

Stanford



Michael Scahill

Clinical Assistant Professor, Pediatrics - Neonatology

CLINICAL OFFICE (PRIMARY)

- **Pediatric Hospital Medicine**

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Bio

BIO

On a trip to Mozambique while in med school here at Stanford, Dr Scahill saw the power of market interventions to transform healthcare. This led to his current focus on technology, data & AI. A veteran data scientist, his research trawls the oceans of data each patient generates for patterns to predict dangerous outcomes before they happen in Stanford's top level NICU, where he also still serves as a frontline clinician. Outside Stanford, he is the digital lead at Valley Children's hospital and advises health technology startups in Silicon Valley and beyond.

CLINICAL FOCUS

- Neonatal-Perinatal Medicine

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Pediatrics - Neonatology

HONORS AND AWARDS

- Scholar, Fulbright (2005)

PROFESSIONAL EDUCATION

- Residency: UCSF Pediatric Residency (2015) CA
- Medical Education: Stanford University School of Medicine (2012) CA
- Board Certification: Pediatrics, American Board of Pediatrics (2015)

Research & Scholarship

RESEARCH INTERESTS

- Data Sciences

Publications

PUBLICATIONS

- **Sample entropy correlates with intraventricular hemorrhage and mortality in premature infants early in life.** *Pediatric research*
Scahill, M. D., Chock, V., Travis, K., Lazarus, M., Helfenbein, E., Scala, M.
2024
- **Anterolateral congenital diaphragmatic hernia with omphalocele: A case report and literature review** *AMERICAN JOURNAL OF MEDICAL GENETICS PART A*
Scahill, M. D., Maak, P., Kunder, C., Halamek, L. P.
2013; 161A (3): 585-588
- **CRE recombinase-based positive-negative selection systems for genetic manipulation in *Trypanosoma brucei*** *MOLECULAR AND BIOCHEMICAL PARASITOLOGY*
Scahill, M. D., Pastar, I., Cross, G. A.
2008; 157 (1): 73-82
- **Improved Glycemic Control With a Digital Health Intervention in Adults With Type 2 Diabetes: Retrospective Study.** *JMIR diabetes*
Zimmermann, G., Venkatesan, A., Rawlings, K., Scahill, M. D.
2021; 6 (2): e28033
- **HIV and Placental Infection Modulate the Appearance of Drug-Resistant *Plasmodium falciparum* in Pregnant Women who Receive Intermittent Preventive Treatment** *CLINICAL INFECTIOUS DISEASES*
Menendez, C., Serra-Casas, E., Scahill, M. D., Sanz, S., Nhabomba, A., Bardaji, A., Sigauque, B., Cistero, P., Mandomando, I., Dobano, C., Alonso, P. L., Mayor, A.
2011; 52 (1): 41-48
- **Comparison of Single-Copy and Multicopy Real-Time PCR Targets for Detection of *Mycobacterium tuberculosis* in Paraffin-Embedded Tissue** *JOURNAL OF CLINICAL MICROBIOLOGY*
Luo, R. F., Scahill, M. D., Banaei, N.
2010; 48 (7): 2569-2570