Research Associate/Data Analyst IV

Posting Details

Posting Number      SF01187
Job Title           Research Associate/Data Analyst IV
Position Number     106766
FTE                 1.00
FLSA                Exempt
Position Type       Professional Staff
Union               PSA/NEA - Professional Staff Assoc
Pay Grade Level     13
Pay Grade Range     Expected Hiring Range - $65,000 to $85,000
Status              Calendar Year, Full-time, Limited
Department          Pharmacy Practice
Contact(s)          Please note: Job applications must be submitted directly online only at: (https://jobs.uri.edu)
Contact Phone/Extension
Contact Email
Physical Demands
Campus Location     Kingston
Grant Funded        No
Extension Contingency Notes
Notes

Application Deadline: The search will remain open until the position has been filled. First consideration will be given to applications received by December 29, 2021. Second consideration may be given to applications received by January 29, 2022. Applications received subsequent to second consideration date (January 29, 2022) may not be given full consideration.

Basic Function:

Work under the direction of faculty investigators to program and analyze data for the evaluation of causal effects in network-based studies of HIV prevention among people who use drugs. Assist in developing and implementing new methods at the intersection of causal inference and network science, performing analyses of network and clustered studies, writing project reports, and presenting results to the study team and external collaborators. Liaise with team members and collaborators and have project related responsibilities across multiple study data bases.

Duties and ESSENTIAL DUTIES AND RESPONSIBILITIES:
Responsibilities

Assist with the coding and implementation of methods developed in the project and the development of user-friendly software and documentation for the approaches, including web-based applications.

Research literature about spillover effects in intervention studies among people who use drugs.

Analyze data sets with network features and clustering using R software, and quantify and interpret results from different statistical methods, including generalized linear mixed models and generalized estimating equations.

Report and present study findings.

Support the team in organizing trainings and workshops to disseminate project methods.

Develop and disseminate public versions of the study data sets used in this project, when appropriate and permitted by the collaborating study teams.

OTHER DUTIES AND RESPONSIBILITIES:

Maintain the team website on the URI server and deploy web-based applications for the project methods.

Utilize project management software in working with project team members to organize progress on project objectives.

Organize team meetings and prepare meeting minutes for review by the PI and team.

Perform other duties, as assigned.

LICENSES, TOOLS AND EQUIPMENT:

Personal computers, server computers, printers; LaTeX, word processing, PowerPoint, Excel, database management, SAS, and R or Python.

Required Qualifications

REQUIRED:

1. Master’s degree in biostatistics, statistics with a health focus, data science with a health focus, epidemiology, population-based health research, social science research with a health focus, or related field.

2. Minimum of four years of research experience.

3. Demonstrated experience in the use of R, SAS, or other statistical software.

4. Demonstrated presentation skills.

5. Demonstrated ability to multitask in a fast-paced environment.

6. Demonstrated organizational and prioritization skills.

7. Demonstrated ability to work both as part of a team and independently.

8. Demonstrated strong interpersonal and verbal communication skills.

9. Demonstrated proficiency in written communication skills.

10. Demonstrated ability to write effectively in scientific formats.

11. Demonstrated ability to work with diverse groups/populations.

Preferred Qualifications

PREFERRED:

1. Minimum four years of research experience in public health, population-based health research, and/or social science research with a health focus.

2. Demonstrated experience performing data analyses and software/program development.

3. Demonstrated experience in the use of Python statistical software.

4. Demonstrated familiarity with causal inference, network science, substance use research, or HIV research.
ALL REQUIREMENTS ARE SUBJECT TO POSSIBLE MODIFICATION TO REASONABLY ACCOMMODATE INDIVIDUALS WITH DISABILITIES.

Environmental Conditions
This position is not substantially exposed to adverse environmental conditions.

Posting Date
11/29/2021

Closing Date

Special Instructions to Applicants
Please attach the following 3 (PDF) documents to your online Employment Application:
(#1) Cover letter.
(#2) Resume.
(#3) “Other Document-References” – the names and contact information of three professional references (pdf doc).

Quicklink for Posting
https://jobs.uri.edu/postings/9041

Applicant Documents

Required Documents
1. Cover Letter/Letter of Application
2. Resume
3. Other Document - References

Optional Documents

Supplemental Questions

Required fields are indicated with an asterisk (*).

1. * Do you have Master’s degree in biostatistics, statistics with a health focus, data science with a health focus, epidemiology, population-based health research, social science research with a health focus, or related field?
   - Yes
   - No

2. * Do you have a minimum of four years of research experience?
   - Yes
   - No

3. * Do you have demonstrated experience in the use of R, SAS, or other statistical software?
   - Yes
   - No

4. * Do you have demonstrated presentation skills?
   - Yes
   - No

5. * Do you have demonstrated ability to multitask in a fast-paced environment?
   - Yes
   - No

6. * Do you have demonstrated organizational and prioritization skills?
   - Yes
7. * Do you have demonstrated ability to work both as part of a team and independently?
   - Yes
   - No

8. * Do you have demonstrated strong interpersonal and verbal communication skills?
   - Yes
   - No

9. * Do you have demonstrated proficiency in written communication skills?
   - Yes
   - No

10. * Do you have demonstrated ability to write effectively in scientific formats?
    - Yes
    - No

11. * Do you have demonstrated ability to work with diverse groups/populations?
    - Yes
    - No

12. How did you hear about this employment opportunity?
    - Public Job Posting
    - Internal Job Posting
    - Agency Referral
    - Advertisement/Publication
    - Personal Referral
    - Website
    - Other