



Vacancy Announcement **Student Research Assistant**

Position Summary: The [Schatz Energy Research Center](#) is hiring a Student Research Assistant (SRA) to work on the development of an electric bus charging infrastructure optimization model. The anticipated start date is on or near January 16, 2019. A one-year commitment is requested.

Compensation and Time Base: \$11.28-\$17.82 per hour, depending on skills and experience. This is a part-time position with an expected time base of 10 hours per week during the academic year and 20 hours per week during the summer. This is a temporary, non-benefited, non-exempt (hourly), non-state position.

Duties and Responsibilities: The selected SRA will assist with the development of an electric bus charging infrastructure model for a transit agency. This work will involve programming in the R language, data processing and analysis, and basic GIS work. The result will be recommendations on the number, location, and power of bus chargers serving a fully electrified transit fleet. Recommendations will inform local government planning efforts. Note that this list is not necessarily comprehensive and that work on other projects may be assigned.

Minimum Qualifications:

- Education in engineering, environmental science and management, chemistry, physics, or similar courses of study at the graduate or advanced undergraduate level. In some cases, early-stage undergraduate students may also be considered.
- Proficiency with modern office computing, including word processing and spreadsheet analysis.
- Familiarity with the R programming language.
- Strong written and oral communication skills.
- Strong mathematics skills.
- Ability to self-motivate and contribute to fast-paced team projects.

Desirable Qualifications: (note that we do not expect a given applicant to have skills in all of these areas):

- Advanced quantitative and data analysis skills.
- Ability to carry out interdisciplinary analysis.
- Prior work experience and/or knowledge related to relevant renewable energy and energy efficiency technologies and policies, including topic areas such as solar energy, demand response, distributed energy resources, electrified transportation, and energy storage.

Application Procedure: Applicants should submit (i) a letter of application, (ii) a one-page resume, and (iii) unofficial transcripts of prior academic work at HSU and other colleges or universities to the Schatz Energy Research Center via email to serc@humboldt.edu.

Application Deadline: All application materials must be received by 4:00 p.m. Pacific Time (US), Monday, December 17, 2018.

Questions and Inquiries: For additional information about the position, please send an email to serc@humboldt.edu or call 707-826-4345.

Humboldt State University Sponsored Programs Foundation (HSU SPF) is an Affirmative Action/Equal Opportunity Employer. We consider qualified applicants for employment without regard to race, religion, color, national origin, ancestry, age, sex, gender, gender identity, gender expression, sexual orientation, genetic information, medical condition, disability, marital status, protected veteran status, or any other legally protected status. More information about HSU SPF's Equal Employment Opportunity hiring can be found [here](#).