KAILAH DAVIS

http://phi.health.utah.gov/contact/

Required Skills:

Web Development, Stand Alone App Development, Responsive Web Design, Human Centered Design, Project Management, Communications

Preferred Team Communications:

WEBEX, Skype or Conference call

Data Sources:

Georgia Tech synthetic data will be sufficient for the project.

Other Items:

Project has timezone flexibility. Mentors and students will determine a good time for virtual meeting

PRESCRIPTION DRUG MONITORING DECISION SUPPORT APP

Project Description goes here.

Prescription Drug Monitoring Programs (PDMPs) play a vital role in reducing and preventing prescription drug abuse and drug overdose. When used intelligently and proactively, a PDMP is said to have a measurable effect on the efforts to stem the drug abuse epidemic. As a result, many states have incorporated high-risk alert dashboards into their user interfaces to alert stakeholders about patients who may be engaged in the high-risk use of controlled substances. The success of patient clinical risk indicators currently has a new kind of dashboard emerging among PDMPs—"prescriber report card." This "report card" provides prescriber specific and comparable information to providers to influence their prescribing behavior. Providing a prescriber with relevant and accurate information can positively influence his or her prescribing of controlled substances. As a result, the purpose of this project is to provide prescriber specific and comparable information to prescribers to influence prescribers' prescribing behavior.

PROJECT OBJECTIVES

To create a PDMP prescriber focus tool that provides a summary of a healthcare provider's own prescribing history, including their prescribing behavior relative to that of others in their specialty, and a summary or graphical representation of their prescribing history. In addition, this tool should provide a link to Utah's PDMP site, as well as medical assisted treatment programs (MATs) in a given area.

SUCCESSFUL PROJECT

Prescriber dashboard that contains:

1. The provider's current 6 months average for 1-3 metrics
2. The 6 months average for the provider's specialty for 1-3 metrics
3. Trend line of the prescribers average for the 1-3 metrics
4. Link to Utah's PDMP and MATs