

## NEW JERSEY GEOLOGICAL AND WATER SURVEY INTERNSHIP

**Job Description:** The New Jersey Geological and Water Survey (NJGWS) 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. 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:** NJGWS interns will work on an active project with 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 NJGWS internship program seeks mature, conscientious, and self-motivated individuals with at least 4 Semesters of college study 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 Ewing. We usually require that the interns work a minimum of full time for at least 1 month or 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 and April.

**Work Location:** NJGWS Office at 29 Arctic Parkway, Ewing, New Jersey, and field locations throughout the State.

**Pay Rate or Travel Compensation:** 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-on-one there are opportunities for independent work.

**For questions on this program or to submit a letter of interest and a current resume, with relevant courses and current GPA along with a letter of recommendation from a college advisor, please contact: NJGWS Intern Coordinator, NJ Geological and Water Survey, P.O. Box 420, Mail Code-29-01, Trenton NJ 08625-0420. Helen.Rancan@dep.nj.gov or (609) 292-2576**