

---

## REV. JOHN ODDEN

---

[john.odden@c4uh.org](mailto:john.odden@c4uh.org)

---

### **Required Skills:**

SMART-on-FHIR deployment

### **Preferred Team**

### **Communications:**

Conference Call, to be discussed

### **Data Sources:**

Nearly all states have a funded (federal and state grants and budgets) PDMP server or system, typically managed by the State Board of Pharmacy. With the C4UH solution available from GitHub, any state can provide a secure, open feed of PDMP data. All Certified EHR systems that provide both user (clinician) context and patient context via FHIR. These are easily translated to pull PDMP results. Keyboard and mouse entry could be applied but should only rarely be a requirement.

### **Other Items:**

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

### **Team Info:**

Needs a Developer, Analyst, Tester, Project Manager, SMART-on-FHIR User Experience / designer would be ideal. Allows two teams of 4-6 members.

**Intellectual Property:** None

---

## SMART-ON-FHIR APP TO PULL PDMP

---

Some states run open source access to per-patient Prescription Drug Monitoring Program (PDMP) results from our prior performance with SAMHSA and MITRE in 2013. Lets create the missing SMART-on-FHIR app so that clinicians in all settings and on all systems can view a patients PDMP status in support of pain management, opioid dispensing compliance - a first step in tackling the opioid crisis.

---

## PROJECT OBJECTIVES

---

- \* Publish SMART-on-FHIR open source model app to be applied by public hospital districts and underserved clinics and providers across the land.
- \* Deliver a compelling high-value patient Rx safety solution, which will help open doors to new generations of SMART-on-FHIR app solutions
- \* Spotlight GA Tech student skill in applying their course learnings at the focus of patient safety and extending the national investment in Certified EHR systems.

---

## SUCCESSFUL PROJECT

---

PDMP access is growing. Even where EHR access may be blocked, legal PDMP reports in PDF document format are easily placed into the local EHR content management system, just like esoteric lab results or nighthawk radiology reports.

---