

UCR CE-CERT Job Opportunity: Community Scientist Liaison

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The community scientist liaison will work with our faculty teams assisting in managing existing and successfully launching new air monitoring campaigns and air quality outreach efforts in our region. The incumbent will work with the faculty and the community to ensure air monitoring campaigns are technically sound as well as appropriately address the communities' concerns. The incumbent will represent the 'pulse' of the community, i.e., understand the needs and wants of the community and represent the community in our internal development of community-based projects and proposals with our faculty.

The community scientist liaison will also be responsible for maintaining our community air quality science outreach program, including: 1) maintaining a network of experts in the policy, advocacy, technical, environmental, and academic fields; 2) develop materials & help train the community in air quality monitoring placement, use, and data interpretation and related subjects, with the assistance of the experts; and 3) create an engagement platform through the web and social media and host regular community engagement events to grow our communities' awareness of problems and solutions and increase our region's ability to leverage positive change.

The community scientist liaison will lead a team of undergraduate assistants and others to accomplish the goals of the projects and outreach program. The program team will involve expert researchers and graduate students to assist with the technical aspects of the program and our departmental outreach specialist and web programmer to assist with outreach related aspects of the program.

Minimum Qualifications:

- 1) Must have a B.S. degree or equivalent.
- 2) Must have previous experience in working with the community, either in terms of tutoring, activism, nonprofit involvement or similar aspects.
- 3) Must possess knowledge in air pollution and use of low-cost sensors in performing scientific experiments.
- 4) Must possess knowledge of basic data collection, experimental design, and data analysis.
- 5) Must possess excellent written and verbal communication skills and ability to write scientific summaries, develop curriculum, and write proposals and papers.
- 6) Must possess a valid California Driver's License to travel to and from testing and teaching sites, and be located in the Inland Empire.

Preferred qualifications:

- 7) The ideal candidate will have experience and the desire to work with low income populations and have a natural ability to develop rapport and build trust with a wide variety of constituents.

- 8) Specific experience with working with the community in health and air quality concerns and active relationships with the Riverside and San Bernardino community in this regard.
- 9) Expert knowledge in the use of sensors for data collection, troubleshooting, maintenance and design.
- 10) A M.S. degree or equivalent.

Job Duties:

- 1) Assist in air monitoring campaigns – identifying appropriate community members and locations to deploy monitors, work with the public in siting and installation of the equipment, and assisting with data interpretation into lay terms. A portion of the role will be training undergraduates and community members in how to do this is also a part of the process.
- 2) Assist in other pilot deployment campaigns – for example, help with the outreach and identification of appropriate communities for deploying electric and hydrogen vehicle charging stations, public transport and other clean technology.
- 3) Develop a social media and web platform to have a forum for convening community conversations and showcase our projects and opportunities
- 4) In conjunction with other organizations, host community conversations to disseminate knowledge and understand the needs and desires of the communities.
- 5) Assist faculty in preparing reports and proposals with data analysis of air monitoring campaigns' (on a basic level) and with the discussion of efficacy of the community outreach program.
- 6) Other duties as assigned, within scope of title series and rank.

Those interested should send their curriculum vitae and a cover letter to certjobs@cert.ucr.edu with the subject "Community Scientist Liaison". In the cover letter, please provide a statement of research interests and experience.