

### **Biostatistician - Substance Abuse Research (Penn State)**

The Substance Abuse Research Team within the College of Nursing is seeking an experienced team player to serve as a Biostatistician on funded projects. This position provides an excellent opportunity to expand research skills and work with an investigator studying substance use policy, health disparities, health services, health behaviors, and other related research.

#### **Responsibilities**

Successful candidates will be independent self-starters, willing to learn new research techniques, have excellent communication and organizational skills, work well with a team, and ability to multi-task and work on multiple projects simultaneously. The Biostatistician will work closely with the Principal Investigator (PI) and multiple research team members. Responsibilities include:

- Overseeing and conducting statistical analyses, including descriptive statistics, sample comparisons, regression analyses, longitudinal analyses, survival analyses, mixed-effect models, and multivariable analyses
- Data curation and assisting with study design development and other research as needed
- Assisting with research proposals, grants, manuscripts, and presentation materials
- Making recommendations to the Principal Investigator (PI) regarding preferred analyses and research methods for proposed projects
- Presenting analysis results, including tables and figures, and provide a written description of methods and statistical analyses used
- Reviewing statistical outputs for consistency and quality

#### **Qualifications**

Typically requires a Bachelor's Degree or higher plus four years of related experience, or an equivalent combination of education and experience. Candidates with a Master's Degree or a PhD are strongly preferred.

The ideal candidate will have excellent written and verbal communication skills, be highly organized, possess the ability to learn and navigate new research quickly, and enjoy taking on new challenges. This position requires advanced knowledge and experience with standard statistical analysis procedures with a degree in statistics, biostatistics, or a related field, and demonstrated knowledge of at least one statistical programming language such as Stata, SAS, and R. Experience with Microsoft Office (Word, Excel, PowerPoint); An ability to work on several projects simultaneously and manage deadlines, and excellent communication skills, including the ability to explain statistical techniques and present results clearly. Experience with creating publication-quality graphs, figures, and infographics preferred.

#### **Application**

Review of applications will continue until a suitable candidate is identified. Candidates will need to upload a cover letter and resume or CV and provide three references.

This is a limited-term appointment funded for three years from the date of hire with an excellent possibility of re-funding.

The Pennsylvania State University is committed to and accountable for advancing diversity, equity, and inclusion in all of its forms. We embrace individual uniqueness, foster a culture of inclusive excellence that supports both broad and specific diversity initiatives, leverage the educational and institutional benefits of diversity, and engage all individuals to help them thrive. We value inclusive excellence as a core strength and an essential element of our public service mission.

**Apply here:**

[https://psu.wd1.myworkdayjobs.com/PSU\\_Academic/job/University-Park-Campus/Biostatistician---Substance-Abuse-Research\\_REQ\\_0000033066-2](https://psu.wd1.myworkdayjobs.com/PSU_Academic/job/University-Park-Campus/Biostatistician---Substance-Abuse-Research_REQ_0000033066-2)

To review the Annual Security Report which contains information about crime statistics and other safety and security matters and policies, please go to <https://police.psu.edu/annual-security-reports>, which will also explain how to request a paper copy of the Annual Security Report.

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