

STEM Education Postdoctoral Fellowship @ University of Idaho

The Center for Health in the Human Ecosystem (CHHE) is seeking to fill the position of **STEM Education Postdoctoral Researcher**. Please see the CHHE website and position posting at <https://www.uidaho.edu/cals/center-for-health-in-the-human-ecosystem> under “News and Events.”

The position will report to CHHE co-directors Shirley Luckhart, PhD, and Ed Lewis, PhD. The fellow will develop research in STEM education, support the CHHE in preparing extramural grants, assist with the delivery and refinement of the CHHE annual international “Biology of Vector-borne Diseases” course <https://www.uidaho.edu/cals/center-for-health-in-the-human-ecosystem/education/vector-borne-diseases>, and deliver innovative STEM modules in 1-2 courses for the Entomology and Global Disease Ecology undergraduate majors at UI.

The CHHE was established at UI in 2017 and has developed national and international recognition in research and outreach in the parallels and connections across plant, animal and human diseases. We are recruiting a postdoctoral researcher to expand CHHE efforts to support cross-disciplinary research and to develop STEM course materials to add significant value to the academic knowledge of the value of STEM research and curricula for the next generation of STEM professionals in Idaho.

The CHHE partners with the Idaho STEM Action Center (<https://stem.idaho.gov/>) to advance Life Sciences STEM at UI through the CHHE. The Idaho STEM AC was created by legislation enacted in 2015 to address learning and achievement in STEM, equity in access to STEM, professional development, college and career STEM pathways and industry and workforce needs in STEM. In addition to mentoring at UI, the STEM Education Postdoctoral Researcher will have access to mentoring resources and opportunities through the Idaho STEM AC.

Essential duties of the position include, but are not limited to the following

- Develop an independent research agenda, author peer-reviewed publications, and engage with the community of STEM researchers through the CHHE;
- Assist with and lead grant development for CHHE cross-disciplinary research, education and outreach opportunities;
- Deliver innovative STEM modules in 1-2 courses in Entomology and Global Disease Ecology and assist with organization and delivery of the “Biology of Vector-borne Diseases” course;
- Assist with mentoring for the undergraduate research practicum in Global Disease Ecology

Qualifications, salary and application process

This position requires a strong life sciences background, excellent writing and communication skills for grant preparation and teaching, and knowledge of evidence-based learning strategies as applied to teaching STEM curricula. Candidates must have a PhD in Entomology, Microbiology or related fields, evidence of publications in high quality scientific journals and/or STEM education journals, data analysis expertise, and demonstrated aptitude for teaching, outreach and grant writing.

The salary for this position is \$51,000 per year or higher based on experience.

To apply, please send a CV, statement of interest in the position, and names and contact information for three references to Shirley Luckhart sluckhart@uidaho.edu and Ed Lewis eelewis@uidaho.edu. Applications will be reviewed starting 15 June 2019 for an expected start date of 1 August 2019.