

PROMOTION RECOMMENDATION
THE UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF PEDIATRICS
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF EPIDEMIOLOGY

Sarah E.L. Reeves, Ph.D., M.P.H., assistant professor of pediatrics, Department of Pediatrics, Medical School, and assistant professor of epidemiology, Department of Epidemiology, School of Public Health, is recommended for promotion to associate professor of pediatrics, with tenure, Department of Pediatrics, Medical School, and associate professor of epidemiology, without tenure, Department of Epidemiology, School of Public Health.

Academic Degrees:

Ph.D.	2013	University of Michigan, Ann Arbor, MI
M.P.H.	2009	University of Michigan, Ann Arbor, MI
B.S.	2006	University of Michigan, Ann Arbor, MI

Professional Record:

2019 – Present	Assistant Professor, Department of Pediatrics, University of Michigan
2019 – Present	Assistant Professor, Department of Epidemiology, University of Michigan
2018 – 2019	Research Assistant Professor, Department of Pediatrics, University of Michigan
2018 – 2019	Research Assistant Professor, Department of Epidemiology, University of Michigan
2016 – 2018	Research Investigator, Department of Pediatrics, University of Michigan

Summary of Evaluation:

Teaching: Dr. Reeves' teaching activities involve mentoring and giving lectures at workshops and courses. She has mentored faculty members, clinical fellows, post-doctoral fellows, graduate students, and undergraduate students, and has served on dissertation committees. Many of her research mentees are co-authors on publications and abstracts and have presented their work at symposia. Her teaching evaluations were uniformly positive. Notably, Dr. Reeves is the associate director for Education for the Child Health Evaluation and Research (CHEAR) Center and oversees all educational programs, including visiting speakers, summer internship programs, and seminar series. She is also the director of the CHEAR Fellowship where she manages training for Ph.D. and M.D. fellows. She has given didactic lectures and invited seminars in several courses at the UM Medical School and School of Public Health and is a regular seminar speaker in several training programs, including CHEAR seminars, and the Institute for Healthcare Policy and Innovation summer internship program.

Research: Dr. Reeves is a national leader in sickle cell disease. Her research focuses on assessing the quality of care among children with sickle cell anemia and identifying opportunities to implement programs and policies to improve the lives of sickle cell patients. She is currently funded as the principal investigator of an R01 from the Agency for Healthcare Research and

Quality, two significant CDC grants, an award from the Michigan Department of Health and Human Services, and one institutional grant. She has past funding from sources such as the National Heart, Lung, and Blood Institute, foundation, and institutional grants. She has authored 36 peer-reviewed publications in top journals in her field such as *Journal of Pediatrics*, *Pediatrics*, and *JAMA Pediatrics*. She has been invited nationally to speak on more than 15 occasions and has been a visiting professor at the University of Pennsylvania and The Ohio State University.

Recent and Significant Publications:

- Reeves SL, Horiuchi S, Zhou M, Paulukonis S, Snyder A, Wilson-Frederick S, Hulihan M, “Case Ascertainment of Sickle Cell Disease Using Surveillance or Single Administrative Database Case Definitions,” *Public Health Rep.* 2023 May 19:333549231166465. doi: 10.1177/00333549231166465. Epub ahead of print. PMID: 37204194
- Paulukonis, ST, Snyder, A, Smeltzer, MP, Sutaria, AN, Hurden, I, Latta, K, Chennuri, S, Vichinsky, E, Reeves, SL, “COVID-19 Infection and Outcomes in Newborn Screening Cohorts of Sickle Cell Trait and Sickle Cell Disease in Michigan and Georgia,” *J Pediatr Hematol and Oncol.* 45(4): 174-180, 05/2023. PMID: 37083273
- Reeves, SL, Peng, HK, Wing, JJ, Cogan, LW, Goel, A, Anders, A, Green, NS, Lisabeth, LD, Dombkowski, KJ, “Changes in Hydroxyurea Use among Youths Enrolled in Medicaid With Sickle Cell Anemia After 2014 Revision of Clinical Guidelines,” *JAMA Netw Open.* 6(3): e234584, 03/2023. PMID: 36961463
- Peng, HK, Dombkowski, KJ, Freed, GL, Creary, SE, Smith, D, Reeves, SL, “Primary Immunization Series Coverage of Children with Sickle Cell Disease,” *American Journal of Preventive Medicine.* 61(1): 124-127, 07/2021. PMID: 33715942
- Reeves, SL, Madden, B, Wu, M, Miller, L, Anders, D, Caggana, M, Cogan, L, Kleyn, M, Hurden, I, Freed, GL, Dombkowski, KJ, “Performance of ICD-10-CM Diagnosis Codes for Identifying Children with Sickle Cell Anemia,” *Health Services Research.* 55(2): 310-317, 04/2020. PMID: 31916247

Service: Dr. Reeves has been actively engaged in service. Nationally, she is currently serving on the Sherman A. James Diverse and Inclusive Epidemiology Awards Committee for the Society for Epidemiologic Research and an advisory group for the American Society of Hematology. Regionally, she is a member of the Hematology Quality Improvement Committee (Michigan DHHS), and nationally, she serves on an awards committee for the Society for Epidemiologic Research and an advisory group for the American Society of Hematology. Institutionally, she is an active member of the Institute for Healthcare Policy and Innovation and the Center for Healthcare Outcomes and Policy. Departmentally, she has served as a member of 12 committees, including the CHEAR Faculty Search and Pediatrics Disparity and Equity Research Oversight Committee, and in leadership positions including as the co-chair of the Pediatric Research Symposium. She is currently the director of education and director of child health evaluation and research in the Department of Pediatrics. Dr. Reeves serves as an ad hoc reviewer for 12 journals and has provided abstract reviews for four academic societies.

External Reviewers:

Reviewer A: “Dr. Reeves has established a strong research career in comparison to her peers. Dr. Reeves is known for her important work to improve the health and well-being of children with sickle cell disease...The fact that Dr. Reeves has a variety of funding sources is an example of a

robust research portfolio. It also speaks to Dr. Reeves [sic] tenacity to receive funding and that a research career requires flexibility in funding sources to be successful. Her publication productivity, and funding history, are strong evidence for continued success in research.”

Reviewer B: “Dr. Reeves has also been extensively involved in education at the University of Michigan. She is the director of [the] CHEAR fellowship and the Associate Director of Education at the CHEAR Center in the Department of Pediatrics at the University of Michigan. She mentors numerous fellows and graduate and undergraduate students.”

Reviewer C: “Dr. Reeves has established herself as a recognized researcher in the field of sickle cell disease quality and outcomes of care. With 35 peer reviewed publications in high quality journal[s] including JAMA Pediatrics and Health Services Research, she has meaningfully contributed to the literature on important topics including transcranial doppler screening and administrative data analysis methods...Additionally, her peer reviewed and invited scientific presentations provide evidence of her regional and national reputation.”

Reviewer D: “Dr. Reeves has successfully earned research funding on a pathway that mentors dream of for their trainees. She earned a pre-doctoral award from the American Heart Association, progressed through pilot funding, collaborated on larger awards, earned a career development award from the NIH, and is the principal investigator on a large award from the CDC and an R01 from the NIH...The award from the CDC and her R01 demonstrate her independence from her mentors, and I anticipate that she will receive a follow up award from the CDC to continue her independent awards.”

Reviewer E: “Dr. Reeves has mentored 1 faculty member, 4 fellows, 6 graduate students, and 3 undergraduates. Her mentorship has resulted in conference presentations and several manuscripts. Even with a full research load, and her role as fellowship director, she continues to teach with ongoing guest lectures in the National Clinician Scholars Program, the Pediatric Residency Program, Health Informatics, and Ethical, Legal, and Social Implications for Genetic Research.”

Reviewer F: “Dr. Reeves has excelled in her scholarly work to identify and reduce disparities experienced by individuals living with sickle cell disease. The quantity and quality of her scholarship is outstanding, with 35 peer reviewed articles in top journals for our field, including JAMA Pediatrics, Pediatrics, and Health Services Research...[she] has consistently demonstrated outstanding research productivity, superb ability to fund her research program, and [a] strong commitment to education and service.”

Reviewer G: “Dr. Reeves has clearly demonstrated productivity with respect to grant applications and publications. I believe she is ahead of her peers at this stage of her career because of her ability to receive K award funding and then use that funding to obtain an R01. This is especially impressive given her ability to maintain funding through CDC grant funding and her funding as a co-investigator.”

Reviewer H: “Dr. Reeves has established a notable record of innovative and high-quality original research in peer-reviewed journals that have high impact with a focus on improving health outcomes for pediatric patients with sickle cell anemia. Her accomplishments in scholarship are

truly outstanding...[her] national reputation and contributions to the service are evident as she has served on the Technical Advisory Group for the American Society of Hematology Clinical Data Collection Platform and she serves on the Sherman A. James Diverse and Inclusive Epidemiology Award Committee for the Society for Epidemiologic Research.”

Summary of Recommendation:

Dr. Reeves is a national leader focused on improving outcomes for children affected by sickle cell anemia. Her scholarly work is impressive and has garnered her a national reputation as an expert in sickle cell research and as a rising academic scientist. She is an outstanding teacher and mentor and also engages in professional and institutional service. We are pleased to recommend Sarah E.L. Reeves, Ph.D., M.P.H. for promotion to associate professor of pediatrics, with tenure, Department of Pediatrics, Medical School, and associate professor of epidemiology, without tenure, Department of Epidemiology, School of Public Health.



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