

Vanderbilt Learning Health Systems Symposium

Poster Session Information

Poster Session

- The poster presenter must attend the in-person poster session on May 14 from 9:30 - 11:30 am and be available to hang the poster that morning between 8:30 am and 9:15 am. Poster awards will be presented at the end of the event, approximately 3:15 pm.

Poster Registration

- The in-person poster session will accept posters that present projects in the following topic areas:
 - Implementation science: the study of how to integrate evidence-based practices, interventions, and policies into routine settings to improve health care delivery and patient health.
 - Quality improvement research: a systematic approach that aims to improve practices within a specific setting by collecting data, analyzing it, and implementing changes based on existing knowledge.
 - Embedded research in the learning health system: research within a health system that integrates internal data and experience with external evidence to improve patient care. This can include generating evidence (pragmatic trials), evaluating practice innovations, or data science.

*Please determine if your research project fits within these topic areas. See below for examples of posters presented last year. We welcome both work-in-progress and completed work! If you are unsure if your research project is a fit, please email Dr. Lyndsay Nelson at lyndsay.a.nelson@vumc.org or Dr. Autumn Zuckerman at autumn.zuckerman@vumc.org.

- Please complete your poster registration by April 17th, 2026 11:59pm CT at the following link: https://redcap.link/LHS_posterregistration2026.
 - **Information needed for the registration form includes: project status, topic area, poster title, and author list. You do not need to enter an abstract.**

Poster Judging and Prizes

- Prizes and trophies will be awarded to winning posters in the following categories: Best Work-in-Progress, Best Completed Work, People's Choice
- Judges will determine winners for Best Work-in-Progress and Best Completed Work.
- Posters will be judged based on the following criteria: Visual appeal, Clarity of content, Oral presentation of poster, Overall impact.

Poster Preparation

- Poster Size: Prepare poster to fit on a 4' H x 6' W poster board. Recommended poster size is 36" H x 48" W.
 - We are trying to keep poster sizes consistent across presenters; however, it is fine if you need to reuse a poster from another event with different size requirements.
- Poster Format: The content should be visible from a 2-3' distance. Any arrangement is allowable but consider the new "better poster" format - see links below to learn more.
 - <https://www.npr.org/sections/health-shots/2019/06/11/729314248/to-save-the-science-poster-researchers-want-to-kill-it-and-start-over>
 - <https://www.youtube.com/watch?v=1RwJbhkCA58>
- Poster Printing: The VU BRET office is an option. For more information, look under "Basic Sciences Poster Printing Core" at <https://medschool.vanderbilt.edu/basic-sciences/poster-printing/poster-printing-service-instructions-for-using-our-service/>

If you have questions, please contact Dr. Lyndsay Nelson or Dr. Autumn Zuckerman: lyndsay.a.nelson@vumc.org or autumn.zuckerman@vumc.org

2024 Poster Titles

1. Assessment of the Implementation of Collaborative Pharmacy Practice Agreements in an Integrated Health System Specialty Pharmacy
2. Measuring Outcomes of the Virtual Nursing Care Model: Optimizing Patient Care and Nurse Experience
3. Implementing an Electric Decision Aid to Reduce Bleeding Risk with Anticoagulants: A Qualitative Study with Patients and Clinicians
4. Pulse Oximetry and Skin Tone in Children (POSTer-Child): A Prospective Cohort Study
5. The Unintended Burden of the Use of Transmission-Based Precautions for Suspected COVID-19 Patients in the Ambulatory Setting
6. Implementation of Oral Anticancer Early Monitoring using Electrong Questionnaires
7. Patient Attitudes and Beliefs towards Deprescribing 5-Aminosalicylates in Patients with Inflammatory Bowel Disease on Concomitant Advanced Therapy: A Qualitative Analysis
8. Barriers and Facilitators to Implementing Advance Care Planning in Subsidized Housing: Qualitative Results
9. Monroe Carell Food Resource Navigation Center Implementation and Evaluation

10. Spread of Inpatient Food Insecurity Screening Across Monroe Carell
11. Optimizing Hospital-to-Skilled Nursing Transitions: A Structured Discharge Checklist with an Escalation Pathway
12. Who's Who in the PACU? A Multidisciplinary Quality Improvement Initiative to Improve Provider Response Times to Emergencies in the PACU
13. Evaluating the Impact of Operational Interventions on Emergency Department Crowding and Capacity
14. Improving Continuity of Care in the Nashville General Hospital Rheumatology Clinic
15. Identifying Barriers and Facilitators for De-Implementation of Antibiotics in Acute Uncomplicated Diverticulitis
16. Fostering Dementia Care Excellence: Improving Provider's Confidence through the Tennessee Dementia ECHO Program
17. A Novel Decision Aid for Colectomy in Recurrent Diverticulitis: Cluster Randomized Pilot and Feasibility Study
18. Proactive Tracking of Coverage Determination Prior Authorizations for Immunosuppressants in Transplant Recipients with Medicare Advantage Plans to Improve Pharmacy Staff Efficiency
19. Evaluating Implementation of a Health-Related Social Needs Multi-Level Initiative at Vanderbilt University Medical Center
20. Characterization of Adult Patients with Autism Spectrum Disorder that Use Patient Portal
21. Insurance Denials of Cancer Care: Insights from Medicare Part C and D Claims Appeals
22. Enhancing Bed Capacity Management with Time Series Forecasting of Emergency Admissions and Hospital Discharges
23. Association of Patient Health Literacy with Surgical Treatment of Breast Cancer and Outcomes
24. Standardized Blood Pressure Management in Primary Care
25. gLHS Network: Genomics-enabled Learning Health Systems Consortium
26. Evaluating Time to Oncologic Resection and Quality of Surgical Care with Veterans with Colon or Rectal Cancer through Community Care
27. Longitudinal Examination of the Intergenerational Patterns that Influence Health Behaviors and Health Outcomes in African American Families
28. ICU Liberation Revitalization
29. Improving Capture of Geriatric Syndromes in Hospital Documentation for Effective Care Transitions
30. Bridging the Gap: An Implementation Science Approach to Understanding Barriers and Disparities in Facial Synkinesis Care

31. Effect of Geographical Localization of Patients and Inpatient Provider Teams on Length of Stay
32. De-escalating Vancomycin in the ICU: The Swab Testing to Optimize Pneumonia Treatment with Empiric Vancomycin (STOP-Vanc) Randomized Controlled Trial
33. Human-Centered Design and Evaluation of an EHR-enabled Stewardship Clinical Decision Support Tool for Pediatric Lower Respiratory Tract Infections
34. Improving Head and Neck Cancer Patients Understanding of their Disease Process with 3D Tumor Models
35. Assessing Perioperative Supply Management and Nursing Perspectives with a Surgical Efficiency App
36. Development of a Visual Pathology Report to Improve Multidisciplinary Communication in Head and Neck Cancer Treatment
37. Novel Computer Based Adherence Monitoring in Kidney Transplant Recipients Using Overall Immunosuppressant Proportion of Days Covered