



**UW PROJECT ECHO ACCEPT – ADDICTION & CO-
MORBID CONDITIONS: ENHANCING PREVENTION & THERAPEUTICS**

ANNUAL PROGRAM REPORT

May 2019 – June 2020

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Purpose:

Project ECHO is a collaborative model of videoconference case-based and didactic medical education that aims to enhance the confidence and competence of primary care providers in their management of complex chronic health issues.¹ This model has been used effectively in New Mexico to address substance use disorders and related conditions.

The UW adaptation of the ECHO model (Project ECHO ACCEPT) provides distance education to connect specialists to providers across the state of Wisconsin, with the purpose of providing facilitated training, including case-based learning, and mentoring support for providers regarding substance-related issues. The work will positively influence rural Wisconsin providers, residents, families, and communities. With funding from the Department of Health Services (DHS), Dr. Randy Brown from UW Health implemented the ECHO model in Wisconsin in 2018.

Funding:

UW Department of Family Medicine and Community Health sponsors this effort in collaboration with the Wisconsin Department of Health Services Division of Care and Treatment Services. Funding for this project was made possible by grant 435200-G-18-11448-285932-880 from the Substance Abuse and Mental Health Services Administration. The views expressed in written conference materials or publications and by speakers and moderators do not necessarily reflect the official policies of the Department of Health and Human Services; nor does mention of trade names, commercial practices, or organizations imply endorsement by the U.S. Government.

Project Goals and Objectives:

1. Increase provider engagement in the management of patients with Substance Use Disorders (SUDs) and related co-morbidities through outreach to primary care settings to improve knowledge of Substance-related issues
 - A. Increase engagement of primary care providers who serve marginalized and/or underserved populations.
 - B. Increase provider retention in Project ECHO
2. Enhance provider confidence in caring for patients with Substance Use Disorders.
3. Enhance provider knowledge in caring for patients with Substance Use Disorders.

Education Objectives:

The education content objectives were developed to meet Continuing Medical Education credit accreditation requirements, and to promote the development and focus of the didactic topics for the series. The education objectives include:

- Review appropriate opioid prescribing and monitoring practices.
- Participate in office-based management of substance use disorders.
- Enhance delivery of overdose prevention and intervention education.
- Identify the role of medication-assisted therapies in the management of substance use disorders.

¹ University of New Mexico, Project ECHO. https://echo.unm.edu/wp-content/uploads/2017/09/ECHO_One-Pager_08.17.2017.pdf

Evaluation Plan:

Project ECHO is a statewide, collaborative model of medical education and care management that utilizes videoconferencing to connect specialists with expertise and resources, to numerous Wisconsin providers. The objective is to provide facilitated training, including case-based learning, and mentoring support to address the State's Substance Use Disorder (SUD) crises.

Per the requirements noted in the State of Wisconsin Department of Health Services Grant Funding Opportunity Announcement, the attached logic model will be used to guide program implementation and meet reporting requirements.

Metrics for Success

Project outcomes will be evaluated, utilizing post session surveys that are sent to participants after attending a session, as well as a pre-series and mid-series survey to evaluate provider confidence and knowledge. Stakeholder feedback will be utilized to impact on-going process improvements to continually strive toward the intermediate and long-term project objectives.

Evaluation Budget

The project currently allocates 27% of its budget for supporting the personnel salaries of the evaluation team.

Analysis of Project Goals and Objectives:

Goal 1: Increase provider engagement in the treatment of Substance Use Disorders (SUDs) and related conditions through outreach to primary care settings to improve knowledge of Substance-related issues.

Specifically for the following cohorts and project activities:

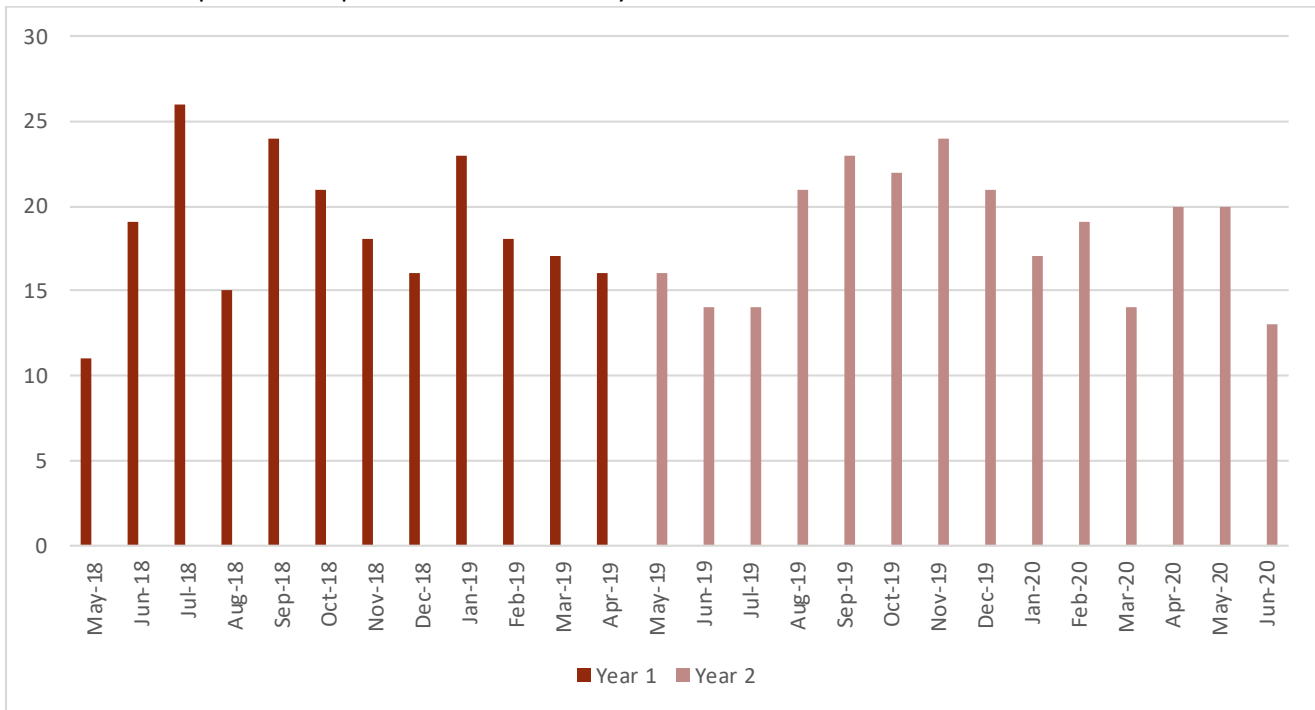
- Increase engagement of primary care providers who serve marginalized and/or underserved populations.
- Increase trainee/resident engagement.
- Improve access to SUD treatment for marginalized or underserved Wisconsin residents, particular focus on vulnerable counties within the state.
- Increase engagement of UWH and UPH-Meriter providers in UW Project ECHO ACCEPT, including presenting cases.
- Increase provider retention in UW Project ECHO ACCEPT

From series year 1 (May 2018-April 2019) to series year 2 (May 2019 – July 2020) there has been an 11.76% decrease in average attendance. With an average attendance of 18.7 per session for year 1 and 16.5 per session year 2 (Figure 2). In addition, the series has seen 113 participants who have repeatedly attended at least more than one session (Figure 1). On average reoccurring participants attended 2.49 of sessions, as of 1/21/2021.

Figure 1: Attendance per Series Year

Project Year	Attendance
Year 1 (May 2018 – April 2019)	224 (100 individual attendees)
Year 2 (May 2019 – June 2020)	247 (103 individual attendees)

Figure 2: Attendance per Session per Individual from May 2018 – June 2020



Based on self-reporting majority of the participants are physicians (MD, DO) 36%, while 53% of those participants are primary care providers. (Figures 3 and 4)

Figure 3: Participant Credentials per Series Year

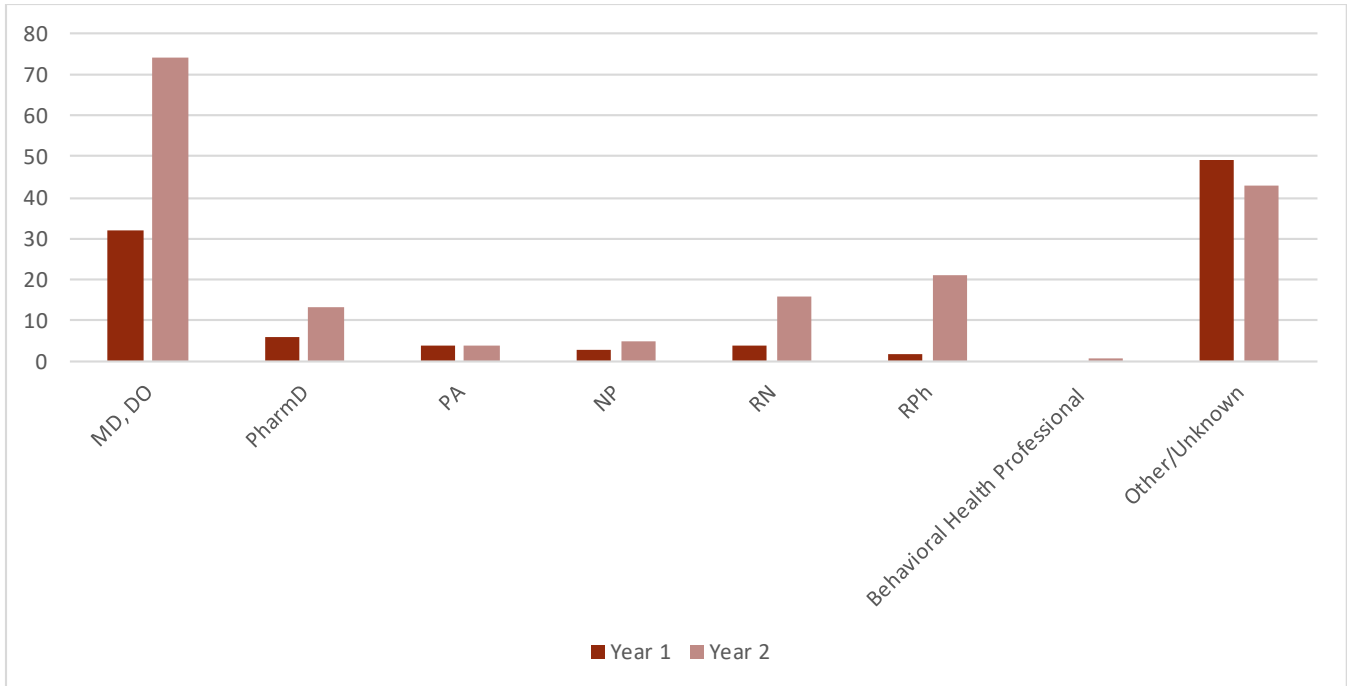
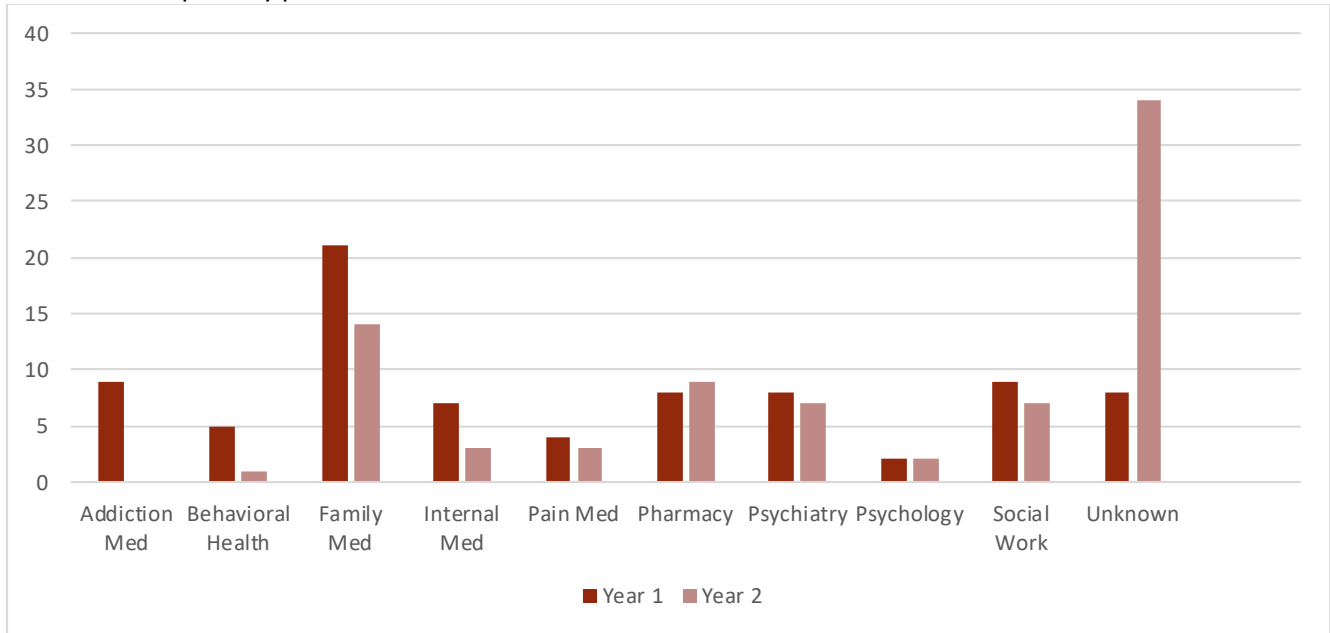


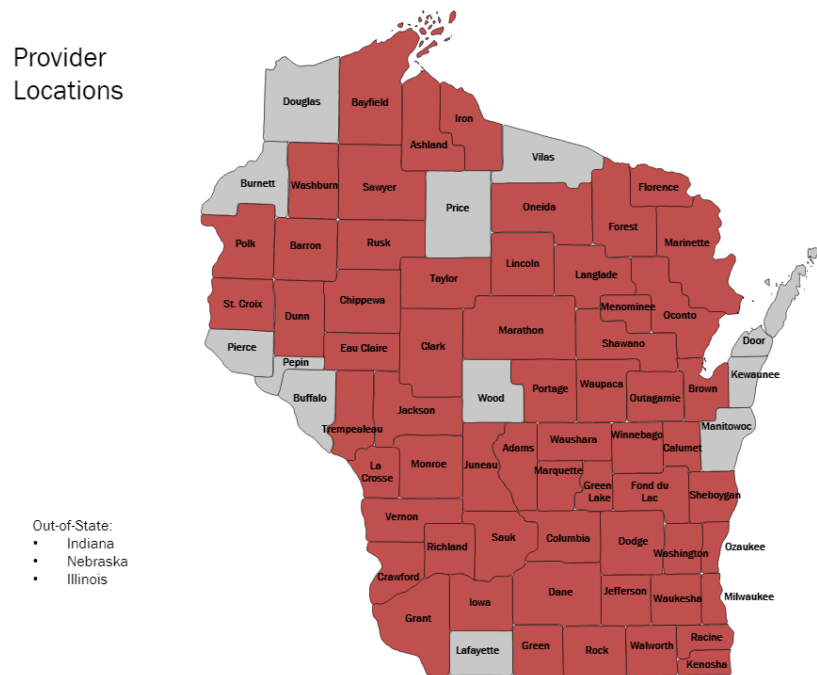
Figure 4: Provider Specialty per Series Year



UW Project ECHO ACCEPT has had participants from 60 counties, and 17 of those counties have a 25 per 100,000 residents or higher drug overdose rate ranging between the ages of 15-64 from the years 2014-2018. This data was collected by the CDC, and compiled by NORC – University of Chicago and USDA. (Figure 7 and 8).

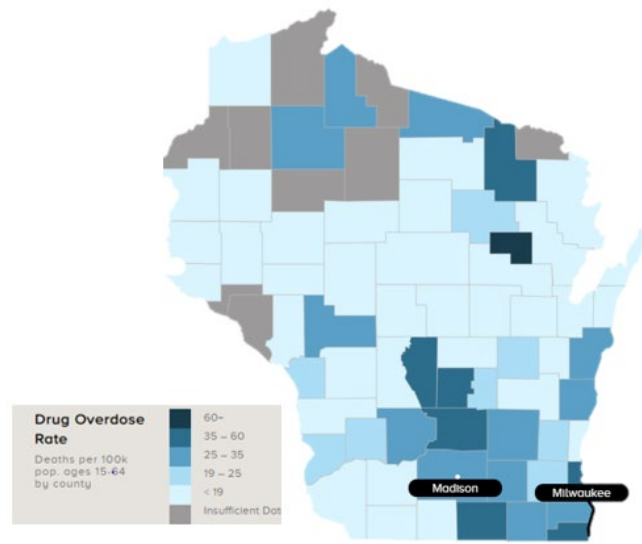
<https://opioidmisusetool.norc.org/>

Figure 7: Participant Locations by County



Last Revised:
1/22/2021

Figure 8: Drug Overdose Rates by County



<https://opioidmisusetool.norc.org/>

Goals 2 and 3: Enhance provider knowledge and confidence in caring for patients with Substance Use Disorders.

Goals 2 and 3 were not evaluated in year 1 of Project ECHO ACCEPT, so the following figures represent year 2 data only. Figures 9 - 16 indicate that majority of an ECHO ACCEPT participants do not feel highly confident in their skills to adequately and appropriately treat, screen, and provide counseling services to their patients with substance use disorders.

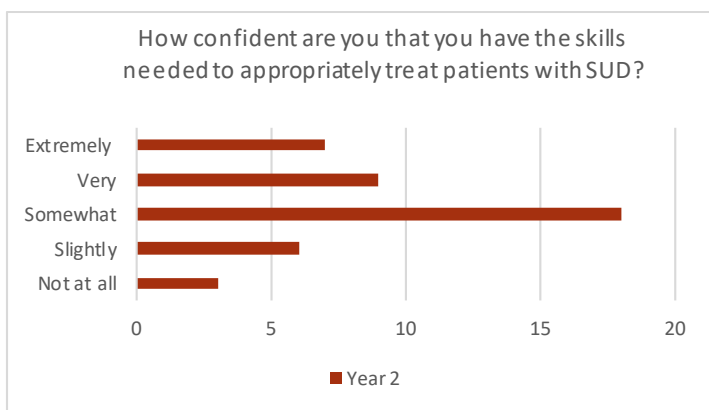


Figure 9: Confidence of Provider Participants to Treat SUD

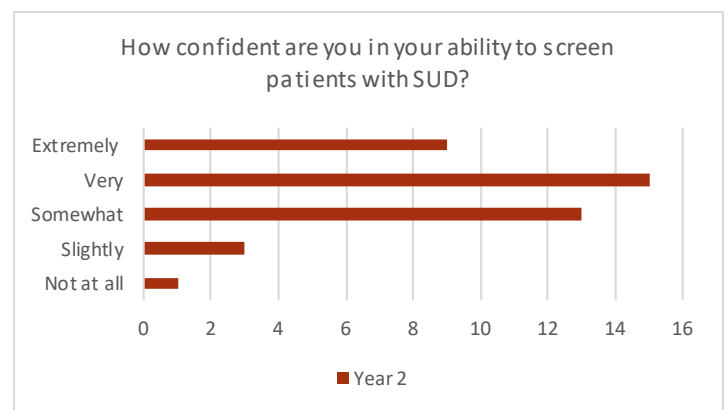


Figure 10: Confidence of Provider Participants to Screen for SUD

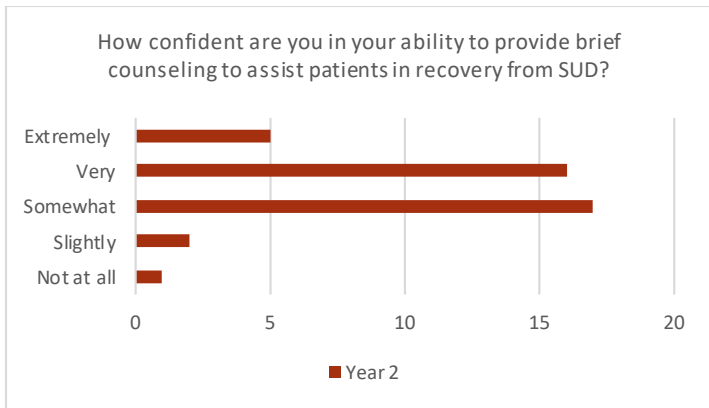


Figure 11: Confidence of Provider Participants to assist in Counseling

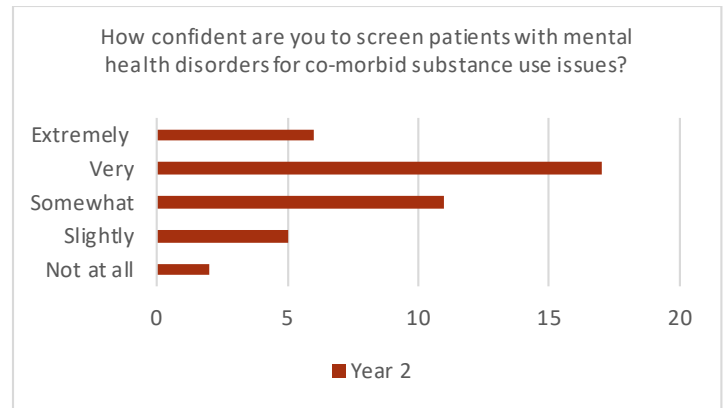


Figure 12: Confidence of Provider Participants in Co-Morbidity Treatment & Prescribing

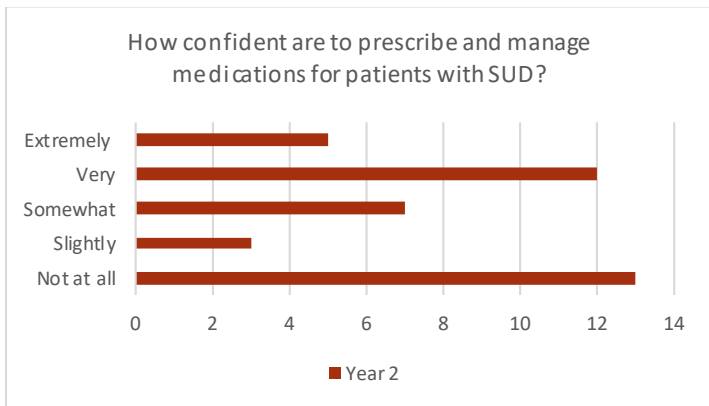


Figure 13: Confidence of Provider Participants to Prescribe and Manage SUD

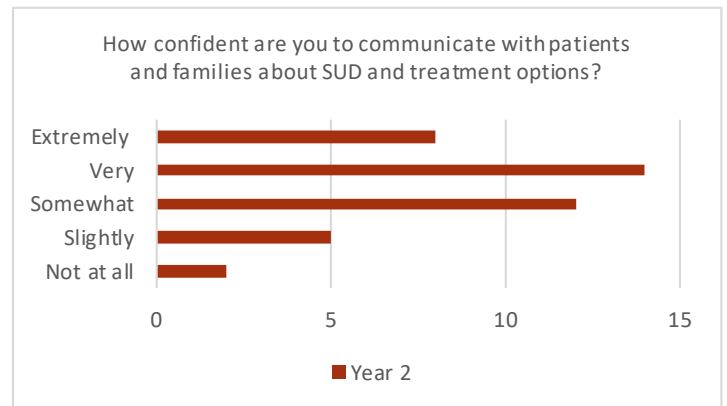


Figure 14: Confidence of Provider Participants to Communicate with Patients Families

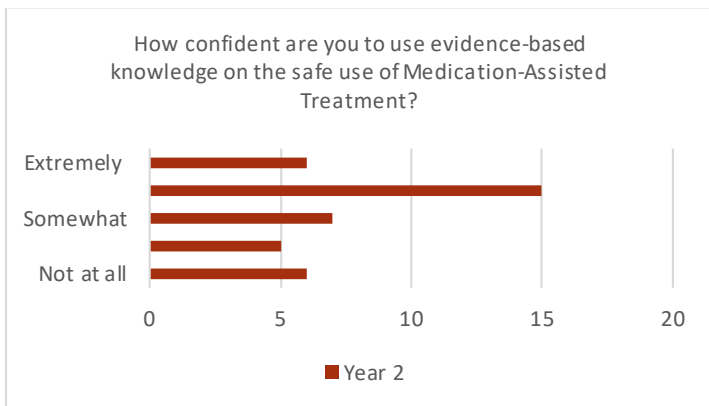


Figure 15: Confidence of Participating Providers to utilize MAT

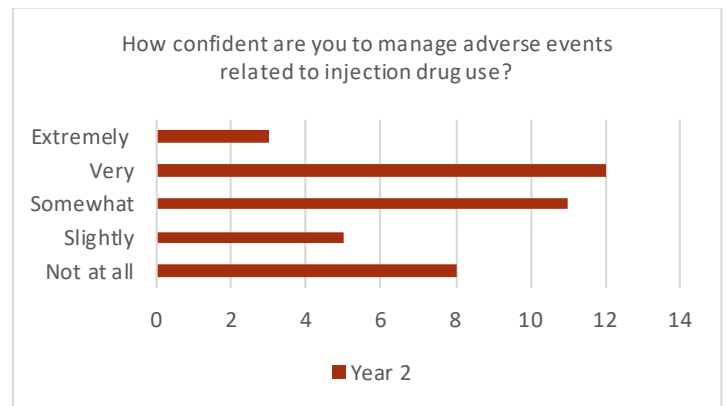


Figure 16: Confidence of Participating Providers to Manage Injection Drug Use related complications

Education Content:

The following includes presentation topic and presenter information from May 2019 to June 2020. All topics were developed an identified based on the project's education objectives:

- Review appropriate opioid prescribing and monitoring practices.
- Participate in office-based management of substance use disorders.
- Seek, with greater frequency, overdose prevention education.
- Identify the role of medication-assisted therapies, such as methadone, naltrexone, and buprenorphine in the management of substance use disorders.

Topics and Presenters from May 2019 – June 2020

Date	Topic	Presenter
Friday, May 17, 2019	Addictions and Substance Use Disorders: Definitions and Concepts	Dean Krahn, MD
Friday, June 21, 2019	Interview Advice and tips regarding Co-Morbidity Pt. 1	Dean Krahn, MD
Friday, July 19, 2019	Alcohol Withdrawal	Randy Brown, MD, PhD
Friday, August 16, 2019	An Overview of Fetal Alcohol Spectrum Disorders in the Adult Population	Lindsey Peterson, MS, CRC
Friday, September 20, 2019	Alcohol Use Disorder and Liver Transplant: The role of Behavioral Health Therapist	Susan Mindock, LPC, CSAC
Friday, October 18, 2019	Interview Advice and tips regarding Co-Morbidity Pt. 2	Dean Krahn, MD
Friday, November 15, 2019	Trauma in Women with Substance Use Disorder	Lindsey Peterson, MS, CRC
Friday, December 20, 2019	Substance Use Issues in Older Adults	Randy Brown, MD, PhD
Friday, January 17, 2020	Trauma-Informed Care Treatment	Lindsey Peterson, MS, CRC
Friday, February 21, 2020	Opioid withdrawal & intoxication	Alyssa Tilhou
Friday, March 20, 2020*	Injection Drug Use and Soft Tissue Infections; COVID-19 and OBOT	Amy Baltes; Ritu Bhatnagar
Friday, April 17, 2020	Youth perceptions of opioid safety, knowledge gaps, and preferences for education in high schools	Olufunmilola Abraham, PhD, MS, BPharm
Friday, May 15, 2020	Opioid antagonist Tx	Alyssa Tilhou
Friday, June 19, 2020	Opioid Treatment Programs (OTPs)	Dr. Chris Harkin

Series Schedule for Year 3 (July 2020 – June 2021)

Date	Topic	Presenter
Friday, August 21, 2020	Opioid Use Disorder in the Perinatal Patient	Christina L. Wichman, DO – The Periscope Project
Friday, September 18, 2020	Primary care-based HCV Treatment: A road to HCV elimination in San Francisco	Kellene Eagan, MD – University of Wisconsin School of Medicine & Public Health – Department of Family Medicine and Community Health
Friday, October 16, 2020	Rural Perspectives of Substance Use Disorder Treatment and Prevention	Sheila M. Weix, MSN, RN, CARN – Marshfield Clinic Health System
Friday, November 20, 2020	Mindful Awareness in Body-Oriented Therapy for Substance Use Disorder	Cynthia Price, PhD MALMT – University of Washington in Seattle
Friday, December 18, 2020	Self-help Groups	Michael M. Miller, MD, DFASAM, DLFAPA – University of Wisconsin School of Medicine & Public Health – Department of Family Medicine and Community Health
Friday, January 15, 2021	Buprenorphine for Pain Management	Michael M. Miller, MD, DFASAM, DLFAPA – University of Wisconsin School of Medicine & Public Health – Department of Family Medicine and Community Health

Friday, February 19, 2021	NIATx Program/CHESS in WI	Todd Molfenter, PhD – University of Wisconsin-Madison – Department of Industrial and Systems Engineering
Friday, March 19, 2021	Cannabinoid Pharmacology, Therapeutics, and Risks	Natalie Schmitz, MPA, PharmD, PhD – University of Wisconsin-Madison – School of Pharmacy
Friday, April 16, 2021	Micro-dosing as an Approach to Buprenorphine Initiation	Randall Brown, MD, PhD, DFASAM -
Friday, May 21, 2021	E-cig/Vaping – Pharmacotherapy to Assist with Quitting	Jesse Kaye, Ph.D – William S. Middleton Memorial Veterans Hospital
Friday, June 18, 2021	Adult Drug Treatment Court and Treatment Alternatives	Jason Latva – Manitowoc County Criminal Justice Coordinating Council

Potential Topics and Presenters for Series Year 4 (July 2021 - June 2022)

The following are potential topics and presenters for future sessions based on participant feedback, and information gathered by project staff from local conferences.

- Mindfulness for the practitioner
- Substance use treatment for special populations including during pregnancy, post-partum, and while incarcerated
- Legal issues around treatment of pregnant women with SUD
- More focus on corrections/criminal justice involved population with SUD's
- E-cigarettes/vaping - pharmacotherapy to assist with quitting
- Discussions on undocumented populations
- Dealing with the lack of a healthcare system in the US
- Nutrition and exercise role in treatment of SUD
- How to ensure insurances pay for needed treatment. The inpatient treatment setting is having a hard time having insurances cover withdrawal management.
- More information on methamphetamine, bath salts, and fentanyl would be helpful - they have become a combination use problem in our rural region.
- Treatment of methamphetamine addiction
- Effective empathy, ACT, ethics of treating patients with SUDs differently than treating patients with other medical and/or mental health disorders.
- Long-acting buprenorphine formulations.

Attachments Include:

- Pre – Series Survey Results
- Mid – Series Survey Results