

SUNY Graduate Research Conference 2024

April 26th, 2024,

Session Start Time: Session End Time:

10:00AM-10:05AM: Opening Remarks - Keith Landa, Chair of the University Faculty Senate, Trustee, SUNY Purchase

10:05AM-10:10AM: Conference Welcome & Remarks - Dr. Isabelle Bichindaritz, SUNY Oswego

10:10AM-11:00AM: Keynote Speaker - Dr. Steve Faraone, Upstate Medical University, Distinguished Research Professor

11:10AM - 12:10PM Panel #1: Progress in Equity and Inclusion Through Research

Moderated by: Dr. Tiantian Zheng, SUNY Distinguished Professor, SUNY Cortland

11:10 AM	12:10 PM	Bren	Joyce	The Effects of Self-Disclosure Versus Non Self-Disclosure on the Speaker's Perception of Self-Esteem in Adults Who Stutter
11:10 AM	12:10 PM	Laura	Perry	Living with Disability: Uncovering the Invisible Case for Universal Design
11:10 AM	12:10 PM	Shu	Wan	The Formation of the Deaf Community in China, 1887- 1940
11:10 AM	12:10 PM	Hayley	Weiner	From the Personal to the Professional: International Student Experiences of Seeking Employment

12:10PM - 12:40PM: Lunch Break

12:40PM - 1:40PM: Panel #2: Improving Health Care Through Break-Through Research

Moderated by: Keith Landa, Chair of the University Faculty Senate, Trustee, SUNY Purchase

12:40 PM	1:40 PM	Gerald	Gaitos	Investigating Suicidal Risk through Blood-based Transcriptomes and BrainGENIE Algorithm
12:40 PM	1:40 PM	Rebecca	Higginbottom	Changes in Adolescent Nutrition Knowledge and Self-Efficacy Following Education and Activity Intervention
12:40 PM	1:40 PM	Leanna	Kalinowski	Exploring Age Differences in How Anti-Tobacco Messages Are Remembered
12:40 PM	1:40 PM	Tyler	Rolland	Mesenchymal Stem Cell-Derived Extracellular Vesicles Mitigate Mitochondrial DNA-Induced Activation of Porcine Peripheral Blood Mononuclear Cells

1:50PM - 3:20PM: Poster Session #1 - Addressing Social and Political Changes

1:50 PM	2:00 PM	Riley	Alpuche	Determining the Limit of Detection for a Universal Body Fluid Identification Method
2:00 PM	2:10 PM	Matthew	Christ	Game Theory and Nuclear Strategy: An Abstract Model for Evaluating Risk of Thermonuclear War
2:10 PM	2:20 PM	Penghao	Dong	Enhancing Human-Robot Collaboration through Silent Speech Interfaces
2:20 PM	2:30 PM	Julia	Drummond	Exploring Public Perceptions of Recycling: A Qualitative Study.
2:30 PM	2:40 PM	Stephanie	Longfellow	Age and Impulsivity: Death Anxiety and Other Underlying Factors
2:40 PM	2:50 PM	Jacob	Maloney	Myths and Meanings of Historic Designation: The Glimmerglass Historic District as a Case Study
2:50 PM	3:00 PM	Ernest	Manigo	Honorable Politics
3:00 PM	3:10 PM	Cody	Silverman	Decoding Smokeless Powder and GSR Fluorescence: DPA Identified as Key Component
3:10 PM	3:20 PM	Kayla	Thompson	Understanding Gun Violence and Community Factors: A Data-Driven Approach

1:50PM - 3:20PM: Poster Session #2 - Quality Education for All

1:50 PM	2:00 PM	Pamela	Doran	Machine Translation in Higher Education: Harmonizing Globalization and Localization
2:00 PM	2:10 PM	Sharron	Huang	Preparing Speech Language Pathology Students for Success in School-based Environments: Identifying Necessary Skills and Areas for Improvement
2:10 PM	2:20 PM	Pierce	Johnson	Turn the Beat Around: How Melodic Predictability Informs Aesthetic Preference Formation
2:20 PM	2:30 PM	Amber	Kupris	Addressing Ableism and Enhancing Inclusion Policies in K-12 Education with Neurodiversity-Affirming Approaches: A Review
2:30 PM	2:40 PM	Jessica	Mansfield	Parental Perception of Childhood and Adolescent Obesity in the United States
2:40 PM	2:50 PM	Aria	Pinto	Uncovering the Mental Health of Teachers, and How their Administration is Connected
2:50 PM	3:00 PM	Arianna	Sciacca	How Summer Learning Can Strengthen Social-Emotional Learning

1:50PM - 3:20PM: Poster Session #3 - Caring for the Environment

1:50 PM	1:58 PM	Alex	Allen	Assessing Environmental Health and Stakeholder Concerns: A Study of White Birch Lake in Broome County, NY
1:58 PM	2:06 PM	Nicholas	Farese	Use of Stomach Contents, Fatty acids, and Stable Isotopes to Assess Lake Trout Diet from Otsego Lake

2:06 PM	2:14 PM	Meghan	Holtan	Is Energy Efficiency Always Good?
2:14 PM	2:22 PM	Md Sahadat	Hossain	Identification of Land and Potential Production of Willow Biomass Crops Using a Multi-Criteria Land Suitability Assessment
2:22 PM	2:30 PM	Aysha	Iftikhar	Struvite Recovery for Organic Production from Filtrate of Sewage Sludge Anaerobic Digestate: Mineral-based Magnesium Supplementation and pH Elevation
2:30 PM	2:38 PM	Alexander	Javitz	Comparing Past and Present Data to Construct a Management Plan for Loon Lake, Wayland NY
2:38 PM	2:46 PM	Jing-An	Lin	Temperature-Dependent Nitrate Removal in Woodchip Media: The Role of Groundwater Velocities and Oxygen Penetration
2:46 PM	2:54 PM	Jarrold	Ludwig	A Potential Threat to Lake Whitefish Recovery: Evaluation of Thiamine Deficiency
2:54 PM	3:02 PM	Kari	Minissale	An Investigation of American Eel Within Fish Communities in the Upper Susquehanna Watershed
3:02 PM	3:10 PM	Kate	Riordan	Comparison of Lake Trout Diets Among the Finger Lakes Using Stomach Content, Fatty Acid, and Stable Isotope Analyses
3:10 PM	3:18 PM	John	Skelton	Statistical Predictions of Spawning Population of Lake Sturgeon (<i>Acipenser fulvescens</i>) On Artificial Spawning Beds
1:50PM - 3:20PM: Poster Session #4 - Improving Health and Wellness				
1:50 PM	2:00 PM	Oluwatosin	Adebiyi	Time Series Analysis and Forecasting of Cancer Incidence and Mortality Rates in the United States
2:00 PM	2:10 PM	Lu	Chen	The Role of Striatal Neurovascular Coupling in Auditory Learning
2:10 PM	2:20 PM	Si	Chen	Multimodal 5-DOF Stretchable Electromagnetic Actuators toward Haptic Information Delivery
2:20 PM	2:30 PM	Emily	Hudson	Fibrosis-Independent Myocardial Stiffening in Heart Failure
2:30 PM	2:40 PM	Yizong	Li	Soft Kirigami Robot for Minimally Invasive Biomedical Monitoring
2:40 PM	2:50 PM	Kyle	Pellerin	Muscle Dysmorphia: Emotional Dysregulation and Other Underlying Factors
2:50 PM	3:00 PM	Rasika	Rathnayake	Identifying the Role of ERK Kinase in the Phosphorylation of Huntingtin Protein in Huntington's disease.
3:00 PM	3:10 PM	Inijesu	Taiwo	Maternal and Infant Mortality in the Precolonial, Colonial and Post-Colonial Era in Nigeria
3:10 PM	3:20 PM	Cameron	Zinsmeister	Covid Public Health Recommendation Adherence in Rural Communities
1:50PM - 3:20PM: Poster Session #5 - Improving Mental and Psychological Health and Wellness				
1:50 PM	2:00 PM	Sonakshi	Bansal	Self Harm: Through an Evolutionary Lens
2:00 PM	2:10 PM	Tiffany	Blanco	Caregiver Perception of Functional Use of Nouns in Preschoolers with Autism Spectrum Disorder Compared Between Sexes
2:10 PM	2:20 PM	Megan	Derry	A Qualitative Approach to Explore College Students Perception of Campus Food Environment at SUNY Brockport
2:20 PM	2:30 PM	Erika	Elcsisin	Social Media and Stress among College Students: A Qualitative Study
2:30 PM	2:40 PM	Sharron	Huang	Knowledge and Perceptions of the General Public Regarding the Scope of Practice of Speech-Language Pathologists
2:40 PM	2:50 PM	Joyce	Lin	Examining Health Decision Making Supports for Asian-American Undergraduate Students
2:50 PM	3:00 PM	Olivia	Poulin	Parent Satisfaction with Speech-Language Pathology Services Provided via Teletherapy
3:00 PM	3:10 PM	Nashare	White	Impacts of Financial Stress on College Students' Subjective Well-Being and Academic Performance During the COVID Pandemic
1:50PM - 3:20PM: Poster Session #6 - Fostering Diversity, Equity, Inclusion				
1:50 PM	2:00 PM	Genevia	Aman	Challenges to Accessing Applied Behavior Analysis (ABA) Services - A Narrative Review
2:00 PM	2:10 PM	Nathan	Gillespie	Natural Language Processing of Auditory Perceptual Experiences: A Content-Analytic Approach
2:10 PM	2:20 PM	Brianna	Goode	Assessing the Perspectives of Migrant Workers on Health Disparities and Food Insecurity
2:20 PM	2:30 PM	Kristiann	Lapp-Widrick	Why Hart and Risley's 1995 Word Gap Study Continues to Be Problematic and Perpetuates Racist Curriculum
2:30 PM	2:40 PM	Xunhuan	Li	Assess the Socioeconomic and Environmental Impacts of China's Targeted Poverty Alleviation Strategy Through the Lens of System Coupling
2:40 PM	2:50 PM	Jerome	Nenger	Climate Justice: Protecting the Human Rights of Marginalized and Vulnerable Communities
2:50 PM	3:00 PM	Laura	Pena Bueno	Low Health Literacy in Hispanic/Latino Immigrants in the United States. Is This a Cultural Issue?
3:00 PM	3:10 PM	Laura	Perry	Code Breaking Inclusion for Course Designers
3:10 PM	3:20 PM	Adriana	Saab	Empowering Accessibility and Overcoming Challenges in the Youth Amputee Soccer Program
3:20PM - 3:30PM: Conference Closing				