Company information

Professional Data Analysts, Inc. (PDA) is an independent evaluation and statistical consulting firm specializing in the fields of public health and the behavioral and medical sciences. We are recognized as a national expert in evaluating state-level tobacco control programs. We are a small firm with approximately 20 staff members and are located in St. Anthony Main adjacent to downtown Minneapolis. Learn more about our company, team, and sustainable business practices on our website, www.PDAstats.com.

Job description

PDA is currently seeking a Senior Statistician to work on both evaluation and statistical projects. Recent projects at PDA relevant to this position include:

- Outcome study evaluating a statewide tobacco control program: create sampling plan, conduct sampling, weight survey data, conduct descriptive analyses, use logistic regression to model quit success, and interpret results for a presentation and report.
- County corrections department risk assessment instruments: literature review, norm an instrument to a specific population using recidivism data, create a shortened form of instrument for screening, present results to client.
- Investigate usability of a non-probability web panel for use in a media evaluation: propensity score analysis, survey weighting.

The successful candidate should possess a master’s degree in statistics or a related discipline. This candidate will work on a team with other PDA analysts and statisticians. Strong quantitative, writing, and communication skills are essential. This is a full-time position (32 to 40 hours per week).

Specific responsibilities

- Conduct a wide variety of analyses using both primary and secondary data
- Collaborate with principal investigators in developing sampling strategies and study designs
- Prepare methods sections of research and evaluation reports
- Explain methods and findings to non-technical and technical research team members and clients
- Provide ad hoc statistical and data management support to projects

Qualifications

- Master’s in statistics, biostatistics, or related discipline
• 4+ years of experience conducting analyses outside of graduate school
• Experience in statistical programming using SPSS, R, SAS, or Stata
• Ability to perform statistical tests, data analysis, & modeling
• Ability to interpret and communicate statistical results to a variety of audiences
• Leadership, project management, teamwork, and interpersonal skills.

Desired skills

• Background in public health or health field
• Experience with program evaluation projects
• Technical expertise and knowledge of database structure, SQL, and programming
• Published in peer-reviewed journal or experience presenting at conferences

Application instructions

PDA offers a competitive benefits package and is an equal opportunity and affirmative action employer. To apply, please submit your cover letter, graduate transcripts, and resume to Jobs@Pdastats.com. Only inquiries submitted through the above email address will be reviewed. Please do not call our office about this job.

It is the policy of Professional Data Analysts, Inc. to ensure equal employment opportunity in accordance with all applicable federal regulations and guidelines. Employment discrimination against employees and applicants due to race, color, religion, sex (including sexual harassment), national origin, disability, age (40 years old or more), military status, or veteran status is illegal. It is the policy of Professional Data Analysts, Inc. to prohibit employment discrimination under any consideration prohibited under applicable federal, state or local law or any other factor determined to be an unlawful basis for such decisions by federal, state, or local statutes.