



## 14<sup>th</sup> Annual SHP Student Research & Scholarship Symposium

### Program

9:00 a.m. - 9:15 a.m.	<p style="text-align: center;"><b>Welcome to the 14<sup>th</sup> Annual SHP Research and Scholarship Symposium</b></p> <p>Antonina Mitrofanova, Ph.D. Associate Dean for Research, Rutgers School of Health Professions</p> <p>Jeffrey DiGiovanni, PhD Dean, Rutgers School of Health Professions</p> <p><u>Master of Ceremonies (MC)</u> Soha Saleh, PhD Assistant Professor, Rehabilitation and Movement Sciences</p>
9:15 a.m. – 10:30 a.m.	<p style="text-align: center;"><b>Student Presentations (10-minute presentations + 5-minute Q&amp;A)</b></p> <p>Moderator: Suchismita Ray, PhD</p> <p>1. <u>9:15am-9:25am + 5-minute Q&amp;A</u> <i>Authors and Co-Authors: Jiwoo Choi, Krista Rogers, Marina Redlich, Dulibel Guzman, Kiana Paniagua, Chloe Chong, Jeganee Srijeyanthan, Brittany Stone, Amy Banko, Giovanna Giacobbe, and Weili Lu</i> <i>Title: Preliminary Insight for Integrated Cognitive Behavior Treatment (CBT) and Supported Education (SEd) Initiative for Addressing Educational Challenges among Post-Secondary Education (PSE) Students with PTSD</i></p> <p>2. <u>9:30am-9:40am + 5-minute Q&amp;A</u> <i>Authors and Co-Authors: Indrani Datta and Antonina Mitrofanova</i> <i>Title: Alternate splicing identifies molecular pathways as markers of induction therapy outcome in AML</i></p> <p>3. <u>9:45am-9:55am + 5-minute Q&amp;A</u> <i>Authors and Co-Authors: Stephen MacNeille, Aleksandra M Kostic, Matthew Weintraub, David Ahn, Benjamin Park, Jean Francois</i></p>



	<p><i>Daneault, and Alice Chu</i>  <u>Title: Upper Extremity Symmetry Differences in Children with Cerebral Palsy as Measured by Machine Learning Models</u></p> <p>4. <u>10:00am- 10:10am + 5-minute Q&amp;A</u>  <u>Authors and Co-Authors: Bilal Husain, Jamil Bhanji, Mauricio Delgado, and Suchismita Ray</u>  <u>Title: Monetary gain and loss representation in the brains of treatment seeking individuals with prescription opioid use disorder (POUD)</u></p> <p>5. <u>10:15am – 10:25am + 5-minute Q&amp;A</u>  <u>Authors and Co-Authors: Heather Seid, Abha Shrestha, Archana Shrestha, Kalpana Chaudhary, Kelly Martin, Laura Byham-Gray, and Shristi Rawal</u>  <u>Title: Association Between 1-Hour Glucose Challenge Test Values and Maternal Depression Risk in a Prospective Cohort from Dhulikhel, Nepal</u></p>
10:30am – 10:35am	<b>Break and Presentation Vote</b>
10:35am – 11:35am	<p align="center"><b>Student Poster Session 1</b></p> <p>Moderator: Shristi Rawal, PhD  (3-minute presentations/ 2-minute Q&amp;A from each presenter)  Session 1: 10:35am – 11:35am - 12 posters</p>
11:35am – 11:40pm	<b>Poster Vote</b>
11:35am – 12:30pm	<b>Lunch Break</b>
12:30pm – 1:30pm	<p align="center"><b>Student Poster Session 2</b></p> <p>Moderator: Jean-Francois Daneault, PhD  (3-minute presentations/ 2-minute Q&amp;A from each presenter)  Session 2: 12:30pm – 1:30pm - 12 posters</p>
1:30pm – 1:35pm	<b>Break and Poster Vote</b>
1:35pm – 2:25pm	<p align="center"><b>Student Poster Session 3</b></p> <p>Moderator: Laura Byham-Gray, PhD  (3-minute presentations/ 2-minute Q&amp;A from each presenter)  Session 3: 1:35pm – 2:25pm - 10 posters</p>
2:25pm – 2:35pm	<b>Break and Poster Vote</b>
2:35pm – 3:10pm	<p align="center"><b>Student Poster Session 4</b></p> <p>Moderator: Nathan Wages, PhD  (3-minute presentations/ 2-minute Q&amp;A from each presenter)  Session 4: 2:35pm – 3:10pm - 7 posters</p>
3:10pm – 3:15pm	<b>Poster Vote</b>
3:15pm – 3:30pm	<b>Break</b>
3:30pm – 4:30pm	<p align="center"><b>Faculty Presentation</b>  <b>2023 Excellence in Research Recipient</b></p> <p><u>Presenter: Weili Lu, PhD</u>  Associate Professor</p>



	Department of Psychiatric Rehabilitation and Counseling Professions <u>Presentation Title:</u> Undiagnosed and Undocumented PTSD: Predictors and Current Findings
4:30pm – 5:00pm	<b>Award Ceremony and Closing Remarks</b>

## Student Poster Session Information

### Session 1: 10:35am – 11:35am

**Moderator:** Shristi Rawal, PhD

#	Time	Authors and Co-Authors	Poster Title
1	10:35 a.m. -10:40 a.m.	Emily Brown, Elizabeth Di Prospero	Semaglutide and Heart Failure Management
2	10:40 a.m. -10:45 a.m.	Barbara Dunn, Chandni Suresh, Naima Watson, Taylor Criniti, Lori Younger, Tameika D. Minor	It's Not Just the Baby Blues: A Literature Review of Postpartum Depression among Low-Income Women
3	10:45 a.m. -10:50 a.m.	Amanda Wasserman and Thea Cogan-Drew	Surgical Outcomes in Immediate vs Delayed Breast Reconstruction Following Mastectomy
4	10:50 a.m. -10:55 a.m.	Bertheleau Ngakam, Barbara Tafuto, Zhaomeng Niu	Social Determinants of Health and COPD Treatment Outcomes: A Systematic Review
5	10:55 a.m. -11:00 a.m.	Sarah Singer, Monisha Chandrasheka, Carmela Bunch, Connor Arthurs, Cristin Shea, Yixuan He, Siyu Qiu, Giovanna Giacobbe, Weili Lu	Supervisor Feedback to Trauma-Informed Universal Precautions
6	11:00 a.m. -11:05 a.m.	Jennifer Joseph, Rahul Mittal, James Lee, Victoria Tam	Feeling Numb: A Case Study of Femoral Nerve Palsy After Direct Anterior Total Hip Arthroplasty
7	11:05 a.m. -11:10 a.m.	Holly Gorin, Michael Glassen, Qinyin Qiu, Amanda Cronce, Jigna Patel, Alma Merians, Sergei V. Adamovich, Gerard Fluet	Effect of game speed on engagement as measured by gaze, pupil diameter, and blink rate



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<b>8</b>	<b>11:10 a.m. -11:15 a.m.</b>	Kimora Grant, Christina Kang-Yi	Use of Peer Specialist Support for Suicide Prevention
<b>9</b>	<b>11:15 a.m. -11:20 a.m.</b>	Jahnvi Polavarapu, Janaki Ramya Namburu, Riddhi Vyas, Shankar Srinivasan	Influence of Vitamin D on Oral Bone Loss - A Retrospective Cohort Study
<b>10</b>	<b>11:20 a.m. -11:25 a.m.</b>	Maha Khan, Jennifer Joseph	Should Patients with Chronic Coronary Disease Add Low-Dose Colchicine to their Regimen to Prevent Adverse Cardiovascular Outcomes?
<b>11</b>	<b>11:25 a.m. -11:30 a.m.</b>	Saira Tariq, Jessie Zhou, Susan Hale, Christopher Welch, Giovanna Giacobbe, Amy Banko, Brittany Stone, William Waynor, James Scott Parrott, Halle Walcott, Shannon Taylor, Weili Lu, Michelle Mullen	Psychometric Properties of Educational Barriers Scale
<b>12</b>	<b>11:30 a.m. -11:35 a.m.</b>	Harshith Saligrama Ravindra, Michael Glassen, Gregory Ames, Karen Nolan, Soha Saleh	Corticomuscular connectivity post-rehabilitation training in subacute stroke

## **Session 2: 12:30pm – 1:30pm**

**Moderator: Jean-Francis Daneault, PhD**

<b>#</b>	<b>Time</b>	<b>Authors and Co-Authors</b>	<b>Poster Title</b>
<b>1</b>	<b>12:30 p.m. -12:35 p.m.</b>	Karielys Gonzalez, Derek Malenczak, Giovanna Giacobbe	Trauma-Informed Universal Precautions in NJ State Psychiatric Hospitals: Results from a Staff Training Evaluation
<b>2</b>	<b>12:35 p.m. -12:40 p.m.</b>	Bianca Colon, Lillian Brucker, Wenshu Wu, Christophe Vosatka, Tamar Asayan, Jillian Gerardi, Michael Ward, Samantha Herrick, Tameika Minor, Janice Oursler, Weili Lu	Psychometric Properties of Conversing with Others Knowledge Questionnaire
<b>3</b>	<b>12:40 p.m. -12:45 p.m.</b>	Jessica Lundberg, Nicole McLeer, Scott	The Effect of Blenderized Tube Feeding on Gastrointestinal Symptoms in Children – A



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		Parrott, Rena Zelig, Rebecca Brody	Narrative Review and Meta-Analysis
4	12:45 p.m. -12:50 p.m.	Allison Davanzo, Elizabeth Di Prospero	Breathe Easy: Clinical Decision Support Tools to Reduce Antibiotic Prescribing for Acute Bronchitis
5	12:50 p.m. -12:55 p.m.	Amrutha Vadrevu, Suchismita Ray	A Pilot Study to Examine the Relationship Between Oral Health and Mental Health in Individuals with Substance Use Disorder
6	12:55 p.m. -1:00 p.m.	Jiwoo Choi, Esther Lo, Krista Rogers, Monisha Chandrashekar, Jegane Srijeyanthan, Wenshu Wu, Weili Lu, Giovaana Giacobbe, Amy Banko, Brittany Stone	Free Therapy and Support: Qualitative Analysis of Educational Barriers and Service Needs Among Post-secondary Student with Probable PTSD
7	1:00 p.m. -1:05 p.m.	Felix Offei, Jean-Francois Daneault, Laura Byham-Gray	A Data-Driven Approach to Classify Renal Health -Machine Learning Applications in CKD Prediction
8	1:05 p.m. -1:10 p.m.	Rahul Mittal, Shankar Srinivasan, Michael Leyshon, Catherine Leyshon, Sulagna Majumdar	Community Engagement and Social Prescribing: A Survey Study
9	1:10 p.m. -1:15 p.m.	Carolyn Bazan, Rebecca Ghion, Susie Qiu, Weili Lu, Rob Evers, Nicholas Ricciotti, Jessica Raimondo, Jamie Vendemia, Esther Lo, Janice Oursler	Employment-Related Soft Skills for Young Adults with Disabilities: Development and Psychometric Properties of the Soft Skills Open-ended Inventory (SSOI)
10	1:15 p.m. -1:20 p.m.	Aarathi Shanmugavel, Abha Shrestha, Jean-francois Daneault, Prabin Shakya, Jyoti Nepal, Kalpana Chaudhary, Archana Shrestha, Shristi Rawal	Effect of a mobile health intervention on self-monitoring and management of glucose and blood pressure among women with gestational diabetes
11	1:20 p.m. -1:25 p.m.	Kristiana Simon, Jessica Gomes	In adults with psycho-dermatologic disorders, does N-Acetylcysteine reduce manifestations more than SSRIs?
12	1:25 p.m. -1:30 p.m.	Saira Tariq, Cleo Zifovski, Zachary Schmidt, Amanda	Help Seeking Skills Training for Persons with Substance Use Disorders



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		Gialanella, Jaclyn Hartwig, Weili Lu, Janice Oursler, Tameika Minor	
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### **Session 3: 1:35pm – 2:25pm**

**Moderator:** Laura Byham-Gray, PhD

#	Time	Authors and Co-Authors	Poster Title
1	1:35 p.m. -1:40 p.m.	Bianca Colon, Lillian Brucker, Jessie Zhou, Vrinda Sheth , Esther Lo, Shannon Ettinger, Weili Lu, Janice Oursler, Tameika Minor, Samantha Herrick, John Beninato, Ni Gao	Work-Related Conversational Skills Training for Persons with Substance Use Disorders
2	1:40 p.m. -1:45 p.m.	Rebecca Brody, Hamed Samavat, Andrew G. Day, Xuran Jiang, Laura Byham-Gray, Jayshil Patel, Charlene Compber, Daren K. Heyland, Lauren Tweel	The Clinical Impact of Varied Protein Doses in the Early and Late Acute Phases of Critical Illness: Results from a Post-Hoc Analysis of an International, Randomized Trial
3	1:45 p.m. -1:50 p.m.	William Waynor, Yuane Jia, Jennifer Feng, Amanda Coyne, Vidhi Patel	The Role of Hope in Undergraduate Psychiatric Rehabilitation Providers
4	1:50 p.m. -1:55 p.m.	Karen Dhami, Jemima Baskar, Christian Nicolas, Emily Peters, Zhaomeng Niu	Developing and Refining a Skin Cancer Intervention among Hispanics
5	1:55 p.m. -2:00 p.m.	Jiwoo Choi, Annette Backs, Tameika Minor, Ni Gao, Janice Oursler, Matthew Demasi, Jeganee Srijeanthan, John Beninato, Weili Lu	Interprofessional Training for Opioid Disorder Treatment: A Pilot Study of Student Outcome Analysis of Interprofessional Training for Opioid Use Disorder



6	2:00 p.m. -2:05 p.m.	Rushi K Mehta, Elizabeth Di Prospero	The Effects of Cognitive Behavioral Therapy (CBT) in Reducing Tinnitus Distress
7	2:05 p.m. -2:10 p.m.	Agnya Shah, Crystal Meyers, James Parrott, Rebecca Brody, Rena Zelig	Effects of Oral Probiotic Supplementation on Constipation Symptoms in Older Adults with Chronic Constipation
8	2:10 p.m. -2:15 p.m.	Camila Romero, Michelle Zechner	People With Mental Health Conditions and Oral Health: Literature Review
9	2:15 p.m. -2:20 p.m.	Sheena MacFarlane, Paula Bermel, Andrew Lynch, Taylor Pieroni, Warren Yang, Oonagh Breen, Melissa Layman, Peter Quinn	Modification of Ventilatory Support During Early Mobilization for Patient with Prolonged Mechanical Ventilation: Case Study
10	2:20 p.m. -2:25 p.m.	Chandni Suresh, Brittany Stone	Risk Factors of Suicidality in Individuals with Autism Spectrum Conditions

### Session 4: 2:35pm – 3:10pm

**Moderator:** Moderator: Nathan Wages, PhD

#	Time	Authors and Co-Authors	Poster Title
1	2:35 p.m. -2:40 p.m.	Naghm Darwish, Anthony Zazzarino	Exploring the Efficacy of Peer Support in Acute Psychiatric Settings: Scope Review
2	2:40 p.m. -2:45 p.m.	Sarah Roleke, Ryan White	Disability and mortality in ischemic stroke patients treated with tenecteplase versus alteplase
3	2:45 p.m. -2:50 p.m.	Greg Hofmann, Deidre Gilyard, Marwa Attia, Rabeea Ilyas, Brittany Kiley, Alyson Levanduski, Victoria Shriver, Carmela Bunch, Sarah Singer, Monisha Chandrashekar, Weili Lu, Giovanna Giacobbe, Yixuan He, Siyu Qiu	Exploring Staff Feedback on Trauma Training in Psychiatric Hospitals: Implications for Patient-Centered Care and Staff Well-being
4	2:50 p.m. -2:55 p.m.	Steven Knezevic, Sandra L. Kaplan	Cardio-Metabolic Effects of One Hundred Hours of Exoskeleton Assisted Walking in Individuals with Spinal Cord Injury
5	2:55 p.m. -3:00 p.m.	Nandini Naga, Shankar Srinivasan,	A Cross-sectional Study on the Effect of Physical Activity on Depression in Chronic



		Riddhi Vyas	Kidney Disease Patients
6	3:00 p.m. -3:05 p.m.	Jiwoo Choi, Susie Qiu, Carolyn Bazan, Krista Rogers, Jeganee Srijevanthan, Esther Lo, Sydney Tulloch, Chloe Chong, Choice Sellers, Antonio Pagan, McKenna Cameron, Kaitlyn Lauer, Kiana Paniagua, Marina Redlich, Dulibel Guzman, Ke Wang, Chaerin Lee, Giovanna Giacobbe, Amy Banko, Brittany Stone, Krista Klie, Weili Lu	Clinical Associations of Educational Obstacles in Post-Secondary Education Students with Post-Traumatic Stress Disorder (PTSD)
7	3:05 p.m. -3:10 p.m.	Allison Siglin, Amanda Rempel, J. Scott Parrott, Rebecca Brody, Rena Zelig	The Impact of Ketogenic Therapy on Seizure Cessation Among Adults with Refractory Status Epilepticus