sequence analysis; troubleshooting microsatellite genotyping data; ordering supplies; assisting graduate and undergraduate students with research; general laboratory management.

Required Qualifications: A Bachelor's degree in Genetics, Microbiology or related fields; experience in DNA extraction techniques and PCR.

Preferred Qualifications: A strong background in population genetics, laboratory management, and microbiology. Genetics techniques including optimizing and troubleshooting PCR, and genetic analysis. Experience with isolation of bacteria from animal tissues, bacterial culture media preparation, growth and preservation of cultures, bacteriological staining and biochemical techniques.

Application Deadline: Although applications will be accepted until the position is filled, candidates should submit their application by January 30, 2016 to assure optimal consideration. The position will remain open until filled.

Application Procedure: Employment application is required to be submitted on-line at <http://www.esf.edu/hr/> Attach cover letter, curriculum vitae, resume and contact information for three employment references.

SUNY-ESF provides an intimate small-college atmosphere with over 400 faculty and staff dedicated to solving environmental problems through research, teaching and service. The Department of Environmental and Forest Biology ([www.esf.edu/efb](http://www.esf.edu/efb)) has over 30 faculty focused on a variety of biological disciplines. The ESF campus is contiguous with that of Syracuse University and in close proximity to SUNY Upstate Medical University, giving students and faculty the added resources of a larger institution of higher education.

Located in central New York State, Syracuse is a lively city (<http://www.syr.gov.net>) within a day drive of major urban centers (New York, Boston, Washington DC, Philadelphia, Toronto, Ottawa, Montreal), as well as abundant natural beauty (Adirondacks, Thousand Islands, Niagara Falls).

In accordance with the "Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act" institutions of higher education are required to prepare an annual report containing information on campus security policies and campus statistics. This report includes statistics for the previous three years concerning reported crimes that occurred on-campus; in certain off-campus buildings or property owned or controlled by SUNY-ESF; and on property within, or immediately adjacent to and accessible from the campus. The report also includes institutional policies concerning campus security, such as policies concerning sexual assault, and other matters. You can obtain a printed copy of this report by contacting SUNY-ESF University Police at 315-470-6667 or by accessing the following web site: <http://www.esf.edu/univpolice/crimereports/>

The Research Foundation is an equal opportunity/affirmative action employer.  
All qualified applicants will receive consideration for employment without regard to sex, gender identity, sexual orientation, race, color, religion, national origin, disability, protected veteran status, age, or any other characteristic protected by law.