

DSHS FFA Senior Statistical Programmer

SALARY: \$6,785.00 - \$8,902.00 Monthly
\$81,420.00 - \$106,824.00 Annually

OPENING DATE: 06/10/21

CLOSING DATE: 07/11/21 11:59 PM

DESCRIPTION:

Bring your analytical and critical thinking skills to work in a job that matters. This opportunity is part of our [Research and Data Analysis](#) (RDA) team within the Department of Social and Health Services. RDA is a national leader in the use of administrative data to address health and human services programs and policy questions. RDA consists of a team of over 100 professionals including Ph.D. researchers with backgrounds in economics, sociology, psychology, health services, geography, statistics, and related fields; IT professionals with analytical programming, database management, and sophisticated data analysis expertise; as well as staff providing data visualization, publication support, web hosting and other support functions for this large research enterprise.

RDA provides a unique work environment for pursuing health and human services research and evaluation work that directly influences policy. RDA is seeking a **Senior Statistical Programmer** with advanced-level skills in SAS and R programming, statistical, and database management experience. You will become a subject-matter data expert on a variety of social/health service programs involving data systems including, but not limited to the Behavioral Health Service Summary, Integrated Client Databases, Client Services Database, and Provider One Data System. You will understand how these systems and data connect, and ensure that the state meets the data needs of program administrators, state legislature, and other stakeholders. You will be part of the team responsible for complex, multi-source data processing and reporting to support program operations, monitoring, accountability, and evaluation.

Some of what you'll do:

- Work in a multi-disciplinary team to design and conduct statistical analyses using data incorporated from multiple cross-agency data sources.
- Create complex analytic datasets and tables including advanced measurement and longitudinal concepts, using expert technical knowledge and advanced analytic skills.
- Design data collection instruments, evaluation databases, and analytic applications for ongoing program monitoring and evaluations.
- Monitor developments and changes in data systems and implement continuous quality improvement.
- Complete statistical analyses, as needed, to assist executive leadership and oversight groups in determining policies/program development.
- Respond to quick turnaround data requests, ongoing verification, maintenance, and improvement of data used for reporting and evaluation.
- Monitor developments and changes in data systems and implement continuous quality improvement.
- Use expertise and analysis skills to assist other researchers and IT professionals in solving technical problems.
- Consult across DSHS, provide technical training to DSHS staff across programs, and provide technical assistance to program managers in the interpretation of data.

If this sounds like you, we encourage you to apply! Come join our team in [Transforming Lives!](#)

Who should apply?

- A Master's degree in statistics, social studies, computer science, or a related field AND 3 years of progressively more responsible experience with large, complex administrative databases

OR

- A Bachelor's degree including 9 semester or 15 quarter hours of courses in statistics, social studies, computer science, or a related field AND 5 years of progressively more responsible experience with large, complex administrative databases

AND (may be concurrent)

- Five years of work experience managing, programming, and analyzing data for research and evaluation purposes using SAS. Including substantial experience with complex statistical methods, longitudinal data analysis, data mining, logic modeling, and case mix adjustment. This experience may be concurrent with the above requirements
- Four years or more experience performing quantitative data analyses and database administration using complex administrative data systems, preferably in a health or human service area.
- An advanced degree (master's or Ph.D.) in a relevant quantitative data analysis field may be substituted for two years of experience. This experience may be concurrent with the above-listed experience.

Desired:

- Master's degree or higher in a quantitative field
- Experience or proficiency with SQL
- **To be considered for this opportunity please include the following:**
 - Current chronological resume
 - Cover letter explaining your skills and experience as they relate to this opportunity
 - Three professional references with current contact information

Questions about this opportunity? Please contact fred.melvin@dshs.wa.gov and reference job number 04719.

DUTIES:

QUALIFICATIONS:

SUPPLEMENTAL INFORMATION:

Prior to a new hire, a background check including criminal record history may be conducted. Information from the background check will not necessarily preclude employment but will be considered in determining the applicant's suitability and competence to perform in the job. This announcement may be used to fill multiple vacancies. Employees driving on state business must have a valid driver's license. Employees driving a privately owned vehicle on state business must have liability insurance on the privately owned vehicle.

Washington State Department of Social and Health Services is an equal opportunity employer and does not discriminate in any area of employment, its programs or services on the basis of age, sex, sexual orientation, gender, gender identity/expression, marital status, race, creed, color, national origin, religion or beliefs, political affiliation, military status, honorably discharged veteran, Vietnam Era, recently separated or other protected veteran status, the presence of any sensory, mental, physical disability or the use of a trained dog guide or service animal by a person with a disability, equal pay or genetic information. Persons requiring accommodation in the application process or this job announcement in an alternative format may contact the Recruiter at (360) 725-5810. Applicants who are deaf or hard of hearing may call through Washington Relay Service by dialing 7-1-1 or 1-800-833-6384.



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