Market Title/Job Code: Research Computer Specialist (Market Title # 102902)
Working Title: Health Data Analyst
Department: School of Nursing (UMSN), Department of Systems, Populations and Leadership
FLSA: Exempt
Hours: Shift/Hours/Days: 8:00 a.m. - 5:00 p.m., Monday through Friday; may include some occasional weekend and/or evening hours.
Salary Range: Salary is commensurate based on the qualifications and experience of the selected candidate. We encourage all interested parties meeting requirements to apply.
Posting begins: 9/19/2018
Posting ends: 10/3/2018

Job openings are posted for a minimum of seven calendar days. This job may be removed from posting boards and filled any time after the minimum posting period has ended.

A cover letter is required for consideration of this position and is to be attached as the first page of your resume, and should specifically describe your past experience as a data analyst and also include an example of one research publication for which you performed the data management or analysis. Please be prepared to provide programming code samples, if requested. Also, you will be asked to complete a data management task to demonstrate competency.

The School of Nursing seeks to recruit and retain a diverse workforce as a reflection of our commitment to serve the diverse people of Michigan that extends world-wide, to fulfill the School’s strategic plan, and to sustain the excellence of the School of Nursing.

To learn more about diversity, equity, and inclusion visit: http://nursing.umich.edu/diversity/dei-faculty-and-staff.

Please visit http://www.nursing.umich.edu/ for more information about the School.

BASIC FUNCTION AND RESPONSIBILITY
The University of Michigan, School of Nursing (UMSN) is seeking a highly motivated individual to support our research team as a Data Analyst. This individual will take the lead on management, processing and interrogation of large datasets such as health, biosocial, and economic data using a variety of statistical software packages such as SAS or Stata. Essential duties include using SAS/Stata or other relevant software to create analytic files by merging multiple large databases, formatting, recoding and sub setting data as needed. Experience in SQL is also desired.

CHARACTERISTIC DUTIES AND RESPONSIBILITIES

*Create, manage, manipulate and analyze large health data using statistical software.

*Develop an analytic plan for specified research questions and aims.

*Write the data analytic methods sections for grant proposals and manuscripts.

*Participate in preparing publications and grant applications.

The above statements are intended to describe the general nature and level of work to be performed and are not an exhaustive list of all associated responsibilities.

SUPERVISION RECEIVED
Supervision is received from the Director of the School of Nursing Data Management Core.
NECESSARY QUALIFICATIONS

Education and Experience:
*A Master’s degree in applied mathematics, statistics, health informatics, applied economics or related field; higher – level degree preferred.*
*Minimum of two (2) years of programming, data management and/or analytics experience.*
*Candidate must have excellent communication skills, with the ability to receive and convey information clearly and concisely for various mediums. You will be expected to have solid interpersonal and organizational skills, and the ability to work effectively with diverse groups.*
*Demonstrated expertise in managing large and complex datasets.*
*Demonstrated experience in using statistical packages like SAS and Stata to manage data.*
*Direct experience with managing and analyzing healthcare data.*
*Knowledge of RDBMS/SQL relational databases as well as non-relational databases.*
*Knowledge of other statistical software packages such as R.*
*Experience with national health survey data and complex survey design methods.*
*Excellent computer skills, including expert knowledge of Microsoft Office products including Word, Excel, Outlook, Access and PowerPoint.*

Attributes:
*Ability to manage multiple activities in a deadline-oriented environment; highly organized, flexible and rigorous attention to detail.*
*Ability to take a leadership role on projects and with users/clients.*
*Excellent problem solving capability; exceptional critical thinking, analytical and research skills.*
*Able to work independently with minimal supervision and maximum collaboration in a team environment.*