

POSITION DESCRIPTION - **Research Scientist** (100%)

Social Development Research Group
School of Social Work- University of Washington

The Social Development Research Group (SDRG) at the University of Washington is seeking Research Scientists to work on grant projects funded by the National Institutes of Health.

SDRG (www.sdrg.org), part of the School of Social Work, is a nationally recognized, multi-disciplinary group of researchers and staff members united in a common mission:

To engage with diverse communities to promote healthy behaviors and positive social development using prevention principles, rooted in rigorous science.

- **Conduct collaborative research** on systems and factors that influence human development
- **Collect** high-quality data to support our research
- **Develop and test** effective prevention interventions
- **Disseminate and implement** the interventions and expertise produced by our research
- **Advocate** science-based solutions to health and behavior problems
- **Help human service organizations** to build **high-quality community-wide prevention** into the services they offer

SDRG is largely funded by federal grants and is home to several longitudinal studies broadly focused on testing long-term effects of substance use prevention systems and interventions, and understanding substance use (including e-cigarette use) across adolescence, young adulthood, and extending into middle-age. We are seeking research scientists to help us meet existing study aims, develop new research projects, and write grants. The Research Scientist will work in a collegial setting as a member of the project investigative team, under the supervision of the PI or Project Director. We are a multidisciplinary group who are eager to mentor and support every team member to their full potential. Work at SDRG is focused on reducing health disparities related to prevention and positive youth outcomes. Current and future projects address improving the evidence for risk and protective factors within and among under served and marginalized people. We have and continue to examine and adapt our internal climate and processes to be inclusive and become a more anti-racist organization.

Responsibilities:

- Design and execute analyses of complex and longitudinal data.
- Lead and collaborate on analysis and writing teams in the preparation of peer-reviewed articles.
- Assist with the development and revision of survey instruments.
- Contribute to the conceptualization, development, and preparation of project reports, scholarly publications, presentations, and grant proposals.
- Assist in developing, documenting, and maintaining analysis data sets.
- Present project findings at local and national conferences.

Requirements:

- PhD degree in psychology, biostatistics, epidemiology, social work, sociology, public health or related field.
- Strong analytical background and experience with correlation, regression, and ANOVA procedures; advanced knowledge of longitudinal and epidemiological analysis techniques, such as structural equation modeling (SEM); multilevel modeling (MLM); latent growth-curve modeling (LGM); multiple imputation (MI), and latent transition analysis (LTA).
- Thorough knowledge of SPSS and experience using R, SAS, MPlus, or other statistical software.
- Knowledge of relevant substantive research areas, such as substance use, risk and protective factors, preventive intervention, tobacco or e-cigarette use, problem behavior and human development.
- Experience working on collaborative research teams.
- Demonstrated ability to write for publication in peer-reviewed, scientific journals.

Desired:

- Experience analyzing longitudinal datasets.

- Knowledge of preventive interventions that promote positive development among young people.
- Knowledge of prevention science, and epidemiological and etiological research on substance use and other behavioral health issues in youth and young adults.