

**UW Center for Evaluation & Research for STEM Equity**  
**Graduate Research Student Assistants**  
**Fall 2024**  
**Application Deadline: August 23, 2024 (11:59 PM PT)**

The Center for Evaluation & Research for STEM Equity (CERSE) at the University of Washington is seeking **2-3 graduate research assistants** to assist with multiple ongoing evaluation and research projects. The projects vary in specific focus related to broadening participation in STEM fields. CERSE conducts research, evaluation, and consulting on diversity, equity, and inclusion (DEI) in STEM. We are a community-oriented team committed to increasing the participation of people from systemically marginalized groups in STEM education and careers. Find out more about CERSE at <http://depts.washington.edu/cerse/>

**I. 1-Quarter 50% FTE Appointment: Society of Women Engineers (SWE) Literature Review**

**One position** will be a one-quarter 50% appointment for Fall 2024 and is focused on writing a literature review for the Society of Women Engineers (SWE) that will be published in the [SWE Magazine](#). This position needs a strong writer who ideally has some familiarity with the literature on diversity in STEM. This RA will work with CERSE Senior Research Scientist Emily Knaphus-Soran. Duties include the following:

**Position-Specific Tasks:**

- **CERSE SWE RA**
  - Search academic databases for articles on gender equity in engineering/STEM and manage citations
    - Software utilized: Zotero, Excel
  - Read and succinctly summarize articles
  - Identify key themes across articles, generate memos synthesizing findings
  - In collaboration with a CERSE research scientist, draft and iteratively revise the literature review

**II. 4-Quarter 50% FTE Appointment: INCLUDES Aspire Alliance Evaluation**

**The second position** will be a 4-quarter 50% appointment and is focused on conducting program evaluation for the NSF Eddie Bernice Johnson INCLUDES Aspire Alliance in their second year of supplemental funding. The Aspire Alliance’s mission is to “improve broadening participation for faculty, leadership, and institutions to increase awareness, learning, skills/capacity, practices/policy, and inclusive cultures.” This position will begin as a one-quarter Fall position and will be extended through the school year and Summer 2025 if performance is satisfactory. This RA will work with CERSE Director Liz Litzler. Duties include the following:

### **Position-Specific Tasks:**

- **CERSE Aspire RA**

- Lead (with support from CERSE colleagues) embedded evaluation activities for one of the Aspire change teams
- Attend weekly evaluation meetings
- Design and field event evaluation surveys
- Conduct qualitative coding and analyze data for such as client progress reports, interviews/ focus group data, observation data), as needed
  - Analysis Software: Dedoose, Excel
- Conduct cross-sectional and longitudinal analyses and visualization of program survey data
  - Analysis Software: Excel and/or additional programs like SPSS, Stata or R
- Help conduct focus groups and interviews
- Present to internal and external audiences on webinars, conferences, and meetings regarding the evaluation work
- Maintain and update databases of event and participant data (Airtable)
- Work on co-authored, peer-reviewed manuscripts disseminating the work of Aspire
- Draft and revise reports and memos

### **III. Potential 3-quarter 50% FTE Appointment: Research and Evaluation**

**A third position may also be available depending on funding.** If so, it would be a three-quarter 50% FTE position, that would focus on social science research and one or more evaluation projects. This role would require both qualitative and quantitative research skills and writing for reports and potential co-authored, peer-reviewed conference and/or journal papers. The primary qualitative method would be thematic coding in Word/ Excel and Dedoose. Quantitative research would include data cleaning, generating descriptive statistics, conducting regression modeling and analysis, and visualizing cross-sectional and longitudinal data in Excel and Stata or R. If this position is available, all applicants for one or both of the above appointments can be considered for this third appointment. A more detailed description of this potential role would be available to interested interviewees at their interview. This RA would primarily work with CERSE Associate Director Erin Carll.

### **IV. Working at CERSE (All Positions)**

#### **General Responsibilities:**

- Support drafting new data collection instruments and update existing instruments, as needed (Not relevant to SWE position)
- Support primary data collection, as needed (Not relevant to SWE position)
- Draft and revise high-quality reports, papers, and other written materials, as needed
- Attend meetings and otherwise communicate with collaborating institutions, as needed

- Manage assigned tasks across projects, as needed, and contribute to high-level project administration, supporting the supervisor on project management, priority setting, and other decision-making
- Collaborate with additional CERSE staff on other related projects, as needed
- Maintain organized project files in coordination with collaborators within and outside of CERSE

**Desired Qualifications:**

- Excellent written and oral communication skills, including storytelling/ effectively communicating research results to a wide variety of audiences
- Excellent organization skills and the ability to manage multiple priorities
- Experience using quantitative and qualitative methodologies to design data collection instruments and collect, manage, and analyze data (e.g., managing and analyzing data in Excel and one or more statistical software programs like R, Stata, and/or SPSS; coding qualitative data in Word, Dedoose, or Atlas.ti; possibly conducting interviews/ observations and/or fielding surveys) (Not relevant to SWE position)
- The ability to synthesize and integrate information from multiple data sources
- Leadership and strategic problem-solving ability
- Interest in STEM education and/or professional development
- A strong commitment to furthering diversity, equity, and inclusion

**Required Qualifications:**

- At the time of applying, applicants must have been admitted to a graduate program at the University of Washington. Preference will be given to applicants from social science related fields.

All positions include the standard GRA salary, health insurance, and tuition remission.

To apply:

The application deadline is **Friday, August 23, 2024 (11:59 PM PT)**. To apply, complete the application form and upload a CV/resume here: <https://forms.gle/h29oo2wauVrxchw8>. Applicants for the SWE RA position will also be asked to submit a solo-authored writing sample, preferably a literature review written as part of your graduate-level coursework; another graduate program course paper is also acceptable if a lit review is not available.

Questions can be directed to:

Elizabeth Litzler  
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OR

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