Stanford



Nymisha Chilukuri, MD

Clinical Assistant Professor, Pediatrics - General Pediatrics

CLINICAL OFFICE (PRIMARY)

- **Gardner Packard Childrens Health Center**
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Bio

BIO

Nymisha Chilukuri, MD is a general academic pediatrician and medical director of clinical informatics at Stanford Medicine. Her operational and research interests are to use clinical informatics to improve access to equitable care for children in underserved communities.

CLINICAL FOCUS

- Pediatrics
- Clinical Informatics
- Health Equity

ACADEMIC APPOINTMENTS

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

ADMINISTRATIVE APPOINTMENTS

- Medical Director of Clinical Informatics, Stanford Medicine Children's Health, (2024- present)
- Associate Program Director, Clinical Informatics Fellowship, Stanford Medicine, (2024- present)
- Co-Investigator and Co-Informatics Lead, PEDSnet, Stanford Maternal & Child Health Research Institute, (2024- present)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Co-Chair, Health Informatics Special Interest Group (SIG), Academic Pediatric Association (2022 - present)

PROFESSIONAL EDUCATION

- Fellowship: Stanford University Clinical Informatics Fellowship (2024) CA
- Board Certification: Clinical Informatics, American Board of Preventive Medicine (2025)
- Fellowship: Stanford University School of Medicine (2024) CA
- Board Certification: Pediatrics, American Board of Pediatrics (2022)

- Fellowship: Johns Hopkins University School of Medicine (2022) MD
- Residency: Johns Hopkins University School of Medicine (2020) MD
- Medical Education: Johns Hopkins University School of Medicine (2017) MD
- BS, University of Toronto , Developmental Biology (2012)

LINKS

- LinkedIn: https://www.linkedin.com/in/nymisha-chilukuri/

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

My research interests are to use clinical informatics to improve access to equitable care for children in under-served communities. My main areas of research interest currently include optimizing clinical informatics solutions for those with non-English preferred languages and improving interoperability between health systems, public health and community partners for pediatric patients and families.

Teaching

COURSES

2024-25

- Applied Clinical Informatics Seminar: BIOMEDIN 208 (Spr)

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Clinical Informatics (Fellowship Program)

Publications

PUBLICATIONS

- **Clinical Outcomes of Postedited Artificial Intelligence Translation for Discharge Instructions.** *Hospital pediatrics*
  Brewster, R. C., Kats, D. J., Elborki, M., Chilukuri, N., Ray, M., Shaar, N., Hron, J., Khan, A.
  2026
- **Optimizing patient portal user interface boosts activation rates for Spanish-speaking pediatric patients and caregivers.** *Journal of the American Medical Informatics Association : JAMIA*
  Chilukuri, N., Ballard, E., Xu, X., McPherson, T., Chug, A., Tse, G., Lee, T., Bassett, H. K., Carlson, J. L., Pageler, N.
  2026
- **Artificial intelligence translation in healthcare: an urgent call for evidence-informed policy frameworks.** *BMJ health & care informatics*
  Anyaegbuna, C., Steele, N., Liang, A. S., Ma, S. P., Lopez, I., Chilukuri, N., Patel, K., Schulman, K., Chen, J. H.
  2026; 33 (1)
- **Pre-COVID-19 Body Mass Index and Postacute Cardiovascular, Gastrointestinal, and Neuropsychiatric Outcomes Among Children and Young Adults With SARS-CoV-2 Infection: An EHR-based Cohort Study from the RECOVER Initiative.** *The Journal of infection*
  Zhou, T., Zhang, B., Zhang, D., Jhaveri, R., Chen, J., Becich, M. J., Castro, L., Chen, Y., Chilukuri, N., Herring, S., Lei, Y., Li, L., Lu, et al
  2026: 106702
- **EHR Workflows Contribute to Disparities by Language Preference in Parent Patient Portal Access.** *Applied clinical informatics*
  Chilukuri, N., Ballard, E., Xu, X., McPherson, T., Ritter, V., Bassett, H. K., Carlson, J., Pageler, N. M.
  2026; 17 (1): 19-27
- **SIREN 2025 National Research Meeting: Advancing the Science of Social Care.** *Health services research*
  Kling, S., Maeyama, J., Brown-Johnson, C. G., Chilukuri, N., Crowe, S. D., Gurzi, L., Klanjac, A., Lopez, A., Stevens, L. A., Williams, Z., Lee, G. M., Shaw, J. G.

2025; 60 Suppl 1 (Suppl 1): e14540

- **SIREN 2025 National Research Meeting: Advancing the Science of Social Care.** *Health services research*
  Kling, S., Siden, R., Blacker, A., Brown-Johnson, C. G., Chilukuri, N., Bruce, J., Safaeinili, N., Shaw, J. G., Unaka, N., Lee, G. M.
  2025; 60 Suppl 1 (Suppl 1): e14541
- **Body Mass Index and Postacute Sequelae of SARS-CoV-2 Infection in Children and Young Adults.** *JAMA network open*
  Zhou, T., Zhang, B., Zhang, D., Wu, Q., Chen, J., Li, L., Lu, Y., Becich, M. J., Blecker, S., Chilukuri, N., Chrischilles, E. A., Chu, H., Corsino, et al
  2024; 7 (10): e2441970
- **Comparison of Telemedicine Usage at Two Distinct Medicaid-Focused Pediatric Clinics.** *Telemedicine journal and e-health : the official journal of the American Telemedicine Association*
  Chilukuri, N., Links, A. R., Prichett, L., Tschudy, M., Showell, N., Polk, S., Perrin, E. M., Hughes, H. K.
  2024
- **Paging the Clinical Informatics Community: Respond STAT to Dobbs v Jackson's Women's Health Organization.** *Applied clinical informatics*
  Arvisais-Anhalt, S., Ravi, A., Weia, B., Aarts, J., Ahmad, H. B., Araj, E., Bauml, J. A., Benham-Hutchins, M., Boyd, A. D., Brecht-Doscher, A., Butler-Henderson, K., Butte, A., Cardillo, et al
  2022
- **Maternal folate status and placental vascular malperfusion: Findings from a high-risk US minority birth cohort** *PLACENTA*
  Chilukuri, N., Bustamante-Helfrich, B., Ji, Y., Wang, G., Hong, X., Cheng, T. L., Wang, X.
  2022; 129: 87-93
- **Maternal vascular malperfusion of the placental bed associated with hypertensive disorders in the Boston Birth Cohort (vol 52, pg 106, 2017)** *PLACENTA*
  Helfrich, B., Chilukuri, N., He, H., Cerda, S. R., Hong, X., Wang, G., Pearson, C., Burd, I., Wang, X.
  2019; 86: 52-53
- **Effectiveness of a Pediatric Primary Care Intervention to Increase Maternal Folate Use: Results from a Cluster Randomized Controlled Trial** *JOURNAL OF PEDIATRICS*
  Chilukuri, N., Cheng, T. L., Psoter, K. J., Mistry, K. B., Connor, K. A., Levy, D. J., Upadhya, K. K.
  2018; 192: 247-+
- **Maternal vascular malperfusion of the placental bed associated with hypertensive disorders in the Boston Birth Cohort** *PLACENTA*
  Helfrich, B., Chilukuri, N., He, H., Cerda, S. R., Hong, X., Wang, G., Pearson, C., Burd, I., Wang, X.
  2017; 52: 106-113
- **Obesity-Related Dietary Behaviors among Racially and Ethnically Diverse Pregnant and Postpartum Women** *JOURNAL OF PREGNANCY*
  Harris, A., Chilukuri, N., West, M., Henderson, J., Lawson, S., Polk, S., Levine, D., Bennett, W. L.
  2016; 2016: 9832167
- **Information and Communication Technology Use Among Low-Income Pregnant and Postpartum Women by Race and Ethnicity: A Cross-Sectional Study** *JOURNAL OF MEDICAL INTERNET RESEARCH*
  Chilukuri, N., West, M., Henderson, J., Lawson, S., Ehsanipoor, R., Costigan, K., Polk, S., Bennett, W.
  2015; 17 (7): e163