

Statistician

Insight Policy Research, a dynamic, small research and evaluation organization, seeks applicants for the position of researcher statistician with skills in quantitative and/or qualitative research methods. For 20 years, Insight has provided high-quality, nationally recognized research and evaluation services to government, philanthropic, and nonprofit clients. Our focus is on issues affecting at-risk and vulnerable populations. Key practice areas include food and nutrition, family support, health, education, and workforce development. Insight's innovative Data and Improvement group helps integrate research with data science and process improvement methods.

Headquartered in Arlington, Virginia, we offer outstanding potential for growth, competitive salaries, and comprehensive benefits in a collegial, family-friendly environment. For more information on the type of work we conduct and our corporate culture, please visit our website: www.insightpolicyresearch.com.

Position Summary

The successful candidate will use rigorous statistical methods to answer pressing questions for our government, philanthropic, and nonprofit clients. The statistician will support projects across multiple practice areas. Essential functions include the following:

- ▶ Designing and executing multivariate statistical analyses
- ▶ Designing and executing variance estimation, sample weighting, and imputation
- ▶ Providing specifications and guidance to programmers
- ▶ Conducting quality assurance reviews of statistical methods
- ▶ Communicating directly with clients and external collaborators
- ▶ Authoring reports, proposals, briefings, and other deliverables
- ▶ Presenting results at conferences and to clients.

The statistician will work as part of interdisciplinary teams and receive mentoring on statistical methods, project leadership, and quality assurance.

Education

- ▶ Ph.D. or master's degree plus 3 years' experience in statistics, data science, or mathematics

Qualifications

- ▶ Exceptional skills in applied multivariate statistical modelling
- ▶ Knowledge of variance estimation, sampling, sample weighting, imputation, and disclosure risk
- ▶ Knowledge of Bayesian statistical methods for prediction, small area estimation, and program evaluation
- ▶ Experience with nonparametric supervised machine learning approaches a plus
- ▶ Experience with R, SAS, Python, and/or Stata
- ▶ Strong writing skills with the ability to communicate clearly and succinctly, including experience communicating statistical methods and research findings to nontechnical audiences

- ▶ Strong organizational skills with demonstrated ability to conduct multiple tasks with competing timelines and ensure tasks/projects are completed on time
- ▶ Ability to work both independently and as part of a team

Contact

EEO: All candidates will be considered without regard to race, color, religion, sexual orientation, national origin, age, disability, or genetic information.

Contact: No phone calls, please. Send resume/CV, cover letter, and writing sample via email to—

Scott Cody
Senior Vice President
Email: scody@insightpolicyresearch.com
Insight Policy Research, Inc.
1901 North Moore Street, Suite 1100
Arlington, VA 22209