State of Washington  
Dept. of Social and Health Services 
invites applications for the position of: 

**DSHS Statistical Programmer for CORE Research Data System**

**SALARY:** $69,648.00 - $93,612.00 Annually

**OPENING DATE:** 06/06/17

**CLOSING DATE:** 06/20/17 11:59 PM

**DESCRIPTION:**

**Statistical Programmer for CORE Research Data System**

The Department of Social and Health Services (DSHS), Research and Data Analysis Division (RDA) has a permanent opening for a highly motivated and qualified Database Administrator/Architect (ITS/AS6) with experience and interest in public health, epidemiology, social geography, human services, or related fields.

You will be the highest level technical authority for RDA on community needs assessment data which enable community-specific approaches to planning and delivery of behavioral health and other human services. You will provide technical and organizational leadership on the conceptualization, design, development, and enhancement of the Community Outcome and Risk Evaluation (CORE) information system, a statewide analytical dataset used by DSHS and partner agencies. RDA is a recognized leader in the use of complex cross-system databases for policy-relevant research and program evaluation; you will work in the Program Research and Evaluation Section (PRES) of RDA.

**About RDA**

- Centrally positioned within DSHS to provide data, analytics, and decision support tools to improve the delivery of services to transform lives.
- Provides policy makers and program managers with relevant data, analyses, and information to support innovations that improve the effectiveness of services for clients.
- Provides DSHS program staff and contracted service providers with access to data-driven decision support applications to improve decisions about client care.
- A national leader in the use of administrative data for policy-relevant research and performance measurement.

**You will have the opportunity to:**

- Independently design, develop, and manage CORE - a highly complex analytical database drawing from over 50 different source systems.
- Independently set standards, develop requirements, design and test complex applications, manage processes, provide quality assurance and complete analyses using these data.
- Plan, design, and implement cutting-edge approaches to information dissemination.
- Serve as an authority for the creation and development of this integrated dataset and associated analytical tables for use in research and evaluation.
- Conduct sophisticated statistical analyses to support CORE development and high priority research and program evaluations pertaining to DSHS and partner agencies.
- Represent DSHS with external agencies in negotiating new and changing data sources.
What we're looking for
If you have a high degree of expertise and extensive experience in

- gathering user and business requirements
- managing complex databases using SAS
- the application of database design principles
- advanced analytical and/or statistical programming

we encourage you to apply!

Required Education, Experience, and Competencies:

- A Bachelor's degree in computer science, mathematics, statistics, or a related field and five years of progressively more responsible consultative, administrative or supervisory experience in information technology including programming, data management, and data analysis
- OR a Master's degree (MA/MS) in computer science, mathematics, statistics, or a related field and four years of progressively more responsible consultative, administrative or supervisory experience in information technology including programming, data management, and data analysis
- OR Eight years of progressively more responsible consultative, administrative or supervisory experience in information technology including programming, data management, and data analysis

AND

- Three years of experience using SAS Version 9 or higher for programming, data management, data analysis and report production
- Advanced skills using Visual Basic macros in Excel
- Experience using Microsoft Access database software
- Excellent written and verbal communication skills

Preferred Education and Experience include:

- A Master's degree (MA/MS) or higher in computer science, mathematics, social sciences, statistics, epidemiology, public health, geography, or a related field
- Proven capacity for innovative technological solutions
- Documented expertise in database design and data integration
- Three years of experience using ArcGIS or other Geographic Information System applications
- Python and SQL programming skills
- Excellent communication skills
- Two years of experience with social and health service data or other large administrative databases
- Experience with Tableau or similar interactive query tool/business intelligence expertise
- Two years working in substance abuse prevention planning

In addition to the state application, applicants must provide a résumé or curriculum vitae, a cover letter describing applicant's interest and ability to perform position duties, and contact information for three references.

Applications may be reviewed on an on-going basis and a hiring selection may be made at any time. It is in the best interest of the applicant to apply as soon as possible.
SUPPLEMENTAL INFORMATION:
Some jobs may require full criminal background check. 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 & Health Services is an equal opportunity employer and does not discriminate 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.

DSHS Statistical Programmer for CORE Research Data System Supplemental Questionnaire

* 1. Classified as an Information Technology Specialist/Application Specialist 6 (ITS/AS6), this job is overtime exempt. The information provided in my "work experience" section of my application must support my selected answers in this supplemental questionnaire. All answers are verified and documentation may be required by the interview team. I understand that responses not supported in my application will disqualify me for consideration of employment from this requisition. As a reminder, the hiring manager has asked for a resume, cover letter, and 3 references to be included with your on-line application.

☐ Yes  ☐ No

* 2. Do you meet any of these education and experience combinations? • A bachelor's degree in computer science, mathematics, statistics, or a related field And five years of progressively more responsible consultative, administrative or supervisory experience in information technology including programming, data management, and data analysis Or • A master's degree (MA/MS) in computer science, mathematics, statistics, or a related field and four years of progressively more responsible consultative, administrative or supervisory experience in information technology including programming, data management, and data analysis . Or • Eight years of progressively more responsible consultative, administrative or supervisory experience in information technology including programming, data management, and data analysis.

☐ Yes, I fit the experience/education as described.
☐ No I do not have the IT experience as described above.

* 3. If selected for an interview, I understand that I must provide proof of my highest level of education completed at that time. Failure to do so will result in my disqualification from consideration. This position requires a degree from an accredited institution whose accreditation is recognized by the U.S. Department of Education or the Council for Higher
Education Accreditation (CHEA), or a foreign equivalent. If equivalent is the case, you MUST attach your U.S. credential evaluation (one source for credential evaluation information can be found at: http://www.naces.org/members.html).

☐ Yes  ☐ No

* 4. Do you have at least three years of experience using SAS Version 9 or higher for programming, data management, data analysis and report production?

☐ Yes  ☐ No

* 5. Which one of the following best describes your familiarity with SQL?

☐ Willing (Little or no experience or training regarding this competency, but interested and willing to learn.)
☐ Developing (Developing knowledge and skills regarding this competency through completion of an employer-sponsored training or higher education program, and through at least 6 months to 2 years of experience applying this competency in the workplace.)
☐ Skilled (Successfully and regularly apply this competency in the workplace. Recognized by others as demonstrating exceptional knowledge and skills regarding this competency. Generally, this is achieved through 2-4 years of experience.)
☐ Expert (Application of this competency is polished to excellence and is extensive in nature. Recognized by others as demonstrating exceptional knowledge and skills regarding this competency. Generally, this is achieved through more than 5 years of experience.)

* 6. Which one of the following best describes your experience using Visual Basic macros in Excel?

☐ Willing (Little or no experience or training regarding this competency, but interested and willing to learn.)
☐ Developing (Developing knowledge and skills regarding this competency through completion of an employer-sponsored training or higher education program, and through at least 6 months to 2 years of experience applying this competency in the workplace.)
☐ Skilled (Successfully and regularly apply this competency in the workplace. Recognized by others as demonstrating exceptional knowledge and skills regarding this competency. Generally, this is achieved through 2-4 years of experience.)
☐ Expert (Application of this competency is polished to excellence and is extensive in nature. Recognized by others as demonstrating exceptional knowledge and skills regarding this competency. Generally, this is achieved through more than 5 years of experience.)

* 7. Do you have experience working with large administrative databases or survey data?

☐ Yes  ☐ No

8. How did you hear about us?

* Required Question