

**Southwest PA Environmental Health Project
Student Environmental Science Researcher**

The Southwest Pennsylvania Environmental Health Project (EHP) is a nonprofit organization located in McMurray, PA. EHP's mission is to provide timely, trusted, and accurate information to residents of southwestern Pennsylvania and surrounding areas who believe that their health may be impacted by unconventional oil and gas development (UOGD or fracking). Our work includes providing residents with tools for monitoring air and water emissions and interpretation of the results, health and environmental assessments and recommendations by medical professionals, and presentation of analyses of exposure and health data that identify potential health impacts from this developing, widespread industrial activity. (See www.environmentalhealthproject.org.)

EHP seeks a graduate student or advanced undergraduate student who under the direction of the Environmental Health Educator and in consultation with the Medical Outreach Coordinator will engage in some or all of the following research activities:

- Investigation of UOGD impacts on private and public water sources, their consequences for public health, and the effectiveness of related public policies;
- Investigation of the transportation and storage of fracking waste to determine whether current regulations are adequately protective of public health;
- Collaborate with EHP team members to compile the above water and waste research into fact sheets that are accessible to the general public;
- Review and update existing EHP fact sheet citations on air emissions and water quality and their impact on public health; and
- Develop a pilot project to identify schools within EHP's recommended setback distance to educate school officials about the potential health risks of nearby UOGD and provide recommendations for health protective measures.

The successful candidate will:

- Be available for approximately 12 hours/week for 25 weeks in the 2018-19 academic year (fall and spring) and able to travel to EHP's McMurray office on a limited basis;
- Possess strong research and writing skills;
- Have familiarity with shale gas development or a willingness to learn about the industry, especially water, waste storage, and public health-related concerns and impacts; and
- Work well both independently and in teams.

Terms of appointment:

- Hourly pay available; fulfillment of internship requirements negotiable; and
- Reimbursement for approved travel for EHP assignments available.

Submit a resume and cover letter to Jill Kriesky, Associate Director, at jkriesky@environmentalhealthproject.org. Review of applications will begin on September 14th. Position will remain open until filled.