



Stanford
MEDICINE

Clinical Informatics Fellowship

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Outline

- Background
- Mission and Vision
- Values
- Didactics
- ACGME requirements
- Scholarship
- Rotation overviews
- Next steps

Background



- ABMS approved “Clinical Informatics” as a board-eligible subspecialty in Sept 2011
 - First board exams offered Oct 2013
 - Over a dozen board-certified Stanford faculty
- Physicians can grandfather into board-eligibility through the “practice pathway” through 2017, after which only graduates of ACGME accredited fellowships will be board-eligible

Mission and Vision of the CI Fellowship



The fellowship mission is to train the next generation of healthcare leaders in clinical informatics

Fellows will be trained through:

- Diverse practical experiences in academia, healthcare delivery, and industry
- Continued patient care activity
- Review of relevant literature in applied clinical informatics
- Acquisition of new skills and domain knowledge through didactic learning opportunities
- Implementation and evaluation of novel solutions and associated scholarly contribution



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Values of the CI Fellowship

- Solve real-world quality and process problems with informatics tools by aligning with current hospital initiatives
- Focus on outcomes measurement
- Prioritize fellows' interests
- Provide adequate unstructured time

- Summer lecture series
 - Meet site directors and other faculty prior to rotations
 - Understand faculty areas of expertise/focus
- OHSU certificate program
 - 3 required courses for foundational knowledge
 - Aligns with key topics for board exam
- Biomedical Informatics (BMI) MS/PhD training program alignment
 - Tue/Thu seminar series
 - BMI Fall retreat
 - BMI 208 (Winter) - clinical informatics lit review seminar

Projects and Scholarship

- SOC committees
- Longitudinal experience (CDS, MIDWG, ISPAG, etc)
- Project examples
 - bedside monitor alarm fatigue reduction / vital sign personalization
 - secure messaging
 - open notes
 - google glass in healthcare
 - alert randomization
 - ...

Required Rotations

- Stanford Children's Health - Site Director: Chris Longhurst (CMIO)
- Stanford Hospital & Clinics - Site Director: Topher Sharp (CMIO)
- Stanford School of Medicine - Site Director: Todd Ferris (CRIO equivalent)

Elective Rotations

Health Systems

- Palo Alto Medical Foundation - Site Director: Albert Chan MD (CMIO)
- VA Palo Alto - Site Director: Sarah Russell, MD (CMIO)
- Kaiser Northern California Dept of Research - Site Director: TBD
- Melbourne Children's Hospital - Site Director: Mike South, MBBS (CMIO)

Industry

- HP Labs - Site Director: Wei-Nchih Lee MD, PhD
- Doximity - Site Director: Alex Blau, MD

2014-2016 HP Fellows in Clinical Informatics



- Veena Goel
(pediatric hospitalist)



- Lance Downing
(internal medicine)



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