



13th Annual SHP Student Research & Scholarship Symposium

Theme: *Research in the service of the public good: turning data into public health.*

Program

9:00 a.m. - 9:15 a.m.	Welcome to the 13th Annual SHP Research and Scholarship Symposium Antonina Mitrofanova, Ph.D. Associate Dean for Research, Rutgers School of Health Professions And Master of Ceremonies (MC) Shristi Rawal, Ph.D. Assistant Professor, Clinical and Preventive Nutrition Sciences
9:15 a.m. - 10:15 a.m.	Keynote Speaker Carolyn Clancy, M.D., MACP Assistant Under Secretary for Health Office of Discovery, Education and Affiliate Networks, Veterans Health Administration <i>"Research in Service of the Public Good: The View from VHA"</i>
10:15 a.m. - 10:30 a.m.	Break
10:30 a.m. - 11:45 a.m.	Student Presentations Moderator: Jean-Francois Daneault 1. <u>10:30am-10:40am + 5-minute Q&A</u> <i>Authors and Co-Authors:</i> Alainn Bailey, Mohamed Eltawil, Suril Gohel, Laura Byham-Gray <i>Title:</i> Machine Learning Models Using Non-Linear Techniques Improve the Prediction of Resting Energy Expenditure in Individuals Receiving Hemodialysis 2. <u>10:45am-10:55am + 5-minute Q&A</u> <i>Authors and Co-Authors:</i> Mehdi Nostrati, Pradeep Yadlapalli, Uran Maimekov, Ahmed Mahmoud, Mohamed Ahmed, Michael W. Craige, Sukanya Panja, Antonina Mitrofanova <i>Title:</i> Alternative Splicing Events Predict Overall Survival in Colorectal Adenocarcinoma



	3. <u>11:00am-11:10am + 5-minute Q&A</u> <i>Authors and Co-Authors:</i> Amrutha Vadrevu, Bilal Husain, Jamil Bhanji, Eric Garland, Mauricio Delgado, Suchismita Ray <i>Title:</i> Guided Mindfulness-Oriented Recovery Enhancement (MORE) meditation in women with opioid use disorder: Affective and neural characterization in a pilot study 4. <u>11:15am- 11:25am + 5-minute Q&A</u> <i>Authors and Co-Authors:</i> Christen Diel, Ryan Tom, Scott Parrott <i>Title:</i> Real-Time Pharmacist Notification of Rapid Diagnostic Testing (RDT) for Patients with Blood Stream Infections (BSIS): a Systematic Review and Meta-Analysis 5. <u>11:30am – 11:40am + 5-minute Q&A</u> <i>Authors and Co-Authors:</i> Anitha Ramakrishnan, Indrani Datta, Harmony Patel, Cassie Chu, Michael W. Craige, Giselle Jean-Marie, Sukanya Panja, Yingici Liu, Antonina Mitrofanova <i>Title:</i> Biological Age-Related Genes as Predictors of Disease Progression in Prostate Cancer Patients
11:45 a.m. - 12:30 p.m.	Break
12:30 p.m. - 3:30 p.m.	Student Poster Session (36 posters -see details below) (3-minute presentations/ 5-minute Q&A from each presenter)
3:30 p.m. - 3:45 p.m.	Break
3:45 p.m. - 4:45 p.m.	Faculty Presentation 2022 Excellence in Research Recipient Suril Gohel, PhD Assistant Professor, Health Informatics <i>“Understanding Brain disorders: Insights from NeuroImaging”</i>
4:45 p.m. – 5:00 p.m.	Closing Remarks





Student Poster Session Details

Session 1: 12:30 p.m. - 1:25 p.m.

Breakout Room 1

Moderator: James Scott Parrott

Time	Authors and Co-Authors	Poster Title
12:30 p.m. - 12:38 p.m.	Jiwoo Choi, Kaillee Philleo, Ke Wang, Weili Lu	Supported Education and Telehealth CBT for College Students with Complex PTSD: A Case Series
12:38 p.m. - 12:46 p.m.	Carolyn Bazan, Ke Wang, Krista Rogers, Serena Lamacchia, Jeganee Srijeanthan, Kaillee Philleo, Connor Fleischacker, Chaelin Lee, Jiwoo Choi, Weili Lu	Correlates of Adverse Childhood Experiences Among Trauma Exposed Students in Post-secondary Education
12:46 p.m. - 12:54 p.m.	Aarthi Shanmugavel, Jyoti Nepal, Jenna White, Smriti Shrestha, Sangam Banjara, Abha Shrestha, Shanti Subedi, Prabin Shakya, Jean-francois Daneault, Archana Shrestha, Shristi Rawal	Usability, Feasibility, and Acceptability of a Mobile Health Intervention for Women with Gestational Diabetes
12:54 p.m. - 1:02 p.m.	Kristen Hamilton, Jane Ziegler, Hamed Samavat, Floris Wardenaar, Carrie Esopenko, Jason Womack, Jason Krystofiak, Laura Byham-Gray	Nutritional Supplement Use and Athletic Characteristics Among a Sample of NCAA Division I and Division III Student-Athletes
1:02 p.m. - 1:10 p.m.	Valeria Castanos, Ni Gao, Amy Banko, Brittany Stone, Mandeiya Nuhu, Ifrah Akhtar	Career and Technical Education – A Career Pathway for Individuals with Mental Health Conditions
1:10 p.m. - 1:25 p.m.	Moderator led discussion.	

Breakout Room 2

Moderator: Shristi Rawal

Time	Authors and Co-Authors	Poster Title
12:30 p.m. - 12:38 p.m.	Jiwoo Choi, Connor Fleischacker, Krista Rogers, Amanda Siriram, Amy Banko, Giovanna Giacobbe, Adrian Stone, Ke Wang, Weili Lu	CBT Infused with Supported Education for Post-Secondary Education Students with PTSD and Index Trauma of Sudden Death: A Case Study



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12:38 p.m. - 12:46 p.m.	Vrinda Sheth and Weili Lu	Qualitative Study of the Impact of PTSD on Post-secondary Education in African American women
12:46 p.m. - 12:54 p.m.	Farhana Kabir and Lois Rockson	Comparison of diagnostic accuracy of conventional smears and ThinPrep preparations in ultrasound-guided thyroid FNA: A Systematic review
12:54 p.m. - 1:02 p.m.	Jessie Sullivan, Ni Gao, Laura Byham-Gray, Joachim Sackey	The Association of Food Security Status and Psychological Health Among Graduate Health Professions Students
1:02 p.m. - 1:10 p.m.	Angela Hanson, Claire O'Connell, Ashley Ignatiuk	Prophylactic Pain Control using Targeted Muscle Reinnervation for People with Amputations
1:10 p.m. - 1:25 p.m.	Moderator led discussion.	

Breakout Room 3

Moderator: Gerard Fluet

Time	Authors and Co-Authors	Poster Title
12:30 p.m. - 12:38 p.m.	Jiwoo Choi, Serena Lamacchia, Ke Wang, Krista Klie, Zara Adam, Connor Fleischacker, Ke Wang, Jeganee Srijeanthan, Giovanna Giacobbe, Amy Banko, Weili Lu	CBT Infused with Supported Education for Post-Secondary Education Students with Autism and PTSD: A Case Series
12:38 p.m. - 12:46 p.m.	Crystal Socha, Aubrey Daniels, Taylor Bigelow	Your students are ready to talk about race, are you? Anti-racist discussions in Counselor Education
12:46 p.m. - 12:54 p.m.	Glenn Brietzke, Laura Byham-Gray, Rebecca Brody, Joachim Sackey	Associations of skeletal muscle mass index and protein markers in patients with stage 5 chronic kidney disease receiving maintenance hemodialysis
12:54 p.m. - 1:02 p.m.	Alexis Achenbach, Micaela Colandreo, Gregory Dahl, Jonathan Jin, Amanda Lynch Justin Marquez, Julia Melao Stephan Stasiuk, Emely Velastegui, Anita Van Wingerden, James Scott Parrott	For people with Parkinson's Disease, does Ai Chi Aquatic Therapy have an effect on balance, functional mobility, and pain compared to Conventional Land Therapy?
1:02 p.m. - 1:25 p.m.	Moderator led discussion.	



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Session 2: 1:30 p.m. - 2:25 p.m.

Breakout Room 1

Moderator: Suril Gohel

Time	Authors and Co-Authors	Poster Title
1:30 p.m. - 1:38 p.m.	Jiwoo Choi, Serena Lamacchia, Krista Rogers, Emily Schultz, Connor Fleischacker, Ke Wang, Jeganee Srijeanthan, Kaillee Philleo, Weili Lu, Phillip Yanos	Free Therapy and Support: Qualitative Analysis of Educational Barriers and Service Needs among Post-secondary Students with Probable PTSD
1:38 p.m. - 1:46 p.m.	Lucille Brown, Carolyn Bazan, Ke Wang, Amanda Siriram, Chloe Chong, Yuane Jia, Jeganee Srijeanthan, Weili Lu, James Scott Parrott	Comparison of Posttraumatic Stress Disorder Symptom Structure Models in Trauma Exposed African American and European American Post Secondary Students
1:46 p.m. - 1:54 p.m.	Ashley Kratovil, Laura Byham-Gray, Rebecca Brody, Joachim Sackey	Comparison of Body Composition Measurements in Patients with Chronic Kidney Disease Receiving Maintenance Hemodialysis using Bioelectrical Impedance Analysis and Anthropometric Equations
1:54 p.m. - 2:02 p.m.	Grace Mullee, David Kietrys, Andrew Lynch, James Scott Parrott, Mary Lou Galantino, Todd Levin, Diane Reibel, Adrienne Simonds, Richard Ferraro	The Impact of Peripheral Neuropathy on Gait Speed, Walking Endurance, and Functional Leg Strength in Persons Living with HIV Disease: Preliminary Analysis of Cross-Sectional Study Data
2:10 p.m. - 2:25 p.m.	Moderator led discussion.	

Breakout Room 2

Moderator: Jose Centeno

Time	Authors and Co-Authors	Poster Title
1:30 p.m. - 1:38 p.m.	Janki Mevawala, Krista Rogers, Amanda Siriram, Ke Wang, John Beninato, Amy Banko, Weili Lu	Supported Education and Transdiagnostic CBT for College Students with Mental Health Conditions: A Review



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1:38 p.m. - 1:46 p.m.	Andrey Pogrebinskiy, Alexander Budhi Jr., Jonathan Gu, Anna Guglielmi, Neil Patton, Yash Raole, Daniel Sandowick, Jooyeon Son, John Palmieri, Judy Deutsch	For persons with Parkinson's Disease, is immersive virtual reality feasible to promote mobility?
1:46 p.m. - 1:54 p.m.	Jessica Lowe, Jane Ziegler, Laura Byham-Gray, Rachel Patusco, Pamela Rothpletz-Puglia	Self-care Behaviors and Quality of Life in Adults with Phenylketonuria: A Convergent Mixed Methods Study
1:54 p.m. - 2:02 p.m.	Crystal Socha, SunHee J. Eissenstat, Ni Gao, Rebecca Brody	Need for Integrated Interventions for Depression Among People with Severe Mental Health Conditions: Nutrition and Mental Health Care
2:10 p.m. - 2:25 p.m.	Moderator led discussion.	

Breakout Room 3

Moderator: Weili Lu

Time	Authors and Co-Authors	Poster Title
1:30 p.m. - 1:38 p.m.	Krista Klie, Maritza Morales, Jason Diviney, Ke Wang, Weili Lu, Janice Oursler, Samantha Herrick, Ni Gao, John Beninato, Janki Mevawala, Ariella Silberman	Comparing Telehealth-Based and In-Person Soft Skills Training for Persons with Disabilities During COVID-19: A Pilot Study
1:38 p.m. - 1:46 p.m.	Haley Coursen, Christina Diamantis, Dan Gorelik, Ian Maxwell, Richard Ferraro	The Effect of Core Stability Training on Posture and Balance in High Fall Risk Populations: A Systematic Review
1:46 p.m. - 1:54 p.m.	Diana Ramirez, Deborah Cohen, Joachim Sackey, Rebecca Brody	Knowledge of the ASPEN Guidelines for Nutrition Support Therapies Among Healthcare Professionals With and Without the CNSC Credential
1:54 p.m. - 2:02 p.m.	Srilakshmi Ponukumati and Barbara Tafuto	Comparing the Effectiveness of Aripiprazole on Males versus Females for Improving Antipsychotic Drug-Induced Hyperprolactinemia
2:10 p.m. - 2:25 p.m.	Moderator led discussion.	



Session 3: 2:30 p.m. - 3:25 p.m.

Breakout Room 1

Moderator: Jean-Francois Daneault

Time	Authors and Co-Authors	Poster Title
2:30 p.m. - 2:38 p.m.	Jiwoo Choi, Ke Wang, Jeganee Srijeeyanthan, Marco Tang, Vrinda Sheth, Chaerin Lee, Weili Lu	Who drops out of school? Preliminary findings on services adding educational barriers among PSE students with PTSD
2:38 p.m. - 2:46 p.m.	Amanda Coyne, Jiwoo Choi, Janki Mevawala, Jennifer Feng, William Waynor, Yuane Jia	Examining the relationship between psychiatric rehabilitation attitudes, college self-efficacy, and educational barriers of undergraduate students
2:46 p.m. - 2:54 p.m.	Corey Hawes, Alison Gomes, Laura Byham-Gray, Stephanie Henderson	The effect of oral nutritional supplements and appetite stimulants on weight status among pediatric cancer patients: A systematic review
2:54 p.m. - 3:02 p.m.	Harvey Kwang Ying Palalay, Riddhi Vyas, Barbara Tafuto	A systematic review to determine the real-world effectiveness of mRNA COVID-19 vaccines in the elderly during the predominance of Delta and Omicron variants
3:02 p.m. - 3:10 p.m.	Grace Mullee, David Kietrys, Tylor Bene, Caroline Carey, Kiana Peterson, Aurora Powasnick	Physical Therapy Interventions for Chronic Pain in Persons Living with HIV: A Systematic Review
3:10 p.m. - 3:25 p.m.	Moderator led discussion.	

Breakout Room 2

Moderator: James Scott Parrott

Time	Authors and Co-Authors	Poster Title
2:30 p.m. - 2:38 p.m.	Krista Klie, Esther Lo, Jason Diviney, Jana Silva, Ke Wang, Weili Lu, Dawoon Lee, Ariella Silberman, Janice Oursler, Samantha Herrick, Ni Gao, Tameika Minor, John Beninato, Sunhee Eissenstat,	Small Talk at Work: Can Teaching the Art of Small Talk via Telehealth to Individuals with Disabilities Enable Stronger Conversing Skills?
2:38 p.m. - 2:46 p.m.	Carolyn Bazan, Weili Lu, Francine Bates, William Waynor, Philip Yanos, Carol Gao, LueAnn Librera, Giovanna Giacobbe, Emily	Work is the Best Medicine: A Qualitative Analysis of Posttraumatic Stress Disorder and Supported Employment



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	Shultz	
2:46 p.m. - 2:54 p.m.	Alexander Orndahl and Frank Giannelli	PARP Inhibitor Maintenance Therapy In Patients with Newly Diagnosed Ovarian Cancer
2:54 p.m. - 3:02 p.m.	Amy Heussinger and Claire O'Connell	Antibiotic Therapy in the Treatment of Uncomplicated Appendicitis in Pediatric Patients
3:02 p.m. - 3:10 p.m.	Mayra Tuiche, Sukanya Panja, Antonina Mitrofanova	PathRF, a machine learning algorithm to identify biological pathways associated with abiraterone resistance in metastatic castration-resistant prostate cancer
3:10 p.m. - 3:25 p.m.	Moderator led discussion.	