

# Stanford

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## Bethel Roba Mieso

- Candidate For Affiliation, Pediatrics
- Fellow in Peds/Clinical Informatics

### Professional Overview

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#### BIO

Bethel R. Mieso, MD is a general pediatrician and clinical informatics fellow at Stanford Medicine whose work sits at the intersection of operational informatics, artificial intelligence ethics, pediatric care, and health equity. Dr. Mieso has played a key role in the enterprise-wide rollout of DAX Copilot at Stanford, leading ethical and regulatory guidance, trainee deployment, and patient-facing education. She has led a post-deployment evaluation of program director AI scribe policies across training programs, with findings informing strategic guidance for GME leaders nationwide—work that extends to her contributions to a national multi-institutional collaborative on AI in graduate medical education. Her research centers patient and family perspectives of ambient AI scribes in pediatric settings, shaping how health systems approach consent, communication, and trust with AI-assisted care.

Dr. Mieso's work merges operational informatics with strategic AI implementation—streamlining clinical workflows, reducing provider burden, and ensuring that emerging technologies serve patients equitably. 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 at Stanford Medicine.

#### CLINICAL FOCUS

- Clinical Informatics
- General Pediatrics
- Pediatrics

#### Bio

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#### BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

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

### Professional Overview

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#### 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)

## INTERNET LINKS

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

## Scientific Focus

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## 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)