




InterLACE 2023

Find below the detailed schedule for the 2023 InterLACE Research Showcase event, which will take place live **via Zoom on Friday, April 14, 9:00am - 3:30pm**. Come hear 15-minute slide presentations and 5-minute poster presentations featuring the interdisciplinary and interprofessional collaborations conducted by NSU faculty, clinicians, students, and research staff. We will also have a keynote address to start the event, along with a closing session to announce Special Awards and engage all attendees in brainstorming and networking activities.

Zoom links for each session linked and highlighted below.

Schedule of Presentations:

<p>9:00-9:10am</p>	<p>Sign-in and Welcome</p> <p>"Main room" Zoom link: https://nova.zoom.us/j/96228681539?pwd=ZEFMMXdS2xKTzdGVHRjcklkUWtkUT09&from=addon</p>
<p>9:10-9:40am</p>	<p>Keynote Address</p> <p>"Main room" Zoom link: https://nova.zoom.us/j/96228681539?pwd=ZEFMMXdS2xKTzdGVHRjcklkUWtkUT09&from=addon</p> <div data-bbox="349 1255 1295 1409" style="border: 1px solid black; padding: 5px;">  <p><i>Collaborating across Disciplines: A "Contact Sport" for Improving Health</i> <i>Timothy S. Tracy, Ph.D. is CEO of Koru Biopharma, Inc.</i></p> </div>
<p>9:40-9:55am</p>	<p>Overview of Schedule and Navigating Sessions</p> <p>"Main room" Zoom link: https://nova.zoom.us/j/96228681539?pwd=ZEFMMXdS2xKTzdGVHRjcklkUWtkUT09&from=addon</p>
<p>10:00-11:15am</p>	<p>Session 1</p> <p><u>Room A – Benefits of Technology</u></p> <p>"Room A" Zoom link: https://nova.zoom.us/j/95766769947?pwd=eIR0dmZZMTVyNHZYEdNN0tEZkJMUT09</p> <ul style="list-style-type: none"> • Louis R. Nemzer - "Critical and Ictal Phases in Simulated EEG for Seizure Prediction" (Halmos College of Arts & Sciences) • Mohammad Golam Sabbir - "Highly antigenic novel soluble HIV-1 clade C 1086.c ENV trimer vaccine candidate" (Barry & Judy Silverman College of Pharmacy)

- **Neil Patel** - "Utilizing Neural Networks to associate Psychosocial Factors and Indicators of Frailty" (Dr. Kiran C. Patel College of Osteopathic Medicine)
- **Kimberly Deranek** - "The Impact of Exercise Motives on Adolescents' Sustained Use of Wearable Technology" (H. Wayne Huizenga College of Business and Entrepreneurship)
- **Shreya P. Surti** - "X-Ray Crystallography of Self-Assembling Materials" (Halmos College of Arts & Sciences)
- **Melissa Morris** - "Virtual Reality Simulation in Allied Health Education" (Dr. Pallavi Patel College of Health Care Sciences)

Room B – The Human Body & Disease (Part 1)

"Room B" Zoom link:

<https://nova.zoom.us/j/93330244366?pwd=MWxCYWRRxUIJsZ1c3cGt3dEU3aFNMQT09>

- **Alexandra Perez** – "Pain Medication Use in Patients with Type 2 Diabetes: NHANES 2005-2018" (Barry & Judy Silverman College of Pharmacy)
- **Umamaheswari Natarajan** – "Alterations of DNA Methylation Profile in Multiple Myeloma Patients Experiencing Chemotherapy-Induced Peripheral Neuropathy" (Barry & Judy Silverman College of Pharmacy, Rumbaugh-Goodwin Institute for Cancer Research)
- **Lauren Tabor Gray** – "Improving speech and swallowing in pALS: Preliminary efficacy of Nuedexta treatment" (NSU Health, Dr. Kiran C. Patel College of Allopathic Medicine)
- **Stephen G. Grant** – "Elevated bone marrow somatic mutation and evidence for genomic instability in children with autism spectrum disorder" (Dr. Kiran C. Patel College of Osteopathic Medicine)

11:20am-12:35pm

Session 2

Room A – Advancing Education

"Room A" Zoom link:

<https://nova.zoom.us/j/95766769947?pwd=eIR0dmZZMTVyNHZYZEeNN0tEzkJMUT09>

- **Joshua Costin** - "Evaluation of Clinically Centered Coursework on Student Perceptions and Learning Outcomes in an Optometry program" (Dr. Kiran C. Patel College of Allopathic Medicine)
- **Anymir Orellana** – "Promoting Inclusive Learning: Investigating the Use of AI-Powered Real-Time Automated Captions/Subtitles in Live Online Presentations" (Abraham S. Fischler College of Education and School of Criminal Justice)
- **Mahima Dave** - "Sleep Health Matters for All': Wellness Intervention for the Pediatric Down Syndrome Population" (Dr. Kiran C. Patel College of Osteopathic Medicine)
- **Jackie Hinckley** – "Student Learning Outcomes of an Interdisciplinary Team-Based Experience: The Interprofessional Diabetes Education and Awareness (IDEA) Initiative" (Dr. Pallavi Patel College of Health Care Sciences)
- **Timothy Dennis O'Connor** - Nursing Students' Response to the Age-Friendly Health Systems 4Ms Framework Curriculum (College of Nursing)
- ~~**Raquel Garcia** – "Tiny Tots Transition to Home Quality of Life Grant" (Dr. Pallavi Patel College of Health Care Sciences)~~

	<p><u>Room B – The Human Condition: Beliefs, Decision Making, & Teamwork</u></p> <p>“Room B” Zoom link: https://nova.zoom.us/j/93330244366?pwd=MWxCYWWRxUIJsZ1c3cGt3dEU3aFNMQT09</p> <ul style="list-style-type: none"> • Jesus Sanchez – “Predictors Of HPV Vaccination Status Among College Students in The U.S.” (Barry & Judy Silverman College of Pharmacy) • Cheryl Purvis – “Understanding Personality Types to Work Effectively and Efficiently As a Multidisciplinary Healthcare Team” (Dr. Kiran C. Patel College of Allopathic Medicine) • Julie L. Agris – “An Interdisciplinary and Interprofessional Approach to Examining Organizational Professionalism in Healthcare Organizations (Shepard Broad College of Law) • Gabriela Lopes – “Multidisciplinary Collaboration to Improve Decision-Making for Feeding Tube Insertion for Patients with ALS (Center for Collaborative Research) <i>(projects continued on next page)</i> • Kristina Fritz – “Religiosity, Knowledge, and Philosophical Group Identification as Predictors of Attitudes toward Abortion in Medical Students After Reversal of Roe V. Wade” (Dr. Kiran C. Patel College of Osteopathic Medicine) • Jared Buckner - “A phenomenological research study of high school girls from an Orthodox Jewish Hasidic dynasty (Abraham S. Fischler College of Education and School of Criminal Justice)
<p>12:35-1:05pm</p>	<p>Lunch Break and "NSU Research Highlights" Slideshow</p>
<p>1:10-2:25pm</p>	<p>Session 3</p> <p><u>Room A – Sports & Diets</u></p> <p>“Room A” Zoom link: https://nova.zoom.us/j/95766769947?pwd=eIR0dmZZMTVYyNHZYZEeNN0tEzKJMUT09</p> <ul style="list-style-type: none"> • Lisa Robison – “Sex differences in the physiological and cognitive-behavioral effects of high fat and ketogenic diets in mice” (College of Psychology) • Narasimman Gurusamy – “The role of long-noncoding RNA Caren in regulating cardiac cell survival in response to ketogenic diet” (Barry & Judy Silverman College of Pharmacy) • Marissa Bonsangue – “Assessment of Brain Function and Putting Performance of Collegiate Golfers” (Dr. Pallavi Patel College of Health Care Sciences) • Jack Stensland – “Bigger Players Run Softer: Body Composition and Running Kinetics of American Football Players” (Dr. Kiran C. Patel College of Osteopathic Medicine) <p><u>Room B – The Human Body & Disease (Part 2)</u></p> <p>“Room B” Zoom link: https://nova.zoom.us/j/93330244366?pwd=MWxCYWWRxUIJsZ1c3cGt3dEU3aFNMQT09</p> <ul style="list-style-type: none"> • Brianna Hartley - “Iron Deficiency is More Common in Incident Peritoneal Dialysis Patients Without Anemia” (Dr. Kiran C. Patel College of Osteopathic Medicine) • Nikhil Bhawe – “The frequency and relationships of frailty markers in older populations with low health literacy” (Halmos College of Arts & Sciences)

	<ul style="list-style-type: none">• Tara Ghafourian – “Development of models of Alzheimer's disease progression using longitudinal patient data” (Barry & Judy Silverman College of Pharmacy)• Jay Sheth – “A Variant Deep Femoral Artery Passing Anterior to Femoral Vein: Implications in Femoral Vein Cannulation” (Dr. Kiran C. Patel College of Osteopathic Medicine)• Sonakshi Vatsa – “Triple Negative Invasive Ductal Carcinoma in a Young Pregnant Patient” (Dr. Kiran C. Patel College of Osteopathic Medicine)• Rahul Ramakrishnan – “A Public Health and Gastroenterological Perspective on the 2022 Mpox (Monkeypox) Outbreak” (Dr. Kiran C. Patel College of Allopathic Medicine)
2:30-3:30pm	Announcement of Special Awards and Collaborative Brainstorming Session “Main room” Zoom link: https://nova.zoom.us/j/96228681539?pwd=ZEFMMXdxS2xKTzdGVHRjcklkUWtkUT09&from=addon