



DON'T MESS WITH RESEARCH

9th Annual MEDVAMC Research Poster Session

Wednesday, October 4, 2023 | 2:00 - 4:00pm



Presented by



SCHEDULE OF

EVENING

2:00 PM

Welcome!

2:10 - 2:35 PM

Poster Session A

2:35 - 3:00 PM

Poster Session B

3:00 - 3:25 PM

Poster Session C

3:25 - 3:45 PM

Judge's Deliberation

3:45 - 4:00 PM

Announcement of Awards



Session A Line Up | 2:10 PM

The below poster numbers will present during Session A. Please see the map on the last page to locate posters.

CTRID Posters

- 1** *Post-Traumatic Stress Disorder (PTSD) Patients Display Lower Functional Connectivity Between the Habenula and the Globus Pallidus. Presenter:* Terence Wayne Shaw II; **PI:** Ramiro Salas, PhD
- 2** *β 2-Glycoprotein I Plays a Significant Role in the Clearance of Pathogenic Extracellular Mitochondria. Presenter:* Swapan Dasgupta, MS, PhD; **PI:** Perumal Thiagarajan, MD
- 3** *Expansion of Trem2+CD11b+ Macrophages and Loss of SiglecF+ Pulmonary Tissue Macrophages in Murine Vaping Associated Acute Lung Injury. Presenter:* Yun ZHANG; **PI:** Farrah Kheradmand, MD
- 4** *CSP #595: Pulmonary Health and Deployment to Southwest Asia and Afghanistan. Presenter:* Paula Lyse & Flora Anyalebechi; **PI:** Farrah Kheradmand, MD
- 5** *Corneal Innervation and Sensitivity Following Obesogenic Diet Consumption and Aging. Presenter:* Justin Courson, PhD; **PI:** Alan Burns, PhD

IQUEST Posters

- 15** *Veteran Affairs Seamless Phase II/III Randomized Trial of Standard Systemic Therapy With or Without PET-Directed Local Therapy for Oligorecurrent Prostate Cancer (VA STARPORT). Presenter:* Katherine Galen, MPH; **PI:** Abhishek Solanki, MD
- 16** *Partnership as a Pathway to Diagnostic Excellence – The Challenges and Successes of the Safer Dx Learning Lab. Presenter:* Jennifer Sloane, PhD; **PI:** Traber Giardina, PhD
- 17** *Promoting Equitable Learning Environments Through Participation in an Advanced Feedback Curriculum. Presenter:* Jessica Castillo, BS; **PI:** Sylvia Hysong, PhD
- 20** *Lack of Knowledge of Antibiotic Risks Among an Outpatient Population is Associated with Intention to Use Non-Prescription Antibiotics. Presenter:* Eva Amenta, MD; **PI:** Barbara Trautner, MD, PhD & Larissa Grigoryan, MD, PhD
- 21** *Transfer Learning with BERT Radiology Impressions for Phenotyping Venous Thromboembolism. Presenter:* Arash Maghsoudi, PhD; **PI:** Javad Razjouyan, MS, PhD & Ang Li, MS, MD
- 27** *Impact of Cumulative Intimate Partner Violence (IPV) and Military Sexual Trauma (MST) on PTSD Treatment Outcomes in Female Veterans. Presenter:* Deleene Menefee, PhD; **PI:** Deleene Menefee, PhD
- 32** *Impact of a Two-Year Healthcare Quality Improvement Fellowship on the Knowledge and Skills of Interprofessional Fellows. Presenter:* Laura Witte, DrPH, MPH; **PI:** Kyler Godwin, PhD, MPH

CSR&D/RR&D/Other Posters

- 36** *Responsive Neurostimulation Reduces Hippocampal Seizures by Modulating Theta and Gamma Oscillations. Presenter:* Gabriel Reyes, BSc; **PI:** Zulfi Haneef, MD
- 37** *Characterizing the Bacteriophage Sensitivities of Uropathogenic E. coli from Hospitalized Patients with UTI at MEDVAMC. Presenter:* Jacob Zulk; **PI:** Barbara Trautner, MD, PhD
- 38** *Age at Onset and Therapeutic Efficacy of Primidone in Essential Tremor. Presenter:* Fariha Jamal, MD & George Jackson, MD; **PI:** George Jackson, MD
- 39** *Risk Factors of Sleep Disordered Breathing in Veterans with Parkinson's Disease. Presenter:* Aliya Sarwar, MD; **PI:** Aliya Sarwar, MD
- 40** *Central Nervous System 5-HT Plays a Role in Respiratory and Arousal Response to Hypoxia and Hypercapnia in Spinal Cord Injured Mice. Presenter:* Qingchao Qiu, MD, PhD; **PI:** Jason Mateika, PhD

Session B Line Up | 2:35 PM

The below poster numbers will present during Session B. Please see the map on the last page to locate posters.

CTRID Posters

- 6** *Sign and Goal Tracking in Humans May Differentiate Healthy vs Psychiatric Populations. Presenter:* Jada Malveaux; **PI:** Ramiro Salas, PhD
- 7** *Long-Term Persistence of Candida albicans in the Murine Gastrointestinal Tract. Presenter:* Kelsey Mauk; **PI:** David Corry, MD
- 8** *An Immunosuppressive Role for Platelet Protein Phosphatase 1 a in Cancer Pathophysiology. Presenter:* Deepika Subramanyam, PhD; **PI:** Vinod Vijayan, PhD
- 9** *Tumor-Derived Fibrinogen and Vimentin Interaction Promotes Pancreatic Ductal Adenocarcinoma Progression. Presenter:* Dongliang Liu, PhD; **PI:** Qizhi Cathy Yao, MD, PhD
- 10** *Testosterone Modulation of Muscle Gene Expression During Intensive Lifestyle Intervention in Older Men with Obesity and Hypogonadism. Presenter:* Viola Viola, MS; **PI:** Dennis Villareal, MD

IQUEST Posters

- 22** *Perspectives on Non-Prescription Antibiotic Use Among Hispanic Patients in the Houston Metroplex: A Qualitative Study. Presenter:* Lindsey Laytner, PhD, MPH; **PI:** Barbara Trautner, MD, PhD & Larissa Grigoryan, MD, PhD
- 23** *Effects of Acculturation and Social Norms on Intention to Use Antibiotics Without a Prescription Among Hispanic or Latino Individuals. Presenter:* Sophia Braund, BS; **PI:** Barbara Trautner, MD, PhD
- 25** *Leftover Antibiotics Are a Major Barrier to Antibiotic Stewardship: Results from a Survey in over 500 Patients in Ambulatory Care Settings. Presenter:* Kiara Olmeda, MS; **PI:** Barbara Trautner, MD, PhD & Larissa Grigoryan, MD, PhD
- 26** *How Has the VHA's Community Care Network for Screening Colonoscopies Changed After the MISSION Act? Presenter:* Chase Eck, PhD; **PI:** Chase Eck, PhD
- 28** *More Patients, More Medications, More Time: Using Medication Pass Analysis to Examine Longitudinal Changes in Inpatient Nurse Staffing and Workload from 2019-2022. Presenter:* Melissa Knox, RD; **PI:** Laura Petersen, MD, MPH
- 30** *Rural Veterans with HIV and Alcohol Use Disorder Receive Less Video Telehealth than Urban Veterans. Presenter:* Alan Sheinfil, PhD; **PI:** Anthony Ecker, PhD
- 31** *Evaluating the Necessity of Using Multiple Data Sources to Estimate Comorbidity Indices for VA-Medicaid Dual-Enrollees. Presenter:* Patrick O'Mahen, PhD; **PI:** Laura Petersen, MD, MPH

CSR&D/RR&D/Other Posters

- 41** *Suicide Prediction in Major Depressive Disorder Using Connectome Based Modeling. Presenter:* Lynnette Averill, PhD; **PI:** Lynnette Averill, PhD
- 42** *Findings of PTSD Specific Deficits in Default Mode Network Strength Following a Mild Experimental Stressor. Presenter:* Christopher Averill; **PI:** Chadi Abdallah, MD
- 43** *Biological Embedding of Early Trauma: The Role of Increased Prefrontal Synaptic Strength. Presenter:* Amanda Tamman, PhD; **PI:** Chadi Abdallah, MD
- 44** *Traumatic Brain Injury and Rapid Eye Movement Sleep Behavior Disorder Symptoms in OEF/OIF Veterans. Presenter:* Dakota Broadway, MA, Melissa Jones, MD, & Gursimrat Bhatti, MD; **PI:** Ricardo Jorge, MD & Melissa Jones, MD

Session C Line Up | 3:00 PM

The below poster numbers will present during Session C. Please see the map on the last page to locate posters.

CTRID Posters

- 11** *Growth Differentiation Factor (GDF15) Differentially Correlates Body Composition and Bone in Non-African American Obese Hypogonadal Men.* **Presenter:** Siresha Bathina, PhD; **PI:** Reina Villareal, MD
- 12** *Thrombin Cleaves Vimentin.* **Presenter:** Adrian Cebula, MS; **PI:** Miguel Cruz, PhD & Andrew Yee, PhD
- 13** *Active VWF (Exposed A1A2 Domains) Modulates Fibrin Polymerization and Fibrin Network Structure: Implications for Thromboinflammatory Diseases.* **Presenter:** Marina Martinez-Vargas, PhD; **PI:** Miguel Cruz, PhD
- 14** *Functional Characterization of von Willebrand Factor Using Phage Display.* **Presenter:** Alberto Partida; **PI:** Andrew Yee, PhD

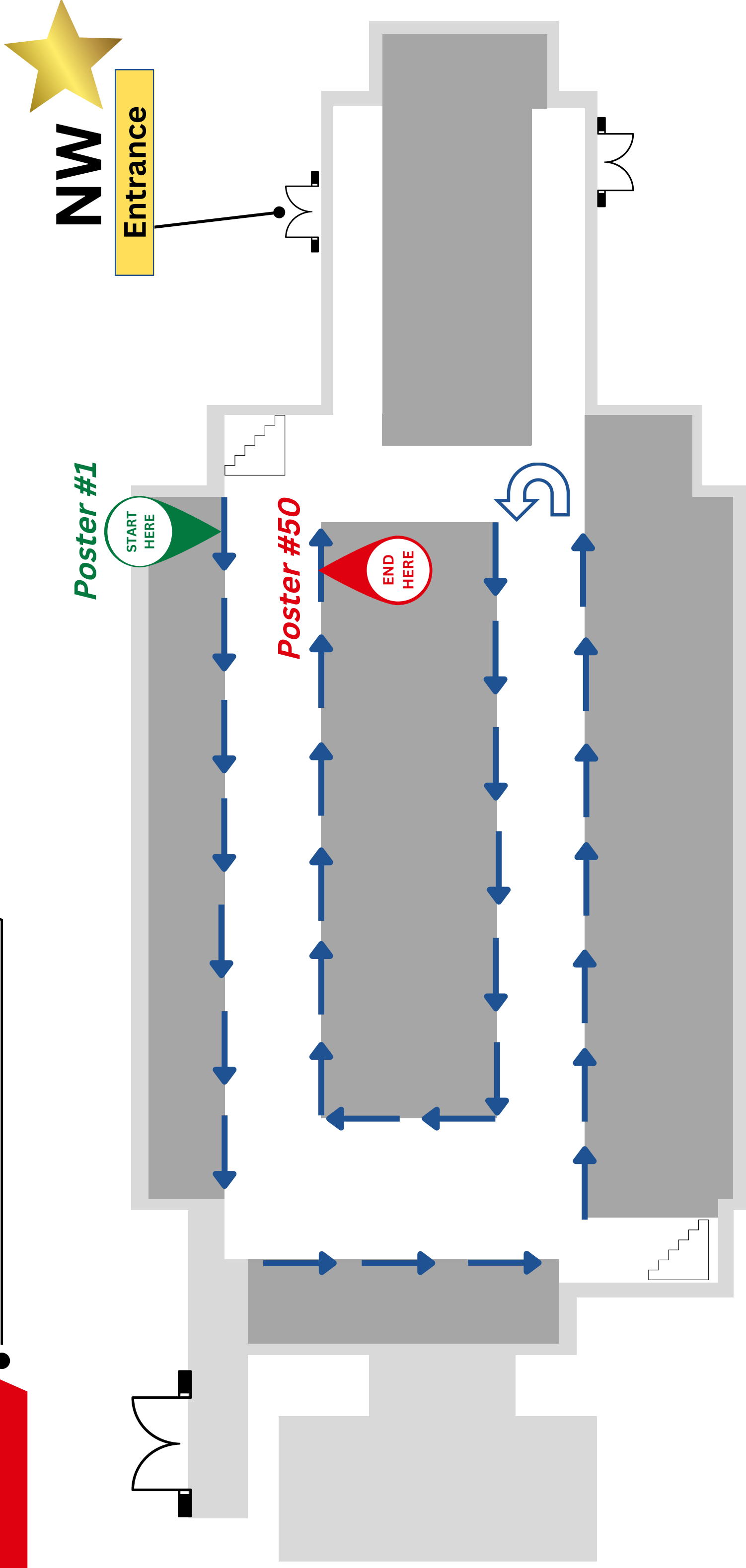
QUEST Posters

- 18** *Substance Use and Symptoms in Veterans with Gulf War Illness.* **Presenter:** Carl Berghult; **PI:** Drew Helmer, MD, MS
- 19** *Developing a Process to Apply Artificial Intelligence to Summarize Research Articles.* **Presenter:** Samuel McGuire; **PI:** Drew Helmer, MD, MS
- 24** *Local Lung Cancer Screening Program: Identification of Reasons “Not Enrolled” to Inform Education and Program Needs.* **Presenter:** Mandi Sonnenfeld, PhD, MOT, OTR/L; **PI:** Drew Helmer, MD, MS
- 29** *Where Are the Data and Specimens?* **Presenter:** Jaraad Ramkisson, MD; **PI:** Drew Helmer, MD, MS
- 34** *Sexual Health Concerns of Gulf War Women Veterans With and Without Severe Gulf War Illness.* **Presenter:** Alexandra Caloudas, PhD; **PI:** Drew Helmer, MD, MS
- 35** *African American and Hispanic Veteran Experiences with Mental Health Treatment and Anxiety Symptoms.* **Presenter:** Briana Johnson, BS & Amy Serratos, BA; **PI:** Jeffrey Cully, PhD, Terri Fletcher, PhD, & Darius Dawson, PhD
- 48** *What Factors Contribute to Erroneous Diagnosis of Unspecified Anxiety Disorder?* **Presenter:** Brandon Shanahan, MS; **PI:** Terri Fletcher, PhD

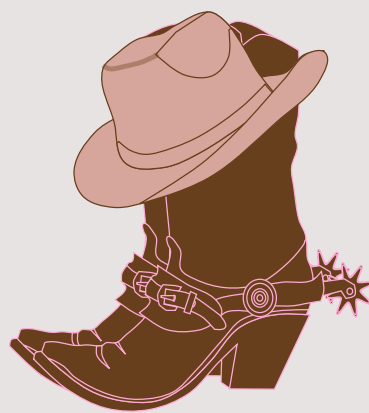
ESR&D/RR&D/Other Posters

- 33** *Violence and Physical Aggression in Parkinson’s Disease Without Dementia: A Systematic Review.* **Presenter:** Dakota Broadway, MA, Malena Gimenez-Zapiola, MA, Gursimrat Bhatti, MD, & Melissa Jones, MD; **PI:** Laura Marsh, MD, Ricardo Jorge, MD, & Melissa Jones, MD
- 45** *The Impact of Brain Stimulation on Verbal Memory.* **Presenter:** Promise Ufomadu, BSA & Megan Alam, BS; **PI:** Zulfi Haneef, MD
- 46** *Racial and Ethnic Differences in Arteriovenous Access (AVA) Use 1 Year After HD Initiation with a Central Venous Catheter (CVC).* **Presenter:** Melandrea Worsley, MD; **PI:** Melandrea Worsley, MD
- 47** *VA Coordinated Anxiety Learning and Management for Transdiagnostic Treatment of Co-Occurring Anxiety and Substance Use: A Pilot Randomized Controlled Trial.* **Presenter:** Jennifer Lee, BA & Brenda Salgado, BS; **PI:** Anthony Ecker, PhD
- 49** *Treatment Goals and Preferences of Black Patients with Chronic Musculoskeletal Pain.* **Presenter:** Mackenzie Shanahan, PhD; **PI:** Marianne Matthias, PhD
- 50** **Informational Poster: VA Technology Transfer Program.*
Specialist: Bhoomija Hariprasad, MS, Technology Transfer Specialist

Poster Session Key



Posters are organized in **numerical order**, *not according to presentation session*. For example, Poster #1 can be found where the “Start Here” icon is located on the map (on the West outer wall). Following the arrows, poster numbers will increase, and the last poster (poster #50) will be located at the “End Here” icon (on the West inner wall).



CONGRATULATIONS

POSTER SESSION AWARDEES



***Testosterone Modulation of Muscle Gene Expression During
Intensive Lifestyle Intervention in Older Men with Obesity and
Hypogonadism.***

PRESENTER: VIOLA VIOLA, MS



***Perspectives on Non-Prescription Antibiotic Use Among
Hispanic Patients in the Houston Metroplex: A Qualitative Study.***

PRESENTER: LINDSEY LAYTNER, PHD, MPH



***Responsive Neurostimulation Reduces Hippocampal
Seizures by Modulating Theta and Gamma Oscillations.***

PRESENTER: GABRIEL REYES

RUNNER-UPS

Thrombin Cleaves Vimentin.

PRESENTER: ADRIAN CEBULA, MS

***Rural Veterans with HIV and Alcohol Use Disorder Receive Less Video
Telehealth than Urban Veterans.***

PRESENTER: ALAN SHEINFIL, PHD