

## STUDENT JOB DESCRIPTION FORM

**DEPARTMENT**      **Hoosic River Watershed Assoc. (HooRWA) -CES**

**Contact:**                      Sarah Gardner                      **Telephone:** x4209

**E-mail:**                      [Sarah.S.Gardner@williams.edu](mailto:Sarah.S.Gardner@williams.edu)

### **JOB TITLE: Water Quality Monitoring**

#### **Tasks:**

This work-study assignment will provide experience in applied biological research and analysis. Students will learn biological techniques for monitoring water quality using benthic macroinvertebrates. Students will be trained in benthic macroinvertebrate taxonomy; a required skill to properly conduct an investigation of biological effects of human impacts on a freshwater stream environment. Students will also receive instruction in basic stream ecology, landscape ecology, community planning, and data management. Preference will be given to students who are genuinely interested in freshwater aquatic ecology. Familiarity with one or more the following is a plus: basic chemistry, microscope work, biological field work, insect taxonomy. Please submit a statement of interest, transcript, and resume.

Only federal work study students are eligible; please submit a statement of interest and transcript to Sarah Gardner, Kellogg House 5 or [sgardner@williams.edu](mailto:sgardner@williams.edu). Applications are due now. Students may work for one semester or for the entire year.

**Number of students needed:** 3

**Hours per week:** average of 4

**Schedule:** weekends in Sept. & early Oct. for fieldwork; flexible hours in Nov. & Dec. for lab work

**Pay Level:** C

**Are students allowed to study during or after the completion of primary task(s)?** No.