



**CENTER FOR CLINICAL AND
TRANSLATIONAL SCIENCE**

UMCCTS Research Symposium
June 10, 2022 9:00 AM- 5:00 PM

Welcome and Opening Remarks

COVID Research Topics: Jeremy Luban, MD, Moderator

- 9:00-9:25** **Sarah Forrester, PhD**, Assistant Professor, Population and Quantitative Health Sciences
Novel Methods- Storytelling
- 9:25-9:50** **Katherine Fitzgerald, PhD**, Professor, Medicine
Novel Treatments
- 9:50-10:15** **Doyle Ward, PhD**, Associate Professor, Microbiology and Physiological Systems
Epidemiology of Variants
- 10:15-10:40** **Jeremy Luban, MD**, Professor, Program in Molecular Medicine
Viral Evolution/Future
- 10:40-11:00** *Break*
- 11:00-11:25** **Heidi Leftwich, DO**, Assistant Professor, Obstetrics and Gynecology
Pregnancy Research
- 11:25-11:50** **Nicholas Reich PhD**, Professor, UMass Amherst, School of Public Health & Health Sciences
COVID Forecasting
- 11:50-12:15** **Chiara Ghezzi, PhD**, Assistant Professor, Associate Chair - Ph.D. Program
Bryan Buchholz, PhD, Chair, Professor
UMass Lowell, Biomedical Engineering
Preclinical Testing
- 12:15-12:40** **Apurv Soni MD, PhD**, Assistant Professor, Medicine
Novel Approaches to Clinical Research and Implementation
- 12:40-1:00** *Lunch Break*
- 1:00-2:45** **Session on** Learning Health System & Digital Health
Organized by David D McManus, MD, Chair and Professor, Medicine and **M. Diane McKee**, Chair and
Professor, Family Medicine and Community Health- 15 min presentations followed by a panel discussion
- 1:00-1:15** **David D McManus, MD**, Chair and Professor & **Adrian Zai MD, PhD, MPH**, Associate Professor
Overview of LHS- digital infrastructure, PDM, practice-based research
- 1:15-1:30** **Hong Yu, PhD**, Professor, Director, UMass Lowell
CHORDS
- 1:30-1:45** **Lara Kovell, MD**, Assistant Professor
PCORI Home BP monitoring

- 1:45-2:00** **Alok Kapoor, MD**, Associate Professor
AC Decision Support
- 2:00-2:15** **Stephanie Carreiro, MD**, Assistant Professor
Opiate wearables
- 2:15-2:30** **Apurv Soni, MD, PhD**, Assistant Professor
RADx
- 2:30-2:45** **Panel Q&A Session**
- 2:45-3:00** *Break*
- 3:00-4:45** **Session on the Umass Chan Cancer Center: Translational Research and Clinical Trials**
Organized by Michael Green MD, PhD, Chair and Professor, Molecular, Cell and Cancer Biology and
Jonathan Gerber MD, Professor, Medicine- 20 min talks and 5 min questions
- 3:00-3:25** **Dohoon Kim, PhD**, Assistant Professor &
- 3:25-3:50** **Prabhani Atukorale, PhD**, Adjunct Assistant Professor
- 3:50-4:15** **Lucio Castilla, PhD**, Professor
- 4:15-4:40** **Craig Ceol, PhD**, Assistant Professor

Closing Remarks