Stanford



Bethel Roba Mieso

Clinical Assistant Professor, Pediatrics - General Pediatrics

CLINICAL OFFICE (PRIMARY)

- **Stanford Medicine Children's Health Pediatrics**
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Bio

BIO

Bethel R. Mieso, MD, is a Clinical Assistant Professor of General Pediatrics and Clinical Informatics at Stanford University School of Medicine and Associate Director of AI in Graduate Medical Education (GME). Her work centers on leading responsible AI deployment in health systems, drawing on operational informatics, medical education and AI ethics, with a focus on pediatric care and equity for patients and clinicians.

During her clinical informatics fellowship at Stanford, Dr. Mieso led the deployment of DAX Copilot across Stanford Medicine Children's Health and Stanford GME. She directed ethical and regulatory guidance, trainee rollout and patient education. After the deployment, she led research on how patients and families view ambient AI scribes in pediatric settings. This work informs how health systems handle consent, communication and trust in AI-assisted care. At the same time, she evaluated program directors' perspectives and policy decisions on AI scribes, and those findings now inform guidance for GME leaders nationwide. She carries this work forward as chair of Stanford's AI in GME Committee, which is scaling AI curriculum across training programs, and as a contributor to a national multi-institutional collaborative on AI in GME.

She holds a BS in Biology from San Jose State University, an MD from Case Western Reserve University School of Medicine, and completed her pediatrics residency and clinical informatics fellowship at Stanford.

CLINICAL FOCUS

- Clinical Informatics
- General Pediatrics
- Pediatrics

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Pediatrics - General Pediatrics

ADMINISTRATIVE APPOINTMENTS

- Associate Director for AI in Graduate Medical Education, Stanford University School of Medicine, (2026- present)

HONORS AND AWARDS

- Leadership Education in Advancing Diversity (LEAD) Scholar, Stanford University School of Medicine (2021-2022)
- Humanistic Values in Medicine Award, Case Western Reserve University School of Medicine (2021)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, American Medical Informatics Association (2023 - present)
- Member, American Academy of Pediatrics (2021 - present)

PROFESSIONAL EDUCATION

- Fellowship: Stanford University Clinical Informatics Fellowship (2026) CA
- Board Certification: Pediatrics, American Board of Pediatrics (2024)
- Residency: Stanford University Pediatric Residency at Lucile Packard Children's Hospital (2024) CA
- Medical Education: Case Western Reserve School of Medicine (2021) OH
- Fellowship, Stanford University , Clinical Informatics
- Residency, Stanford University, Lucile Packard Children's Hospital (2024)
- MD, Case Western Reserve University School of Medicine (2021)
- Bachelor of Science, San Jose State University , Biology (2014)

LINKS

- LinkedIn: https://www.linkedin.com/in/bethel-r-mieso-md/

Publications

PUBLICATIONS

- **Holistic evaluation of large language models for medical tasks with MedHELM.** *Nature medicine*
  Bedi, S., Cui, H., Fuentes, M., Unell, A., Wornow, M., Banda, J. M., Kotecha, N., Keyes, T., Mai, Y., Oez, M., Qiu, H., Jain, S., Schettini, et al
  2026
- **Decoding the Reference Letter: Strategies to Reduce Unintentional Gender Bias in Letters of Recommendation.** *MedEdPORTAL : the journal of teaching and learning resources*
  Mieso, B. R., Barnett, J. F., Otero, T. M., Berquist, S. W., Perez, F. D., Han, P., Bhargava, S., Atasuntseva, A., Yemane, L.
  2024; 20: 11419
- **Mobile Phone Applications to Support Breastfeeding Among African-American Women: a Scoping Review.** *Journal of racial and ethnic health disparities*
  Mieso, B., Neudecker, M., Furman, L.
  2022; 9 (1): 32-51
- **Beyond Statistics: Uncovering the Roots of Racial Disparities in Breastfeeding.** *Pediatrics*
  Mieso, B. R., Burrow, H., Lam, S. K.
  2021; 147 (5)