Health Informatics and Information Management Career Pathways

Health informatics and information management (HiIM) is a multi-disciplinary program offered by the Haworth College of Business and the College of Health and Human Services. According to the American Health Information Management Association, job openings for HiIM majors have doubled in the past two years and remain on the rise.

Health Care Data Analysis

- Collect, manage and analyze large clinical data sets for quality initiatives, accreditation efforts, regulatory mandates, new business opportunities, etc.
- Identify areas for improvement and recommend solutions for workflow changes, care delivery and decisions, new product initiatives, changes to policies and procedures, training needs, etc.
- Create reports/presentations for technical and non-technical staff in the areas of electronic health records (EHR), managed care claims, billing, reimbursement, scheduling, etc.
- Interact with internal departments, regulatory agencies contracting agencies, or other external organizations when researching, developing and completing projects

Job Titles: Health Care Business Analyst, Health Care Data Analyst

Clinical Information Systems Implementation and Training

- Develop and deliver Health Information Technology (HIT) training programs for clinicians and support staff in hospital and clinics
- Communicate HIT/EHR changes or issues with clinicians and support staff; trouble-shoot problems and escalate to IT help desk when necessary
- Utilize knowledge of electronic medical records (EMR), clinical processes and care delivery systems to review HIT/EHR workflows and recommend improvements as needed
- Support and maximize the clinical use of EMR and other clinical systems by coordinating and facilitating system standards, change management, education and non-technical processes
- Collaborate with cross-functional teams to resolve issues and measure system efficacy and efficiency

Job Titles: Clinical Education Specialist, Credentialed Trainer Specialist, Clinical Trainer, EHR Trainer, Clinical Informatics Specialist, Clinical Applications Specialist/Manager

Health Information Technology Development

- Develop and implement customized HIT systems that result in cost savings and performance/process improvements
- Design, configure and test new applications prior to implementation to validate usability and efficacy
- Maintain EHR application and other clinical information systems including implementation, migration, maintenance and upgrade management
- Provide support for Health Information Exchange (HIE) including the creation of a technology strategy, tool selection and architecture design
- Track, monitor and close user requests that have been escalated from the IT help desk

Job Titles: EMR/HIT Project Manager, EMR/HIT Systems Manager, EMR/EHR Services Director

Health Care Information Networking and Management

- Understand government regulatory requirements including HIPAA, HITECH Acts and HL-7 relating to privacy, security and confidentiality to health care applications and operations
- Implement and maintain physical and network security, user-based access controls, encryption and storage of data in multiple formats, and policy development
- Perform privacy investigations in response to issues or reports of unauthorized access to electronic patient information

Job Titles: HIT Systems Specialist, HIT Services Administrator, HIT Security Specialist, HIT Privacy and Security Specialist, HIT Network Architect