



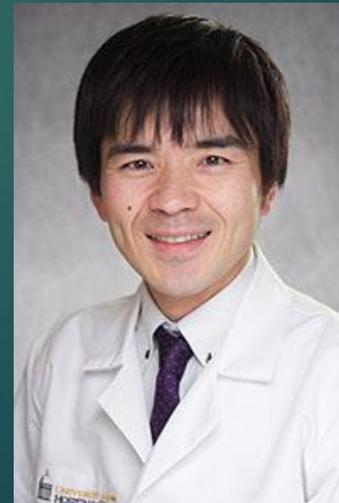
# Scholarly Opportunities in Infectious Disease

# Categories of Opportunities

- ▶ Healthcare Quality and Delivery
- ▶ Infection Prevention, Hospital Epidemiology
- ▶ The Epidemiology of Infections
- ▶ Antimicrobial Stewardship
- ▶ Basic Science: Innate Immunity & Host-Pathogen Interx's; Virology; Parasitology
- ▶ Clinical Research, including Global Health
- ▶ Medical Education Initiatives

# Healthcare Delivery (VA CADRE)

- ▶ **Michi Goto:** Health Services/Health Policy Effectiveness; Outcomes Research in Abx Resistance
- ▶ **Michael Ohl:** Rural Health Care Delivery; HIV PrEP; Integrated care for people who use substance
- ▶ **Hiroyuki Suzuki:** AMS, Health Services Research using Systematic Review/Meta-analysis; Integrated Care for Diabetic Foot Ulcer



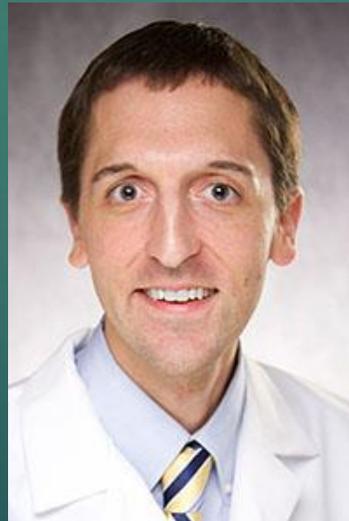
# Hospital Epi/Infx Prevention; The Epidemiology of Infections

- ▶ **Phil Polgreen:** Computational Epidemiology (blend ID w/ Computer Science & Biostatistics); novel applications of technology to mine data for the Epidemiology of Infections; Emerging Infections Network Director for CDC
- ▶ **Loreen Herwaldt:** Hospital Epi, including risk factors for HAIs; SSI prevention; Human factors engineering and ethnography to improve IP practice (eg, optimal use of PPE)



# Antimicrobial Stewardship/Hospital Epi

- ▶ **Dilek Ince:** UIHC AMS and related QI
- ▶ **Daniel Livorsi:** VA AMS Projects (stewardship metrics)
- ▶ **Karen Brust:** Hospital Epidemiology; QI



# Innovative Healthcare Programs for Vulnerable Populations

- ▶ **Quanhathai Kaewpoowat (Quan)**: TeleHealth for Hepatitis C Care
- ▶ **Martha Carvour**: Community Engaged Research; Patient-centered research; Care for patients with diabetes-related infections



# Clinical Research, including Global Health Projects

- ▶ **Martha Carvour:** MSK Infections; Diabetes-related infection
- ▶ **Poorani Sekar:** MSK Infections
- ▶ **Mary Wilson<sup>^</sup> & Selma Jeronimo\*:** Parasitology projects in Brazil\*<sup>^</sup> or India<sup>^</sup>



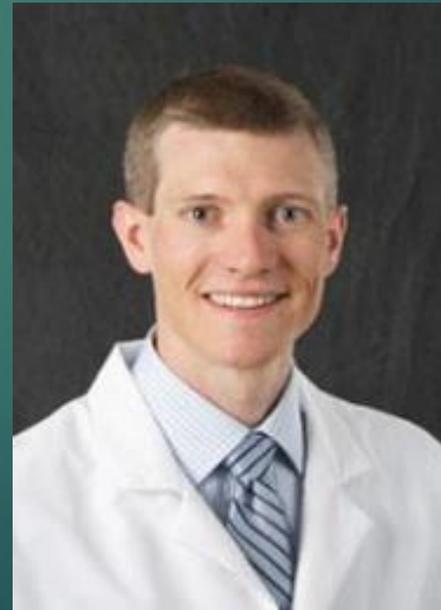
# Vaccine Trials, Virologic Research (clinical or basic science)

- ▶ **Pat Winokur:** Vaccine trials
- ▶ **Jack Stapleton:** HIV trials; Virus-immune cell interx
- ▶ **Jeff Meier:** HIV trials and other viruses (esp CMV)
- ▶ **Sabrina Tan:** Viral infections in imm-compromised (TP)



# Medical Micro

- ▶ **Kunatum (Jin) Prasadthratsint:** ID Diagnostic stewardship, CHF w/ itraconazole
- ▶ **Brad Ford,** Director of Micro Lab: Clin Micro projects



# Host-pathogen Interx's/Innate Immunity

- ▶ **Priya Issuree:** T cell development & regulatory elements; epigenetic mechanisms of T cells in response to vaccination/ T reg's
- ▶ **Prajwal Gurung:** Innate immune sensors and role in dz pathogenesis
- ▶ **Sabrina Tan:** CNS viral pathogenesis in immunocompromised hosts

# Other Clinical & Scholarly Interests of ID Faculty

- ▶ **Jason Barker:** Med Ed/curriculum development
- ▶ **Lemuel Non:** Ols in Transplant; Generative AI in medicine
- ▶ **Dilek Ince:** Ols in Transplant
- ▶ Case Reports/Case Series/Review Articles: multiple faculty

