

Stanford



Rishi Mediratta

Clinical Assistant Professor, Pediatrics

CLINICAL OFFICES

- **Center for Academic Medicine, General Pediatrics**

453 Quarry Rd

MC 5660

Stanford, CA 94304

Tel (650) 497-8000 **Fax** (650) 736-6690

- **Lucile Packard Children's Hospital**

300 Pasteur MC 5776

Palo Alto, CA 94304

Tel (650) 497-8000 **Fax** (650) 736-6690

- **Watsonville Community Hospital Dept of Pediatric Hospitalists**

75 Nielson St

Watsonville, CA 95076

Tel (831) 234-4735 **Fax** (831) 761-1524

Bio

BIO

Dr. Rishi Mediratta, MD, MSc, MA, is a Clinical Assistant Professor in Pediatrics, Pediatric Hospitalist at Lucile Packard Children's Hospital, and Faculty Fellow at the Stanford Center for Innovation in Global Health (CIGH). He graduated from Johns Hopkins University with a BA in Public Health and went to medical school at Stanford University. Dr. Mediratta has conducted research and public health projects in Ethiopia since 2005. He founded the Ethiopian Orphan Health Foundation to provide community-based health care and education to orphans. As a British Marshall Scholar, he received a MA in Medical Anthropology from the School of Oriental and African Studies and a MSc in Public Health at the London School of Hygiene and Tropical Medicine. As a pediatrics resident at Stanford, he became passionate about decreasing neonatal mortality through hospital- and community-based education programs. As faculty, he supervises trainees and cares for hospitalized children and integrates his field experience and interdisciplinary background to create newborn and child health programs. He has worked with policymakers at the World Bank, the World Health Organization, UNICEF, and Save the Children. At Stanford University, he teaches a course to undergraduate and graduate students from all disciplines about the medical and societal implications of the COVID-19 pandemic.

CLINICAL FOCUS

- Pediatrics

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Pediatrics
- Member, Maternal & Child Health Research Institute (MCHRI)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Faculty Fellow, Center for Innovation in Global Health (CIGH) (2021 - present)

PROFESSIONAL EDUCATION

- Residency: Stanford Health Care at Lucile Packard Children's Hospital (2018) CA
- Board Certification, Pediatrics, American Board of Pediatrics (2018)
- Residency, Stanford University School of Medicine , Pediatrics (2018)
- Internship, Stanford University School of Medicine , Pediatrics (2016)
- MD, Stanford University School of Medicine (2015)
- MSc, London School of Hygiene and Tropical Medicine , Public Health (2011)
- MA, School of Oriental and African Studies , Medical Anthropology (2010)
- BA, Johns Hopkins University , Public Health Studies (2008)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

I have developed a new promising neonatal mortality prediction score at the University of Gondar Neonatal Intensive Care Unit (NICU) in Gondar, Ethiopia. The score predicts approximately 84% of neonatal deaths in the NICU using clinical variables. I have a dataset over 800 NICU admissions in Gondar. I am recruiting scholars who are interested in conducting clinical and epidemiological research to validate, refine, and implement the mortality score to reduce neonatal mortality in Ethiopia. I can mentor scholars to conduct research in Ethiopia, facilitate in-country supervision at the University of Gondar, and facilitate statistical support with Stanford's Department of Statistics.

Teaching

COURSES

2022-23

- Covid-19 Elective: PEDS 220 (Aut, Win, Spr)

2021-22

- Covid-19 Elective: PEDS 220 (Aut, Win, Spr)

2020-21

- Covid-19 Elective: PEDS 220 (Aut, Win, Spr)

2019-20

- Covid-19 Elective: PEDS 19 (Spr)

Publications

PUBLICATIONS

- **Research Methods: Diagnostic Test Characteristics.** *Hospital pediatrics*
Mediratta, R. P., Newman, T. B., Wang, M. E.

2023

- **Changes in preterm birth and stillbirth during COVID-19 lockdowns in 26 countries.** *Nature human behaviour*
Calvert, C., Brockway, M. M., Zoega, H., Miller, J. E., Been, J. V., Amegah, A. K., Racine-Poon, A., Oskoui, S. E., Abok, I. I., Aghaepour, N., Akwaowo, C. D., Alshaikh, B. N., Ayede, et al
2023
- **Applying Kern's Six Steps to the Development of a Community-Engaged, Just-in-Time, Interdisciplinary COVID-19 Curriculum.** *Journal of medical education and curricular development*
Scala, J. J., Braun, N. J., Shamardani, K., Rashes, E. R., Wang, W., Mediratta, R. P.
2022; 9: 23821205221096370
- **Overnight admissions to a neonatal intensive care unit in Ethiopia are not associated with increased mortality.** *PloS one*
Mediratta, R. P., Rajamani, M., Ayalew, M., Shehibo, A., Tazebew, A., Teklu, A.
2022; 17 (3): e0264926
- **The Burden of Critical Illness in Hospitalized Children in Low- and Middle-Income Countries: Protocol for a Systematic Review and Meta-Analysis.** *Frontiers in pediatrics*
Kortz, T. B., Nielsen, K. R., Mediratta, R. P., Reeves, H., O'Brien, N. F., Lee, J. H., Attebery, J. E., Bhutta, E. G., Biewen, C., Coronado Munoz, A., deAlmeida, M. L., Fonseca, Y., Hooli, et al
2022; 10: 756643
- **Challenges and Opportunities in Deploying COVID-19 Cough AI Systems.** *Journal of voice : official journal of the Voice Foundation*
Khanzada, A., Hegde, S., Sreeram, S., Bower, G., Wang, W., Mediratta, R. P., Meister, K. D., Rameau, A.
2021
- **Derivation and validation of a prognostic score for neonatal mortality in Ethiopia: a case-control study.** *BMC pediatrics*
Mediratta, R. P., Amare, A. T., Behl, R., Efron, B., Narasimhan, B., Teklu, A., Shehibo, A., Ayalew, M., Kache, S.
2020; 20 (1): 238
- **Liver Failure and Rash in a 6-week-old Girl** *PEDIATRICS IN REVIEW*
Mediratta, R., Schwenk, H., Rao, A., Chitkara, R.
2018; 39 (6): 315-U22
- **Galvanizing medical students in the administration of influenza vaccines: the Stanford Flu Crew.** *Advances in medical education and practice*
Rizal, R. E., Mediratta, R. P., Xie, J., Kambhampati, S., Hills-Evans, K., Montacute, T., Zhang, M., Zaw, C., He, J., Sanchez, M., Pischel, L.
2015; 6: 471-477
- **Risk Factors and Case Management of Acute Diarrhoea in North Gondar Zone, Ethiopia** *JOURNAL OF HEALTH POPULATION AND NUTRITION*
Mediratta, R. P., Feleke, A., Moulton, L. H., Yifru, S., Sack, R. B.
2010; 28 (3): 253-263