



Job Posting – Data Analyst

Job Title: Data Analyst

Reports to: Regional Manager, Appalachia

Location: McMurray, PA / Pittsburgh area

Job Type: Part-time, salaried, non-exempt (20 hours/week)

Organization Description:

Southwest Pennsylvania Environmental Health Project (EHP) is a public health nonprofit organization that provides wide-ranging support to communities impacted by shale gas and oil development. That support includes health impact assessments, environmental and health monitoring, data and research interpretation, and public health guidance. EHP's team includes a varied and skilled group of health care providers, scientists, community educators, analysts, and communications experts. The strength of the organization lies, in part, in its direct contact with community members, learning about their circumstances and responding to their need for relevant information and guidance. The organization opened in 2012 and today is at an exciting juncture as we have expanded our focus beyond southwestern PA. We seek to support communities more broadly in understanding the exposures and risks generated by shale gas and oil development, and also to engage in policy dialogues at the local, state, and national levels regarding the public health implications of shale gas and oil activities. We have become national leaders in the comprehensive understanding of, and approach to, the public health consequences of shale gas development.

Job Summary:

The organization analyzes health data and monitors air pollutants such as particulate matter and volatile organic compounds (VOCs) near industry sites, such as well pads and compressor stations. The role of the Data Analyst is to ensure accurate analysis of these data and to translate the findings into easily accessible reports using existing and in-development templates for consumption by a range of audiences, from community residents to legislators. Some community interaction and support may be expected in this role as residents are trained to use monitors themselves. The Data Analyst will also work to assess study areas for new analysis, such as water contamination. This position will work closely with the Environmental Data Scientist to support EHP's data approach and with the Regional Manager for Appalachia to support specific program deliverables.

Various tasks associated with this role include but are not limited to the following:

Primary Duties

- Manage individual air monitoring program
- Download air monitoring data and analyze using EHP-created apps
- Enter analyzed data into individual and community reports
- Interact with community and local organizations as needed to provide technical guidance about monitoring and reporting
- Research water contamination and potential analyses EHP might consider

Other Duties

- Additional research and analysis projects, as needed

Core Attributes Required:

- Ability to thrive in a dynamic, deadline-oriented environment with demonstrated ability to balance multiple, competing demands and establish priorities
- Excellent written and oral communication skills to broad and diverse audiences on a range of complex and technical issues
- Ability to offer creative solutions to complex problems and translate options into implementable solutions
- Attention to detail and comfort with managing deadlines and budgets across multiple project teams
- Basic understanding of current events related to public health and fossil fuel industry issues
- Proven flexibility to new challenges and situations
- Strong analytical and critical thinking skills
- A “roll up your sleeves” attitude and willingness to take initiative to address issues proactively
- Ability to strategize with team members, with a focus on organizational improvements
- Comfort communicating and coordinating with remote teams
- Passion for the organization’s mission to defend public health in the face of oil and gas development

Education and Experience Required:

- B.S. in environmental science, statistics, applied math, geography, or related field
- Background in public health, environmental science, or biology a plus
- Proficiency in programming languages, specifically R, Python, and HTML
- Excellent verbal and written communication skills

Compensation: Commensurate with experience.

Application Instructions: Submit cover letter explaining why this role is a good fit, resume, and salary requirements to Jessa Chabeau at jchabeau@environmentalhealthproject.org

Apply by October 9, 2020 for first round review.

All applicants and employees will enjoy equality of opportunity and fair treatment without regard to, race, color, age, religion, pregnancy, sex, sexual orientation, disability, gender identity, gender expression, national origin, genetic information, veteran status, marital status, or prior protected activity.

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