

PROMOTION RECOMMENDATION  
THE UNIVERSITY OF MICHIGAN  
MEDICAL SCHOOL  
DEPARTMENT OF FAMILY MEDICINE

Timothy Guetterman, Ph.D., assistant professor of family medicine, Department of Family Medicine, Medical School is recommended for promotion to associate professor of family medicine, with tenure, Department of Family Medicine, Medical School.

Academic Degrees:

Ph.D.	2015	University of Nebraska, Lincoln, NE
M.A.	2003	University of Iowa, Iowa City, IA
B.S.	1999	University of Iowa, Iowa City, IA

Professional Record:

2020 – Present	Assistant Professor, Department of Family Medicine, University of Michigan Medical School
2019 – 2020	Associate Professor (without tenure), Department of Interdisciplinary Studies, Graduate College, Creighton University, Omaha, NE
2019 – 2020	Adjunct Assistant Professor, Department of Family Medicine, University of Michigan Medical School
2019 – Present	Adjunct Associate Professor Extraordinary in Family Medicine and Primary Care, Department of Family and Emergency Medicine, Stellenbosch University, South Africa
2016 – Present	Adjunct Faculty Associate, Department of Mental Health, Johns Hopkins University, Baltimore, MD
2016 – 2019	Assistant Professor, Department of Family Medicine, University of Michigan Medical School

Summary of Evaluation:

Teaching: Dr. Guetterman has a well-rounded range of mentees that includes faculty members, residents, post-doctoral fellows, medical students, graduate students, undergraduates, and visiting scholars. He contributes significant effort to mentoring research trainees and providing instruction in research methodology and design and mixed methods research. He is the associate director of the Mixed Methods Program in the Department of Family Medicine where he has organized and given numerous talks and seminars. He currently instructs the Mixed Methods Research course (EPI706) in the School of Public Health. He has participated in the Master of Science in the Interdisciplinary Leadership Capstone program at Creighton University. Nationally, Dr. Guetterman participated in the Mixed Methods for Research in Public Health at the Johns Hopkins University Summer Institute (2016-2023), with two of these mentees sponsored by a National Institutes of Health (NIH) K08 and NIH K23. Teaching evaluations are very good to excellent, with comments noting that the sessions were ‘very helpful’ and ‘enjoyable’ with many indicating that the content was highly informative. Dr. Guetterman’s teaching, collaboration, and mentorship speak volumes to his ability as an educator and are unusual for a faculty member at his relatively early career stage.

Research: Dr. Guetterman is an applied research methodologist, with expertise in general research methodology and design and mixed methods research, i.e., the systematic process of integrating qualitative and quantitative data. His research aims to use health informatics to improve cardiovascular and emergency health research, environmental health emergencies, and health disparities. He also contributes to multiple research projects as a research design expert. Dr. Guetterman has been very successful in obtaining funding, especially for a junior faculty member, and is currently a multi-principal investigator, principal investigator, or co-investigator (often as the lead methodologist) on ten grants and serves as a mentor on three additional grants. His work has been supported through funding sources such as the NIH, the Foundation for Child Development, the Robert Wood Johnson Foundation, and the University of Michigan. Additionally, he has another fourteen grants in submission, signifying his demand as a collaborator and team scientist, and his momentum as an independent researcher. He has authored 90 peer reviewed manuscripts in highly ranked journals in his field such as the *Journal of Mixed Methods Research*, *Family Medicine and Community Health*, and *BMJ Quality and Safety*. He is a highly sought-after speaker for his expertise in mixed methods research, he has been invited to give over 90 presentations, including three keynote addresses and 47 seminars nationally and internationally including in South Africa, Denmark, China, Austria, Germany, Canada, New Zealand, Spain, Trinidad and Tobago.

Recent and Significant Publications:

- Guetterman TC, Fàbregues S, Sakakibara R, “Visuals in joint displays to represent integration in mixed methods research: A methodological review,” *Methods in Psychology*. 2021, 5 Article 100080. <https://doi.org/10.1016/j.metip.2021.100080>.
- Guetterman TC, Sakakibara R, Baireddy S, Kron FW, Scerbo MW, Cleary JF, Fetters MD, “Medical Students’ Experiences and Outcomes Using a Virtual Human Simulation to Improve Communication Skills: Mixed Methods Study,” *J Med Internet Res*. 2019 Nov 27;21(11):e15459. doi: 10.2196/15459. PMID: 31774400; PMCID: PMC6906619.
- Guetterman TC, Kellenberg JE, Krein SL, Harrod M, Lehrich JL, Iwashyna TJ, Kronick SL, Girotra S, Chan PS, Nallamotheu BK, “Nursing roles for in-hospital cardiac arrest response: higher versus lower performing hospitals,” *BMJ Qual Saf*. 2019 Nov;28(11):916-924. doi: 10.1136/bmjqs-2019-009487. Epub 2019 Aug 16. PMID: 31420410.
- Guetterman TC, Chang T, DeJonckheere M, Basu T, Scruggs E, Vydiswaran VGV, “Augmenting Qualitative Text Analysis with Natural Language Processing: Methodological Study,” *J Med Internet Res*. 2018 Jun 29;20(6):e231. doi: 10.2196/jmir.9702. PMID: 29959110; PMCID: PMC6045788.
- Guetterman TC, Fetters MD, “Two methodological approaches to the integration of mixed methods and case study designs: A systematic review,” *American Behavioral Scientist*. 2018 62, 900-918. <https://doi.org/10.1177/0002764218772641>.

Service: Dr. Guetterman performs service at the institutional, national, and international levels. Internationally, he has served on committees for the Mixed Methods International Research Association including as the president-elect and chair of the Webinar Committee. He has served as an ad hoc grant reviewer for the Auckland Medical Research Foundation. Nationally, he serves as the session chair for the American Educational Research Association research conference. He is an ad hoc reviewer for many scientific journals and has served on numerous

editorial boards, including his current service as a co-editor-in-chief for the *Journal of Mixed Methods Research*, a top-tier journal in his field. He is an ad hoc grant reviewer for three national funding agencies, including the National Science Foundation, and an abstract reviewer for several organizations, such as the American Educational Research Association and the American Psychological Association Annual Conference. Institutionally, he is the associate director of the University of Michigan Mixed Methods program, where he is responsible for the educational portfolio, internationally acclaimed workshops, and its post-doctoral fellowship. He has served on several committees, including the Advisory Committee on Promotions and Tenure for Family Medicine and the Research Policies Committee for the Senate Assembly. He has served on 14 dissertation committees.

External Reviewer:

Reviewer A: “In actualizing these interests into outcomes, I am impressed by the volume and scope of his scholarship as evidenced by the number of current funded grants, past funded grants, publications, and presentations. His scholarly impact upon research communities is evidenced by the number of citations (4743), his h-index (28), and i10-index(52)[sic]. These numbers are impressive and likely will accelerate in the upcoming years.”

Reviewer B: “Dr. Guetterman also has an impressive service record. He is currently Co-Editor in chief of the highly respected *Journal of Mixed Methods Research* and Academic Editor of *PLOS One*. He has also been a peer reviewer for many granting agencies and journals; and has been working with the Johns Hopkins University Mixed Methods for Research Summer Institute since 2015. This is extremely impressive for an Assistant Professor.”

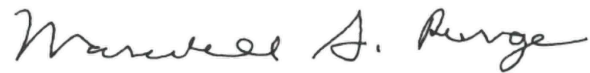
Reviewer C: “Dr. Guetterman’s scholarly accomplishments are very impressive with 90 peer-reviewed publications and 12 book chapters. He has been a member of study sections, grant reviews, and editorial boards and serves as an ad hoc reviewer for journals.”

Reviewer D: “Dr. Guetterman’s depth and breadth of expertise in qualitative and mixed methodologies transcends disciplines... Furthermore, he has extensive experience mentoring junior and senior scholars, including international visiting scholars, clinician scientists, and doctoral students. His affiliations and appointments at universities in the United States and abroad have led to teaching activities to include classroom-based didactic education, online educational course delivery, summer institutes to name a few.”

Reviewer E: “Dr. Guetterman is an internationally known expert in qualitative and mixed quantitative and qualitative [sic] research methods...[his] international reputation as a methodologist is evidenced by his roles as a consultant, teacher, and reviewer, and by his service as an editor and editorial board member for the *Journal of Mixed Methods Research*, as a board member for the *Qualitative Social Research Forum*, as a board member for the *International Journal of Multiple Approaches*, as Academic Editor for *PLOS One*, and as Co-Editor for a Special Issue on Research Methodology for the *BMJ Journal - Family Medicine and Community Health*. He recently was elected as President of the *Mixed Methods International Research Association*.”

Summary of Recommendation:

Dr. Guetterman is an outstanding academic researcher, teacher, mentor, and leader whose rigorous research training and methodologic expertise have enabled significant national and international contributions to the field. He is a productive scientist and sought-after collaborator, a highly valued teacher, and a generous institutional citizen. I am pleased to recommend Timothy Guetterman, Ph.D. for promotion to associate professor of family medicine, with tenure, Department of Family Medicine, Medical School.

A handwritten signature in black ink that reads "Marschall S. Runge". The signature is written in a cursive style with a horizontal line underneath it.

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

May 2024