

A WALK DOWN MEMORY LANE



MEDVAMC RESEARCH POSTER SESSION

10 OCTOBER 2024 | 2:00 PM - 4:30 PM

PRESENTED BY



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.

Bolded names indicate presenters; Asterik (*) indicates PI

CSP Poster

- 1** Abhishek A. Solanki, Alicia Skipworth, Kevin Zheng, Kim Carlson, Isla Garraway, ...on behalf of the STARPORT Investigators Group (Presenter: **Katherine Galen**; PI: Albert Chen*). *Veterans Affairs Seamless Phase II/III Randomized Trial of Standard Systemic Therapy With or Without PET-Directed Local Therapy for Oligometastatic Prostate Cancer (VA STARPORT).*

CTRID Posters

3rd

- 2** **Syedmohammad Saadatagah**, Md Mesbah Uddin, Lachelle D. Weeks, Abhishek Niroula, Meng Ru, Koichi Takahashi, ... & Christie M. Ballantyne*. *Clonal Hematopoiesis and All-Cause and Cardiovascular Mortality in Older Adults (ARIC Study).*
- 4** **Siresha Bathina**, Georgia Colleluori, Lina Aguirre, Virginia Fuenmayor Lopez, Mia Prado, Dennis T. Villareal, Rui Chen, & Reina Armamento-Villareal*. *PRDM16 Enhances Osteoblastogenic RUNX2 via Canonical WNT10b/ β -CATENIN Pathway in Testosterone-Treated Hypogonadal Men.*
- 5** **Adrian Cebula**, Marina Martinez-Vargas, Miguel A. Cruz*, & Andrew Yee*. *The Role of Soluble Vimentin in Coagulopathy.*
- 6** **Justin A. Courson**, Arun Saini, Marina Martinez-Vargas, Stefanie Rivera, Luis A. Gardea, Juan Marini, Alan R. Burns, Vinod Vijayan, Trung Nguyen, Rolando E. Rumbaut*, & Miguel A. Cruz. *Aberrant Fibrin Clot Characteristics in a Porcine Model of Sepsis.*
- 7** **Swapna K. Dasgupta**, Ashley Payne, Jevea Moore, & Perumal Thiagarajan*. *Inflammation Leads to Uptake of Cell Free Mitochondria by Lung Endothelial Cells in vivo.*
- 8** **Nina Klonis**, Daeseung Kim, Giulia Gregori, Clifford Qualls, Dennis T. Villareal*, & Michael A.K. Liebschner. *High-Fidelity Finite Element Modeling Technique to Improve Sensitivity to Bone Tissue Changes of Older Adults with Obesity Undergoing Intensive Lifestyle Intervention.*

IQuEST Posters

- 18** **Mehrnaz Azarian**, Amin Ramezani, Amir Sharafkhaneh, Arash Maghsoudi, Melissa Jones, & Javad Razjouyan*. *Sleep Apnea Severity Has a U-Shaped Association with All-Cause Mortality.*
- 20** **Katherine G. Bay**, Arash Maghsoudi, Melissa B. Jones, Amin Ramezani, Drew Helmer, Amir Sharafkhaneh, & Javad Razjouyan*. *Worsening ESS Thresholds Predict Five-Year Mortality Risk: An NLP-Informed Model.*
- 22** **Caleb A. Casanova**, Vincent Zhang, Jennifer R. Bonds King, Rizwana Rehman, Nina I. Garga, Glenn D. Graham, Alan R. Towne, & Zulfi Haneef*. *Evaluating Success of the VHA Epilepsy Centers of Excellence (ECoE).*
- 23** **Jessica S. Castillo**, Richard SoRelle, Traber Giardina, Jennifer Freytag, Daniel Murphy, Jeffrey Cully, Rebecca Jiang, Amber Amspoker, & Sylvia J. Hysong*. *Maintaining Preventative Screening During Public Health Emergencies: Clinician Leader Perspectives of Workflow and Coordination.*

- 25** Chase S. Eck, Melissa K. Knox, Paras Mehta, & Laura A. Petersen*. *How Is Inpatient Workload Distributed Across Registered Nurses? Evidence from the Peak-Time Medication Pass.*
- 26** Adaeze Eze, Bridget A. Cotner, Nicholas Hoang, April Mohanty, Patrick O'Mahen, Chad Osteen, Vivian Ramont, Frances M. Weaver, & Drew A. Helmer*. *Supporting Policy Implementation: Methods and Tools for Assessing Evaluation Efforts.*
- 27** Rebecca Franks, Annika R. Bhananker, Victoria Sofia Martell, Adrian Haimovich, Kei Ouchi, Maura Kennedy, & Anita N. Chary*. *Understanding Emergency Department Disposition Decisions with People with Dementia.*
- 28** Catherine Grimme, Chris Zheng, Terri Fletcher*, Kelley Arredondo, & Natalie Hundt*. *Correlates of Burnout Among VHA Mental Health Providers: A Systematic Review.*
- 29** Arash Maghsoudi, Amin Ramezani, Javad Razjouyan*, Kathleen Kendle, Antonio Martinez, & Richard Stoneburner. *Utilizing Pre-Trained Large Language Models to Summarize Outpatient Visits' Notes: A Proof of Concept.*
- 35** Amin Ramezani, Mehrnaz Azarian, Amir Sharafkhaneh, Arash Maghsoudi, Melissa B. Jones, Thomas Penzel, Javad Razjouyan*. *Age Modifies the Association Between Severe Sleep Apnea and Mortality.*

Session B Line Up | 2:45 PM

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

Bolded names indicate presenters; Asterik (*) indicates PI

CTRID Posters

- 3** Seyedmohammad Saadatagah, Mohammadreza Naderian, Md Mesbah Uddin, Ozan Dikilitas, Art Schuermans, ... & Christie M. Ballantyne*. *Atrial Fibrillation and Clonal Hematopoiesis in TET2 and ASXL1.*
- 9** Dongliang Liu, Sung Wook Kang, Hyun-Sung Lee, Changyi Chen, & Qizhi Yao*. *Single-Cell Transcriptomic Analysis Reveals an Immunosuppressive Effect of Mesothelin in Tumor Microenvironment of Pancreatic Adenocarcinoma.*
- 10** Armando M. Marrufo, Maxwell Stewart, Chris Wendt, Eric Garshick, Vincent Fan, & Farrah Kheradmand*. *Assessing the Mechanism of Deployment-Related Particulate Matter_{2.5} Exposure in Pulmonary Dysfunction in Returning Veterans.*
- 11** Marina Martinez-Vargas*, Audrey A. C. Cleuren, Alberto Partida, Justin Courson, Luis Gardea, Rolando E. Rumbaut, Andrew Yee, & Miguel A. Cruz. *Influence of Platelet-Derived von Willebrand Factor on Fibrin Formation and Platelet Adhesion.*
- 12** Ashley C. Payne, Swapan K. Dasgupta, Jevea Moore, & Perumal Thiagarajan*. *Snake Venom-Induced Coagulopathy.*
- 13** Qingchao Qiu, Mirabela Hali, Nand Ganesh, Dragana Komnenov, Noreen Rossi, Donald Kuhn, & Jason H. Mateika*. *Lack of Central Nervous System Serotonin Exacerbates Systolic and Diastolic Dysfunction in Intact and Spinal Cord Injured Mice.*

IQuEST Posters

- 19** Amir Sharafkhaneh, Javad Razjouyan*, Earl Crew, Douglas Wallace, Mehrnaz Azarian, Yohannes Melaku, & Alexander Sweetman. *Mortality in Veterans with Insomnia, Sleep Apnea, and Comorbid Insomnia and Sleep Apnea (Comisa): A Cohort Study.*

- 21** Katherine G. Bay*, Julianna Hogan, & Jan A. Lindsay. *Getting the Picture: Supporting Visual AI Applications for Patient Education.*
- 30** Arash Maghsoudi, Melissa B. Jones, Amin Ramezani, Pooneh Rahimi, Sanam Sharafkhaneh, Sharonya Shetty, Samyukta Jhavar, Arusa Macnojia, Drew Helmer, Javad Razjouyan*, & Amir Sharafkhaneh. *Mortality in Middle-Aged and Older Adults Can Be Predicted by Their Self-Reported Sleepiness.*
- 31** Allen Michot III, Tracy Evans, Madhuri Vasudevan, Andrea Bradford, Natalie Hundt, Israel Christie, Gala True, & Mark Kunik*. *The Case for Screening for Diabetes Distress, Depression, and Anxiety.*
- 1st** **32** Noelle Nguyen, Sarah May, Mary A. Whooley, Karina Albab, Tarik Alkhateeb, Harold R. Collard, Laura A. Petersen, & Bhavika Kaul*. *Disease Severity at Index Diagnosis Among a National Cohort of Veterans with Idiopathic Pulmonary Fibrosis.*
- 33** Alice B. S. Nono-Djotsa, Donna White*, Peter Richardson, Sarah T. Ahmed, Stephen H. Boyle, Elizabeth Gifford, Melissa G. Johnson, Andrew D. Thompson, Elizabeth R. Hauser, J. Michael Gaziano, & Drew A. Helmer*. *Overall COVID-19 Vaccine Effectiveness Among Gulf War Era Veterans in the Cooperative Studies Program 2006/Million Veteran Program 029 Cohort.*
- 34** Patrick N. O'Mahen, Chase S. Eck, Cheng (Rebecca) Jiang, & Laura A. Petersen*. *Changes in the Use of VA and Medicaid Emergency Care by Veterans Before and After ACA Medicaid Expansion.*
- 36** Amin Ramezani, Amir Sharafkhaneh, Ahmed S. BaHammam, Samuel T Kuna, & Javad Razjouyan*. *Effects of COVID-19 on Sleep Services Use and Its Recovery.*
- 38** Jacob B. Lindheimer*, Jaraad Ramkissoon (additional presenter: **Shantel Peters**), Israel Christie, Rachel Wright, Julie Foglia, Melissa Johnson, Walter Frauman V., Kellie J. Sims, Joanna Gaitens, Melissa McDiarmid, Rudolph Johnson, & Drew A. Helmer. *Facilitating Biomarker Research for VA Military Exposures Research Program Investigators: A Systematic Evaluation of Existing Resources.*
- 45** Eva Amenta, Trenton M. Haltom, John Donnelly, Sophie Braund, Roger Hernandez, Andrew Chou, Vanessa Stevens, & Barbara W. Trautner*. *Tailor Swiftly: Lessons Learned from a Nationwide Implementation of an Antimicrobial Stewardship Program for Asymptomatic Bacteriuria.*

Session C Line Up | 3:20 PM

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

Bolded names indicate presenters; Asterik (*) indicates PI

CTRID Posters

- 14** Arun Saini*, Luis Gardea, Justin Courson, Stefanie Rivera, Deepika Subramanyam, Marina Martinez-Vargas, Vinod Vijayan, Miguel Cruz, & Trung Nguyen. *Interleukin 1 – Beta Increases Fibrin Polymerization Potential and Increases ex-vivo Clot Density.*
- 15** Sarah E. Sartain*, Paula M. Jacobi, Mrinal Ranjan, Danielle Guffey, Saleh Bhar, Ang Li, & Andrew Yee. *Tissue Kallikrein 1 and Alternative Complement Pathway Activation in Hematopoietic Stem Cell Transplant-Associated Thrombotic Microangiopathy.*
- 16** Deepika Subramanyam, Marina Martinez-Vargas, Subhashree Pradhan, Arun Saini, Justin Courson, Luis Gardea, Miguel Cruz, Trung C. Nguyen, & K. Vinod Vijayan*. *Endotoxin-Induced Proinflammatory P38 MAPK Phosphorylation and Kidney Injury Is Alleviated by Platelet Protein Phosphatase 1 a Crosstalk.*
- 17** Andrew Yee*, Manhong Dai, Alberto Partida, Michael Dong, Melda A. Guzel, Kyle H. Chang, & Fan Meng. *Functional Characterization of von Willebrand Factor Variants with Phage Display.*

IQuEST Posters

- 24** Huberta T. Cozart*. *Patient Experiences in the Utility of Environmental Control System.*
- 37** Amin Ramezani, Arash Maghsoudi, Maria Uribe, Joyce Tiong, Yvonne Sada, Javad Razjouyan*, & Derek J. Erstad. *Leveraging Generative AI for Prognostic Modeling of Liver Cancer Recurrence After Surgical Resection.*
- 39** Drew A. Helmer*, Jaraad Ramkissoon, Jacob Lindheimer, Israel C. Christie, Rachel Wright, Karen Block, & Rudolph Johnson. *Military Exposures Conceptualized to Promote a Learning Healthcare System: Organizing Complex Occupational and Environmental Exposure Information for Practicing Clinicians, Researchers, and Policy Makers.*
- 40** Vivian Ramont, Angela Rollins, Crystal Cruz, Nick Hoang, Emily Reinhard, Richard SoRelle, Stanley Taylor, Annette Walder, & Sylvia J. Hysong*. *Understanding Alternate Work Schedules and their Potential to Reduce Burnout for VA Nurses.*
- 2nd** **41** Brenda Salgado, Maribel Plasencia*, Natalie E. Hundt, Terri L. Fletcher, & Jeffrey A. Cully. *Adaptation Process: Behavioral Activation-Guided Self-Help for Depression in VA Primary Care-Mental Health Integration.*
- 42** Amy Serratos, Briana Johnson, Terri L. Fletcher*, & Darius B. Dawson*. *African American and Hispanic Veteran Perspectives on Improving Inclusion of Minoritized Individuals in Anxiety-Related Research.*
- 43** Mandi L. Sonnenfeld & Jane Anderson*. *National Institutes of Health Stroke Scale and Door to Needle Time Among Veterans Diagnosed with Acute Ischemic Stroke in the VA National Telestroke Program.*
- 44** Shreya Tamma, Annika Rhea Bhananker, David Leavitt, Mariana Rios, Elise Brickhouse, Jose Ramirez, & Anita N. Chary*. *Understanding Drivers of Frequent Emergency Department Use in Geriatric Patients: A Qualitative Study.*
- 46** Tyler Brehm, Larissa Grigoryan, Kiara Olmeda, Azalia Mancera, Roger Zoorob, Mohamad Sidani, Lindsey Laytner, Mace Adams, & Barbara W. Trautner*. *Pilot Testing of a Stakeholder-Driven, Patient Education Intervention in Primary Care to Reduce Use of Antibiotics Without a Prescription.*
- 47** Mario Venegas, Richard SoRelle, Traber Giardina, Jennifer Freytag, & Sylvia Hysong*. *Adapting Research Methods to an Overworked Population: The Use of Asynchronous Online Focus Groups.*
- 48** Juinell B. Williams*, Alexandra B. Caloudas, Haley Kolp, & Derrecka Boykin. *Physical and Mental Health Needs and Comorbidities of Black Female Veterans Who Have Experienced Military Sexual Trauma and Use VA Primary Care.*
- 49** Pui-Yan Grace Wong, Christine Yang, Melissa K. Knox, Patrick O'Mahen, Sankar Dass Navaneethan, & Laura A. Petersen*. *VHA Staff Perspectives on Care Coordination During Transition to Community Care for Dialysis.*
- 50** Melissa K. Knox, Paras D. Mehta, Rebecca Jiang, Chase S. Eck, Lynette Dorsey, Christine Yang, Grace Wong, & Laura A. Petersen*. *Validation of a Method for Estimating Inpatient Direct-Care Registered Nurse Hours Worked Based on Nurse Activity in the Electronic Health Record.*