Clinical Informatics Fellowship

Christopher Longhurst, MD, MS (Program Director)
Natalie Pageler, MD, M.Ed. (Associate Program Director)
Jonathan Palma, MD, MS (Associate Program Director)
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
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
Didactics

- 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
  - ...

Stanford Medicine
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)