

CLIENT OVERVIEW

This Chicagoland based client is a one of the top ranked hospital systems in the nation. They are know for compassionate providers who deliver outstanding and innovative care to the patients they serve. They also possess a strong academic culture that produces pioneering healthcare services.

POSITION SUMMARY

Leads executes complex analyses across the enterprise using primary and secondary data. Helps business better understand the value of advanced analytics and predictive modeling in contrast to descriptive reporting. Interprets results to help end users extract value from analyses more efficiently. Routinely sees opportunities for analyses to provide value and takes initiative to meet those needs with creative analyses. Designs and executes advanced analytics in applications including program outcome evaluations, leakage analyses, strategic growth opportunity analyses, risk adjustment methods, severity adjustment methods, provider performance measurement, forecasting, contract analyses, optimal pricing, patient surveillance, and other business applications that require advanced analytics. Communicates the meaning of analytical results effectively to audiences with varying technical backgrounds. Supervises analytical staff as needed. The incumbent must also exemplify the organization's mission, vision and values and act in accordance with policies and procedures.

ESSENTIAL DUTIES

- Allocates staff assignments across multiple projects, providing oral and written instructions and feedback concerning analytical employees' performance.
- The position serves as primary analytics liaison to staff of outside agencies, faculty in multiple departments, clinical staff, executives, and others associated with data intake and analysis.
- Incumbent will be responsible to boundary span and collaborate with senior executives, clinicians, information technology professionals, and other analytically oriented groups both within and outside of the organization.
- Incumbent is responsible for complex study designs and leading staff to deliver results using those designs.
- Contacts may involve highly technical and sensitive information.
- The position develops collaborative relationships to collect and analyze data.
- The position develops research policies and practices in a specialty area such as health care, public health, education, behavioral

science, mental health, or social science. Duties include use of specific statistical analysis software to include SAS and SQL.

- The position requires skill in analyzing healthcare data to include medical and pharmacy claims, electronic medical records and other healthcare data.
- This work meets the FLSA criteria for an Executive exemption by managing a significant program and supervising staff.
- This work is distinguished from a Sr. Social and Behavioral Researcher by its emphasis on complex data manipulation using statistical or analytical software rather than other scientific methods such as searching literature, conducting field interviews, or writing training manuals.
- The work is distinguished from Statistical Data Analysts by setting overall direction of a data analysis group, independently designing innovative advanced analyses, and supervising Statistical Data Analysts.
- Reviews white papers, power points, manuscripts and other communications of team to ensure that they clearly communicate intended messages.
- Actively works to develop cutting-edge technical, methodological and business knowledge, staying up-to-speed with the latest developments in the industry.
- Actively manages a portfolio of analytical projects by having an effective project intake process, communicating project status to stakeholders, prioritizing projects, and declining to pursue lower-value project requests as needed.
- Trains and mentors subordinate analysts/statisticians.

REQUIREMENTS

- Ph.D. in Mathematics or advanced degree in another relevant discipline, strongly preferred.
- Two years of experience with EMR / HER data from a multi-hospital system.
- Five years of experience working with health insurance claims data.
- Expert with ICD 10, CPT, NDC, DRG and other medical and pharmacy codes.

- Near expert with HL7 constructs and data.
- Outstanding English communication skills, both spoken and written.
- A proven track record of publications and conference presentations demonstrating advanced analytical expertise preferred.
- Comfortable with and has a proven track record communicating in different formal and informal settings to include Board Room presentations to business and clinical leadership and informal boundary spanning.
- Self-starter who can work independently and takes initiative.
- Engage professionally and competently with business partners.
- Experienced with predictive modeling, regression techniques, survival analysis, outcomes studies, time series analyses, propensity score matching, SAS coding, SAS STAT, SAS BASE, SQL coding and advanced inferential statistics.
- Two years of experience working on both the health plan/insurance side and the health system/provider side, in order to be able to understand different perspectives in contract negotiations.
- Experience integrating medical claims and EMR data for analytic purposes.
- Experience with value-based care models (e.g., ACOs, bundled payments, capitation, quality bonus programs) is a strong plus, ideally within the Illinois market.
- Experience with Medicare ACOs (e.g., the Medicare Shared Saving program) and large payer ACOs (Cigna, BCBS, etc.) preferred, especially direct experience with what it takes to achieve shared savings in these programs.
- Experience with the provider and health system landscape in Illinois is a strong plus, in order to understand the competitive environment, growth opportunities and leakage risk.
- Knowledge of quality algorithms commonly used on bonus programs (e.g., HEDIS and CMS quality metric algorithms).