

WA State Opioid Informatics panel

## **Opioid Informatics: Advancing the Clinical Use of Prescription Drug Monitoring Program in Washington State**

**Bryant T. Karras, MD<sup>1,2</sup>, Sasha De Leon, MA, MA, MSPH, MS<sup>1</sup>,  
Chris Baumgartner, BS<sup>1</sup>, Janet G. Baseman, PhD, MPH<sup>2</sup>, Bill  
Lober MD, MS<sup>2</sup>**

**<sup>1</sup>Washington State Department of Health, Olympia, WA; <sup>2</sup>University of  
Washington, Seattle, WA;**

Washington State is impacted by the opioid crisis. State and federal resources are being marshalled towards a multi-pronged response, and in 2019, the Centers for Medicare and Medicaid Services (CMS) funded a one year initiative to improve the access to state Prescription Monitoring Program (PMP) data to reduce the harm of opioid use. The University of Washington contributes informatics expertise in three areas: assessing and supporting provider use of the PMP, improving the use of PMP data by providers through the use of FHIR and other standards, and contributing to improvements in the usability and infrastructure of the state's opioid dashboard system. Washington has dramatically improved our PMP access rate among large providers in the last 5 years. The greatest increase is due to standards-based API query of the PMP via the state-wide HIE. Small and medium sized providers still have barriers to access. This panel will discuss how Washington is addressing this gap and leading the nation in development of dashboard measures that can be used to track progress in addressing the crisis (<http://www.breecollaborative.org/topic-areas/current-topics/opioid>). The panel will explore the novel technologies and application of traditional technical assistance that have the potential to be disruptive in addressing the opioid crisis. They will conclude with a discussion of government policy, political pressure, societal forces, and financial and technical drivers that contribute to this health informatics challenge.

**Bryant thomas Karras, MD  
Chief Informatics Officer  
Washington State Department of Health**

Dr. Karras the panel moderator has confirmed that all participants have agreed to take part on the panel. To give opportunity for audience dialog, and exchange of suggestions from work happening in other states and academic centers, the four panelist presentations will be limited to

less than 10 mins each, and Dr. Karras, the panel lead, will then lead a discussion to engage the audience.

**Sasha De Leon, MA, MSPH, MS**

**Drug Systems Director**

**Washington State Department of Health**

Ms. De Leon will give an overview of the PMP, including its primary functions, how users can access PMP data, use of the system over time, and Washington's increase of interjurisdictional data sharing.

**Chris Baumgartner, BS**

**Senior Data Exchange Manager**

**Washington State Department of Health**

Mr. Baumgartner will describe how adoption of standards and use of the State-wide Health Information Exchange contributed to marked initial improvement in utilization of the State's PMP. Additional contribution followed in adoption of guidelines and professional requirements now in affect.

**Janet G. Baseman PhD MPH**

**University of Washington**

Dr. Baseman will describe Technical Assistance and analysis of barriers to access and use of the PMP repository. Findings from 2019 CDC pilot work and, goals of follow up work from Support Act/ PARTNERSHIP will be discussed. Lessons form this can contribute to a discussion of what barriers or inovations can be addressed next.

**William Lober, MD MS**

**University of Washington**

Dr. Lober will describe the technical approaches taken to improve standards-based access to the PMP, the demonstration of elements of those approaches at the HIMSS Showcase, and an update on the activities to implement tools for early adopters in WA State.

**One outcomes-based learning objective as a result of attending this session:**

The learner should be able to describe barriers in automated access to PMP/PDMP dispensed medication data and potential methods for addressing to help in appropriate prescribing of opioids.

Key words:

Public Health

Implementation, Optimization

Generating Evidence for Care Improvement

Population Health

Safety and Quality Measurement and Improvement

Health Information Exchange (HIE)

Health IT Standards (FHIR®, etc.)