

PROMOTION RECOMMENDATION
THE UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF PSYCHIATRY

Anne Fernandez, Ph.D., assistant professor of psychiatry, Department of Psychiatry, Medical School, is recommended for promotion to associate professor of psychiatry, with tenure, Department of Psychiatry, Medical School.

Academic Record:

Ph.D.	2013	University of Rhode Island
M.A.	2009	University of Rhode Island
B.S.	2003	University of Washington

Professional Record:

2016-present Assistant Professor of Psychiatry, University of Michigan

Summary of Evaluation:

Teaching: Dr. Fernandez's teaching includes formal didactic lectures, clinical supervision, and mentoring in research. She supervises psychology practicum students and medical students in assessment and treatment of substance use disorders at the University of Michigan Addiction Treatment Services (UMATS) and at the multidisciplinary alcohol-related liver disease clinic. Her research mentorship involves graduate, undergraduate (Psych 326), medical students, and post-doctoral T32 research fellows which have led to numerous papers and posters. Dr. Fernandez also regularly lectures and presents to trainees, peers, and the community on topics related to substance use disorders, the etiology of alcohol use, alcohol-related liver disease, brief interventions, and multidisciplinary care. She teaches research fellows about grant writing and professional development in the Department of Psychiatry and as part of the Institute for Healthcare Policy and Innovation. Dr. Fernandez consistently receives very good to excellent ratings on teaching evaluations. Since January 2020, Dr. Fernandez has served as the lead faculty organizer of a highly successful lunch and learn series launched in the University of Michigan Addiction Treatment Services program. This series is the first related to this critical topic at Michigan Medicine. There are often over 50 attendees who attend this monthly lecture series on applied addiction-related clinical topics. The series is open to providers who wish to further their knowledge on the etiology and treatment of addiction.

Research: Dr. Fernandez's research has three goals: 1) expanding access to substance use disorders screening, intervention, and treatment; 2) advancing our understanding of substance use disorders consequences; and 3) integrating precision health approaches to identify and predict substance use disorders risk at critical moments in care. She uses a range of methodological approaches, employing qualitative methods, rigorous quantitative methods, and using natural language processing and other machine-learning based approaches to reach these research goals. Dr. Fernandez has over \$5 million in grant-funded research on which she is the principal investigator. These grants include a K23 career development award and an R21/R33 award funded by NIAAA, a six-year federally funded evaluation of Michigan's 1115 SUD treatment expansion and two University of Michigan-funded studies, including an R21-size precision health award to understand and prevent persistent opioid use after surgery. In addition, she holds active co-investigator roles on three federal and state-funded grants.

Dr. Fernandez's team science involves expanding alcohol use disorder treatment access to patients with advanced alcohol-related liver disease. She and two colleagues founded the nation's first multidisciplinary alcohol-related liver disease clinic in partnership with the Michigan Medicine Hepatology Group. The clinic goal is to treat alcohol-related liver disease and alcohol use disorder in one co-located setting. She and her team have published work on alcohol-related liver disease etiology and treatment has deepened the field's understanding of the scope and impact of this disease and our clinical model and data-driven outcomes are a road map for future multidisciplinary care endeavors for these co-occurring disorders. As a team, they are at the forefront of clinical research. Dr. Fernandez is the recipient of the Elizabeth Caroline Crosby Research Award in 2018 to support addiction research awarded by Advance at the University of Michigan. She is the recipient of additional national honors and awards including the New Investigator Award in Addiction Health Services Research awarded by the National Institute of Alcohol Abuse and Alcoholism (2019) for her contributions to addiction-related health services research. In 2020, she received the Faculty Representative honor at the Association of American Medical Colleges Early Career Women Faculty Leadership Development Seminar (Competitive Nomination and National Selection Process). Dr. Fernandez is author of 46 peer-reviewed publications, many in high-impact journals, two book chapters, and frequently presents research findings at national conferences. Nationally, she has served as an ad hoc reviewer on two NIH study sections.

Recent and Significant Publications:

Mellinger JL, Winder GS, Fernandez AC, Klevering K, Johnson A, Asefah H, Figueroa M, Buchanan J, Blow F, Lok ASF: Feasibility and Early Outcomes from a Novel Multidisciplinary Alcohol-related Liver Disease Clinic. *Journal of Substance Abuse Treatment*. Epub ahead of print. 2021.

Fernandez, A.C. Guetterman, T.C. Borsari, B. Mello, M.J. Mellinger, J. Tonnesen, H. Hosanagar, A. Morris, A.M. Blow, F.C: Gaps in Alcohol Screening and Intervention Practices in Surgical Healthcare: A Qualitative Study. *Journal of Addiction Medicine* 15(2): 113-119, 2021.

Gicquelais RE, Jannausch M, Bohnert ASB, Thomas L, Sen S, Fernandez AC: Links between suicidal intent, polysubstance use, and medical treatment after non-fatal opioid overdose. *Drug and Alcohol Dependence* 212: Epub ahead of print. 2020.

Fernandez AC, Gicquelais RE, Jannausch M, Bohnert ASB: The Role of Drugs in Alcohol Poisoning and Blackout Events: A Latent Class Analysis of a Residential Treatment Sample. *Alcoholism, Clinical and Experimental Research* 43(11): 2431-2437, 2019.

Fernandez AC, Waller R, Walton MA, Bonar EE, Ignacio RV, Chermack ST, Cunningham RM, Booth BM, Ilgen MA, Barry KL, Blow FC: Alcohol use severity and age moderate the effects of brief interventions in an emergency department randomized controlled trial. *Drug and Alcohol Dependence* 194: 386-394, 2019.

Service: Dr. Fernandez serves as the lead organizer of the University of Michigan Addiction Treatment Services Lunch and Learn Addiction Education Series Planning Committee. She is a current member of three Data Safety Monitoring Boards in the Department of Psychiatry and in 2021, she became a member of the University of Michigan Addiction Treatment Services, Diversity, Equity, and Inclusion Planning Committee. She has also served on the Department of Psychiatry's Psychotherapy Competency Committee and the Clinical-Research Integration Task Force. Dr. Fernandez also serves as the director of clinical programming at UMATS and the multidisciplinary alcohol-related liver disease clinic where she oversees implementation and delivery of evidence-based services for the treatment of substance

use disorders across cross-disciplinary settings. Dr. Fernandez serves as the consulting editor of *Psychology of Addictive Behaviors*. She is an ad hoc reviewer for 20 journals including: *Addiction*, *Addictive Behaviors* and the *Journal of Substance Abuse Treatment*. Dr. Fernandez's clinical work involves providing assessment and treatment of substance use disorders and co-occurring disorders across two clinic settings within the University of Michigan Addiction Treatment Services and the alcohol-related liver disease clinic. She has specialized expertise in addiction, liver disease, and behavioral medicine with an interest in multidisciplinary care for complex medical populations. These skills make her a unique provider well suited to her work in multidisciplinary medical settings. By taking advantage of large healthcare datasets to increase the impact and scientific rigor of her research, Dr. Fernandez applies cutting-edge methodologies including innovative precision health methods to identify patients in need of intervention. She is frequently sought after to speak and provide clinical training related to motivational interviewing, brief interventions, alcohol use disorders, and alcohol-related liver disease.

External Reviewers:

Reviewer A: "...she has made novel contributions in identifying how age is a moderator for a computer-based brief intervention deployed in emergency departments to reduce alcohol use, and also in identifying gaps in alcohol screening and brief interventions in the context of surgical care, where alcohol use is a risk factor for negative postoperative outcomes...Dr. Fernandez's excellence in research is exemplified in her peer-reviewed publications...Notably, these publications have appeared in top-tier journals...Dr. Fernandez has played a key role in improving clinical care for alcohol-related liver disease (ALD) through her work to establish, with two colleagues, the nation's first multidisciplinary ALD clinic that incorporates hepatology, psychiatry, and psychology in the same site."

Reviewer B: "Dr. Fernandez has produced quality work that has been published in several very good addiction specialty journals...her recent work has a programmatic focus, addressing alcohol misuse and alcohol misuse risk around the experience of surgery/medical procedures (both leading up to and following). This is an important and under addressed issue that has the potential to provide a unique niche for Dr. Fernandez as she continues to build her career...In terms of impact on the field, the number and variety of invited presentations she has had is very good for her career level and suggests that her work has made an impact."

Reviewer C: "She seems to be a very accomplished Early Career Psychologist. I am impressed with the quality, quantity, and focus of her scholarly work...The content is interesting and important, the qualitative approach is appealing, and she has assembled a team of high-quality co-investigators to work with her...As an Early Career Psychologist, Dr. Fernandez is clearly in the top 95% of all who are in her peer group...Our P&T committee would promote her to Associate Professor with tenure in the blink of an eye."

Reviewer D: "...and her citation rate shows a clear upward trajectory. She has published her work in strong outlets for addiction science...She has also published in top psychology/psychiatry journals...Another strength of Dr. Fernandez's case for promotion is her track record for securing competitive federal funding...The use of alcohol by post-surgery bariatric patients is a growing area of concern in the alcohol field, particularly as this surgery becomes more common. Her work in this area has the potential to play an important role on a timely and developing issue...These panels only rarely include Assistant Professors, so Dr. Fernandez being invited to serve on them is a clear indication of her experience and reputation with NIH...In addition, her funding profile to date is consistent with

someone who is highly likely to be awarded an R01 in the near future, and to be consistently funded at this level throughout her career.”

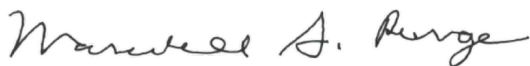
Reviewer E: “I am aware of very few early career addiction researchers whose expertise spans such a wide range of modalities and substances, encompassing both traditional clinical trial designs and health services research...Perhaps most impressively, [she] has already received federal funding across those domains...thus putting her in an ideal position to continue to support an independent and high-impact research program...it is clear that Dr. Fernandez is an extremely intelligent and creative scientist and I fully expect her to continue to make these significant contributions to the field...Moreover, her impressive early career accomplishments have been formally recognized via prestigious awards from national organizations, including NIAAA and the Association of American Medical Colleges...Her research address highly significant public health issues and has been consistently funded by NIH.”

Reviewer F: “Dr. Fernandez is a nationally known substance use disorder (SUD) researcher with a focus on addressing unhealthy alcohol and other substance use in surgery patients. Her NIH K23 grant to study alcohol screening, brief intervention, and referral to treatment into preoperative processes is a topic that many leaders in the field long ago identified as an important opportunity, yet she beat us all to it!...She is also Co-PI on a large NIH grant to develop SUD screening tools for surgical settings. This is such a great idea and I’m thrilled someone of Dr. Fernandez’s caliber is pursuing it... Dr. Fernandez is clearly an effective and important role player on research projects. Large scale team science that is focused on tackling hard problems requires leaders and role players...She is known and respected in the world of addiction health service research.”

Reviewer G: “Dr. Fernandez has had a lasting impact on the field...Overall, I can conclude that Dr. Fernandez is an exceptional candidate for promotion...Most of her research has been published in high impact specialty journals...Also, publications for her latest grant funded work will likely produce tremendously high impact papers and will have a lasting impact on the field...She has conducted groundbreaking work on surgical care and brief alcohol interventions...Dr. Fernandez is currently PI on a K23 and an R21, and based on her CV it appears she has two R01s under review! Impressive!”

Summary of Recommendation:

Dr. Fernandez is making significant contributions to the field of substance use disorders and alcohol-related liver disease. She is an outstanding research scholar as evidenced by her success in obtaining extramural funding. She is highly regarded and often sought after by her peers and is recognized for her expertise in clinical care, education and research. I am pleased to recommend Anne Fernandez, Ph.D. for promotion to associate professor of psychiatry, with tenure, Department of Psychiatry, Medical School.



Marschall S. Runge, M.D., Ph.D.
Executive Vice President for Medical Affairs
Dean, Medical School

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