

VANDERBILT SYMPOSIUM ON

IMPLEMENTATION RESEARCH IN THE LEARNING HEALTH SYSTEM

MAY 15

11:15 AM - 5:00 PM
VANDERBILT ENGINEERING
AND SCIENCE BUILDING

SPONSORED BY

Center for Clinical Quality and
Implementation Research

VICTR Learning Healthcare
System Platform

10:00 – 11:30

Pre-symposium Workshop

Opportunities in Implementation Science Grant Funding

Wynne Norton, PhD | Program Officer, NIH/NCI

Moderators: Carolyn Audet, PhD and Lyndsay Nelson, PhD

Poster set up

11:15 – 12:00

Check in and Lunch pick up

12:00 – 1:00

Keynote Speaker

Towards the Learning Hospital System: Research Grade Analytics on Operational Timelines

Vincent Liu, MD, MS | Kaiser Permanente

1:00 – 1:15

Symposium Welcome and Operational Partner Award

1:15 – 2:15

Panel Presentation

Enhancing Pragmatic Trials through EHR Integration: Screening, Randomization, and Intervention

Matthew Semler, MD, MSCI; Aileen Wright, MD, MS; Edward Qian, MD, MSACI; Derek Williams, MD, MPH

2:15 – 2:30

Break

2:30 – 3:30

Panel Presentation

Assessing Social Drivers of Health: Practice-Based Implementation Research

Sunil Kripalani, MD, MSc; Jennifer Hess, MD; Cristin Fritz, MD, MPH

3:30 – 5:00

Poster Reception

Session Leader: Lyndsay Nelson, PhD

Poster Presentations, Refreshments, and Poster Awards

Keynote Speaker



Vincent Liu, MD, MS
Senior Research Scientist
Kaiser Permanente

Vincent Liu, MD, MS, is a senior research scientist at the Kaiser Permanente Northern California Division of Research. He also directs the Systems Research Initiative, a multidisciplinary team at the Division of Research supported by The Permanente Medical Group (TPMG). His work focuses on the intersection of sepsis, acute severe illness, informatics, and health care delivery with a goal of building towards a learning hospital system. He is a widely recognized expert in applied informatics. He is also an active mentor and leads the TPMG Informatics Fellowship Program.

Dr. Liu is the Regional Director of Hospital Advanced Analytics in Kaiser Permanente Northern California. He has led and served on committees for the American Thoracic Society, the Society of Critical Care Medicine, the National Quality Forum, the National Institute for General Medical Services, and on the National Commission on Quality Assurance's Utilization Measure Advisory Panel.

Symposium Planning Committee

Sunil Kripalani, MD, MSc

Professor of Medicine, Hospital Medicine
Director, Center for Health Services Research & Center for Clinical Quality and Implementation Research

Lyndsay Nelson, PhD

Research Assistant Professor of Medicine
Assistant Director, Center for Clinical Quality and Implementation Research

Jay Morrison, MSN, RN

Senior Associate of Nursing
Director of Nursing Practice

Neesha Choma, MD, MPH

Associate Professor of Clinical Medicine
Associate Chief of Staff VUH & Executive Medical Director of Quality and Safety, VU Hospital and Clinics

David Johnson, MD

Associate Professor of Pediatrics, Hospital Medicine
Director of Quality, Pediatrics

Adam Wright, PhD

Professor of Biomedical Informatics & Medicine
Director, Vanderbilt Clinical Informatics Center

Robyn Tamboli, PhD

Research Program Manager
Center for Clinical Quality and Implementation Research

Cheryl Gatto, PhD, PMP

Research Assistant Professor of Biostatistics
Director, Vanderbilt Institute for Clinical and Translational Research (VICTR)
Operations Director, VICTR Center for Learning Healthcare

Matthew Semler, MD, MSCI

Assistant Professor of Medicine, Allergy, Pulmonary, and Critical Care Medicine & Biomedical Informatics
Medical Director, VICTR Center for Learning Healthcare

Jennifer Glenn, MSN, RN

Senior Associate of Nursing

Cathy Ivory, PhD, RN

Associate Professor of Clinical Nursing
Senior Director of Nursing Research, VUMC

Autumn Zuckerman, PharmD

Director, Health Outcomes and Research, Vanderbilt Specialty Pharmacy

Christianne Roumie, MD, MPH

Professor of Medicine & Pediatrics
Director, Vanderbilt Master of Public Health Program

Alison Carroll, MD, MPH

Assistant Professor of Pediatrics, Hospital Medicine
PROGRESS T32 Fellow

Special thanks to **Beverly Fetterman, Ricardo Trochez, Isaac Schlotterbeck, and Anna Sachs** for their invaluable help with symposium logistics and execution.

Poster Session

Poster numbers listed correspond to numbers on the poster boards. An * denotes completed work; all other posters are work in progress. The presenting author's name is underlined.

- 1*** **A Randomized Controlled Trial to Reduce Discharge Medication Errors in Hospitalized Children**
Alison Carroll, Jakobi Johnson, Robert Greevy, Justine Stassun, Amanda Mixon, and Derek Williams
- 2*** **Feasibility of a Family-Centered Dietary Lifestyle Intervention for Adults with Prediabetes and their Offspring**
Nadia Sneed, Raegan Kelley, Mariann Piano, Chelsea Van Wyk, Haley Turner, William Heerman
- 3*** **Assessments of Hospital Performance and Penalty Status Using Three Readmission Measures**
Yajun Yi, Henry Domenico, Leta Yi
- 4*** **Implementing Patient Reported Outcome Measures with Transgender and Gender Diverse Veterans**
Natalie Holt, Sally Friedman, Kevin Niswender
- 5** **Identifying Barriers and Facilitators to ASD Tele-assessment for Rural Families**
Liliana Wagner, David Schlundt, Kemberlee Bonnet, Zachary Warren
- 6** **Robotic versus Electromagnetic Bronchoscopy for Pulmonary Lesion Assessment: the RELIANT Pragmatic Randomized Controlled Trial**
Rafael Paez, Robert Lentz, Cristina Salmon, Justin Siemann, See-Wei Low, Jonathan Casey, Heidi Chen, Sheau-Chiann Chen, Samira Shojaee, Otis Rickman, Christopher Lindsell, Cheryl Gatto, Todd Rice, Fabien Maldonado
- 7*** **Implementation of an Electronic Health Record (EHR) Embedded Clinical Trial: The ACORN Trial Comparing Cefepime versus Piperacillin-Tazobactam**
Edward Qian, Jonathan Casey, Adam Wright, Li Wang, Justin Siemann, Mary Lynn Dear, Joanna Stollings, George Nelson, Edward Siew, Wesley Self, Matthew Semler, Todd Rice
- 8** **Collecting Non-Routine Events in Interhospital Care Transitions of Veterans, a Feasibility Study**
Michael Cauley, Dan France, Jason Slagle, Kelly Sopko, Jesse Wrenn, Michael Ward
- 9** **Usability Testing for Ecological Momentary Intervention for Memory in Chronic Traumatic Brain Injury**
Emily Morrow, Lyndsay Nelson, Melissa Duff, Lindsay Mayberry
- 10** **Obesity and Metabolic Syndrome in Veterans Living with Human Immunodeficiency Virus (HIV)**
Jasmine Berry, John Koethe, Morgan Johnson, Deonni Stolldorf, Carol Callaway-Lane, Christianne Roumie, Robert Dittus
- 11** **ECMO-free Trial: A Multicenter Pilot Feasibility Study**
Whitney Gannon, Ricardo Teijeiro Paradis, Lorenzo Del Sorbo, Matthew Prekker, Wren Sherrill, John Stokes, Sean Francois, Sarah Bloom, William Tucker, Janna Landsperger, Daniel Ford, Matthew Bacchetta, Eddy Fan, Todd Rice, Matthew Semler, Jonathan Casey
- 12** **Rural-Urban Disparities in Late HIV Diagnoses in Tennessee: Opportunities for Targeted HIV Testing and Prevention Interventions for Rural Communities in the Southeast**
Kevin Gibas, Peter Rebeiro, Meredith Brantley, Samantha Mathieson, Laurie Maurer, April Pettit
- 13** **Making the Right Choice: Comparing Medicare Plan Selection Among Beneficiaries with and without a History of Cancer**
Shelley Jazowski, Emma Achola, Lauren Nicholas, William Wood, Christopher Friese, Stacie Dusetzina

- 14 Sexual Health History: A VISN-Wide Assessment to Improve PrEP Utilization**
Amy Ratcliff, Morgan Johnson, Linda Chia, Matthew Cole, Carol Callaway-Lane, Deonni Stolldorf, Todd Hulgán, Christianne Roumie, Robert Dittus
- 15 Identifying ERIC Strategies Embedded in Evidence-based Programs for Health Promotion in African American Churches**
Rebecca Selove, David Schlundt, Korab Idrizi, Sarahy Maneiro Ramos, Pranathi Shankar, Sharon Jones, Taylor Perry, Aleigha Mason, Leah Alexander, Tom Waltz
- 16 Seeing the Unseen: Homelessness and Risk of Homelessness at Vanderbilt University Medical Center**
 Madeleine Ball, Sophie Druffner, Daniel Sack, Ian Jones, Marybeth Shinn, Jennifer Hess
- 17 Facilitators and Barriers to Early Peanut Introduction Among Pediatricians in the Vanderbilt Learning Health System**
Edward Iglesia, Kemberlee Bonnet, Chloe D’Agostino, David Schlundt, Russell Rothman
- 18* Development of a Predictive Nomogram for Circumferential Resection Margin in Rectal Cancer Surgery**
Megan Shroder, Molly Ford, Fei Ye, Zhiguo Zhao, Aimal Khan, Shannon McChesney, M. Benjamin Hopkins, Alexander Hawkins
- 19 Factors Associated with Acute Telemental Health Consultations in Older Veterans**
Erica Koch, Michael Ward, Alvin Jeffery, Thomas Reese, Chad Dorn, Shannon Pugh, Melissa Rubenstein, Jo Ellen Wilson, Corey Campbell, Jin Han
- 20* Bridging Recovery Initiative Despite Gaps in Entry (BRIDGE): Results from a Randomized Controlled Trial of Bridge Clinic versus Usual Care for Patients with Opioid Use Disorder**
David Marcovitz, Katie White, William Sullivan, Mary Lynn Dear, Rachel Wolf, Rebecca Donald, David Edwards, Ellie Han, Kristopher Kast, Thao Le, Christopher Lindsell, and Vanderbilt Learning Health System Investigators

Thank you to the **poster judges** for volunteering your time and expertise!

Jennifer Glenn, MSN, RN

Lindsay Mayberry, PhD, MS

Leanne Boehm, PhD, RN

Autumne Harding, APRN, MSN

Lyndsay Nelson, PhD

Amanda Mixon, MD, MS, MSPH

Cheryl Gatto, PhD, PMP

Cosby Stone, Jr, MD, MPH

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Submit your vote by 4:30 pm.

Poster award winners will be announced at 4:45 pm.



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