





Natalie Pageler

- Clinical Professor, Pediatrics - Critical Care
- Clinical Professor, Medicine - Biomedical Informatics Research
-  NIH Biosketch available Online
-  Curriculum Vitae available Online

CLINICAL OFFICES

• Pediatric Intensive Care

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ACADEMIC CONTACT INFORMATION

• Administrative Contact

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Bio

CLINICAL FOCUS

- Pediatric Critical Care Medicine

ACADEMIC APPOINTMENTS

- Clinical Professor, Pediatrics - Critical Care
- Clinical Professor, Medicine - Biomedical Informatics Research

ADMINISTRATIVE APPOINTMENTS

- Chief Medical Information Officer, Stanford Children's Health, (2016- present)
- Program Director, Clinical Informatics Fellowship, (2019- present)
- Associate Program Director, Clinical Informatics Fellowship, Stanford University Medical Center, (2014-2019)
- Associate Chief Medical Information Officer, Stanford Children's Health, (2015-2016)
- Director of Clinical Informatics, Stanford Children's Hospital, (2014-2016)
- Physician Lead, Epic EMR Inpatient Implementation, Lucile Packard Children's Hospital, (2012-2014)
- Medical Director of Clinical Informatics, Lucile Packard Children's Hospital, (2012-2014)
- Associate Medical Director of Clinical Decision Support, Lucile Packard Children's Hospital, (2010-2012)

PROFESSIONAL EDUCATION

- Medical Education: Stanford University School of Medicine (2004) CA
- Fellowship: Stanford University Pediatric Critical Care Fellowship (2010) CA
- Residency: Stanford University Pediatric Residency (2007) CA
- Board Certification: Clinical Informatics, American Board of Preventive Medicine (2014)
- Board Certification: Pediatrics, American Board of Pediatrics (2007)
- MEd, University of Cincinnati , Medical Education (2013)

- Board Certification, American Board of Preventive Medicine , Clinical Informatics (2013)
- Board Certification: Pediatric Critical Care Medicine, American Board of Pediatrics (2010)

LINKS

- Stanford Clinical Informatics Fellowship: <http://systemsmedicine.stanford.edu/education/CI-Fellowship.html>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

In my administrative role, I oversee the development and maintenance of clinical decision support tools within the electronic medical record. These clinical decision support tools are designed to enhance patient safety, efficiency, and quality of care. My research focuses on rigorously evaluating--1) how these tools affect clinician knowledge, attitudes, and behaviors; and 2) how these tools affect clinical outcomes and efficiency of health care delivery.

Teaching

COURSES

2019-20

- Clinical Informatics Literature Review Seminar: BIOMEDIN 208 (Win)

2018-19

- Clinical Informatics Literature Review Seminar: BIOMEDIN 208 (Win)

2017-18

- Clinical Informatics Literature Review Seminar: BIOMEDIN 208 (Win)

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Biomedical Informatics (Phd Program)
- Clinical Informatics (Fellowship Program)
- Pediatric Critical Care Medicine (Fellowship Program)

Publications

PUBLICATIONS

- **Early experiences of accredited clinical informatics fellowships.** *Journal of the American Medical Informatics Association*
Longhurst, C. A., Pageler, N. M., Palma, J. P., Finnell, J. T., Levy, B. P., Yackel, T. R., Mohan, V., Hersh, W. R.
2016; 23 (4): 829-834
- **Use of a Checklist and Clinical Decision Support Tool Reduces Laboratory Use and Improves Cost.** *Pediatrics*
Algaze, C. A., Wood, M., Pageler, N. M., Sharek, P. J., Longhurst, C. A., Shin, A. Y.
2016; 137 (1): 1-8
- **Optimizing care of adults with congenital heart disease in a pediatric cardiovascular ICU using electronic clinical decision support*.** *Pediatric critical care medicine*
May, L. J., Longhurst, C. A., Pageler, N. M., Wood, M. S., Sharek, P. J., Zebrack, C. M.
2014; 15 (5): 428-434
- **Use of Electronic Medical Record-Enhanced Checklist and Electronic Dashboard to Decrease CLABSIs.** *Pediatrics*
Pageler, N. M., Longhurst, C. A., Wood, M., Cornfield, D. N., Suermondt, J., Sharek, P. J., Franzon, D.
2014; 133 (3): e738-46
- **Refocusing medical education in the EMR era.** *JAMA-the journal of the American Medical Association*
Pageler, N. M., Friedman, C. P., Longhurst, C. A.

2013; 310 (21): 2249-2250

- **Medical education in the electronic medical record (EMR) era: benefits, challenges, and future directions.** *Academic medicine*
Tierney, M. J., Pageler, N. M., Kahana, M., Pantaleoni, J. L., Longhurst, C. A.
2013; 88 (6): 748-752
- **A clinical case of electronic health record drug alert fatigue: consequences for patient outcome.** *Pediatrics*
Carspecken, C. W., Sharek, P. J., Longhurst, C., Pageler, N. M.
2013; 131 (6): e1970-3
- **Embedding time-limited laboratory orders within computerized provider order entry reduces laboratory utilization*.** *Pediatric critical care medicine*
Pageler, N. M., Franzon, D., Longhurst, C. A., Wood, M., Shin, A. Y., Adams, E. S., Widen, E., Cornfield, D. N.
2013; 14 (4): 413-419
- **Computerized Physician Order Entry With Decision Support Decreases Blood Transfusions in Children** *PEDIATRICS*
Adams, E. S., Longhurst, C. A., Pageler, N., Widen, E., Franzon, D., Cornfield, D. N.
2011; 127 (5): E1112-E1119
- **A Clinical Informatics Program Directors' Proposal to the American Board of Preventive Medicine.** *Applied clinical informatics*
Pageler, N. M., Elkin, P. L., Kannry, J., Leu, M. G., Levy, B., Lehmann, C. U.
2020; 11 (3): 483-86
- **Rapid Deployment of Inpatient Telemedicine In Response to COVID-19 Across Three Health Systems.** *Journal of the American Medical Informatics Association : JAMIA*
Vilendrer, S., Patel, B., Chadwick, W., Hwa, M., Asch, S., Pageler, N., Ramdeo, R., Saliba-Gustafsson, E. A., Strong, P., Sharp, C.
2020
- **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., Pageler, N. M., Lee, T. C.
2019; 2 (2): 222-30
- **OpenNotes: Toward a Participatory Pediatric Health System.** *Pediatrics*
Sarabu, C., Pageler, N., Bourgeois, F.
2018; 142 (4)
- **Enhancing pediatric airway safety using the electronic medical record.** *The Laryngoscope*
Rameau, A., Wang, E., Saraswathula, A., Pageler, N., Perales, S., Sidell, D. R.
2018
- **Integration of Single-Center Data-Driven Vital Sign Parameters into a Modified Pediatric Early Warning System.** *Pediatric critical care medicine*
Ross, C. E., Harrysson, I. J., Goel, V. V., Strandberg, E. J., Kan, P., Franzon, D. E., Pageler, N. M.
2017; 18 (5): 469-476
- **Improving Communication with Primary Care Physicians at the Time of Hospital Discharge.** *Joint Commission journal on quality and patient safety*
Destino, L. A., Dixit, A., Pantaleoni, J. L., Wood, M. S., Pageler, N. M., Kim, J., Platchek, T. S.
2017; 43 (2): 80-88
- **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): 924-35
- **Safety Analysis of Proposed Data-Driven Physiologic Alarm Parameters for Hospitalized Children** *JOURNAL OF HOSPITAL MEDICINE*
Goel, V. V., Poole, S. F., Longhurst, C. A., Platchek, T. S., Pageler, N. M., Sharek, P. J., Palma, J. P.
2016; 11 (12): 817-823
- **A rational approach to legacy data validation when transitioning between electronic health record systems.** *Journal of the American Medical Informatics Association*
Pageler, N. M., Grazier G'Sell, M. J., Chandler, W., Mailes, E., Yang, C., Longhurst, C. A.
2016; 23 (5): 991-994

- **Implementation of Data Drive Heart Rate and Respiratory Rate parameters on a Pediatric Acute Care Unit.** *Studies in health technology and informatics*
Goel, V., Poole, S., Kipps, A., Palma, J., Platchek, T., Pageler, N., Longhurst, C., Sharek, P.
2015; 216: 918-?
- **Propylene glycol toxicity in children.** *The journal of pediatric pharmacology and therapeutics : JPPT : the official journal of PPAG*
Lim, T. Y., Poole, R. L., Pageler, N. M.
2014; 19 (4): 277-282
- **Severe lactic acidosis and multiorgan failure due to thiamine deficiency during total parenteral nutrition.** *BMJ case reports*
Ramsi, M., Mowbray, C., Hartman, G., Pageler, N.
2014; 2014
- **In reply.** *Academic medicine*
Tierney, M. J., Longhurst, C. A., Pageler, N. M.
2013; 88 (12): 1790-1791
- **Significant Toxicity in a Young Female After Low-Dose Tricyclic Antidepressant Ingestion** *PEDIATRIC EMERGENCY CARE*
Grover, C. A., Flaherty, B., Lung, D., Pageler, N. M.
2012; 28 (10): 1066-1069
- **Making pediatrics residency programs family friendly: Views along the professional educational continuum** *JOURNAL OF PEDIATRICS*
Sectish, T. C., Rosenberg, A. R., Pageler, N. M., Chamberlain, L. J., Burgos, A., Stuart, E.
2006; 149 (1): 1-2
- **Heart rate correlates of attachment status in young mothers and their infants** *JOURNAL OF THE AMERICAN ACADEMY OF CHILD AND ADOLESCENT PSYCHIATRY*
Zelenko, M., Kraemer, H., Huffman, L., Gschwendt, M., Pageler, N., Steiner, H.
2005; 44 (5): 470-476
- **Effect of head orientation on gaze processing in fusiform gyrus and superior temporal sulcus** *NEUROIMAGE*
Pageler, N. M., Menon, V., Merin, N. M., Eliez, S., Brown, W. E., Reiss, A. L.
2003; 20 (1): 318-329