

PROMOTION RECOMMENDATION
THE UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF PSYCHIATRY

Maria Muzik, M.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 [also being promoted to research associate professor, Center for Human Growth and Development].

Academic Degrees:

M.S.	2009	School of Public Health, University of Michigan
M.D.	1989	University of Vienna, Wien, Austria

Professional Record:

2010-present	Research Assistant Professor, Center for Human Growth and Development, University of Michigan
2009-present	Assistant Professor of Psychiatry, University of Michigan
2006-2009	Clinical Lecturer, Department of Psychiatry, University of Michigan
2000-2003	Clinical Lecturer, School of Social Work, University of Michigan

Summary of Evaluation:

Teaching: Dr. Muzik teaches extensively in both clinical and research domains. She provides weekly clinical supervision for medical students, psychiatry residents, post-graduate social workers, and post-doctoral fellows. She teaches an interdisciplinary Perinatal Core Lecture Series for trainees rotating through the clinic, and regularly teaches on perinatal mental health topics to trainees in family medicine, obstetrics and nursing where she receives strong teaching evaluations. She has served as a primary research mentor to numerous undergraduate and graduate students, residents, and post-doctoral fellows. Additionally, she has been a clinical research mentor to early-career faculty through NIH-funded training programs such as the BIRCWH Career Development Program to OB/GYN and the Post-doctoral Translational Scholars Program, respectively. Dr. Muzik is well regarded as a mentor as evidenced by trainees' successful competition for graduate school or faculty positions in high-ranking universities. Dr. Muzik has worked with the Michigan Department of Health and Human Services, Community Mental Health, and the Michigan Association for Infant Mental Health to provide training seminars, lectures and workshops for workforce development across the state. She has taught on perinatal depression and anxiety, trauma, parenting, attachment and mother-infant psychotherapy. In addition, she has trained over 120 mental health professionals in the trauma-informed parenting and mental health group intervention which she was instrumental in developing (Mom Power). This treatment intervention has been fully implemented as a billable service in a number of community mental health service provider agencies across the state to meet the needs of vulnerable families.

Research: Dr. Muzik's research focuses on the course and consequence of maternal psychiatric illness in pregnancy and postpartum, with a focus on the impact on both maternal functioning and infant biopsychosocial development. Much of her work started during her tenure in Austria with focus on postpartum depression, and then with her move to the USA expanded through a K23 award to the study of trauma survivor mothers and their children across pregnancy and the first 18 months postpartum. Findings from the K23 study have led to 23 publications and five more currently submitted. This line of work has also served as the basis for collaborative studies across multiple universities, and provided basis for two recently funded R01s. For one R01, she is a Multi-PI (with colleagues from Emory and UCSF) and on the second, she is the site-PI (with colleagues from MSU). In addition, the previous work provided data critical to the development and preliminary implementation of effective and accessible mental health and parenting preventive interventions for high-risk populations. Dr. Muzik has published widely in psychiatry, psychology and trauma-related journals yielding 70 manuscripts to date. She is first or senior author on 31 of these publications. Together with her research group, she has been continuously funded as the principal or co-investigator on multiple grants including grants through the National Alliance for Research in Schizophrenia and Affective Disorders (NARSAD), the National Institutes of Health (CTSA KL2 and K23 Career Development Awards, and a NICHD R21), Foundation Awards (Flinn, Robert Wood Johnson, Todd Ouida), and funds through the State of Michigan. Currently, she is PI on two Michigan Department of Health and Human Services (MDHHS) grants investigating the effectiveness of group- and home-based interventions to high-risk families, and is a multiple PI (with colleagues from Wayne State U and Michigan State U) on a federal Department of Health and Human Services, Administration for Children and Families grant on a caregiving intervention implemented in Early Head Start.

Recent and Significant Publications:

Muzik M, Ads M, Bonham C, Rosenblum K, Broderick A, Kirk R: Perspectives on trauma-informed care from mothers with a history of childhood maltreatment: a qualitative study. *Child Abuse Negl* 37:1215-1224, 2013.

Martinez-Torteya C, Dayton CJ, Beeghly M, Seng JS, McGinnis E, Muzik, M: Maternal parenting predicts infant biobehavioral regulation among women with a history of childhood maltreatment. *Dev Psychopathol* 26:379-392, 2014.

Muzik M, Rosenblum K, Alfafara E, Schuster M, Miller N, Waddell R & Kohler E: Mom power: preliminary outcomes of a group intervention to improve mental health and parenting among high-risk mothers. *Arch Womens Ment Health* 18:507-521, 2015.

Muzik M, McGinnis EW, Bocknek EL, Morelen D, Rosenblum KL, Liberzon I, Seng J & Abelson JA: PTSD symptoms across pregnancy and early postpartum among women with lifetime PTSD diagnosis. *Depress Anxiety* Jan 6, 2016.

Oh W, Muzik M, McGinnis E, Hruschak J, Menke R, Rosenblum KL: Comorbid trajectories of postpartum depression and PTSD among mothers with childhood trauma history: Course, predictors, processes and child adjustment. *J Affect Disord* (In press).

Service and Professional Work: Dr. Muzik serves as an associate editor for the *Maternal Child Health Journal* and reviews manuscripts for numerous high impact journals including the *Journal of the American Academy of Child & Adolescent Psychiatry*, *Psychoneuroendocrinology*, and *Developmental Psychology*. She is on the executive board of the North American Society for Psychosocial Obstetrics & Gynecology (NASPOG), member of the National Network of Depression Centers, Women's Mood & Infants' Outcomes Workgroup, and member of the Postpartum Depression: Action Towards Causes and Treatment (PACT) Consortium. She has served as an ad hoc reviewer on the NIH study section Biobehavioral Mechanisms of Emotion, Stress and Health. She has chaired and presented symposia and other talks at national and international meetings, including the International Society for Traumatic Stress Studies, European Psychiatric Association, Society of Biological Psychiatry, Marcé Society for Perinatal Mental Health, and the World Association of Infant Mental Health, establishing a scientific presence among leaders in the field. Dr. Muzik is the medical director of the University of Michigan Ambulatory Women and Infants Mental Health Clinic, and is leading the UM Perinatal Collaborative Care efforts for integrated care with OB/GYN and Pediatrics. She provides clinical service to women impacted by mood and anxiety disorders during pregnancy and postpartum depression, both in ambulatory psychiatry and primary care. She is the Perinatal Consultant to the only perinatal Partial Hospital Program in the State of Michigan providing joint admission to mothers and infants (the "Mother-Baby Program at Pine Rest"). She is also the Perinatal Expert Consultant to Primary Care across the State of Michigan through a UM-based phone and telepsychiatry consultation program.

External Reviewers:

Reviewer A: "Dr. Muzik has answered many important clinical questions. In her peer group, she is rapidly becoming a leader in the field of (1) supporting childhood trauma survivor women during the transition to motherhood and (2) promoting positive maternal-child interactions and parenting behaviours... Based on Dr. Muzik's past and current research accomplishments, I believe she is asking important questions that Americans care about and it is very likely that she is going to be a strong researcher for the foreseeable future. She is publishing in relevant journals, obtaining external research funding from highly competitive agencies, and training the next generation of clinicians and researchers."

Reviewer B: "Dr. Muzik's ability to draw on discoveries and methodologies from different disciplines speaks to her creative, integrative thinking, as well as her unparalleled capacity for collaborations. On the latter, I know of few academics as skilled as she at working well with others so that everyone, researchers and patients alike, benefit... Women's mental health during the child-bearing period is a growing research field with immense relevance for academic and applied medicine. Dr. Muzik is at the top of the list of those contributing to it, and, moreover, incorporating into her studies the added important focus on child outcomes in the context of maternal depression, PTSD, and trauma histories. I have great respect for her as a colleague, viewing her as one of the most productive and creative clinician-researchers in this field."

Reviewer C: "My summary judgment is that Dr. Muzik is a rising star and her work will continue to grow in impact over the next several years... My view is that her career trajectory is likely to

show a steep rise over the next several years and she will have the academic credibility to be a leader in the field of perinatal mental health.”

Reviewer D: “Dr. Muzik represents a rare academician – researcher, teacher, and clinician who is rapidly developing an independent reputation within the academic community... She is an exceptional role model for other faculty and I anticipate will expand her role as a future mentor/advisor. Her success will be valuable to the department and institution as a whole... Maria will serve as a testament to the value of career development awards and institutional commitment.”

Reviewer E: “The inclusion of paternal mental health in her portfolio is very novel. She is also a co-PI on a pending R0-1 to look at moderators of maternal depression in relationship to the maternal-infant interaction. She has a number of grant applications as PI or Co-I that are in submission. Dr. Muzik has an excellent bibliography for her level of Assistant Professor that includes 68 articles.”

Summary of Recommendation:

Dr. Muzik is a highly productive translational physician-scientist in the field of perinatal psychiatry. She has developed and published the evidence base for the interventions she has developed, and has implemented these in local and state-wide networks. She is a sought after speaker at national and international meetings and presents her work widely. She has created a thriving Perinatal Psychiatry Clinic that provides important clinical expertise to a high volume of mothers who need optimal management of their psychiatric disorders during pregnancy and post-partum, with a focus on the impact of both maternal functioning and infant biopsychosocial development. I wholeheartedly recommend Maria Muzik, M.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

May 2017