Introduction

• Technological advancements are forcing us to reconsider the delivery of healthcare, medical education, physician practice, and patient role.
• Critical for physicians to understand trends and development process.

Reflection

Organizational Perspective

• Collaborated with staff to organize 2 workshops for the Stanford Medical community: “Center for AI in Medicine & Imaging” in July, and “Digital Health at Google” in August
• Kept up to date on digital health news/trends/research directions to compose monthly newsletter.

Industry Perspective

• CDH Landscape Analysis of digital health trends: designed preliminary survey to be sent to Stanford ecosystem researchers.
• By attended various closed-door meetings, learned about how market/entrepreneurial interest in health data and digital health tools can complement and clash with patient interests.

Medical Perspective

• Observed physicians use new medical technologies in patient consultations.
• Exposure to clinical trials of digital health efficacy: Apple Heart Study, smartAdhere, etc.
• Completion of literature review for thesis/publishable piece under guidance of physician-developer mentor

Objective

• Exposure to multiple facets of medical technology development and research in an academic medical setting.
• Start thesis research under the guidance of a physician-developer.

Looking ahead

• Growing need for physicians at the forefront of bioinformatics and medical technology development to defend patient interest and advocate for more globally-minded innovations.

Thesis topic

Accelerating the pace of mHealth development and integration without addressing inequities in internet access risks compromising the wellbeing of digitally isolated patient populations.

Roles

• CDH organizational work (newsletter, workshops)
• Clinical shadowing at Palo Alto VA Hospital and Stanford Hospital
• Independent project under supervision of physician mentor

Acknowledgements

Special thanks to the Center for Digital Health, the Center for Health and Wellbeing, and the Health Scholars Program.