At UConn Health's Center on Aging, this position independently manages, oversees and helps grow data management and analysis efforts to ongoing clinical, translational and population based health research efforts.

SUPERVISION RECEIVED:
Works under limited supervision of Faculty Principal Investigators as well as designated Faculty member responsible for overseeing all work conducted by the Clinical Data and Geriatrics Outcomes Research Core.

SUPERVISION EXERCISED:
Supervise/lead staff assigned to data management projects.

MINIMUM QUALIFICATIONS REQUIRED
KNOWLEDGE, SKILL AND ABILITY:
Working knowledge of the principles of database construction, management, and retrieval methods; knowledge of structured programming, testing and debugging techniques; understanding of the principles of and techniques of data modeling with experience with data modeling tools; solid understanding of statistical analysis; knowledge of Federal and State laws, regulations and guidelines that governs healthcare and information technology, specifically those on security and privacy for data that includes protected health information [PHI] and personally identifiable information [PI]. Knowledge of measures used in research with geriatric population, including survey based and physical performance measures. Working knowledge of genomic, epigenetic and/or biomarker sets. Proficient [advanced level] with Microsoft applications, including SSRS reporting tool; and structured query language [SQL]; ability to use statistical packages SAS, SPSS and R; project management skills; critical thinking skills; excellent analytical skills both quantitative and qualitative; good problem solving skills; ability to learn other software applications as required; ability to analyze operational data systems requirement and develop databases specific to requirement; ability to think logically; ability to manipulate large data sets from various electronic format, importing and exporting data across various format; ability to work with all levels of staff internal and external to the institution; ability to resolve data input, storage and/or retrieval issues and to design solutions and modifications; ability to communicate effectively, both verbally and written; demonstrated ability to supervise staff.
EXPERIENCE AND TRAINING:
General Experience:
Bachelor’s degree in bioinformatics, mathematics, statistics or closely related field. Four (4) years responsible research experience within clinical science and/or basic science health related research in healthcare or academic based research environment. Demonstrated applicable research data management experience. Demonstrated experience in the use of computer systems and statistical packages and programs and experience with quantitative data analysis at an advanced level. Demonstrated advanced skills and experience working with software package used to capture, manipulate and integrate research data including Microsoft Access, Excel and REDCap and SQL programming.

EXAMPLES OF DUTIES:
Manages the Clinical Data and Geriatrics Outcomes Research Core at the UConn Health Center on Aging. Designs, develops and maintains databases for various research projects/programs; consults as needed across the research community in database development and management as needed; coordinates and conducts project briefing with staff; provides on-going technical support; manages updates/ modification/enhancements to database as needed; develops and conducts staff training on databases and tracking tools; designs, creates and updates database user’s manuals; designs, and edits electronic data input forms, inputting and manipulating data using relational databases, importing and exporting data files across numerous formats [Excel, Access, DBF, CSV, SSPS, SAS]; accesses links and manipulates large data sets including insurance claims data such as Medicare and Medicaid and electronic health records. Maintains quality control of data; performs statistical analyses using software packages; prepares summaries, tables and charts for reports to present findings in publications and/or presentations to other health care professional or the public; presents and reports findings to key stakeholders; assists in the evaluation of system hardware/software problems; provides input to performance evaluations for staff assigned to data management within programs/projects; assist in the defining data management policies and procedures including data security procedures in conjunction with UConn Health IT Department; maintains knowledge current with respect to relevant technology for research analyses; performs related duties as required.

WORKING CONDITIONS
May be required to travel. The work environment is a typical office environment with minimal exposure to excessive noise or adverse environmental issues.

Schedule: 40 hours per week, Monday - Friday, 8:30am-5:00pm with a 30-minute unpaid meal break

Full Time Equivalent Minimum Salary: $65,811.00