



Agenda

Friday, November 7th, 2025

9:00 - 9:45 am

Presenter Check-In

Main Hall - 1P

10:00 – 10:10 am

Opening remarks by
Dr. Laxmi Ramasubramanian

Williamson
Theatre

Morning Slideshow Presentations (10:10 - 11 am)

Christine E. Bruno

Effects of biofilm on metal sorption to microplastics and subsequent trophic transfer to suspension feeders.

John Lener

Large language models and their ability to recognize sentence-level negation.

Kelsey Milian

How do Zapotec Musicians from Oaxaca, Mexico, Revitalize Language through Songwriting and Musical Performance?

Hua Deng

Modeling and Simulation of the Shape and Interior Pressure of Enveloped Viruses: Motivated by Orthopoxviruses and Coronaviruses

Tianao Wu

Exceptional Point Interacting with Lindbladian Steady State

Anthony Di Marco

The Silver Lining-William Thomson and New York Silver Production during the Era of Good Feelings

Gezim Dibra

EasyRefer: A Real-Time, QR-Based Referral Platform for Small Businesses



11:00 am - Noon	Graduate Education Panel featuring Drs. Nathalia Holtzman, Brian Gibney, and Ashley Dawson	Williamson Theatre
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Noon - 1:00 pm

Lunch

Main Hall

Afternoon Slideshow Presentations (1:00 - 2:00 pm)

Christopher Becker	Daily life at Sailors' Snug Harbor at the turn of the twentieth century through the lens of the Byron Company
Andrew Irvine	A Tale of Two Firemen: Currier & Ives Prints and Racism in the 19th Century
Courtney Fleming	An Introduction to Non-Hermitian Physics: Open Quantum Systems and Lattice Edge Effects
Matt Walls	Michelson-Shannon Entropy: A Spatial Metric for Image Randomness and Encryption Quality
Giuseppe Settinieri	"Meet Me at the Fountain": The Story of the Siegel-Cooper Department Store, 1896-1918
Kevin Lejava	Picsys
Amina Selimaj	From Ban to Bullet: Writing Under Austerity and Authoritarianism
Antonella Guadagnino	Group Thresholds and State-Dependent Modulation of Cooperative Nesting in Naked Mole-Rats



Poster Presentations (2:00 - 3:00 pm)

Branny De Jesus	The Gut-Brain Axis and Alzheimer's Disease: Exploring the Role of the Gut Microbiome in Neurodegeneration
Jawuneh Sia Danmbisaa	Cyclin D Expression and Regulation During Sea Urchin Development
Marcelina Rokicki	Understanding the Relationship Between Gut-Brain Axis and Cardiovascular Disease
Akinlolu Oluwadare Joseph	Effect of Urbanization on Flooding in Ibeju-Lekki, Lagos State, Nigeria
Alexa Rinaudo	Electron Transport System Activity as a Biomarker of Contaminant Exposure in Grass Shrimp (<i>Palaemonetes pugio</i>) from NY/NJ Harbor Sites
Jacklyn Reiszal	Assessment of Dune Overtopping Vulnerability and Potential Overwash Sediment Characterization along Staten Island Beaches



Poster Presentations (2:00 - 3:00 pm)

Adrian Guerrero,
Snehashis Roy

Investigating Strategies to Eliminate Glioblastoma Brain Tumor by Selectively Inducing Tumor Immunity Without Triggering Systemic Autoimmunity

Michele
Goncalves Maia

Allowing Sufficient Time: Physical Therapist Behaviors That Hinder Children's Object Exploration in Early Intervention

Christopher
Spurrell, Mina
Ghattas, Glory
Udechi

Factors that Influence Academic Success in Physical Therapy Doctoral Programs: A Retrospective Study

Eric Lam,
Rebecca
Macdonald,
Ka-Wah Ng,
Gordon Lam

A Six Week Performance Based Concentric Only Resistance Training Protocol Increases Strength in Older Adults

Marlon Morales,
Michael
Brancato, Kayla
Dunn

Multisite transspinal stimulation facilitates neuronal excitability in healthy humans: A randomized cross-over study



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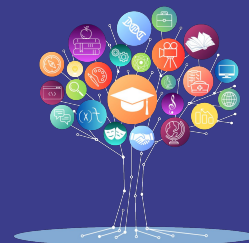
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