



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 **Dohoон 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