

NEW JERSEY GEOLOGICAL SURVEY INTERNSHIP

Job Description: The New Jersey Geological Survey conducts an internship program for college students in the geosciences. Our interns are involved in a variety of projects related to the geology and groundwater of New Jersey. The objectives of the geoscience education program are to better train geoscience-major students in field techniques through mentored geologic field research, and to encourage students to pursue careers in geoscience. Through this program, undergraduate geoscience majors will work in the field alongside experienced state geological survey geoscientists (i.e. geologists, geophysicists, hydrogeologists, engineering geologists, coastal and marine scientists), who will serve as their mentors. Interns are encouraged to present results of their research experience in a professional setting. This could be either a mentoree's presentation to all or part of the state geological survey staff, on the scientific content of the work that they did, or as a student presentation at a regional Geological Society of America or other scientific meeting.

Responsibilities: NJ Geological Survey interns will work on an active project by their mentor. Assigning the students part of a problem to solve during the mentored period will help to make their field experiences and presentations better. Interns will participate in field activities that may require the operation of scientific equipment. Interns will receive experience in and be responsible for one or all of the following phases of scientific research: data acquisition, data reduction, interpretation, and presentation.

Qualifications: The NJ Geological Survey internship program seeks mature, conscientious, and self-motivated individuals. They must have an initial academic experience in the geosciences. The candidate must be able to participate in field activities and possess a valid driver's license.

The program is centered at our office in Trenton. We usually require that the interns work a minimum of full time for at least 1 month or to 3 days/week for 2 months. Long term flexible internships can operate on a yearly basis. Intern selection for the summer field-season usually occurs between February-April.

Work Location: NJ Geological Survey Office 29 Arctic Parkway, Trenton, New Jersey, and field locations throughout the State.

Pay Rate or Travel Compensation: The NJ Geological Survey student internships are generally unpaid. A project geologist may have access to hourly employee funding or an internship grant where the intern may be able to be paid.

Supervisor-Student Approach (weekly mtgs; daily oversight, etc.): The internship is a mentored program, coordinated between the student and the project geoscientist. While much of the work is one-to-one there are opportunities for independent work.

**For questions or to arrange an interview, please contact: NJGS Intern Coordinator, NJ Geological Survey, Mail Code 29-01, P.O. Box 420, Trenton, NJ 08625-0420
jeff.waldner@dep.state.nj.us or 609-984-6587 (office) 609-633-1004 (fax)**