

The Computer Science Program at CSU Channel Islands presents:

Health IT: Development of a Consumer Health Information Exchange Framework

A talk by

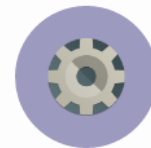
Dr. Nathan Botts

Tuesday, November 8th, 2016, 6pm – 7pm in SIE 1422.

Abstract: Consumer/patient roles are experiencing significant changes within the healthcare domain, where the point of medical diagnoses and medical care are increasingly shifting away from classical care-provider settings to more patient-centered models for healthcare services. This shift in perspective and responsibilities is largely stimulated by a critical mass in personal health information technology (IT) innovation and development, which afford new opportunities in behavioral monitoring, decision support and diagnosis, precision medicine, care communication, and therapeutic methods. This presentation will cover aspects of health IT related policies, organizational changes, personal behaviors, and technical drivers that are converging to usher in a new era of patient empowered healthcare.



Patient Activation



Interoperability



HIT Coordination



PHR Platform

Bio: Dr. Nathan Botts is a senior study director with experience in the design, development, implementation and evaluation of clinical and consumer health informatics. Dr. Botts's work with Westat includes study design, data collection and interoperability analysis across five years of performance evaluation for the Virtual Lifetime Electronic Record (VLER) Health Information Exchange project, sponsored by the U.S. Department of Veterans Affairs. He leads statistical analysis and reporting of VLER Health utilization for the VA and is responsible for the design and development of health information exchange (HIE) visualization dashboards. Dr. Botts has significant health information software and systems development and implementation experience. He was CTO for a personal health record and mobile messaging system implemented within Federally Qualified Health Centers in LA County. He is Co-chair of the HL7 Mobile Health workgroup and project lead for a new HL7 standard called the Mobile Framework for Adoption of Short-Message Technologies (mFHASt). He has been awarded grants for research on mobile health and electronic health record systems by the MDAnderson Cancer Center, the National Science Foundation, the California Healthcare Foundation, and the Blue Shield Foundation.

For more information, contact Brian Thoms.