Consultant Position: Health Informatics Consultant

The Yale/Yale New Haven Hospital Center for Outcomes Research and Evaluation (CORE) is seeking a Health Informatics (HI) consultant to function in a multidisciplinary team environment, providing health information technology technical and policy support to the Quality Measurement (QM) team at CORE, particularly as it supports the Centers for Medicare & Medicaid Services (CMS) transformation of its quality measurement programs to fully digital quality measures. The HI consultant will support CORE in two main areas: 1) advising clients on the design (and redesign) of technical solutions and policy strategies for digital quality measures, and 2) supporting CORE’s expanded development of digital quality measures (dQMs encompass electronic clinical quality measures (eCQMs) and other electronic data-based measures such as claims-based measures and patient-reported outcome measures).

Key words:
Electronic clinical quality measures (eCQMs)
Centers for Medicare & Medicaid Services (CMS)
Digital measures
Electronic Healthcare Records (EHR)
Patient reported outcome measures (PRO-PMs)
Healthcare data standards (FHIR, HL7, DICOM)
FHIR API
Experience with CMS tools such as Bonnie, MAT and Clinical Quality Language (CQL)

Experience: A minimum of 5 years of experience in the technical and data aspects of quality measurement or clinical support applications closely related to measurement and clinical informatics is required. Previous experience with research informatics or similar field, working with multidisciplinary teams, and leading application development is also required. Experience working in an academic or contract research organization is preferred.

Special Skills: Technical software/platform knowledge of the following is required. Knowledge of application design and architecture, application development, services design, and development in healthcare environments. Additional required special skills include: experience with healthcare data standards (FHIR, HL7, DICOM); experience with use-cases involving EHR data in downstream/value-add applications and good understanding of the challenges and limitations of using real-world clinical data in quality measurement, quality improvement and research; an understanding of FHIR API and app design; and familiarity with eCQM development using CMS tools, including Bonnie and MAT, and with Clinical Quality Language (CQL).

Job type: Part-time, contract. Must be authorized to work in the U.S.

Interested applicants should submit a resume and cover letter to: gloribell.lopez@yale.edu