



Research Assistant: Alternative Fuel Development

The [Schatz Energy Research Center](#) (SERC) is seeking a dynamic researcher to participate in an ongoing initiative supporting alternative fuel infrastructure development and the adoption of alternative fuel vehicles in the Northwest California region. The successful candidate will work alongside SERC staff and Humboldt State University faculty in data collection, analysis, and report writing. This work may involve regional travel, and provides an opportunity to make substantive contributions to the expansion of alternative fuels in California.

The position will initially be filled through summer 2014, with the possibility of continuation depending on performance and project needs. It is funded by a California Energy Commission [Alternative Fuel and Vehicle Technology Program](#) grant that has been awarded to the project, and is contingent upon that funding being delivered.

Background: The project is a collaboration between government and research entities throughout the Northwest California region, with SERC playing a key analytical role. SERC is an international leader in applied research and project implementation related to clean and renewable energy. The Center is located in a modern facility at [Humboldt State University](#), and its dynamic team consists of 25 faculty, researchers, administrative staff, and students. SERC's [portfolio of clean energy projects](#) includes sustainable transportation, renewable energy power systems, hydrogen fuel cells, energy efficiency, and developing country energy access.

Duties and Responsibilities:

- Conduct fuel use and demographic data collection activities and (spreadsheet-based) analysis
- Investigate economic and demographic dynamics affecting uptake of alternative fuels
- Collect data and conduct analyses to assess life cycle carbon intensity of various fuel pathways
- Identify and evaluate market barriers and alternative fuel incentives for use in the study region
- Support senior SERC research staff as necessary

Minimum Qualifications: Eligible candidates will have significant coursework in an appropriate technical or policy field. The successful candidate will be detail-oriented and will demonstrate the ability to work both individually and in a team, to learn quickly, and to manage time effectively. Candidates should also possess strong written communication and analytical skills including significant experience with standard computer software applications such as Microsoft Word and Excel.

Preferred Qualifications:

- Significant experience with energy/transportation systems
- Strong spreadsheet modeling and/or data analysis skills
- Bachelor's degree in a related field

Compensation: \$12.47-\$18.81 per hour depending on experience; 30-40 hrs/wk summer 2014 & potentially 10-15 hrs/wk fall 2014. Some flexibility in hours possible depending on candidate availability.

Application Procedure: Applicants should submit a letter of application and résumé to Schatz Energy Research Center, Humboldt State University, Arcata, CA 95521 or via email to serc@humboldt.edu. The letter of application should include an explanation of your qualifications and interests with respect to the position. The letter will be used in part to evaluate the quality of your writing. Questions regarding the position or application process can be directed to colin.sheppard@humboldt.edu.

Application Deadline: Application materials must be received by 5:00 p.m. Pacific Time (US), Monday, April 7th, 2014.