

SCHOLARLY ACTIVITY IN THE HONORHEALTH THOMPSON PEAK ADDICTION MEDICINE FELLOWSHIP PROGRAM

2022-2023 EXECUTIVE SUMMARY

Overview

Clinical training focused on medical knowledge alone is not sufficient to prepare Addiction Medicine fellows for the practice of medicine. As part of improving their patient care, fellows must be well-versed in inquiry: research, quality improvement, leveraging human and electronic resources, and applying research findings to improve patient care.

The Scholarly Activity Program (SAP) for Addiction Medicine provides fellows with a strong foundational skillset, ensuring their effectiveness in evaluating the care of the patient in terms of best practices and their proficiency in critical appraisal of peer-reviewed literature, which will help fellows develop a pattern of lifelong learning habits. Fellows learn the basic principles of how research and Quality Improvement (QI) is conducted, evaluated, explained to patients, and applied to their patients' care. The Scholarly Activity Program is designed to fulfill the fellowship program's Practice-Based Learning goals. Scholarly activities of fellows and faculty are documented and assessed regularly as part of the Addiction Medicine Program evaluation and are also assessed through the annual Faculty and Fellows Survey.

This executive summary is organized into three parts. In Part I, scholarly activity processes and structures are identified and described. Part II provides details regarding resources in place to support scholarly research activities. Part III includes a list of recent faculty and fellow activities.

PART I – Processes for Scholarly Activity & Research

The Scholarly Activity Program is administered through a variety of teaching strategies, including regular instruction through didactics sessions, engaged participation in QI or research projects, journal club, and presentations at fellowship-based conferences (MAT ECHO, Grand Rounds, Peer Review, etc.). Fellows are also required to regularly submit scientific abstracts, posters and/or manuscripts to professional associations and publishers with the intent to present at conferences or publish in peer-reviewed journals. The sections below provide further details for each type of scholarly activity.

Faculty Research and Scholarly Activity

Addiction Medicine faculty are required to demonstrate involvement in fellow scholarly activity by providing guidance and support to fellows and participating in clinical discussions and conferences. Faculty are responsible for committing and scheduling a portion of their time to supporting the scholarly activities of fellows. During such time, faculty may provide direct consultation and advisement on scholarly topics, the research process, or provide ongoing guidance throughout a project's entire timeline. Fellows also select peer-reviewed and clinically significant research articles for fellows to review, appraise and present during journal club activities.

Faculty are also responsible for the development and implementation of their own scholarly activities in order to expand their own knowledge base and contribute to the body of literature in their specialties. To foster faculty interest and engagement in research, HonorHealth offers a faculty development series as well as workshops provided through the ResQIPS program (see below). In addition, teaching faculty will be required to participate in clinical discussions and conferences along with on-site faculty development and training. All faculty will be encouraged to participate in national and regional professional organizations.

Project ECHO

MAT ECHO program launched at HonorHealth in February 2020 as a community-academic partnership between HonorHealth and ASU. Project ECHO programs use a guided practice model of care to link expert teams with virtual clinics, amplifying the capacity for providers to deliver evidence-based care to patients in their own communities. MAT ECHO is a patient-centered program on the use of harm reduction strategies, public and community health measures, and medication-assisted care and therapies for patients with substance use disorders. Fellows participate actively in this programming, presenting cases and contributing to the interactive didactic format of this activity. Learning objectives for this program include:

- Identification of evidence-based resources for a patient with opioid use disorder who is a candidate for Medication Assisted Treatment (MAT)
- Discussion of methods to generate outpatient management plans and change practice behaviors to be consistent with best practices for the treatment and management of patients with OUD.
- Implementation of referrals to behavioral health services and other critical community resources and wrap-around services,
- Increase Arizona capacity for accessible MAT via effective use of buprenorphine waivers

- Apply principles of motivational interviewing in the evaluation and management of patients in MAT programs using select case scenarios.
- Develop and sustain a learning network for clinicians and community members participating in MAT-ECHO throughout Arizona.

Pivoting the curriculum to include content on COVID-19 and policy changes was critical during year one for the audience to deliver evidence-based care during this critical time of dual epidemics. As the program continues into its second year, the curriculum has been enhanced to include content on SDOH and health inequities specific to populations with substance use disorders (*See Appendix B for details*).

Journal Club

Journal club is designed to expand skills in appraisal and assimilation of evidence from scientific studies. It is a monthly, fellows-led, interactive session under the supervision of Core Faculty and faculty members with content expertise relevant to the topics chosen for presentation. Reading assignments and participation are mandatory. Journal club activities are intended to assist fellows in critically analyzing their own care against the most up-to-date information on diagnosis and treatment effectiveness.

National and Local Conference Presentations

Fellows are expected to present a scholarly research project at a local, regional and/or national meeting. Presentations may include a published work, poster and/or podium presentation representing a research project completed during Addiction Medicine fellowship. Presentations will be prepared under supervision of fellowship faculty and/or physician researcher.

Fellows' scholarly projects are frequently submitted to the annual "Academic Excellence Day", sponsored by the University of Arizona, College of Medicine Phoenix, which is designed for residents and fellows and includes poster and oral presentations of case reports and research projects. Selection of showcased projects is through a competitive abstract selection process overseen by the ResQIPS Director and her team. Those selected compete in poster and or/oral presentation competition that is judged by UA-College of Medicine faculty and invited GME faculty from various organizations.

ResQIPS Curriculum and Workshop Series

HonorHealth has developed an innovative framework and curriculum called ResQIPS (Research, Quality Improvement and Patient Safety), linking education and support on QI/PS activities to scholarship, and with the intent of increasing scholarly projects and improving outcomes. ResQIPS is designed to support the advancement of research, quality improvement and scholarship for the network's medical

fellowship programs and, more broadly, across multiple disciplines in the network. The ResQIPS learning objectives are as follows:

- Design a significant clinical question that aligns with the ResQIPS Framework
- Describe the steps involved in conducting investigator-initiated human subject research & prepare for IRB application submission
- Use Quality data and tools to support practice or improvement initiatives
- Describe methodology and design considerations for QI and Research projects
- Identify tools, resources and mentors needed to support research activities
- Develop a scholarly project
- Collect and analyze data
- Disseminate findings through local, regional or national presentations and/or through peer-reviewed journal article publication

The curriculum is offered as a series of mandatory workshops with individual mentoring support offered to fellows and other learners between workshops. Fellowship/Residency, Faculty and IPE projects are showcased to the organization in poster and presentation sessions annually.

Quality Improvement Projects & Teams

All fellows are required to participate in a quality team and/or a quality improvement project within the base hospital institution. Fellows complete CITI human subject protections training at the start of their fellowship and are trained regarding the organization's policies and processes for reporting medical errors and near misses. The quality projects focus on quality measures, patient safety, efficient workflows, improved patient outcomes, or risk management.

Peer Review Committee/RCA

Fellows participate in interprofessional review of patient complications and discussion of action steps to prevent similar events in the future. Cases can include unexpected deaths, delay in care or diagnosis, procedural complication, avoidable medical events, or near miss events such as medication errors, lab events or errors, or failure to act. When appropriate Root Cause Analysis (RCA) is included as part of the discussion. During each session, the goals, guiding principles and privileged nature of the discussion and materials are introduced. Sessions are directed and supervised by a Board-Certified physician and focus is on education and potential patient care or system improvement. The discussion is summarized, and a list of action items or best practices may be developed.

Opioid Crisis Education Modules

In response to the epidemic of opioid abuse, Arizona has mandated all licensed practitioners in Arizona to participate in at least 3 hours of opioid and substance abuse-related education per renewal cycle. With oversight from Academic Affairs, the HonorHealth CME department has partnered with the Addiction Medicine Fellowship to design and create learning-on-demand educational modules. These

modules meet Arizona's Opioid education requirements and are designed to help providers integrate updated guidelines pertaining to opioid prescribing into their daily practice to improve outcomes in patients. Fellows participate in content planning, module development, and program evaluation as well as the required annual review of existing module content to ensure content validity and currency, as is required by ArMA/ACCME to offer these modules for CME credit.

Fellows As Teachers

Fellows have multiple opportunities to practice and develop their teaching skills. In addition to the teaching demands required from daily interaction with patients, families, and other health care professionals, fellows participate in leading interactive didactic sessions such as Grand Rounds or teaching a didactic session for one of the GME Residency Programs. Additionally, faculty model and mentor teaching skills on clinical rounds, in didactic sessions, through committee work, and in nearly all aspects of clinical practice for which they provide supervision. Fellows have numerous opportunities to teach and counsel patients. These interactions are frequently supervised by faculty, offering opportunities for feedback and improvement. As fellows advance, they are expected to take on a greater teaching role, including teaching or leading interactive didactic sessions in the other GME residency and fellowship programs.

Multiple tools are utilized to assess and provide feedback for improvement on skills at educating patients, families, students and peers. Faculty provide daily, face-to-face feedback on fellow teaching and counseling skills. Fellows incorporate this real-time feedback into their daily practice. At the conclusion of each rotation, fellows are evaluated by faculty in the six ACGME competencies, including issues relevant to their teaching performance. Fellows review these evaluations at the end of each rotation. Medical students complete an evaluation form of fellows involved in their instruction. Fellow peers are periodically called upon to evaluate each other. Skills at teaching are included in this assessment. Finally, the faculty advisors and Program Director provide a semiannual Milestone review at which feedback from all these sources is provided. Fellows utilize this feedback to improve upon their teaching skills.

PART II - Resources for Scholarly Activity & Research

Addiction Medicine Fellowship Program Resources

The Addiction Medicine Fellowship Program provides access to HonorHealth resources and addiction medicine-specific resources including an Addiction Medicine Resource Guide (<https://azhin.org/honorhealth/am/addictionmed>), tailored to the program, and which includes specialty eJournals and eBooks, videos and podcasts, links to professional organizations, and other addiction medicine resources housed together in one guide for ease of access.

Academic Affairs has purchased Canvas, a learning management system software for the administration, tracking, reporting and delivery of educational course content as well as training and development programs. This will offer additional resources and learning modules most of which can be accessed “on demand” at a convenient time for busy fellows and faculty. Implementation will begin in July 2021.

Fellows are also required to attend the American College of Academic Addiction Medicine (ACAAM) lecture series which engages regionally and nationally renowned speakers and is designed to promote academic excellence and leadership in addiction medicine.

See Appendix A for additional information of how the ACAAM series are incorporated in didactic schedule

HonorHealth Library Resources

ACCESSIBILITY HonorHealth Osborn Medical Center, Shea Medical Center and John C Lincoln Medical Center libraries provide 24/7 access to single workstations as well as meeting/collaboration space. At Thompson Peak Medical Center, the library is incorporated into the Learning and Simulation Center. The libraries also maintain a Web-based library portal which is available on-site through the employee intranet and off-site through Athens (authentication software). Librarians provide mobile app support for several key resources:

- UpToDate clinical decision support system
- Elsevier’s ClinicalKey resource which contains the FirstConsult clinical decision support system along with thousands of high-impact electronic textbooks and journals, practice guidelines, over 340 procedure/skills videos, image library and PresentationMaker component to support presentations
- Micromedex drug information, IV compatibilities, drug/herbal/food interactions, other pharmaceutical tools & calculators; also includes Pediatric Essentials & NeoFax Essentials

LIBRARIAN SUPPORT A wide range of library services are provided by the HonorHealth librarian team, which consists of 4.0 FTE American Library Association accredited medical librarians. Outside of physically staffed hours at each location, librarians can be emailed or contacted by phone at the health science library locations.

Personalized services available at HonorHealth libraries include:

- Mediated (librarian-assisted) literature searching using databases and search engines that access published and unpublished evidence (results delivered with 48 hours of receiving request)
- Mediated “state of the science” literature reviews, including a synopsis of findings and critical appraisal of the literature, to support patient care needs
- Mediated searching for acute & chronic disease management and general health & wellness information for patients & families (results delivered within 48 hours of receiving request)
- Research consultations, including research question brainstorming and development using the PICOT algorithm, identification of appropriate resources for searching, search strategy development and database manipulation guidance
- Citation management, presentation and publishing support, including identification of appropriate journals to consider for submission and formatting, reference lists and footnoting support according to publisher’s instructions for authors.
- Document retrieval & delivery (delivery frequently same-day, otherwise 1-3 days of receiving request)
- One-on-one and small group training on all library databases & tools, ranging from quick overviews of resources & research tools to advanced/expert search strategy training
- Technical assistance and training for the UpToDate clinical decision website and mobile app, the ClinicalKey site and mobile app, and the Micromedex suite and mobile apps.
- Meeting and collaboration space which includes a large conference table with electrical outlets
- Provision of reliable, easy-to-read, evidence-based consumer health & wellness resources for patients & families as well as for fellows & faculty as they communicate with and educate their patients
- Health literacy consultation services, including review of proposed patient education & discharge instructions and recommendations to improve readability and comprehension, which improves patient outcomes overall and reduces hospital readmissions

CONTENT HonorHealth Library Services provide access to numerous prints & electronic resources. Many have been acquired through membership to the Arizona Health Information Network (AZHIN), a statewide consortium uniting communication technology and resource access in the Arizona health care and health education communities. Other resources are acquired through Library Service’s operation budget and HonorHealth Foundation funding. Resources include:

- Evidence-based medicine (Cochrane Library, Access Medicine, UpToDate, FirstConsult)
- Journal literature databases (PubMed, Ovid Medline, Ebsco Medline with Full Text, CINAHL)

Complete, Health Business Elite)

- Research and scholarly project tools (research instruments/scales, theses/dissertations)
- Faculty resources (ProceduresConsult, Teacher Reference Center)
- eBooks, Full-text (ClinicalKey, Access Medicine and EM, TDS (formerly STAT!Ref), Ovid Books)
- eJournals, Full-text (JAMA and JAMA Archives, Lancet, NEJM, and thousands more through Medline with Full Text, CINAHL Complete, ClinicalKey and other database collections)
- Drug information (Micromedex and Lexi-Comp via UpToDate)

See Appendix C for detailed descriptions of these resources.

HonorHealth Research Institute

The HonorHealth Research Institute (HRI) provides both institutional and scientific review for all research activities at the organization, including the scholarly projects of fellows and faculty. All research performed at HonorHealth is based on scientific principles and carried out using the highest quality standards. The HRI assists in setting the standard for excellence in personalized healthcare by developing a culture of inquisitiveness, leading to the provision of the best evidence-based medicine to patients and the community. HRI provides the following:

- research administration staff responsible for ensuring that all research performed at HonorHealth is in compliance with relevant state and Federal requirements and that it fulfills the HonorHealth mission;
- documentation to guide researchers through the process of both investigator- and sponsor-initiated studies;
- guidance on scientific and institutional review board submissions;
- access to human subject protections training;
- access to local resources, including statisticians and other personnel experienced in research;
- Office of Sponsored Programs (OSP), which is responsible for supporting researchers in the identification and submission of grants.

PART III – INVENTORY OF SCHOLARLY ACTIVITIES

Fellows Activities

PUBLISHED JOURNAL ARTICLE/ABSTRACT/ SUBMITTED MANUSCRIPT/PEER REVIEWED PUBLICATION

Trainee Name	Scholarly Activity Title	Completion Date
Evans, Matthew	Opioid use disorder and covid-19: implications for policy and practice. Submitted to AAPA journal and has been peer reviewed.	10/9/20

UNPUBLISHED JOURNAL ARTICLE/ABSTRACT/ SUBMITTED MANUSCRIPT/PEER REVIEWED PUBLICATION

Trainee Name	Scholarly Activity Title	Completion Date
Igwe, Michael	Initiation of Medication assisted treatment for Opioid Use disorders during hospitalization. A Retrospective analysis	Ongoing

QUALITY IMPROVEMENT PROJECTS

Trainee Name	Scholarly Activity Title	Completion Date
Evans, Matthew	"Hepatitis C Treatment Program Implementation in Arizona into the Addiction treatment Setting". Based on community assessment of access to HCV treatment, needs of patients with concurrent HCV and SUD, and expertise of clinicians in CBI, proposed strategies to implement a Hepatitis C treatment program at CBI (e.g., system improvement). Project Proposal	4/24/20
Igwe, Michael	SAM184: Buprenorphine uptake during pregnancy following the 2017 guidelines update on prenatal opioid use disorder	4/20/23
Williams, Angelo	"Initiation of Pre-Exposure Prophylaxis Medication in HIV negative patients in the substance use population" A survey of inclusion criteria and level of interest in starting PrEP medication has been created. The intent of the survey is to increase willingness of patients who have ever had unprotected sex and HIV negative to start PrEP for HIV. A survey will be presented to Community Bridges, Inc. (CBI) clinical faculty members mid-May 2021 for implementation consideration. Project Proposal	In process (anticipated completion May 2021)

PRESENTATIONS/POSTERS/ABSTRACTS/ACAAM DIDACTICS

Trainee Name	Scholarly Activity Title	Completion Date
Igwe, Michael	Presentation: Benzodiazepines. Family Medicine Residency Program. Scottsdale, AZ	2/08/23
Igwe, Michael	Presentation with Dr. Sucher: Impairment in Health Professionals. ACAAM presentation.	08/07/22

Igwe, Michael	Epidemiology of Substance Use Disorders	07/20/22
Igwe, Michael	Sedative Hypnotic use disorders: Screening, diagnosis, withdrawal and medical management	07/27/22
Igwe, Michael	Alcohol withdrawal and use disorder management	08/03/22
Igwe, Michael	Critical assessment of research in addiction	08/10/22
Igwe, Michael	The Science, Risks, and Efficacy of Medical Cannabis; Diagnosis and Treatment of Cannabis Use Disorder	08/24/22
Igwe, Michael	Working Together to Reduce Harm and Improve Safety for People Who Use Substances	08/31/22
Igwe, Michael	Maternal Substance Use in Pregnancy: Effects on the Neonate	09/07/22
Igwe, Michael	Professionalism in Addiction: Ethics, Legal Issues, and Advocacy	09/14/22
Igwe, Michael	Substance use disorders in women	09/21/22
Igwe, Michael	Adolescent Substance Use: A Time for Prevention, Early Intervention & Treatment	09/28/22
Igwe, Michael	More didactics attended till date	
Evans, Matthew	Presentation: "Trauma Informed Care and Harm Reduction" HonorHealth Family Medicine Residency Program. Scottsdale, AZ. (virtual)	1/14/21
Evans, Matthew	Presentation: MAT ECHO Case Presentation "Addressing Ambivalence". HonorHealth Thompson Peak Medical Center. Scottsdale, AZ.	12/18/20
Williams, Angelo	Presentation: "Cannabis Overview". Marijuana Overview Lecture Mesa, AZ.	12/11/20
Evans, Matthew	Presentation: "Alcohol Use Disorder and Alcohol Withdrawal Syndrome". Family Medicine Residency Program. Scottsdale, AZ. (WebEx)	12/9/20

Williams, Angelo	Presentation: "ADHD and Substance Use Disorder" Lecture. Mesa, AZ. CBI Addiction Medicine Fellowship. Meeting sponsor: Dr Sucher	10/20/20
Evans, Matthew	Presentation: "Introduction to Hepatitis C Treatment" Hepatitis C Didactic Lecture. CBI Addiction Medicine Fellowship. Phoenix, AZ.	10/16/20
Williams, Angelo	Presentation: Presentation: MAT ECHO Case Presentation "Patient YYY". HonorHealth Thompson Peak Medical Center. Scottsdale, AZ.	9/25/20
Evans, Matthew	Presentation: MAT ECHO Case Presentation "Patient XXX". HonorHealth Thompson Peak Medical Center. Scottsdale, AZ.	9/25/20
Evans, Matthew	Presentation: "Drug Testing" HonorHealth Family Medicine Residency Program. Scottsdale, AZ.	9/15/20
Evans, Matthew	Presentation: MAT ECHO Case Presentation "Patient XXX". HonorHealth Thompson Peak Medical Center. Scottsdale, AZ.	8/28/20
Evans, Matthew	Presentation: "Trauma Informed Care and Harm Reduction". CBI Addiction Medicine Fellowship. Meeting sponsor, Eric Lott.	8/21/20
Evans, Matthew	Presentation: MAT ECHO Case Presentation "Patient XXX". HonorHealth Thompson Peak Medical Center. Scottsdale, AZ.	5/22/20
Evans, Matthew	Presentation: MAT ECHO Case Presentation "Patient XXX". HonorHealth Thompson Peak Medical Center. Scottsdale, AZ.	2/28/20

MAT ECHO SESSIONS

Trainee Name	Scholarly Activity Title	Completion Date
Igwe, Michael	Safe Methadone Take Homes	05/19/23
Igwe, Michael	Harm Reduction for Stimulants	05/05/23
Igwe, Michael	Physician/Healthcare Professional Health and OUD	04/21/23
Igwe, Michael	Psychedelics as a medicated-assisted therapy for people with substance misuse and use disorder	04/07/23
Igwe, Michael	Safe Consumption sites	03/24/23
Igwe, Michael	Chronic Pain & Complex Opioid Dependence	03/10/23
Igwe, Michael	Quarterly Research Update	02/24/23
Igwe, Michael	Treatment of pregnant women with OUD	02/10/23
Igwe, Michael	Neonatal Opioid Withdrawal	01/27/23
Igwe, Michael	Stigma, Access to Treatment, and SAMHSA's proposed changes to methadone prescribing	01/13/23
Igwe, Michael	Telehealth Medication-Assisted Treatment Strategies	12/16/22
Igwe, Michael	Drug Policy	12/02/22
Igwe, Michael	Infectious Disease and Injection drug use	11/18/22
Igwe, Michael	Opioid use disorder treatment for adolescents	10/28/22
Igwe, Michael	Inclusion of other SUD in MAT treatment centers	10/14/22
Igwe, Michael	Patient Advocacy: Assisting Patients in Navigating the Health Care System	09/30/22
Igwe, Michael	Improving Outcomes in Peripartum Opioid Use Disorder	09/16/22

Igwe, Michael	LGBTQIA Patients	09/02/22
Igwe, Michael	Quarterly Research Update	08/19/22
Igwe, Michael	Suicide Prevention for Patients with Substance Use Disorder	08/05/22
Igwe, Michael	Quarterly Research Update	07/22/22
Igwe, Michael	Comorbid Mental Health Disorder Treatment and Referral	07/08/22
Igwe, Michael	Provider Biases and Impact on Patient Care	06/24/22
Igwe, Michael	Considerations for Medication-Assisted Treatment in Rural Areas	06/10/22
Williams, Angelo	"MAT Reimbursement"	3/26/21
Williams, Angelo	"Introduction to Social Determinants of Health"	2/26/21
Evans, Matthew	"Introduction to Social Determinants of Health"	2/26/21
Williams, Angelo	"Using Person-Centered Language in Practice and Policy"	2/12/21
Williams, Angelo	"Buprenorphine Induction/Initiation"	1/29/21
Evans, Matthew	"MAT ECHO Orientation"	1/15/21
Williams, Angelo	"Future of MAT treatment"	12/18/20
Evans, Matthew	PRESENTER (see above) "Future of MAT treatment"	12/18/20
Williams, Angelo	"Inclusion of other SUD in MAT treatment centers"	12/4/20
Evans, Matthew	"Inclusion of other SUD in MAT treatment centers"	12/4/20
Williams, Angelo	"Co-occurring physical and MH disorders"	11/20/20
Evans, Matthew	"Co-occurring physical and MH disorders"	11/20/20
Williams, Angelo	"Adolescent Care"	10/23/20
Evans, Matthew	"Adolescent care"	10/23/20
Williams, Angelo	"Neonatal Opioid Withdrawal"	10/9/20
Evans, Matthew	"Neonatal Opioid Withdrawal"	10/9/20
Williams, Angelo	"Treatment of pregnant women with OUD"	9/25/20
Evans, Matthew	PRESENTER (see above) "Treatment of pregnant women with OUD"	9/25/20
Williams, Angelo	"Use of drug testing"	9/11/20
Evans, Matthew	"Use of drug testing"	9/11/20
Williams, Angelo	"Harm Reduction Techniques/Helping Pt's navigate in an abstinence only world"	8/28/20
Evans, Matthew	PRESENTER (see above) "Harm Reduction Techniques/Helping Pt's navigate in an abstinence only world"	8/28/20
Evans, Matthew	"Management of Pain in Patients with OUD"	8/14/20
Evans, Matthew	"Assessment for Higher Levels of Care"	7/31/20
Evans, Matthew	"Clinic workflow (part 1)"	6/19/20
Evans, Matthew	"Non-Judgmental Communication Skills"	6/5/20
Evans, Matthew	PRESENTER (see above) "MAT Induction"	5/22/20
Evans, Matthew	"MAT Medication Overview"	5/8/20
Evans, Matthew	"Evidence-Based Screening and Brief Intervention Techniques"	4/24/20
Evans, Matthew	"Continuation -Medication-Assisted Treatment Amid COVID-19"	4/10/20
Evans, Matthew	"Medication-Assisted Treatment Amid COVID-19"	3/27/20
Evans, Matthew	PRESENTER (see above) "Introduction to OUD"	2/28/20
Evans, Matthew	"Stigma"	2/14/20

FELLOWSHIP JOURNAL CLUB

Trainee Name	Scholarly Activity Title	Completion Date
Igwe, Michael	A prospective, randomized trial of the effect of buprenorphine continuation versus dose reduction on pain control and post-operative opioid use. Analysis	2/10/23
Williams, Angelo	"Adaptations to substance use disorder mentoring by physician health programs in response to Covid-19" <i>J Subst. Abuse Treat.</i> 2021 Jun; 125: 108281. DOI: 10.1016/j.jsat.2021.108281	2/10/21

PROFESSIONAL ACTIVITIES/COMMITTEES

Trainee Name	Scholarly Activity Title	Completion Date
Igwe, Michael	Peer Review Committee	Jun 2022 – Jun 2023
Igwe, Michael	Cultural Competency Committee	Jun 2022 – Jun 2023
Evans, Matthew	Peer Review Committee	Jan 2020 – Jan 2021
Evans, Matthew	Cultural Competency Committee	Jan 2020 – Jan 2021
Williams, Angelo	Peer Review Committee	July 2020- June 2021
Williams, Angelo	Cultural Competency Committee	July 2020- June 2021

Faculty Activities

PRESENTATIONS/POSTERS/ABSTRACTS/RESEARCH PROJECTS:

Faculty Name(s)	Scholarly Project Title
Lott, E	Presentation: HonorHealth Grand Rounds Presentation: 12-20-2022: SUDS: Principles of Addiction Medicine & Treating OUD in the Inpatient Setting. -Eric S. Lott, MD, FASAM. Dr. Mike Igwe, MD
Lott, E	Presentation: HonorHealth Internal Medicine Presentation: 4-27-2023: SUDS: Evaluation and Treatment of OUD in the Inpatient Setting. -Eric S. Lott, MD, FASAM
Lott, E.	Presentation: MOUD ECHO Arizona Presentation 4-21-2023: Opioid Use Disorder and Healthcare Professionals, presented by Eric Lott, MD, FASAM.
Sucher, M	Presentation: ACAAM Weekly Didactics Session Presentation: 8-17-2023: Impairment in Health Professionals, presented by Michel Sucher, MD, FASAM.

PROFESSIONAL ACTIVITIES/COMMITTEES

Faculty Name(s)	Scholarly Activity
Celjo, A	American Medical Association (current)
Lott, E	Program Evaluation Committee, HonorHealth (present)
Lott, E	American Medical Association (current member)
Lott, E	Federation of State Physician Health Programs: Voting Member for the State of Arizona, Committee Member for the Nominating Committee
Lott, E	American Society of Addiction Medicine: Member from 2017-Present
Lott, E	Professional Medical Monitoring Program of Arizona: Medical Director
Lott, E	Community Bridges Inc.: Medical Director of Addiction Medicine
Lott, E	Arizona Medical Association: Member
Lusko, A	ACOFPP (current)
Lusko, A	American Osteopathic Association (current)
Lusko, A	American Academy of Family Medicine (current)
Lusko, A	American Academy of Addiction Medicine(current)
Lusko, A	National Osteopathic Women’s Medical Physicians Association (current)
Sucher, M	Clinical Competency Committee, Chairperson, HonorHealth (current)
Sucher, M	Clinical Competency and Program Evaluation Committees, HonorHealth, Member(present)
Sucher, M	American Society of Addiction Medicine(1986-current)
Sucher, M	Federation State Physician Health Program, Planning & Policy committee (2018 – present)
Sucher, M	AZ Governor’s Task Force on the Opioid Crisis, (2017-present)
Sucher, M	Credentials, Peer Review and Pharmacy Committees, Community Bridges (2015- present)
Sucher, M	Credentials Committee, HonorHealth (formerly Scottsdale Healthcare (2002 – present)
Sucher, M	Physician Health Program, HonorHealth formerly SHC (medical director, 2000-present)
	Arizona Medical Association, Physician Health Aftercare Monitoring Program (1990-2014)

PUBLISHED CHAPTER, TEXTBOOK, OR ONLINE MODULE

Faculty Name(s)	Scholarly Project Title
Lott, E	Pocket Addiction Medicine (American Society of Addiction Medicine). First Edition. Wakeman, SE, Lee JD, Alvanzo AH. Eric S. Lott, MD, FASAM, Anthony J. Accurso, MD. Toxicology Testing Chapter. (2022)

PUBLISHED JOURNAL ARTICLE/ABSTRACT/MANUSCRIPT SUBMISSION

Faculty Name(s)	Scholarly Project Title

APPENDIX A: Didactics Master Schedule

American College of Academic Addiction Medicine (ACAAM) National Didactic Curriculum Sessions

Presenter(s)	Lecture Title/Topic	Location	Date
Timothy K. Brennan, MD MPH Icahn School of Medicine at Mount Sinai	Epidemiology of Substance Use Disorders / A Recurrent Case of Insanity, but not in a patient	Via Zoom	7/20/2022
Elizabeth F. Howell, MD MS, Megan McCarrren, MD University of Utah School of Medicine	Sedative-Hypnotic Use Disorders: Screening, Diagnosis, Withdrawal, and Medical Management	Via Zoom	7/27/2022
Randall Brown, MD PhD DFASAM University of Wisconsin	Alcohol Withdrawal & Use Disorder Pharmacotherapy	Via Zoom	8/2/2022
P. Todd Korthuis, MD MPH & Ryan Cook, PhD MSPH Oregon Health & Sciences University	Critical Assessment of Research in Addiction	Via Zoom	8/10/2022
Michel A. Sucher, MD Community Bridges Arizona / Honor Health	Impairment in Health Professionals	Via Zoom	8/17/2022
Nassima Ait-Daoud Tiouririne, MD University of Virginia School of Medicine	The Science, Risks, and Efficacy of Medical Cannabis; Diagnosis and Treatment of Cannabis Use Disorder	Via Zoom	8/24/2022
Open Access Didactic Session- International Overdose Awareness Day	Working Together to Reduce Harm and Improve Safety for People Who Use Substances -This two-hour webinar will feature a didactic presentation on harm reduction in addiction medicine by Alexander Y. Walley, MD MSc, Boston University School of Medicine, Boston, MA, followed by a panel discussion with a multidisciplinary group on the front lines of substance use care focused on working together to reduce harm and improve safety for people who use substances.	Via Zoom	8/31/2022

Martha J. Wunsch, MD, ACAAM Immediate Past President	Maternal Substance Use in Pregnancy: Effects on the Neonate	Via Zoom	9/7/2022
Michael F. Weaver, MD University of Texas Health Science Center at Houston	Professionalism in Addiction: Ethics, Legal Issues, and Advocacy	Via Zoom	9/14/2022
Sarah Abdelsayed, MD University at Buffalo	Substance Use Disorders in Women	Via Zoom	9/21/2022
Ilan Z. Remler, MD Kaiser Permanente of Northern CA	Background, Epidemiology, Regulatory Issues	Via Zoom	10/12/2022
Michael S. Radeos, MD MPH NYC Health + Hospitals / Coney Island	Gambling Disorder: Screening, Diagnosis, and Management	Via Zoom	10/19/2022
Kevin Kunz, MD MPH, Hawaii Island Community Health Center, Stephen M. Taylor, MD MPH, NBA/NBPA Player Assistance/Anti-Drug Program & Pathway Healthcare, Ximena A. Levander, MD, Oregon Health & Science University	Transformative Change	Via Zoom	10/26/2022
William F. Haning, III, MD, and Miki Kiyokawa, MD University of Hawaii	Stigma and Discrimination in Addiction	Via Zoom	11/2/2022
Anna Lembke, MD Stanford University	Opioids and Opioid Use Disorder: A Board Review	Via Zoom	11/9/2022

Sheila M. Specker, MD, Ese Aghenta, MD University of Minnesota Medical School	Co-Occurring Psychiatric and Substance Use Disorders	Via Zoom	11/16/2022
Jeanette M. Tetrault, MD, Melissa Weimer, DO MCR, Shawn Cohen, MD, Erica Heiman, MD Yale-New Haven Medical Center	Co-Occurring Medical Disorders in Addiction Medicine	Via Zoom	11/30/2022
Sheryl A. Ryan, MD Penn State Hershey Medical Center	Screening and Brief Intervention for Substance Use	Via Zoom	12/7/2022
Karen S. Atencio, MD, and Elisa Gumm, DO University of Arizona College of Medicine, Tucson	Co-Occurring Pain Disorders in Addiction Medicine	Via Zoom	12/14/2022
Fred W. Rottnek, MD St. Louis University School of Medicine	Jails, Prisons, Detention Centers, & SUDs / Addiction Medicine's Opportunity to Reduce Disparities in Substance Use Services in the Legal Settings among BIPOC & Minority Groups	Via Zoom	12/21/2022
Steven G. Sugden, MD MPH MSS and Melissa Cheng, MD University of Utah School of Medicine	History of Addiction Treatment	Via Zoom	1/4/2023
Joseph G. Lurio, MD, Institute for Family Health & Douglas B. Marlowe, JD PhD, National Association of Drug Court Professionals, with special guest Kim McGinnis, PhD Esq., Chief Judge - Pueblo of Pojoaque	Drug Courts	Via Zoom	1/11/2023

Yasmin Hurd, PhD Icahn School of Medicine at Mount Sinai	Cannabidiol and Addiction: Separating Science from Fiction	Via Zoom	1/25/2023
Valerie A. Carrejo, MD University of New Mexico	Toxicology Testing in Addiction	Via Zoom	2/1/2023
Sharon J. Levy, MD MPH, Omar Shah, MD Boston Children's Hospital / Harvard University	Addiction Across the Lifespan 1: The Impact of Substance Use on the Developing Adolescent Brain	Via Zoom	2/8/2023
Abigail R. Plawman, MD, James Raspanti, DO MultiCare Health System	Addiction Across the Lifespan 2 - Geriatric Populations	Via Zoom	2/15/2023
The Team from Loma Linda University Health Education Consortium	No Butts! The Imperative of Addressing Nicotine and Tobacco	Via Zoom	2/22/2023
Marshall Bedder, MD, Charlie Norwood VAMC Medical College of Georgia, Augusta University	Addiction Medicine in Veteran Populations	Via Zoom	3/1/2023
A. Kenison Roy, III, MD Tulane University School of Medicine	AA for Professionals and Selected AA Literature for Professionals	Via Zoom	3/8/2023
James B. Becker, MD, Dan Brazeau, PhD, Thomas Burdon, MD, Todd Davies, PhD Marshall University School of Medicine	The Genetics of Addiction	Via Zoom	3/15/2023

Amanda Donald, MD, Daniel Ignell, MD Rush University Medical Center	Behavioral Addictions - Beyond Gambling	Via Zoom	3/22/2023
Paxton Bach, MD University of British Columbia, Vancouver	Addiction Medicine - A Canadian Perspective	Via Zoom	4/5/2023
Joseph A. Mott, MD FASAM, Karen Antwiler, MD, & Sandeep Mann, MD UC Riverside/Hazelden Betty Ford Center/Eisenhower Health	Anabolic-Androgenic Steroids (AAS)	Via Zoom	4/19/2023
Team from University of North Carolina Addiction Medicine Fellowship Training Program	Motivational Interviewing	Via Zoom	4/26/2023
Joseph M. Garbely, DO Tower Health / Caron Foundation	Substance Use Disorder Treatment Landscape (21-22 Series Recording)	Via Zoom	5/3/2023
Team from University of California San Francisco Primary Care Addiction Medicine Fellowship	Reducing Harm and Ensuring Equity for People who use Stimulants	Via Zoom	5/10/2023
Fellow-Only Networking Event	The final convening of the academic year will provide an opportunity for fellows (ACAAM members) to connect with colleagues from across the country in an open networking session, while discussing their future plans. This closing convening will also provide information about the value of ongoing connection through ACAAM's Recent Program Graduate membership for Board preparation and Recent Program Graduate Convenings scheduled for the 2023-24 academic year.	Via Zoom	5/17/2023

Daniel J.O. Roche, PhD University of Maryland	Neurobiology of Addiction	Via Zoom	5/24/2023
Claudia L.B. Moore, MD Kenneth A. Zoucha, MD FAAP FASAM University of Nebraska Medical Center	Hospice, Palliative Care, and Addiction Medicine: Common Ground	Via Zoom	5/31/2023
James S. Walsh, MD Swedish Medical Center	Perioperative Care of Patients with Opioid Use Disorder	Via Zoom	6/7/2023

APPENDIX B: MOUD ECHO Curriculum

2022 COURSE CURRICULUM



Medications for Opioid Use Disorder ECHO

- Matt Evans, MD
- Christopher Abert
- Barbara (Basia) Andraka-Christou, JD, PhD
- Michael Dekker, DO
- Lesley Manson, PsyD
- Natasha “Tasha” Mendoza, MSW, PhD
- Taylor Riedley, PharmD, BCPP
- Charrisa Riggs, FNP
- Beth Tranen, DO

All sessions take place from 12:00pm – 1:00pm.

Date:	Topic:	Session Lead:
Jan. 7, 2022	Introduction to MOUD ECHO	Adrienne Madhavpeddi
Jan. 21, 2022	Stigma	Chris Abert
Feb. 4, 2022	Fentanyl Trends and Their Effect on MOUD	Aaron Ferguson
Feb. 18, 2022	Historical Context of Racism in OUD Health Policy	Chris Abert
March 4, 2022	Quarterly Research Update	Basia Andraka-Christou
March 18, 2022	Supportive Services for New Moms in MOUD Treatment	Hushabye Nursery
April 1, 2022	Medication-Assisted Treatment Considerations for Surgical Patients	Rafik Saleh
April 15, 2022	Stigma Reduction for Diverse Patient Populations	Basia Andraka-Christou
April 29, 2022	Engaging Families in Medication-Assisted Treatment Services	Alexis Pleus
May 13, 2022	Managing Pain for Patients with Opioid Use Disorder	Charrisa Riggs
May 27, 2022	Patient Testimonial	Chris Abert
June 10, 2022	Considerations for Medication-Assisted Treatment in Rural Areas	Beth Tranen and Ben Brady
June 24, 2022	Provider Biases and Impact on Patient Care	Mike Dekker
July 8, 2022	Comorbid Mental Health Disorder Treatment and Referral	Taylor Riedley and Mike Dekker

July 22, 2022	Quarterly Research Update	Basia Andraka-Christou
Aug. 5, 2022	Suicide Prevention for Patients with Substance Use Disorder	Mike Dekker
Aug. 19, 2022	Quarterly Research Update	Basia Andraka-Christou
Sept. 2, 2022	LGBTQIA Patients	Beth Tranen and Tasha Mendoza
Sept. 16, 2022	Improving Outcomes in Peripartum Opioid Use Disorder	Lela Williams
Sept. 30, 2022	Patient Advocacy: Assisting Patients in Navigating the Health Care System	Chris Abert
Oct. 14, 2022	Quarterly Research Update	Basia Andraka-Christou
Oct. 28, 2022	Opioid Use Disorder Treatment for Adolescents	Anthony Dekker
Nov. 18, 2022	Infectious Disease and Injection Drug Use	Chris Abert
Dec. 2, 2022	Drug Policy	Basia Andraka-Christou
Dec. 16, 2022	Telehealth Medication-Assisted Treatment Strategies	Matt Evans

2021 COURSE CURRICULUM

Medication-Assisted Treatment ECHO



Beth Tranen, Christopher Abert, Charrisa Riggs, Basia Andraka-Christou, Michael Dekker, Steve Dudley

All sessions take place from 12:00pm – 1:00pm.

Date	Topic	Session Lead
Jan. 7, 2022	Introduction to MOUD ECHO	Adrienne Madhavpeddi
Jan. 21, 2022	Stigma	Chris Abert
Feb. 4, 2022	Fentanyl Trends and Their Effect on MOUD	Aaron Ferguson
Feb. 18, 2022	Historical Context of Racism in OUD Health Policy	Chris Abert
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Dec. 2, 2022	Drug Policy	Basia Andraka-Christou
Dec. 16, 2022	Telehealth Medication-Assisted Treatment Strategies	Matt Evans

APPENDIX C: Description of HonorHealth Library Services Resources

A. Evidence-based medicine

- The Cochrane Library is a collection of databases that contain high-quality, independent evidence to inform healthcare decision-making. It includes Cochrane Database of Systematic Reviews (CDSR) Cochrane Central Register of Controlled Trials (CENTRAL) and Cochrane Clinical Answers (CCA).
- MedCalc 3000 is a collection of over 520 calculators, clinical criteria set and decision trees that are indispensable to anyone practicing, teaching or studying evidence-based medicine. With every search you perform, TDS (formerly STAT!Ref) automatically presents links to relevant tools within MedCalc 3000. The complete contents of MedCalc 3000 include: Clinical Criteria Set, Decision Trees, Medical Equations, Unit and Dose Converters, Calculations and Equations by Specialty.

- UpToDate is an ACCME-accredited evidence-based clinical decision support resource provided for healthcare practitioners to help them make the right decisions at the point of care.

- FirstConsult (via ClinicalKey) is an authoritative, evidence-based and continuously updated clinical information resource for healthcare professionals. Designed for use at the point-of-care, it provides instant, user-friendly access to the latest information on evaluation, diagnosis, clinical management, prognosis, and prevention.
- Two-Minute Medicine (via Access Medicine) – concise and curated reviews and summaries of new medical studies. Studies are rated for the appraisal of evidence-based medicine.

B. Journal literature databases:

- The MEDLINE database is the premier biomedical database in the United States. It contains over 23 million references to more than 5,600 journals in life sciences with a concentration on biomedicine generally dating back to about 1949, with some older material. The subject scope of MEDLINE is biomedicine and health, broadly defined to encompass those areas of the life sciences, behavioral sciences, chemical sciences, and bioengineering needed by health professionals and others engaged in basic research and clinical care, public health, health policy development, or related educational activities. Access is provided via 3 different search platforms: Ovid, EBSCO, and National Library of Medicine (PubMed). All HonorHealth journal content is accessible through link resolvers in all 3 search platforms, making it easy for researchers to access full-text articles in real-time.
- CINAHL (Cumulative Index to Nursing and Allied Health Literature) provides indexing for more than 3,000 journals from the fields of nursing and allied health. The database contains more than 2.6 million records dating back to 1981. Offering complete coverage of English-language nursing journals & publications from the National League for Nursing and the American Nurses' Association, CINAHL covers nursing, biomedicine, health sciences librarianship, alternative medicine, consumer health and 17 allied health disciplines.
- Health Business Elite database covers the journal literature concerning the business of health care. It provides full-text coverage of more than 130 well-known administrative journals such as H&HN: Hospitals & Health Networks, Health Management Technology, Modern Healthcare, and many others, Critical for hospital administrators and managers, this subset of Health Business™ Elite includes publications covering topics such as staffing, health care regulation, health care facilities management, marketing, finance and more.

C. Research/Scholarly Activity and Faculty resources

- Research instruments (scientific scales, tests & measurements) from a variety of indexes and sources, such as the American Psychological Association, the National Library of Medicine and ETS.
- Theses & dissertations published by colleges and universities throughout the world (via

interlibrary- loan), found in indexes such as ERIC, Networked Digital Library of Theses & Dissertations, OpenTheses.org, Registry of Open Access Repositories (ROAR), and OCLC WorldCat.

- Arizona Department of Health Services (state and local public health data)
- Guidelines Trust (ERCI) and National Quality Measures (from the U.S. Agency for Healthcare Research and Quality)
- TOXNET, a National Library of Medicine database on toxicology, hazardous chemicals, environmental health and toxic releases
- GreenFILE database of published literature concerning environmental issues

D. Faculty Resources

- ProceduresConsult (via ClinicalKey) provides over 300 educational videos on procedures in Emergency, Internal Medicine, Anesthesiology, General Surgery, Cardiology and other specialties.
- Teacher Reference Center, an index of 280 peer-reviewed journals for teachers, covering topics like assessment, best practices, continuing education, and curriculum development

E. Textbooks (electronic & print)

- ClinicalKey contains over 1100 medical and nursing e-textbooks and manuals.
- TDS (formerly STATRef) includes over 140 medical and nursing e-textbooks.
- Ovid Books provides a small collection of LWW medical & nursing reference e-books
- HonorHealth Library Services provides immediate, direct access to over 1,900 clinical texts, 240 leadership & management books, and over 1,800 consumer health & wellness books. These collections cover a wide range of specialty and subject areas (see below). Library Services also provides rapid interlibrary loan (ILL) services for any texts we do not own in our collection. Typical response time on ILL requests is 2 business days. Categories include:
 - a) Primary care/Family Medicine/Internal Medicine
 - b) Obstetrics & Gynecology
 - c) Surgery & Perioperative Care
 - d) Oncology
 - e) Subspecialties including Gastroenterology, Neurology, Orthopedics, Heart & Vascular, Dermatology, Psychiatry, Pediatrics, and Geriatrics

- f) Business leadership & management
- g) Health business, management and leadership
- h) Professional development & certification (“test prep”) materials
- i) Various consumer health & wellness and chronic disease management topics, in alignment with HonorHealth priorities

F. eJournals, Full-text

- JAMA and JAMA Archives, Lancet, NEJM available electronically
- Thousands of journal titles available through Medline with Full Text, CINAHL Complete, ClinicalKey and other database collections (title lists available upon request).

G. Drug information

- Micromedex provides information and complete monographs on thousands of drugs. It includes toxicity information, therapeutic doses, pill identification, and dosing calculators. The complete drug monographs in this resource are often considered to be the “gold standard”.
- Lexi-Comp, available through UpToDate, is another drug information product, with features including aural pronunciation of the drugs’ names and chemotherapy regimens.
- FDA Electronic Orange Book (consumer information on generic drugs)

H. Herbals & Supplements

- National Center for Complementary & Integrative Health (NCCIH) resources (including clinical practice guidelines and literature reviews for health care professionals)

I. Patient Education/Consumer Health/Literacy resources

- MEDLINEplus (Consumer health info from the National Library of Medicine)
- CareNotes patient education resources (via Micromedex suite)
- Basics & Beyond the Basics series (via UpToDate)
- ExitCare (via ClinicalKey)
- Healthwise patient education resources
- A wide variety of health literacy toolkits and resources, including resources for Ask Me 3 and TeachBack