Stanford

Lindsay Stevens

Clinical Professor, Pediatrics - General Pediatrics

CLINICAL OFFICE (PRIMARY)

- **Newborn Nursery**

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Bio

BIO

Clinical Professor - General Pediatrics and Clinical Informatics

CLINICAL FOCUS

- Pediatrics
- Medical Informatics
- Infant Care
- Health Equity
- Digital Health

ACADEMIC APPOINTMENTS

- Clinical Professor, Pediatrics - General Pediatrics

ADMINISTRATIVE APPOINTMENTS

- Co-Chair, Pediatric Digital Health Taskforce, (2019- present)
- Medical Director for Training and Communications, Clinical Informatics, (2014- present)
- Wellbeing Champion, Department of Pediatrics, (2018- present)
- Rotation Director, Resident Rotation in Clinical Informatics, Stanford SoM, (2017- present)
- Course Director, BIOMEDIN 304, Stanford University School of Medicine, Graduate Program in Biomedical Data Science, (2017- present)
- Core Faculty, Clinical Informatics ACGME Fellowship, (2016- present)
- Physician Champion, Clinical Informatics, (2012-2014)

HONORS AND AWARDS

- Honor Roll for Teaching, Pediatric Fellowships, Stanford University School of Medicine (2023)
- Honor Roll for Teaching, Pediatric Residency, Stanford University School of Medicine (2022, 2023)

- Fulbright Specialist Award, University of Economics, Prague (2022)

- Fulbright Specialist Roster, US Department of State (2021-2025)

- Fellow, American Medical Informatics Association (2019)

- Honors Scholar in Medical Education, Stanford University School of Medicine (2018)

- School of Medicine Teaching Award nominee, Stanford University School of Medicine (2016-2017)

- Pediatric Clerkship Teaching Honor Roll, Stanford University School of Medicine (2012-2013, 2014-2015)

- Member, Alpha Omega Alpha (2008-)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, Digital Medicine Society - Pediatric Playbook Working Group (2023 - present)

- Executive Committee Member, American Academy of Pediatrics - Council on Clinical Information Technology (2021 - present)

- Committee Member, AI and Childhood Wellbeing Working Group - American Academy of Pediatrics (2023 - present)

- Fellow, American Academy of Pediatrics (2012 - present)

- Member, Association of Medical Directors of Information Systems (2013 - present)

- Board Member, Pediatric Primary Care Steering Board, Epic Systems, Verona, WI (2014 - present)

- Member, Academic Pediatric Association (2014 - present)

- Fellow, American Medical Informatics Association (2016 - present)

PROFESSIONAL EDUCATION

- Medical Education: Tulane University School of Medicine (2009) LA

- Residency: Stanford Health Care at Lucile Packard Children's Hospital (2009) CA

- Internship: Stanford Health Care at Lucile Packard Children's Hospital (2009) CA

- Board Certification: Clinical Informatics, American Board of Preventive Medicine (2017)

- Board Certification: Pediatrics, American Board of Pediatrics (2012)

- Residency, Stanford University , Pediatrics (2012)

- BS, University of Michigan , Cell and Molecular Biology, French and Francophone Studies, MI (2005)

LINKS

- Pediatric Digital Health Taskforce: https://med.stanford.edu/genpeds/patient-care/pediatric-digital-health.html

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Clinical Informatics is the scientific field concerned with the application of information technology to the delivery of healthcare services. In my role as a physician informaticist, I work with a team to evaluate the best ways to implement and optimize health information technology to benefit the patients we serve at Stanford Children's Health. Specific areas of focus include: improving EHR education for clinicians, merging Health IT with medical education, and expanding innovation in pediatric digital health with a focus on equity and usability.

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Biomedical Informatics (Masters Program)

- Biomedical Informatics (Phd Program)

- Clinical Informatics (Fellowship Program)

Publications

PUBLICATIONS

- **Centering Digital Health Equity During Technology Innovation: Protocol for a Comprehensive Scoping Review of Evidence-Based Tools and Approaches.** *JMIR research protocols*

  Burns, K., Bloom, S., Gilbert, C., Merner, B., Kalla, M., Sheri, S., Villanueva, C., Matenga Ikihele, A., Nazer, L., Sarmiento, R. F., Stevens, L., Blow, N., Chapman, et al

  2024; 13: e53855

- **MEASURING ASSOCIATIONS BETWEEN ELECTRONIC HEALTH RECORD USE AND INPATIENT PEDIATRIC PROVIDER BURNOUT**

  Stevens, L., Su, F., Pageler, N., Tawfik, D., Sinha, A.

  LIPPINCOTT WILLIAMS & WILKINS.2023: 40

- **Clinical Informatics Through the Years**

  Harper, M., Stevens, L., Lourie, E., Chartash, D., Krams, L., Suresh, S.

  Pediatrics. https://publications.aap.org/pediatrics/resources/24688/commentary-from-the-council-on-clinical.

  2023 ; AAP Section/Committee/Council Retrospectives

- **Medical Student and Trainee Notes in the Electronic Health Record Era.** *Chest*

  Stevens, L. A., Pageler, N. M., Longhurst, C. A.

  2022; 162 (6): 1238-1240

- **Pediatric Subspecialty Adoption of Telemedicine Amidst the COVID-19 Pandemic: An Early Descriptive Analysis.** *Frontiers in pediatrics*

  Xie, J., Prahalad, P., Lee, T. C., Stevens, L. A., Meister, K. D.

  2021; 9: 648631

- **Measuring Electronic Health Record Use in the Pediatric ICU Using Audit-Logs and Screen Recordings.** *Applied clinical informatics*

  Sinha, A., Stevens, L. A., Su, F., Pageler, N. M., Tawfik, D. S.

  2021; 12 (4): 737-744

- **Improved Medical Student Engagement with EHR Documentation following the 2018 Centers for Medicare and Medicaid Billing Changes.** *Applied clinical informatics*

  Stevens, L. A., Pageler, N. M., Hahn, J. S.

  2021; 12 (3): 582-588

- **PEDIATRIC ICU ELECTRONIC HEALTH RECORD USAGE AS MEASURED BY AUDIT LOGS AND SCREEN RECORDINGS**

  Sinha, A., Stevens, L., Su, F., Pageler, N., Tawfik, D.

  LIPPINCOTT WILLIAMS & WILKINS.2021: 156

- **Measuring success: perspectives from three optimization programs on assessing impact in the age of burnout.** *JAMIA open*

  Lourie, E. M., Stevens, L. A., Webber, E. C.

  2020; 3 (4): 492–95

- **Electronic health record (EHR) training program identifies a new tool to quantify the EHR time burden and improves providers' perceived control over their workload in the EHR.** *JAMIA open*

  DiAngi, Y. T., Stevens, L. A., Halpern-Felsher, B. n., Pageler, N. M., Lee, T. C.

  2019; 2 (2): 222–30

- **The Electronic Health Record** *The Art and Science of Physician Wellbeing: A Handbook for Physicians and Trainees.*

  Sharp, C., Stevens, L.

  edited by Trockel, M., Roberts, L.

  Springer International Publishing.2019; 1st Ed.: 87–102

- **Designing An Individualized EHR Learning Plan For Providers.** *Applied clinical informatics*

  Stevens, L. A., DiAngi, Y. T., Schremp, J. D., Martorana, M. J., Miller, R. E., Lee, T. C., Pageler, N. M.

  2017; 8 (3): 924-935

- **Successful Physician Training Program for Large Scale EMR Implementation.** *Applied clinical informatics*
  Pantaleoni, J. L., Stevens, L. A., Mailes, E. S., Goad, B. A., Longhurst, C. A.
  2015; 6 (1): 80-95

- **The Value of Clinical Teachers for EMR Implementations and Conversions.** *Applied clinical informatics*
  Stevens, L. A., Pantaleoni, J. L., Longhurst, C. A.
  2015; 6 (1): 75-79

- **Immunization registries in the EMR Era.** *Online journal of public health informatics*
  Stevens, L. A., Palma, J. P., Pandher, K. K., Longhurst, C. A.
  2013; 5 (2): 211-?

- **Clinical Report A Male With Down Syndrome, Fragile X Syndrome, and Autism** *JOURNAL OF DEVELOPMENTAL AND BEHAVIORAL PEDIATRICS*
  Stevens, L., Tartaglia, N., Hagerman, R., Riley, K.
  2010; 31 (4): 333-337