

PROMOTION RECOMMENDATION
THE UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF FAMILY MEDICINE
DEPARTMENT OF OBSTETRICS AND GYNECOLOGY

Katherine J. Gold, M.D., assistant professor of family medicine, Department of Family Medicine, and assistant professor of obstetrics and gynecology, Department of Obstetrics and Gynecology, Medical School, is recommended for promotion to associate professor of family medicine, with tenure, Department of Family Medicine, and associate professor of obstetrics and gynecology, without tenure, Department of Obstetrics and Gynecology, Medical School.

Academic Degrees:

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| M.S. | 2006 | (Health and Health Care Research), University of Michigan Rackham Graduate School |
| M.D. | 2001 | University of Michigan |
| M.S.W. | 1995 | University of Michigan |
| B.S. | 1989 | University of Michigan |

Professional Record:

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| 2009-present | Assistant Professor of Family Medicine, University of Michigan |
| 2009-present | Assistant Professor of Obstetrics and Gynecology, University of Michigan |
| 2005-2009 | Clinical Lecturer, Department of Family Medicine, University of Michigan Medical |
| 2007-2009 | Clinical Lecturer, Department of Obstetrics and Gynecology, University of Michigan |

Summary of Evaluation:

Teaching: Dr. Gold has developed a substantial reputation as a teacher. She has demonstrated a strong skill as a clinical teacher across all levels of students. Her medical student evaluations are strong, with many supportive comments. She has lectured to students, teaches them at her clinic at Domino's Farms Family Medicine (averages of 4.5 on a 5.0 scale), and has taught/supervised them in Ghana. Her evaluations from these are all excellent with comments such as "I can't say enough about Dr. Gold. I think she's absolutely wonderful." Her resident evaluations are likewise quite strong – both in her direct teaching such as on the inpatient obstetrical service where she is cited as an excellent clinician and teacher, as well as in her work mentoring residents in their required research projects (her lectures in this area are extremely high, scoring well above 4.5 out of 5.0 across the board). The overall resident evaluations are consistently well above 4.0. She also has stellar evaluations from her presentations to more general audiences, such as grand rounds or major conferences, including in other disciplines such as pediatrics and psychiatry. Most of her ratings at these conferences are very strong, with scores well over 4.5 on a 5.0 scale, and with strong comments such as "probably the most important talk

of the conference.” Likewise, her presentations at CME conferences have similar high ratings. She teaches on numerous topics in several different areas (ethics, research methods and clinical topics). Moreover, Dr. Gold has a very impressive list of mentoring activities. There are many dozens of faculty, residents, fellows, medical students and undergraduate students whom she has mentored, including some internationally. Many of these mentees have published or presented due to Dr. Gold’s mentorship. The residents gave her the annual Resident Appreciation Award for “assistance above and beyond the call of duty” in 2016 due to the high quality of the teaching and mentoring she provides.

Research: Dr. Gold has a high level of expertise in complex quantitative methods appropriate to study issues related to maternal mental health and pregnancy outcome as well as physician/medical student mental health. This is a research area of considerable need and importance, but often fraught with weak study design, poor control of confounding variables, and a lack of rigorous measurement methods. From the beginning, she has excelled, as evidenced by being the first recipient of the Gorenflo Research Award given to residents. Dr. Gold has since taken on substantial and varied research projects, with a particular focus on the manipulation of large and complex existing data sets, with significant accomplishments. This work has led to an impressive publication record. She has 55 peer-reviewed publications (well over half of these are as first or last author), including in some of the most competitive journals in the world, 52 posters/abstracts, one book and four non-peer-reviewed manuscripts. She has 61 invited presentations, including serving as a keynote or plenary speaker both nationally and internationally. Dr. Gold is particularly adept at developing strong relationships with others as evidenced by her numerous mentees. She also has served as a reviewer for 20 peer-reviewed journals. In addition, she has benefited tremendously from such mentorship, as reflected in collaborative authorships on several major publications. She reviews manuscripts for five major scientific journals relevant to her research expertise. She also has received research awards, including separate best paper awards from both the Society of Teachers of Family Medicine and the American College of Obstetrics and Gynecology. Dr. Gold serves on numerous NIH study section panels. This includes two invited section panels, one by the U.S. Department of Health and Human Services and one by the University of Bristol. Dr. Gold also has received grant funding from multiple entities, including a K23 award. She is currently a co-investigator on a NIH grant as well as a primary investigator on other grants. What is particularly impressive is that she was chosen (only one person each year is chosen from the country) as the James Puffer Nominee for Family Medicine to the Institute of Medicine of the National Academies. This is truly impressive, as this is perhaps the most competitive award given for junior faculty and attests to her national (and indeed international) renown. Finally, Dr. Gold has been active in scholarship in international settings. In particular, she has conducted research in Ghana on stillborns. This has led to published research as well as improved care of newborns in that country.

Recent and Significant Publications:

Gold KJ, Sen A, Hayward RA: Marriage and cohabitation outcomes after pregnancy loss. *Pediatrics* 125(5), 2010.

Gold KJ, Sen A, Schwenk TL: Details on suicide among U.S. physicians: Data from the national Violent Death Reporting System. *Gen Hosp Psych* 35:45-49, 2013.

Gold KJ, Abdul-Mumin AR, Boggs ME, Opare-Addo HS, Lieberman RW: Assessment of "fresh" versus "macerated" as accurate markers of time since intrauterine fetal demise in low-income countries. *Int J Gyn Obstet* 125:223-227, 2014.

Gold KJ, Leon I, Boggs ME, Sen A: Depression and posttraumatic stress disorder after perinatal loss in a population-based study. *J Women's Health* 25:263-269, 2016.

Heazell AEP, Siassokos D, Blencowe H, Cacciatore J, Cang N, Flenady V, Gold KJ, Mensah OK, Millum J, Nuzum D, O'Donoghue K, Redshaw M, Roberts T, Saraki Y, Storey C, Wojcieszek AM, Downe S, and the Stillbirth Series Steering Group: Stillbirths: economic and psychosocial consequences. *Lancet* 387:604-616, 2016.

Service: Dr. Gold has been involved in service over much of her career, both locally as well as nationally. For the Department of Family Medicine, she has served in several roles including being the elected at-large representative to the Executive Committee, the resident scholarly project coordinator and a member of the global health advisory committee among multiple other roles. For the institution, she served on the Pediatric Bereavement Committee, the Pediatric Ethics Committee and as a mentor to (as well as on) the Leadership Council for the Global Health initiative. Nationally, Dr. Gold has been involved with the State of Michigan's Perinatal Bereavement Coalition, the AAMC Council of Faculty and Academic Societies as the University of Michigan junior faculty representative, and the American Academy of Family Physicians' Foundation Research Committee. Internationally, she also has been quite active in serving first as a member and then as secretary of the Board of Directors for the International Stillborn Alliance as well as serving on their Science Advisory Committee. Recently, she was selected as the chair of the Board of Directors for the International Stillborn Alliance. She also serves on the Advisory Board for the PARENTS Study, in the United Kingdom. Dr. Gold has extensive community service. This includes a past history of volunteering for the Ozone House, Hope Clinic, Mosaic Feline Rescue and the Luke Clinic (currently as the Interim Medical Director) in Detroit.

With regard to her clinical service, Dr. Gold is certified by the American Board of Family Medicine and is an outstanding clinician who practices the entire range of outpatient family medicine, as well as inpatient obstetrics and newborn care, with an active continuity practice at the Domino's Farms Family Medicine Center. On the inpatient side, she takes her share of call, which averages four shifts per month, including overnight shifts, and is widely considered to practice family medicine obstetrics of the highest quality.

External Reviewers

Reviewer A: "Dr. Gold's academic career is characterized by a strong focus and progressive contributions in a specific domain—women's health, and more specifically, reproductive health and perinatal outcomes....This is an extremely important line of inquiry, one that Dr. Gold continues to pursue to this day, that has implications for how we allocate resources during the

prenatal and perinatal period. In fact, she is studying interventions that can lessen the impact of perinatal loss.”

Reviewer B: “She has given scores of invited presentations regionally, nationally, and at international conferences. She has also mentored dozens of learners and served as a superb role model for them; many have been included in her research and on publications, and several residents and medical students have won national awards for the research projects they completed under her mentorship....Dr. Gold clearly has a gift for connecting her clinical practice, teaching, and scholarship in creative ways. This unique quality, I believe, is an essential attribute of an academic leader.”

Reviewer C: “I am impressed by the quality and quantity of her research portfolio, especially her integration of knowledge from different professions and different disciplines in the formulation of important neglected questions, implementation and conduct of investigations, and dissemination of what was learned locally and at state, national, and international levels. It is most unusual in my experience for faculty to be recognized the way Dr. gold has been recognized outside their primary discipline.”

Reviewer D: “It is no doubt because of her excellence in research and teaching that she is frequently an invited speaker or a visiting professor...Dr. Gold is an invited manuscript reviewer for 20 peer-reviewed journals in pediatrics, women’s health, psychiatry, and family medicine.”

Reviewer E: “...she continually demonstrates a commitment to the advancement of clinical practice as well as informed research which extends practice knowledge contextually as well as globally....Dr. Gold has an outstanding reputation in the field of perinatal and reproductive health. She is well respected among her peers nationally, spanning multiple disciplines as a ‘go to’ researcher whose work has informed practice.”

Summary of Recommendation:

Dr. Gold is an outstanding academic family physician whose unique expertise and methodologic expertise have led to significant success as an investigator in the field of pregnancy loss and bereavement, as well as physician mental illness. I am pleased to recommend Katherine J. Gold, M.D. for promotion to associate professor of family medicine, with tenure, Department of Family Medicine, and associate professor of obstetrics and gynecology, without tenure, Department of Obstetrics and Gynecology, Medical School.



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

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