

2019 USPHS Symposium
Wednesday, May 8
Pharmacy Category Agenda

Wednesday, May 8

8:00 AM - Red Lake Indian Health Service Pharmacist Value-based Healthcare Outcomes Model

8:30 AM **CAPT Cynthia Gunderson, PharmD; CDR Kailee Fretland, PharmD; Dr Randall Seifert, PharmD; Dr. Todd Sorenson**

The Red Lake IHS pharmacy team in collaboration with the University of Minnesota has taken the "Bold Aim" lead in transitioning the pharmacist care model to a value-based health outcomes model. In order to accomplish this Bold Aim and transition the team will integrated Comprehensive Medication Management (CMM) and pharmacist patient-care model process into team-based primary care. This program is designed for the development of a program similar to the Alliance for Integrated Medication Management A3 Collaborative. Active Implementation Framework (AIF) will be used to facilitate the implementation and improvement of Comprehensive Medication Management (CMM) in Red Lake IHS pharmacist primary care practices to optimize medication use and improve care for patients.

At the conclusion of this session participants will be able to:

1. Describe the process for defining practitioner development via organizational goals and how an individual practitioner learning supports performance improvement.
2. An implementation team is a critical component to support success of this program. The implementation team brings experience assisting the Red Lake IHS Pharmacy Team in overcoming barriers to implementing CMM in the context of the Red Lake IHS care system.
3. Describe the 3 main areas in the logic model and how the model is designed to with key elements of outcomes and activities oriented to support short and long-term practitioner and practice development.

8:30 AM - Community Health and Economic Prosperity Panel

9:30 AM Tackling the Nicotine Addiction through Academic Partnerships

LCDR Gayle Tuckett, PharmD, BCGP, NCPS, CDE, AE-C

This presentation will briefly review tobacco use in the U.S., its impact on health, and how Commissioned Corps officers can get involved with schools of pharmacy through the USPHS-Rx for Change: Ambassador Program to reduce tobacco use in the nation. It will provide background on the USPHS-Rx for Change: Tobacco Cessation Training Program, and how the Ambassador Program cannot only be utilized to train more individuals in making successful tobacco cessation interventions, but also used to incorporate other tools to help tackle tobacco in the U.S.

At the conclusion of this session participants will be able to:

1. Discuss the current epidemiology of tobacco use
2. List four tools used to combat tobacco use and state which ones can be used through the Ambassador Program

3. Explain the Ambassador Program and provide the steps necessary to become a liaison for the program

Strengthening Policymaker, Provider, and 9:30 AM Community Partnerships through Photovoice

Dr Meena Murugappan, PharmD, MPH; Dr Randy Seifert, PharmD

"A picture is worth a thousand words." Photovoice is a novel and technology-based process by which patients and caregivers use cameras to photograph their everyday realities, thereby focusing on issues of greatest importance to them and communicating these issues to those who can make changes. This community based participatory research methodology helps engage vulnerable and minority patient populations, giving them a safe environment and opportunity to communicate their concerns, needs, and perspectives to policymakers and service providers. Photovoice serves as a compelling tool to enhance our understanding and communication around patient experiences. It improves health outcomes and effects systems-level change. We invite you to an introductory session on this paradigm shifting approach to understanding and improving patient experiences.

At the conclusion of this session participants will be able to:

1. Describe the Photovoice process and identify its primary goals and purpose.
2. Discuss ethical and logistical considerations when conducting a Photovoice initiative.
3. Develop a plan to use and leverage the potential of Photovoice in your own professional setting. (*special attention will be paid to the FDA Patient Focused Drug Development initiative and use of Photovoice to communicate patient experience information)

Impacting the Adult Vaccination Disparity 9:30 AM through Pharmacy Health Communications

CDR Oluchi Elekwachi, PharmD, MPH, CGH; CAPT Kendra Stewart, RPh, PharmD

As a public health agency, the U.S. Food and Drug Administration (FDA) encourages the communication of accurate health messages about diseases, vaccines, and other treatments because such communications provide important public health information.

For both advertising and promotional labeling:

- Claims must be consistent with prescribing information
- There must be no false or misleading statements or omissions
- Materials must fairly balance benefits and risks

In this study, advertising and promotional materials for FDA-regulated vaccines were analyzed with health literacy and cultural competence measures. Defined by the Institute of Medicine, Health Literacy is "the degree to which individuals have the capacity to obtain, process, and understand basic health information. Pharmacist have the unique opportunity to utilize FDA-cleared vaccine advertising and promotion materials to impact adult immunization health disparities through targeted health communications that improve health literacy.

At the conclusion of this session participants will be able to:

1. Discuss original and revised Culturally and Linguistically Appropriate Services (CLAS) standards as it relates to vaccine health communications

2. Identify trends in vaccines rates
3. Recognize pharmacist-led strategies that may aid in encouraging the receipt of vaccines among disparately immunized adult populations

Healthy Mind Initiative - An Innovative Partnership Model in Response to the National Needs of Mental Health Awareness

CDR Su-Lin Sun, BS, PharmD, GWCPM; LCDR Rebecca Wong, PharmD, BCPS

In support of the Assistant Secretary for Health's Community Health and Services Missions (CHASM) initiative, this presentation will highlight the Health Mind Initiative (HMI), a community model comprised of federal and local partnerships, which can be applied to engage PHS Pharmacists in promoting mental health awareness among youth. Emphasis will be placed on replacing mental health stigma with compassion and commitment. Pharmacists will learn how to realistically address key mental health challenges in their respective local communities.

At the conclusion of this session participants will be able to:

1. Define the key mental health message acronym, "CHERISH."
2. Differentiate between a pharmacist's role in promoting mental health awareness in the pharmacy compared with a pharmacist's role at a local community outreach. Examine HMI model's unique multi-level collaboration amongst local, state, and federal entities to expand pharmacists' role in mental health.
3. Describe the importance of mental health awareness and identify training opportunities to become certified in Mental Health First Aid

9:30 AM - Clinical Application of STEM Cell Therapeutics
10:00 AM **CAPT (ret.) James Minor**

This presentation will offer an overview of the current status of engineered stem cell therapeutic products and regimens - their research development, diseases in which they hold promise, pitfalls in their widespread application, and how governmental and private sector partnerships are evolving to address the barriers in their translation from the laboratory to the clinic.

At the conclusion of this session participants will be able to:

1. Explain or describe the terminology used in the area of stem cell research and technology.
2. Explain why there is such impetus on developing, purifying and clinically applying stem cell-based therapeutics.
3. Describe how partnerships are evolving to facilitate the translation of human stem cell-based technology and therapeutics from basic science research to clinical environments.

12:00 PM - Luncheon, PharmPAC Updates, Honor Awards and 3rd Annual C.A.Z.I. Bowl
1:30 PM **CAPT Matthew Branzio, Pharm.D., MBA, RAC; CDR Melinda McLawhorn**

PharmPAC shall present annual PharmPAC Honor Awards to selectees. The 3rd Annual C.A.Z.I Bowl is a "wake you up" mid-morning/after-lunch presentation to excite and encourage participation from the audience, including team work and skill building. The

presentation's aim is to bring awareness to hot topics, ASH, SG, CPO, information of the host city, and other relevant information.

At the conclusion of this session participants will be able to:

1. Describe a team-based approach to problem solving
2. Knowledge of senior ranking officials within PHS/HHS
3. Knowledge of host city

1:30 PM - Building Capacity to Address Public Health Priorities: USPHS Pharmacists Preparing Pharmacy
2:00 PM Students to Treat Tobacco Use

**CDR Michael Verdugo, PharmD, MS, APP, BCPS, CPHQ; Dr. Randall Seifert, Pharm.D.;
Cody Thompson (PD4 student)**

Maria Sturtz (PD4 student)

Ariel Field (PD3 student and SCOA leadership CoP-Duluth)

Sean Byrne (PD3 student and SCOA leadership CoP-TC)

Pharmacists and pharmacy students have become increasingly involved in addressing public health priorities such as immunizations. The CDC describes commercial tobacco use is the leading cause of preventable death in the United States (CDC, 2018). To help increase the capacity of pharmacists to address commercial tobacco use, in October 2016, 16 University of Minnesota Duluth College of Pharmacy students were certified as Tobacco Treatment Specialists using the U of AZ Healthcare Partnership certification by CDR Michael Verdugo, Pharmacy Officer, USPHS. Subsequent student interest tobacco treatment training grew and in March of 2018, 23 U of MN Duluth Pharmacy, 3 U of MN Twin Cities Pharmacy and 1 U of MN Duluth Medical Student completed the Rx for Change Basic Tobacco Cessation skills training, led by CDR Verdugo. As a follow on, in August of 2018, CDR Verdugo facilitated the certification of 4 U of MN Twin Cities Pharmacy Students alongside 10 tribal health program staff as U of AZ Healthcare Partnership Tobacco Treatment Specialists. Expanding partnerships between USPHS Officers with expertise in treating commercial tobacco and Colleges of Pharmacy can help increase the pool of providers in our Nation that are both accessible and equipped to assist their patients in reducing the harms of commercial tobacco.

At the conclusion of this session participants will be able to:

1. Describe the historical role that pharmacists have played in addressing public health priorities such as commercial tobacco use.
2. Discuss the ways in which pharmacists with expertise in treating commercial tobacco use can help to activate and equip pharmacy students to provide evidence based and culturally appropriate tobacco cessation interventions.
3. Initiate conversations with regional Colleges of Pharmacy for the purposes of helping to build the capacity of pharmacy students and the profession to address commercial tobacco use.

2:15 PM - Opioids and Addiction Panel
3:15 PM Increasing Access to Naloxone, a Regulatory Perspective
CDR Daniel Brum, PharmD, MBA, BCPS, RAC, BS

The Nation's response to the opioid crisis and treatment of suspected opioid overdose with naloxone has paved the way for innovative pathways to improve access to this life-

saving drug. Currently, naloxone is available by prescription (Rx) only. Various stakeholders, along with FDA, are considering ways to support greater access to naloxone including whether naloxone may be appropriate as an over-the-counter (OTC) drug.

This session will provide an overview of drug regulation in the United States as it relates to naloxone, highlight the available naloxone products, and discuss drug development and regulatory considerations for an Rx-to-OTC switch. The session will discuss the FDA-developed naloxone Drug Facts label and the research related to consumer label comprehension testing. The session will also highlight recent developments on the Nonprescription Safe Use Regulatory Expansion (NSURE), a regulatory option to expand future Rx-to-OTC switches.

At the conclusion of this session participants will be able to:

1. Name the ways in which naloxone has been made available to the public
2. Identify the regulatory pathways and associated challenges the pharmaceutical industry faces for a naloxone Rx-to-OTC switch
3. Describe FDA's label comprehension study for naloxone and explain its relevance for OTC drug approval

Developing Community Partnerships to Expand Public Understanding of Opioid Use Disorder and Stigma Associated with Addiction

LCDR LeAnn Brodhead, PharmD, MPH; LCDR Kemi Asante, PharmD, MPH, RAC

This presentation is intended to assist USPHS pharmacists in developing local community partnerships to improve population health. This discussion will review the efforts undertaken by USPHS pharmacists to cultivate strategic partnerships, implement innovative outreach strategies, and develop robust communications that target the diverse organizations and populations in their communities in an effort to expand public understanding of opioid use disorder and stigma associated with addiction. Lastly, this presentation will focus on providing strategies for identifying, negotiating, building, and maintaining partnerships with other organizations that are key organizations in the community that can assist USPHS officers' mission of improving the health of the Nation.

At the conclusion of this session participants will be able to:

1. Identify outreach strategies that will engage the broader community in supporting your mission and enhancing their general awareness of your organization.
2. Develop action-oriented messages tailored to specific audiences that will help engage your community in your efforts.
3. Discuss strategies for negotiating, building, and maintaining partnerships with other organizations in the community

Progression Towards Universal Hepatitis C Treatment in the Federal Bureau of Prisons

CAPT Michael Crockett, RPh; CDR Katrina Kiang, PharmD, NCPS

The Federal Bureau of Prisons (BOP) faces a number of unique challenges with respect to the treatment of Hepatitis C including: higher prevalence and cirrhosis rates, provider shortages and financial pressures among others. Despite these challenges the BOP has been able to increase the number of patients treated from 311 in FY 2016 to 911 in FY 2017 and 1,683 in FY2018, while decreasing expenditures from 2017 to 2018 by over

\$2,000,000 and maintaining a treatment success rate per protocol of 90%. This expansion and the overall success in treating HCV is in large part due to the increasing efforts of the Regional Hepatitis Clinical Pharmacist Consultant program to educate the field and promote more pharmacist-run clinics.

At the conclusion of this session participants will be able to:

1. Describe the infrastructure of BOP initiatives to expand HCV treatment through the consultant program, certificate training program, and pharmacist CPAs.
2. Describe key partnerships with industry and the impact of Temporary Price Reductions.
3. Apply lessons learned in the BOP to their own practice sites or agencies to aid in the worldwide effort to eradicate HCV.

3:15 PM - FDA - IHS Training Initiative: New Partnerships

4:00 PM **CAPT Matthew Brancazio**, Pharm.D., MBA, RAC; **CAPT Rebecca Reyes**, PharmD, MAdmin, BCPS

This presentation is dedicated to a new partnership between the Food and Drug Administration (FDA) and the Indian Health Service (IHS). The FDA IHS Training Initiative (FITI) will create a simulated training environment by utilizing the existing IHS information technology (IT) infrastructure (i.e. Resource and Patient Management System/Electronic Health Record). The FDA, a collection of the second largest group of Commissioned Officers in the Health and Human Services, will train on the IHS IT system prior to temporarily deploying to the IHS. The goal is to increase access to care for the vulnerable population that IHS services.

At the conclusion of this session participants will be able to:

1. Describe the details of a new partnership between FDA and IHS.
2. Identify deficiencies in Agencies staffed by the Commissioned Corps in order to create low to no-budget programs.
3. Demonstrate how to apply clinical and real-world experience to determine specific needs of a population.

4:00 PM - Health and National Security Panel

5:00 PM Drug Shortages: Working together to benefit patients
CDR Emily Thakur, R.Ph.

This presentation will provide an update on the efforts underway at the FDA to prevent and mitigate drug shortages. This update includes efforts led by the newly formed Drug Shortage Task Force and their recent public meeting that included multiple stakeholders. These partnerships are in addition to the numerous partners already established by the Drug Shortage Staff within the Center for Drugs at the FDA who continue to work together to lessen the burden on practitioners and patients due to various drug shortages.

At the conclusion of this session participants will be able to:

1. Discuss some recent steps taken to approach the challenge of drug shortages
2. Describe FDA's approach to drug shortage prevention and mitigation
3. List some of the reasons for drug shortages

The Opportunities for Clinical Hours are Endless

CDR Teresa Ramson, Pharm.D., MBA, RAC; LCDR Christina Kirby, Pharm.D.

As pharmacists in the U.S. Public Health Service Commissioned Corps, we are fortunate to have the opportunity to serve in diverse roles across the country. Regardless of where your current duty station resides or whether you are a new, mid-range or senior level officer, there will always be a need for pharmacy officers to fill temporary duty assignments (TDYs). Completing a TDY not only fills an urgent need, but provides officers the opportunity for personal professional development and to learn about other organizations and their missions. The presenters will provide an overview of how pharmacy officers can complete a TDY while touching on their personal experiences.

At the conclusion of this session participants will be able to:

1. Identify, sign-up and complete a TDY.
2. Identify promising practices and challenges officers may face during a TDY.
3. Describe personal experiences from those who have completed recent TDYs.

A Pharmacy Perspective on Improving Access to Medications through Partnerships with the State and Community during the Hurricane Florence Response

LCDR Rachael Cook, Pharm.D.; LCDR Trisha Chandler, Pharm.D.

The presenters will discuss how they initiated pharmacy services within a state-run shelter that was established in a mega-church in North Carolina as part of Hurricane Florence relief efforts. They will describe the difficulties obtaining medications during the deployment and the ways in which they overcame these barriers to ensure that all patients had access to the appropriate medications. They will also discuss how they implemented medication reconciliation procedures, assisted clinicians with the electronic medication administration record, and obtained Narcan for clinically appropriate patients and caregivers.

At the conclusion of this session participants will be able to:

1. Identify barriers to accessing medication that you may face when deployed.
2. Explain ways in which you can overcome barriers to obtaining critical medications for patients during deployment.
3. Apply what you learn about partnerships to future deployments or to your jobsite to improve patient access to medications.