

COLLEGE OF STATEN ISLAND

2024 UNDERGRADUATE CONFERENCE

RESEARCH, SCHOLARSHIP, AND THE ARTS



THURSDAY, MAY 2, 2024

www.csi.cuny.edu/ugconference



College of Staten Island
The City University of New York



Sponsored by
the Division of
Academic Affairs with
special thanks to all of
our community and campus
partners who supported this
conference: Northfield Bank, and the
CSI Alumni Association.



Message from the President



Undergraduate research is one of the hallmarks of a top-tier institution, and the College of Staten Island can truly claim a legacy of this activity. Our faculty work with and involve students in an impressive array of high-impact practices, providing meaningful exposure to research in the sciences, humanities, business, education, and performing and creative arts, as well as the social and health sciences. What you see before you is the culmination of hundreds of hours of activity in laboratories, archives, and elsewhere. The dedication of our faculty in supporting these efforts is matched only by the enthusiasm and talented contributions of their student counterparts.

The activities you see on display at this event are proof that hands-on, experiential learning is key to a college curriculum. Through undergraduate research, our students are able to apply the theories, concepts, and constructs they learned about in lecture to the real world. The linkage of theoretical and applied knowledge is a crucial component of undergraduate education, and represents the very best of both teaching and learning.

The annual Undergraduate Research Conference is, along with Commencement, one of the proudest days for the College of Staten Island. It allows us to celebrate the accomplishments of so many students in so many disparate areas; I am pleased to share with you all the hard work of our students and their faculty mentors. Enjoy the event!

Sincerely,

A handwritten signature in black ink that reads "Timothy G. Lynch". The signature is written in a cursive, flowing style with a large initial 'T' and 'L'.

Timothy G. Lynch, Ph.D. (*he/him/his*)
President

CSI Undergraduate Conference on Research, Scholarship, and the Arts Thursday, May 2, 2024

- Noon–4:00pm** **Exhibitions - The Art Gallery of the College of Staten Island**
 1P-112
The Waking Dreams of Phantasmata Traumata
 This exhibition presents supernatural collaborations, invitations for paranormal visitation, psychic predictions, and uncanny mediations. Join us for an exhibition of paintings, objects, moving images, and otherworldly guests.
This exhibition is curated by Prof. Siona Wilson (with Prof. Cynthia Chris)
- Noon-1:00pm** **Lunch available to participating students and mentors**
 1P-116 (pick up)
- 1:00pm–2:00pm** **Plenary Session**
 Williamson Theatre, 1P-111
Musical Introduction
 Angel Muñoz-Avila (Class of '25), Harpist
Welcome and Introductions
 Laxmi Ramasubramanian - Associate Provost
Opening Remarks
 Michael E. Steiper - Interim Provost/Senior Vice President for Academic Affairs
Keynote Address
 Charles Liu - Professor of Astrophysics
Can You Hear The Music? Barbenheimer, The Multiverse, And You
Remarks from Sponsors
Closing Vocal Performance
 Diana Claps (Class of '24), Mezzo-Soprano, with Prof. Sylvia Kahan on piano
- 2:00pm–4:00pm** **Poster Presentations**
 1P Atrium
- 2:30pm-3:00pm** **Theater - Performing and Creative Arts - Drama Program**
 Williamson Theatre, 1P-111
 A scene from “Workshopping Mary Zimmerman’s Play *Metamorphosis: A Student Collaboration with Professor Maurya Wickstrom*”
- 2:30pm-4:00pm** **Exhibitions - The Student Art Gallery**
 1P-118B
 A juried group exhibition of student art curated by PCA student curators Axel Delgado, Janinne Aguayza-Calle, Victoria Paradiso, and Emily Wu (Faculty Adviser: Prof. Beth Livensperger)
- 3:00pm-4:00pm** **Music Hour - Performing and Creative Arts - Music Program**
 Williamson Theatre, 1P-111
 Musical performances featuring Composition Students, Senior Recital Performers, and Ensembles from the Performing and Creative Art Department’s Music Program. Featuring private students of Professors Sylvia Kahan, Johnna Nan Wu, and Elena Heimur, as well as ensembles directed by Professors Ed Brown (CSI Guitar Ensemble), Vincent Guarna (The CSI Jazz Combo), and Darrell Smith (The CSI Jazz Ensemble).
- 4:00pm-4:20pm** **Film Screenings and Posters - Media Culture**
 Williamson Theatre, 1P-111
 Films, videos, and posters (representing advanced design and digital media) presented by students from the Department of Media Culture.
- 4:20pm-4:40pm** **Poetry Reading - English Department**
 Williamson Theatre, 1P-111
 Students present their original works of poetry.

THE DEPARTMENT OF
PERFORMING AND CREATIVE ARTS
AND THE DEPARTMENT OF MEDIA CULTURE

PRESENT

AN ART AND MUSIC EXPOSITION

AT THE

**23rd Annual
CSI Undergraduate Conference
on Research, Scholarship,
and the Arts**

Plenary

Williamson Theatre, 1P-111

1:00pm-2:00pm

PCA Music Program

Musical Introduction

“Seguidilla” from *Suite of Eight Dances* Carlos Salzedo

“Tango” from *Suite of Eight Dances* Carlos Salzedo

Angel Muñoz-Avila, *harp*

Mentored by Prof. Chelsea Lane

Closing Performance

“Una Voce Poco Fa” from *The Marriage of Figaro* Gioachino Rossini

Diana Claps, *mezzo-soprano*

Prof. Sylvia Kahan, *piano*

Mentored by Prof. Elena Heimur

Theater

Williamson Theatre, 1P-111

2:30pm

PCA Drama Program

A Scene from “Workshopping Mary Zimmerman’s Play *Metamorphosis*:
A Student Collaboration with Professor Maurya Wickstrom”

CAST

Vincent DeLuca

Tommy DeVito

Tareq Farag

Emma Ferguson

Derrick Kinsey

Giovanna Rotondo

Regan Sou

Maria Lee Vazquez

Music Hour

Williamson Theatre, 1P-111

3:00pm-4:00pm

PCA Music Program

Etude in F minor, Op. 10, no. 9 Frédéric Chopin

Xiaoying Amber Liang, piano
Mentored by Prof. Sylvia Kahan

Vocalise Serge Rachmaninoff

Jerrol Bowman, violin
Xiaoying Amber Liang, piano
Mentored by Prof. Sylvia Kahan and Prof. Johnna Nan Wu

“Ch’io mi scordi di te,” K. 505 Wolfgang A. Mozart

Diana Claps, mezzo-soprano
Prof. Sylvia Kahan, piano
Mentored by Prof. Elena Heimur

CSI Guitar Ensemble, directed by Prof. Ed Brown

Matthew Asmat
Jenny Brown
Ryan Chisefsky
Joshua Crespo
Anthony Delcore
Mano Merca

Maksim Nam
Angelina Resoso
Javier Luis Santos
Sasha Samsonovich
Niamh Alarcon
Andrew Yip

Flamenco Fantastico David Burndrett

Adelita Francisco Tárrega

Mano Merca, guitar

Django’s Stomp David Bruce

Góndola veneciana, Op. 19, No. 6 Felix Mendelssohn, trans. Francisco Tárrega

Anthony Delcore, guitar

Ghostbusters Ray Parker Jr., arr. Derek Hasted

The Ensemble

The CSI Jazz Combo, *directed by Prof. Vincent Guarna*

Anthony Delcore, *Guitar*

Andres Romero, *Drums*

Steven Tyler Tindall, *Electric Bass*

Recordame Joe Henderson

What Is This Thing Called Love? Cole Porter

The CSI Jazz Ensemble, *directed by Prof. Darrell Smith*

Daniel Joseph Bayer, Kristen Sparacio and Robin Whalen, *Trumpet*

Kevin Mcgetrick, *Trombone*

Madisen Cutler, *Flute/Clarinet*

Brianna Dellaccio, *Clarinet*

Theresa M. Pagani, *Alto Sax*

Nicholas Michelizzi, *Tenor Sax*

Sasha Samsonovich, *Tenor Sax*

Erik Davis, *Tenor Sax*

Lawrence Levin, *Piano*

Anthony Declore, *Guitar*

Steven Tyler Tindall, *Bass*

Andres Romero, *Drums*

Genevieve E. Steinmetz, *Vocalist*

In a mellow tone Duke Ellington

Ellington's sound of Love Charles Mingus

Bachafillen Garnett Brown

Film Screenings and Posters

Williamson Theatre, 1P-111

4:00pm

Department of Media Culture

Moving image work

Girl with a Movie Camera

by Karena Pang

Cinema Production Major

film, approx. 5min

Boxing Legends

by Keith Clemons

COM Design & Digital Media Major

animation, 2min, 30sec

Will (and a Musical Showcase of Anxious Chaos)

by Robert Lenza (with live soundtrack by Joe Miele)

Cinema Production Major

film with live performance, approx. 10min

Posters to be exhibited inside the Williamson Theatre representing

Advanced Design & Digital Media creative work:

Embrace Humanity, Reject Artificiality *by Jeremiah Alonso*

Café Juliet *by Samantha Carreon*

Pillars of Progress *by Jaden Etienne*

Amara: Branding a Musical Artist *by Deanna Garcia*

What does fashion mean to you? *by Isabella Giuliani*

Italian Posters *by Timothy Lauser*

Teapot Tales *by Kate Leung*

Why Neuralink *by Dominic Moore*

Elena and Her Pet Rabbit *by Pricila Ortega Ramos*

Can You Hear Me? *by Kafui Vowotor*

A Day In The Life...(a short graphic novel) *by Yessenia Zosayas*

Poetry

Williamson Theatre, 1P-111

4:20pm

English Department

Poetry Reading

Original Poetry by

Kelliann D'Ambrosio

Jordana Cristino

Louis Perrotti

Amina Selimaj

Kai White

Exhibitions

1P-112

Noon–4:00pm

The Art Gallery of the College of Staten Island

The Waking Dreams of Phantasmata Traumata

Does an artwork dream? Let's imagine that the material, the medium of a created thing can also be a medium of another kind. A mystic, a clairvoyant, a soothsayer that augurs better futures, purges injuries of the soul, and connects us with the unhappy ghosts of our cruel world. The artwork as medium might be a channel to awaken other pasts (and the pasts of others), transform the present, and reshape what is to come. *The Waking Dreams of Phantasmata Traumata* explores the psychic lives of artworks when the artist is forgotten. The exhibition presents supernatural collaborations, invitations for paranormal visitation, psychic predictions, and uncanny mediations. Join us at the Art Gallery of The College of Staten Island for an exhibition of paintings, objects, moving images, and otherworldly guests.

This exhibition is curated by Prof. Siona Wilson (with Prof. Cynthia Chris)

1P-118B

2:30pm–4:00pm

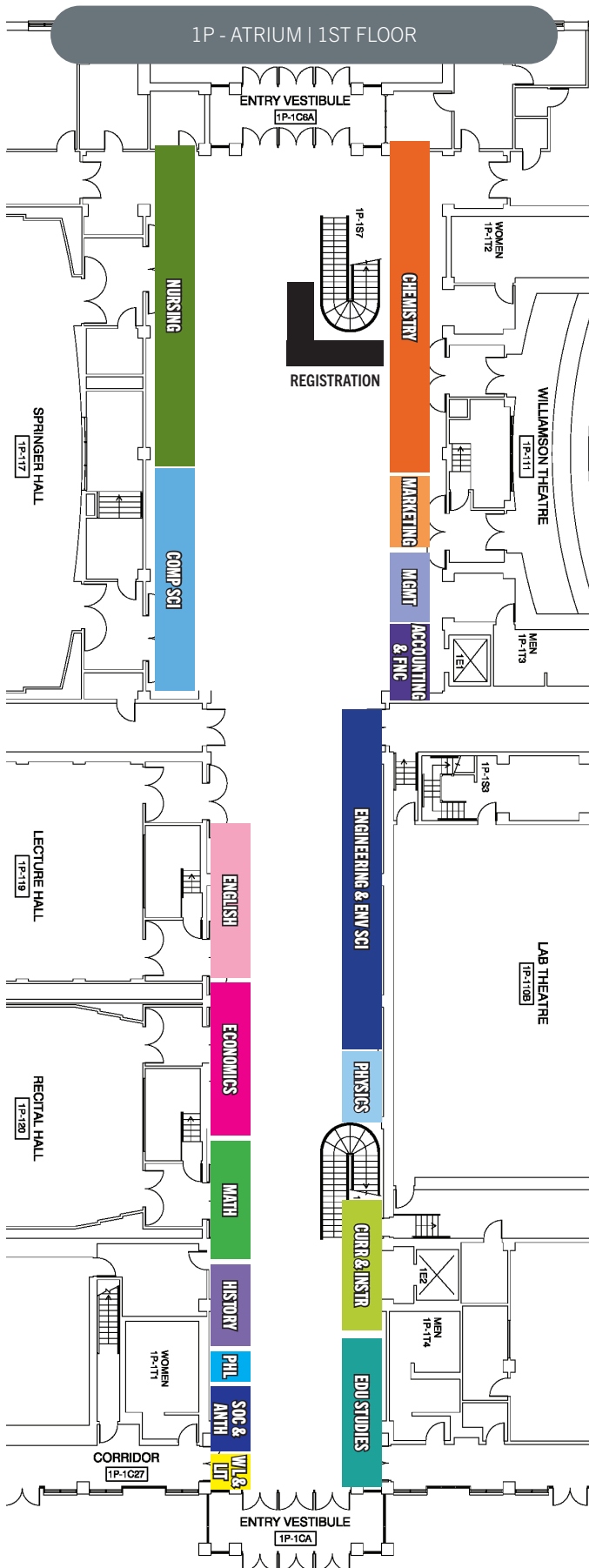
The Student Art Gallery of the College of Staten Island

Undergraduate Research Conference Art Exhibition

A juried group exhibition of student art curated by PCA student curators

Axel Delgado, Janinne Aguayza-Calle, Victoria Paradiso,
and Emily Wu (Faculty Adviser: Prof. Beth Livensperger)

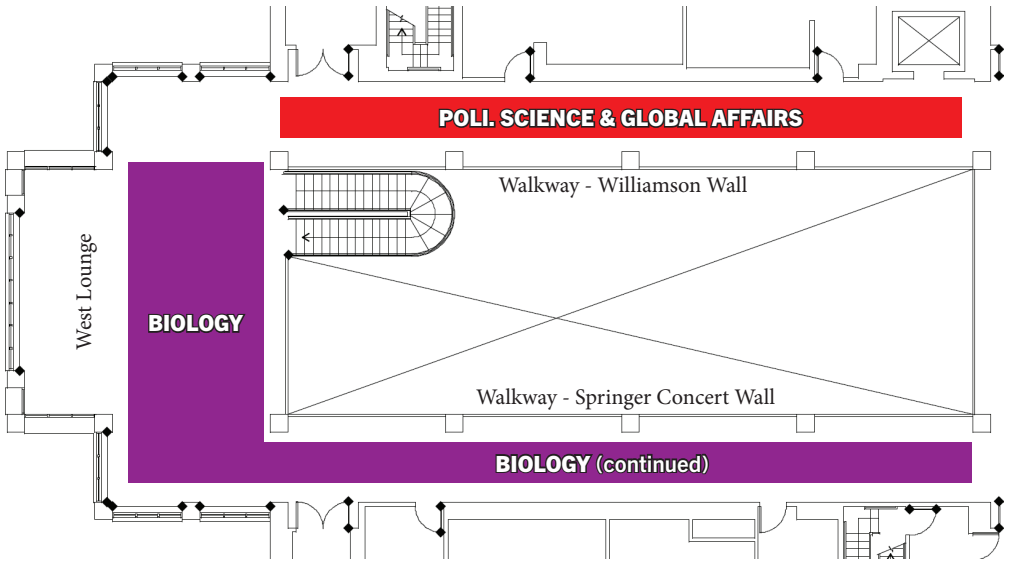
Poster Floor Plan



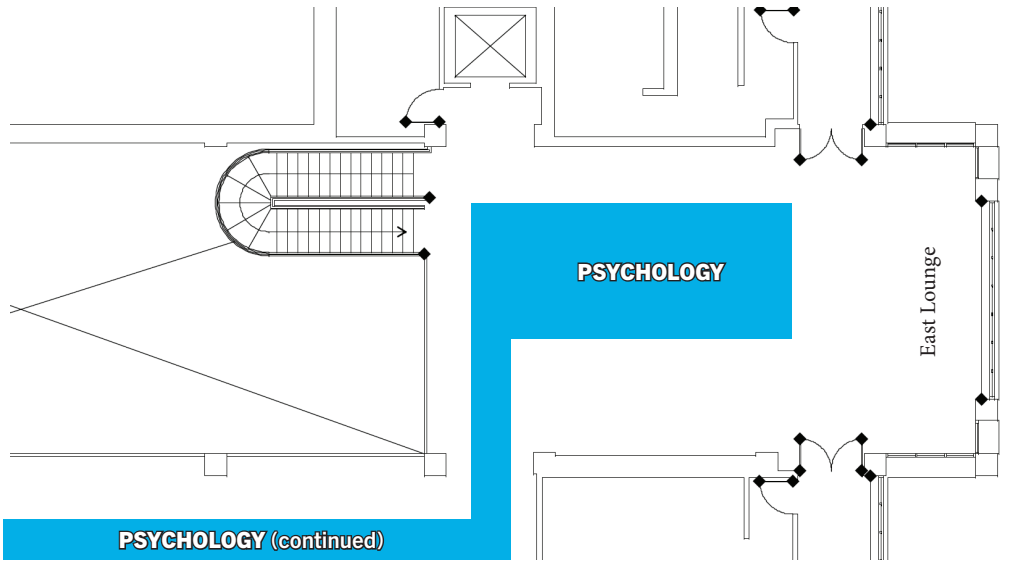
■ ACCOUNTING & FINANCE 1st Floor - Front Entrance North Wall (Williamson Theater)
■ BIOLOGY 2nd Floor – West Lounge and Walkway
■ CHEMISTRY 1st Floor - Front Entrance North Wall (Williamson Theater)
■ COMPUTER SCIENCE 1st Floor - Front Entrance South Wall (Springer Hall)
■ CURRICULUM & INSTRUCTION 1st Floor - Back Entrance - North Wall
■ ECONOMICS 1st Floor - Center - South Wall (Lecture/Recital Halls)
■ EDUCATIONAL STUDIES 1st Floor - Back Entrance - North Wall
■ ENGINEERING & ENV. SCIENCE 1st Floor - Center - North Wall (Lab Theater)
■ ENGLISH 1st Floor - Center South Wall (Lecture/Recital Halls)
■ HISTORY 1st Floor - Back Entrance - South Wall
■ MANAGEMENT 1st Floor - Front Entrance North Wall (Williamson Theater)
■ MARKETING 1st Floor - Front Entrance North Wall (Williamson Theater)
■ MATHEMATICS 1st Floor - Center - South Wall (Lecture/Recital Halls)
■ NURSING 1st Floor - Front Entrance South Wall (Springer Hall)
■ PHILOSOPHY 1st Floor - Back Entrance - South Wall
■ PHYSICS 1st Floor - Center - North Wall (Lab Theater)
■ POLI. SCI. & GLOBAL AFFAIRS 2nd Floor – Walkway (Williamson Hall)
■ PSYCHOLOGY 2nd Floor – East Lounge
■ SOCIOLOGY & ANTHROPOLOGY 1st Floor - Back Entrance - South Wall
■ WORLD LANGUAGES & LIT. 1st Floor - Back Entrance - South Wall

Poster Floor Plan

1P - 2ND FLOOR - WEST LOUNGE



1P - 2ND FLOOR - EAST LOUNGE





POSTER PRESENTATIONS

Center for the Arts
2:00pm-4:00pm

ACCOUNTING AND FINANCE

ACC/FNC-01

The Effects of Sustainability Performance Metrics on the Financial Performance of Pharmaceutical Companies in New York Stock Exchange

Leah A Vega

Faculty Mentor: Professor Banu Aslanertik

ACC/FNC-02

Impact of Technology on Financial Fraud Investigations

Yamely Garcia

Faculty Mentor: Professor Patricia Galletta

BIOLOGY

BIO-01

The Effect of Tau on Neuroblastoma Cell Cycle and Growth

Sandi Kelada

Faculty Mentor: Professor Alejandra Alonso

BIO-02

The Six Isoforms of Tau: Insights on Their Differences and Levels of Toxicity in the Brain

Jessica N Ifeanyi

Faculty Mentor: Professor Alejandra Alonso

BIO-03

Taurine Regulation of Blood Pressure and Vascular Resistance: A Literature Review

Irene Kalogiannis

Faculty Mentor: Professor Abdeslem El Idrissi

BIO-04

The Effect of JZL-184 on Repetitive Behavior in the BTBR Mouse Model of Autism Spectrum Disorder

Milena E Olkhovetsky

Faculty Mentor: Professor Michelle Esposito

BIO-05

The Impact of Human Activities on Zoonotic Infection Transmissions

Sara Turku, Leora Lehrfield

Faculty Mentor: Professor Michelle Esposito

BIO-06

Exploring the Vast Emotions of Cows: The Importance of Awareness for Ethical Treatment in the Food Industry

Arianna Brillante

Faculty Mentor: Professor Ann N Etsey

BIO-07

Development of a Cost-Effective Mechanical Scanning Platform for Prosthetic Surface Mapping and 3D Additive Manufacturing

Edward Leibowitz

Faculty Mentor: Professor Jimmie Fata

BIO-08

The Development of a Python Computer Code Capable of Finding Novel Anti-Cancer Compounds against Triple Negative Breast Cancer

Xinyi Weng

Faculty Mentor: Professor Jimmie Fata

BIO-09

Reviewing the Role of Carbon Dioxide for Seizure Intervention in Humans and African Naked Mole-Rats

Rebecca A Andes

Faculty Mentor: Professor Antonella Guadagnino

BIO-10

Sorting Patterns of Human Leukocyte Antigen Expression in Glioblastoma Multiforme (GBM)

Naomi A Akan, Raeshawn E Gibson

Faculty Mentor: Professor Nancy Liu-Sullivan

BIO-11

Tumor Grade Associated Collagen Signatures and Overall Patient Survival in Gliomas: A Developing Story

Caitlin R Carela, Ambar Alvarenga, Melina Turco

Faculty Mentor: Professor Nancy Liu-Sullivan

BIO-12

An Observational Study of Water Contaminants and High Cancer Incidence on Staten Island

Rachel Tbeile, Lily Chen, Yuliya Kim, Eve Deans, Fiona Shehu, Marie Darlande Toussaint, Husein Bechara

Faculty Mentor: Professor Nancy Liu-Sullivan

BIO-13

Exploratory Behavior: Study of Young and Experienced Lesser Black-backed Gulls

Brian Kerliu

Faculty Mentor: Professor Lisa Manne

BIO-14

The Influence of Bird's Traits on Geographic Range Size

Morgan Novello

Faculty Mentor: Professor Lisa Manne

BIO-15

Impact of Habitat Quality on Dispersal Distance of Gray Catbirds

Joey Yu

Faculty Mentor: Professor Lisa Manne

BIO-16

The Detectives in Labcoats: Medical Laboratory Scientists

Ayah Atmani

Faculty Mentor: Professor Adrienne Paez

BIO-17

An Analysis of the Interplay between Obesity, Gut Microbiota, and the Gut-Brain-Axis

Saira Ahmad

Faculty Mentor: Professor Faiza Peetz

BIO-18

Understanding the Relationship between Gut-Brain Axis and Depression; Contemplation of New Treatment for Depression

Branny De Jesus Santana

Faculty Mentor: Professor Faiza Peetz

BIO-19**Microbiome and Anxiety**

Sandra Ghobrial

Faculty Mentor: Professor Faiza Peetz

BIO-20**Microbiome-Gut-Brain Axis, Immune Dynamics, and Neurological Well-Being**

Anxhela Josifi

Faculty Mentor: Professor Faiza Peetz

BIO-21**Global Research Trends in Microbiome-Gut-Brain Axis during 2019-2024: A Bibliometric and Visualized Study**

Anxhela Josifi

Faculty Mentor: Professor Faiza Peetz

BIO-22**Research on Gut Bacteria in Relationship to ADHD**

Mohammad Anas Kasem

Faculty Mentor: Professor Faiza Peetz

BIO-23**Deciphering the Gut-Brain Connection: The Role of Gut Dysbiosis in Inducing Tau Hyperphosphorylation and Alzheimer's Disease Pathogenesis**

George N Khoury

Faculty Mentor: Professor Faiza Peetz

BIO-24**Literature Review Exploring the Gut-Brain-Axis: Gut Microbiome Link with the Brain & Potential Neurological Disorders from Gut Dysbiosis**

George N Khoury

Faculty Mentor: Professor Faiza Peetz

BIO-25**Microbiome-Gut-Brain-Axis and Autism**

Salwa Munir

Faculty Mentor: Professor Faiza Peetz

BIO-26**Microbiome-Gut-Brain-Axis and Autism, Mechanisms of Action**

Salwa Munir

Faculty Mentor: Professor Faiza Peetz

BIO-27**The Intricate Interplay: Exploring the Dynamic Relationship between the Gut-Brain Axis and Microbiota in Human Physiology**

Julia Palka

Faculty Mentor: Professor Faiza Peetz

BIO-28**Microbiome Gut Brain Axis and Diabetes**

Amina Ziani

Faculty Mentor: Professor Faiza Peetz

BIO-29

The Implication of INO80 Acetylation in Transcriptional Activation

Mary C Butler, Anusha Haris

Faculty Mentor: Professor Chang-Hui Shen

BIO-30

2,4-Dinitrotoluene Responsive Gene Expression Pattern in Pseudomonas Putida

Albert Mackiewicz

Faculty Mentor: Professor Chang-Hui Shen

BIO-31

The Impact of the COVID-19 Pandemic on College Students' Lives: Exploring the Shift to Online Learning and Its Influence on Study Habits in Conjunction with Technological Advancements in Education

Raghad Alhanoun

Faculty Mentor: Professor Grozdena Yilmaz

BIO-32

African American Female Maternal Mortality in the United States

Tiana Garcia

Faculty Mentor: Professor Grozdena Yilmaz

BIO-33

Effect of Angiotensin Receptor Blockers on the Progression of Diabetic Nephropathy

Andrew W Ngai

Faculty Mentor: Professor Muhammad Zia

BIO-34

Literature Review on Benefits of SGLT2 Inhibitors in Decreasing Cardiovascular Morbidity and Mortality in Individuals with Diabetes Mellitus

Marcelina Rokicki, Joey Yu, Inna Alieva,

Alla Gubskiy

Faculty Mentor: Professor Muhammad Zia

BIO-35

Comparative Literature Review of Parkinson's Disease Intervention

Gadzhi Shakhnavazov, Luciano Spagnuolo

Faculty Mentor: Professor Muhammad Zia

CHEMISTRY

CHM-01

Determining the Background Rate of Congenital Viral Infections in Healthy Males in a Community-based Hospital Population

Daniel Wronski

Faculty Mentor: Professor Leah Cohen

CHM-02

S100A12 and CD36: Investigating their Binding Affinity and the Implications for the Treatment of Inflammatory Diseases

Ahava Collado

Faculty Mentor: Professor Rupal Gupta

CHM-03**Optimizing Photodynamic Therapy for Wound Treatment: Influence of E. coli Concentration and Photosensitizer Presentation**

Aya Ashour

Faculty Mentor: Professor Alan Lyons

CHM-04**Exploring the Efficacy of Hydrophobic Glass in Solar Panel Maintenance: The Effect of Time and Temperature on Water Droplet Formation During Condensation**

Anthony P Attenborough

Faculty Mentor: Professor Alan Lyons

CHM-05**Lotus Stems as Scaffolds for 3D Cell Culture and Bioengineering**

Bora Kupa, Theresa Pagani, Judie Hamdan, Kishan Kallurya, Viktoriya Morozova, Nicole Lamassa, Michael Bucaro

Faculty Mentor: Professor Krishnaswami Raja

CHM-06**Characterization of Solution Blow-Spun PLGA/Turmeric Nanocomposites**

Victoria Cannava, Theresa Pagani, Kraya Macwan, Kehinde Aiyegboyin, Kishan Kallurya, Shannon Killen, Zaghoul Ahmed

Faculty Mentor: Professor Krishnaswami Raja

CHM-07**History of Baking**

Julia Kalinowski, Sabrina Musovic, Tasneem Ahsan, Emily Ricciutti, Tasnim Hanaif, Adrianna Catanzaro

Faculty Mentor: Professor Krishnaswami Raja

CHM-08**Propagation of Lotus Plants and Preparation and Characterization of Lotus Stem Biocomposites**

Kraya Macwan, Bora Kupa, Joel Christian, Larisa Borruso, Kishan Kalluraya, Michael Bucaro

Faculty Mentor: Professor Krishnaswami Raja

CHM-09**Advanced Nanoengineering for Glucose Sensing and Drug Delivery Systems**

Sakina Saeed

Faculty Mentor: Professor Shuiqin Zhou

CHM-10**The Influence of Carbon Dots Concentration on the Hydrodynamic Size and Zeta Potential of Chitosan-Carbon Dots Hybrid Nanogels**

Salma Balogun

Faculty Mentor: Professor Shuiqin Zhou

CHM-11**VPBA -NIPAM Microgels for Optical Glucose Sensors**

Bhakti Dongerkery

Faculty Mentor: Professor Shuiqin Zhou

CHM-12

Optimization of Chitosan Nanogel: Effect of Chitosan Concentration and Crosslinker Percentage on Hydrodynamic Size of Chitosan Nanogels

Estella Kosse

Faculty Mentor: Professor Shiquin Zhou

COMPUTER SCIENCE

CSC-01

Quaternion-based Remote Photoplethysmography for Continuous Heart Rate Monitoring

Nicholas Basile, Maxim Kleyer

Faculty Mentor: Professor Sos Agaian

CSC-02

Beneath the Binary: A Journey into Covert Communication

David Liao

Faculty Mentor: Professor Sos Agaian

CSC-03

Pokemon World Champion Edition

Michael A Aurilia

Faculty Mentor: Professor Tatiana Anderson

CSC-04

Cybersecurity Threats to Healthcare Organizations: A Case Analysis of Northwell Hospital

Mirjana Mehmeti

Faculty Mentor: Professor Soon Ae Chun

CSC-05

The Health of AI in the Medical Field

Robert Wetz

Faculty Mentor: Professor Susan Imberman

CSC-06

How Well Can AI Diagnose Using Chest X-Ray Data?

Conor Farrell

Faculty Mentor: Professor Sarah Zelikovitz

CSC-07

From Shopping Cart to Trash Can: A Data-focused Study of How American Families Waste Food

Andi Kolari, Savion E Watson, Gabrielle A Erves

Faculty Mentor: Professor Sarah Zelikovitz

CSC-08

Streamlining Data Analysis of FloodNet Sensors

Marco Korcak, Madison DeGrezia, Justin Zaluk

Faculty Mentor: Professor Zhanyang Zhang

CURRICULUM & INSTRUCTION

C&I-01

Combining Play-based Mathematical Learning and Computational Skills with the Use of an Online Coding Program, Scratch

Rolla Khass, Bayan Khalil

Faculty Mentor: Professor Judit Kerekes

C&I-02

Curriculum Analysis of Interpreting Linear Functions

Reyam Ghannoum

Faculty Mentor: Professor Wenjuan Li

C&I-03

Computational Storytelling for STEAM Education in the Early Childhood

Rolla Khass

Faculty Mentor: Professor Ting Yuan

ECONOMICS

ECO-01

Economic and Financial Dynamics in Luxury Fashion

Qadar Naeem

Faculty Mentor: Professor Paul Orzechowski

ECO-02

Income Convergence Hypothesis

Seifeldin Awad, Almir Gashi, Ismaila Keita

Faculty Mentor: Professor George Vachadze

ECO-03

Economic Growth and Environmental Degradation

Hailey Germoso, Qadar Naeem, Stephen Teiglee

Faculty Mentor: Professor George Vachadze

ECO-04

Harvesting Growth: A Global Comparative Analysis of GDP Growth and Arable Land Availability

Thomas A Lovascio

Faculty Mentor: Professor George Vachadze

ECO-05

Unraveling the Impact of Income Inequality on GDP Growth Rate and GDP Growth Rate Volatility

Thomas Mishakin, Chazz Chambliss, John Agro

Faculty Mentor: Professor George Vachadze

ECO-06

Natural Resources Impact and Correlation to Economic Growth

Shontel D Nedderman

Faculty Mentor: Professor George Vachadze

ECO-07

The Influence of Political Stability and the Rule of Law on the Tourism Industry

Evelyn J Tamay Flores

Faculty Mentor: Professor George Vachadze

ECO-08

Effect of the COVID-19 Pandemic on Time Spent on Educational Activities

Michael Levitas

Faculty Mentor: Professor Alexandru Voicu

EDUCATIONAL STUDIES

EDD-01

Should Vocational Training Be Included in High School Education?

Lauren Cardieri

Faculty Mentor: Professor Deirdre Armitage

EDD-02

In What Ways, If Any, Can Art Integration Enhance Student Engagement in the General Education Elementary Classroom?

Jaclyn Regina

Faculty Mentor: Professor Marta Cabral

EDD-03

The Important Role of the Rekenrek in Child Development and Number Sense

Jessica Abrajan, Nadeen Ahmad,

Francesca Papalia

Faculty Mentor: Professor Judit Kerekes

EDD-04

Number Sense Adventures

Abeer Ramadan, Erin Westgate,

Ava Degratto, Lauren Farley

Faculty Mentor: Professor Judit Kerekes

EDD-05

Incorporating an ASL Curriculum for Students in Grades 1-6

Gianna Occhiuto

Faculty Mentor: Professor Russell Rosen

**ENGINEERING &
ENVIRONMENTAL SCIENCE**

EES-01

Experimental Characterization of Plastic Optical Fibers for Under- and Over-Filled Injections

Frank Feng, Ali Abdelmoneim

Faculty Mentor: Professor Neo Antoniades

EES-02

A Novel Optical Test Bed for Measuring the Light Transmission Properties of Plastic Optical Fiber under Bending

Eric Huang

Faculty Mentor: Professor Neo Antoniades

EES-03

Transforming Daily Tasks for Visually Impaired Seniors: Leveraging an Open AI Model-Enhanced Multimodal Dialogue System with Speech Recognition in POF Smart Homes

Jason Zheng, Jackson Haft, Paloma Almonte

Faculty Mentors: Professor Neo Antoniades & Professor Yi Wang (Manhattan College)

EES-04

A Sensitivity Study of the Contribution of Cross Sections in the Calculation of Bone Sample Modulus of Elasticities During Micro Tensile Testing

Lawrence Goldfeld

Faculty Mentor: Professor Jean-Philippe Berteau

EES-05**Extending the Battery Life in the Utility-Scale Solar Power Field**

Guohong Zhao, Thanh Truong

Faculty Mentor: Professor Xin Jiang

EES-06**Crochet Stitch Counter**

Danielle Aurilia, Fady Soliman

Faculty Mentor: Professor Alfred Levine

EES-07**Plant Watering System**

Ezekiel O Okedoyin, Joseph Williams

Faculty Mentor: Professor Alfred Levine

EES-08**Audio Signal Generator to Alter Plant Behavior**

Bryan Rudshteyn, Joseph Grillo, Stephen Dorazio

Faculty Mentor: Professor Alfred Levine

EES-09**Emergency Communication App**

Warren Shum, Ali Abdelmoneim

Faculty Mentor: Professor Alfred Levine

EES-10**Improving Drinking Water Contamination Detection**

Thomas J Strmel, Emmanuel Ijasuyi, Marroquin Marcia

Faculty Mentor: Professor Alfred Levine

EES-11**Temperature Sensor DC Fan with LED as Its Indicator**

Abou Bah

Faculty Mentor: Professor Dimitrios Pavlidis

EES-12**Facilitating Working on Wind Turbines Using the Nacelle Wind Turbine as a Learning System**

Fady U Frieg

Faculty Mentor: Professor Syed Rizvi

EES-13**A Geospatial Analysis of Sea Level Rise and Flooding of Queens, New York**

Alondra Camacho

Faculty Mentor: Professor Sean Thatcher

ENGLISH

ENG-01**Emphasis in Speech: The Individual's Perspective**

Thikra Mohammad, Jade Smith, Ashley Mesa, Kayla Goldstein

Faculty Mentor: Professor Jason Bishop

ENG-02**Treatment Efficacy for Childhood Apraxia of Speech: A Review Of Literature**

Raijan Peters

Faculty Mentor: Professor Lorenza Colonna

ENG-03

Voices Calling from the Wilderness: The Poetry of James Wright and Mary Oliver

Savannah A Cseko

Faculty Mentor: Professor Timothy Gray

ENG-04

Reimagining CSI's Writing Center: Strategies for Removing Stigma and Maximizing Impact

Nicolette Randazzo

Faculty Mentor: Professor Melanie McNulty

ENG-05

Writing Centers as Sites of Resistance: Promoting Authenticity in Student Writing Processes

Amina Selimaj

Faculty Mentor: Professor Melanie McNulty

ENG-06

Under Lock and Key: Analyzing the Detrimental Consequences of Banning Books for Students

Maya Abdul-Rassoul

Faculty Mentor: Professor Lee Papa

HISTORY

HST-01

Music in the 1900s: The Comparative Impacts of Duke Ellington and Robert Johnson

Elliot Radov, Daniella Marcus, Teresa Ugolotti

Faculty Mentor: Professor Jane Marcus-Delgado

HST-02

Indigenous Allies and Smallpox: The True Downfall of Tenochtitlan

Luan Draga

Faculty Mentor: Professor John Wing

HST-03

Indigenous Autonomy in Colonial Mexico: Survival and Acculturation Strategies of Native Peoples in the 16th Century

Michael Plishchin

Faculty Mentor: Professor John Wing

MANAGEMENT

MGT-01

Comparative Analysis of Social Media Approaches: A Case Study of Le Alfré, The Vibe, and SAM Sensory & More

Francesco M Paone

Faculty Mentor: Professor Heidi Bertels

MGT-02

Event Management and Student Engagement in Higher Education

Emily R Jimenez

Faculty Mentor: Professor Lauren Mullins

MARKETING

MKT-01

Social Media's Influence on the Fitness Industry

Gabriella Pipitone

Faculty Mentor: Professor Dan Zhang

MKT-02

Uber vs. Lyft: Who is Winning the Battle in the Ride-Sharing Industry?

Thania Sibri

Faculty Mentor: Professor Dan Zhang

MATHEMATICS

MTH-01

Play-Based Learning that Connects Mathematical Ideas to Real-World Situations

Rolla Khass, Sahani Perera, Rebecca Moller

Faculty Mentor: Professor Judit Kerekes

MTH-02

Addressing Math Anxiety in Middle and High School Classrooms: A Systematic Review

Matthew Keeler

Faculty Mentor: Professor Wenjuan Li

MTH-03

Linear Algebraic Ornithology: On the Dynamic Mode Decomposition

Megan R Trapanese

Faculty Mentor: Professor Andrew C Poje

MTH-04

Analysis of All the End Game Possibilities in Catch-up When There Are 3 or 4 Pieces Remaining

Kenny Chau Gin Feng

Faculty Mentor: Professor Joseph Quinn

MTH-05

Investigation of Symmetric Point Clouds in Topological Data Analysis

Daniel O Hope

Faculty Mentor: Prof. Mikael Vejdemo-Johansson

NURSING

NRS-01

The Impact of COVID-19 on the Mental Health of Nurses Pre-, During, and Post-Pandemic

Keryn Lee

Faculty Mentor: Professor Karen Arca-Contreras

NRS-02

Mental Health and the Context of the COVID-19 Pandemic in the Pediatric Population

Jenna Alijla

Faculty Mentor: Professor Susan J Brillhart

NRS-03

Determining the Relationship in Prevalence of Childhood Obesity and COVID-19

Victoria Gniazdowski

Faculty Mentor: Professor Susan Brillhart

NRS-04

Postpartum Depression

Melinda Bojkovic

Faculty Mentor: Professor Danna Curcio

NRS-05

Childhood Obesity

Thomas Bossert

Faculty Mentor: Professor Danna Curcio

NRS-06

The Interplay between Anxiety and Anesthesia

Nicole Gelfand

Faculty Mentor: Professor Danielle Hunton

NRS-07

Strategies to Promote HPV and Cervical Cancer Screenings in Lesbian and Bisexual Women

Christina Testa

Faculty Mentor: Professor Marianne Jeffreys

NRS-08

Impacts of Overcrowding in the Emergency Department

Julia E Calvo

Faculty Mentor: Professor Jennifer Macchiarola

NRS-09

Sleep Quality of Nurses during the COVID-19 Pandemic: A Literature Review

Bryan Duraku

Faculty Mentor: Professor Magalie Pantermarakis

NRS-10

Literature Review about Healthcare Workers Who Cared for Patients with Coronavirus Disease (COVID-19), to Identify Rates of PTSD, Risk Factors, and Resilience Factors

Nelson A Grajales

Faculty Mentor: Professor An-Yun Yeh

PHILOSOPHY

PHL-01

Structural Injustice: The Bias and Disparities in the Criminal Justice System

Jericee Mitchell

Faculty Mentor: Professor Mark White

PHYSICS & ASTRONOMY

PHY/AST-01

Interactive Physics

Kelly Zyko, Monae Sears, Marko Milosavljevic, Frederick Jones

Faculty Mentor: Professor Charles Liu

**POLITICAL SCIENCE &
GLOBAL AFFAIRS**

PSGA-01**Relationships between Restaurants and Cultures**

Sophia Artz, Emma Cahill, Isabelle Wallace

Faculty Mentor: Professor Jane Marcus-Delgado

PSGA-02**Migration to New York from the Collapsed Soviet Union**

Vlada Kuzina, Max Caputo, Richard Zborovski

Faculty Mentor: Professor Jane Marcus-Delgado

PSGA-03**The Great Migration, Jazz, and Race Relations: The Case of the Benny Goodman Quartet**

Angelina M Colamarino, Katarina Bartholomew

Faculty Mentor: Professor Jane Marcus-Delgado

PSGA-04**Analyzing Public Transportation Infrastructure Disparities between Staten Island and Other Boroughs: A Comprehensive Examination of Cost, Services, Ridership, Reliability, and COVID-related Disruptions**

Lawrence Goldfeld, Briana Grijalva,

Oscar Contreras

Faculty Mentor: Professor Jane Marcus-Delgado

PSGA-05**Fresh Kills Landfill Air Quality and Its Effects On Staten Island**

Mireyda Gonzalez, Annisa Desir

Faculty Mentor: Professor Jane Marcus-Delgado

PSGA-06**Sports in New York: Unifying People and Cultures**

Dylan T Murphy, Ryan Spelman, Danny Smieya

Faculty Mentor: Professor Jane Marcus-Delgado

PSGA-07**The Impact of Immigration Status on Healthcare Access and Quality**

Nada Nasr, Sarah Ahmed, Luke Zaloom

Faculty Mentor: Professor Jane Marcus-Delgado

PSGA-08**Hamilton's Impact on New York City**

Mia Angelina Sinodinos, Gary Fleming

Faculty Mentor: Professor Jane Marcus-Delgado

PSGA-09**Is the Condemnation of Modern-Day Sportswashing in MENA Nations Blown out of Proportion through Orientalism?**

Wahaj Ali

Faculty Mentor: Professor Halil Ege Ozen

PSGA-10

Life in Gaza before the Outbreak of Hostilities: A Study of Palestinian Experiences under Siege

Karen Kellieh

Faculty Mentor: Professor Halil Ege Ozen

PSGA-11

Media Representations and the Dehumanization of Palestinians: Examining Patterns of Marginalization and Vilification

Ayat J Odeh

Faculty Mentor: Professor Halil Ege Ozen

PSYCHOLOGY

PSY-01

Emerging Research on the Specific Mechanisms of Sleep as They Relate to Optimal Productivity and Cognitive Function

Zakary J Blyth

Faculty Mentor: Prof. Natalie Batman-Ratyosyan

PSY-02

Problem Solving Skills in Pre-term vs. Full-term Infants

Aleena Arif

Faculty Mentor: Professor Sarah E Berger

PSY-03

Caregivers Impact on Infant Toy Exploration

Jenna Como, Jordan Swanson

Faculty Mentors: Professor Sarah Berger and Michele Goncalves Maia

PSY-04

Cross-Cultural Comparison of Focused Attention in Infants from the United States, Brazil, and Tajikistan

Tenzing Mathok, Abrar Alzandani

Faculty Mentor: Professor Sarah Berger

PSY-05

A Meta-Analysis of Emotion Recognition, Understanding, and Regulation in Children with Developmental Language Disorder

Nicole Damiani

Faculty Mentors: Professor Patricia J Brooks and Elizabeth Che

PSY-06

Is Media Literacy Associated with Wikipedia Knowledge and Use?

Hunter Peters

Faculty Mentors: Professor Patricia J Brooks and C Donnan Gravelle

PSY-07**Intersectionality: Neurodiversity and LGBTQ+ Identities**

Alexandra J Lorenzo

Faculty Mentor: Professor Jennie Datre

PSY-08**What Contributes to Internalized Stigma among Autistic Youth?**

Reebu M Geevarughese

Faculty Mentor: Professor Kristen Gillespie-Lynch

PSY-09**Intersectional Representations of Identities in Queer Children's Literature**

Monica Ahuja

Faculty Mentor: Professor Darryl Hill

PSY-10**Race, Empowerment, and Disordered Eating among Women Who Have Experienced Intimate Partner Violence**

Andromeda Joseph

Faculty Mentor: Professor Samantha Holmes

PSY-11**Social Media and Attachment Post COVID-19**

Cheyanne L Richardson

Faculty Mentor: Professor Alisa Johnson

PSY-12**Gahvora's Embrace: Effects of Cradling on Nighttime Waking in Tajik Infants**

Francesca A Catalano

Faculty Mentor: Professor Lana Karasik

PSY-13**Breastfeeding in Context: Effects of Gahvora Cradling in Tajikistan**

Brian Villani

Faculty Mentor: Professor Lana Karasik

PSY-14**Gesture Production in Gahvora-reared Infants in Tajikistan**

Kristen F Vonfrolio

Faculty Mentor: Professor Lana Karasik

PSY-15**Nest-Initiation Patterns Demonstrate Differential Nest Attractors in African Naked Mole-Rat Subgroups**

Tina Li

Faculty Mentor: Professor Dan McCloskey

PSY-16**Measuring the Impact of Group Work on Individual Assignments**

Mariana Luperdi

Faculty Mentor: Professor Dan McCloskey

PSY-17

An AI-Powered Approach to Naked Mole-Rat Nesting Patterns

Stephanie L Tirado

Faculty Mentor: Professor Dan McCloskey

PSY-18

Unlocking Hope: The Efficacy of Therapeutic Interventions in Alzheimer's Care

Mennah Hegazi

Faculty Mentor: Professor Elizabeth Pete

PSY-19

Afro-Latinx Youth: A Review of Literature and Clinical Recommendations

Kelly Calixto

Faculty Mentor: Professor Lauren Rogers-Sirin

PSY-20

An Independent Study on Disability Using Behavior Analysis

Jacky Zhao

Faculty Mentor: Professor Louis A Rotondo

PSY-21

The Effects of Social Isolation during Adolescence on Dopamine Axon Terminal Density in the Anterior Corpus Callosum

Colin P Alarcon

Faculty Mentor: Professor Leora Yetnikoff

PSY-22

The Effects of Repeated Amphetamine during Adolescence on Dopamine Terminal Innervation of the Corpus Callosum in Adult Mice

Daniel Maronna

Faculty Mentor: Professor Leora Yetnikoff

SOCIOLOGY & ANTHROPOLOGY

SOC/ANT-01

Supermarket Accessibility in Staten Island, New York: 10303 vs. 10314

Keair E Brown

Faculty Mentor: Professor Grace Cho

SOC/ANT-02

Racial Hegemonic Analysis: Exploring Theoretical Racial Structures in the Spanish Caribbean

Daniel Hope

Faculty Mentor: Professor Ismael García-Colón

WORLD LANGUAGES & LITERATURES

WL&L-01

By the Eyes of Primo Levi

Jennifer De Litteris

Faculty Mentor: Professor Chiara Ferrari



APPENDIX

STUDENT	FACULTY MENTOR	DEPARTMENT	POSTER ID
Ali Abdelmoneim	Neo Antoniades	Engineering & Environmental Sci	EES-01
Ali Abdelmoneim	Alfred Levine	Engineering & Environmental Sci	EES-09
Maya Abdul-Rassoul	Lee Papa	English	ENG-06
Jessica Abrajan	Judit Kerekes	Educational Studies	EDD-03
John Agro	George Vachadze	Economics	ECO-05
Nadeen Ahmad	Judit Kerekes	Educational Studies	EDD-03
Saira Ahmad	Faiza Peetz	Biology	BIO-17
Sarah Ahmed	Jane Marcus-Delgado	Political Science & Global Affairs	PSGA-07
Tasneem Ahsan	Krishnaswami Raja	Chemistry	CHM-07
Monica Ahuja	Darryl Hill	Psychology	PSY-09
Kehinde Aiyegboyin	Krishnaswami Raja	Chemistry	CHM-06
Naomi A Akan	Nancy Liu-Sullivan	Biology	BIO-10
Colin P Alarcon	Leora Yetnikoff	Psychology	PSY-21
Raghad Alhanoun	Grozdena Yilmaz	Biology	BIO-31
Wahaj Ali	Halil Ege Ozen	Political Science & Global Affairs	PSGA-09
Inna Alieva	Muhammad Zia	Biology	BIO-34
Jenna Alijla	Susan J Brillhart	Nursing	NRS-02
Paloma Almonte	Neo Antoniades, Yi Wang	Engineering & Environmental Sci Manhattan College	EES-03
Ambar Alvarenga	Nancy Liu-Sullivan	Biology	BIO-11
Abrar Alzandani	Sarah Berger	Psychology	PSY-04
Rebecca A Andes	Antonella Guadagnino	Biology	BIO-09
Aleena Arif	Sarah E Berger	Psychology	PSY-02
Sophia Artz	Jane Marcus-Delgado	Political Science & Global Affairs	PSGA-01
Aya Ashour	Alan Lyons	Chemistry	CHM-03
Ayah Atmani	Adrienne Paez	Biology	BIO-16
Anthony P Attenborough	Alan Lyons	Chemistry	CHM-04
Danielle Aurilia	Alfred Levine	Engineering & Environmental Sci	EES-06
Michael A Aurilia	Tatiana Anderson	Computer Science	CSC-03
Seifeldin Awad	George Vachadze	Economics	ECO-02
Abou Bah	Dimitrios Pavlidis	Engineering & Environmental Sci	EES-11
Salma Balogun	Shuiqin Zhou	Chemistry	CHM-10
Katarina Bartholomew	Jane Marcus-Delgado	Political Science & Global Affairs	PSGA-03
Nicholas Basile	Sos Agaian	Computer Science	CSC-01
Husein Bechara	Nancy Liu-Sullivan	Biology	BIO-12
Zakary J Blyth	Natalie Batman-Ratyosyan	Psychology	PSY-01

STUDENT	FACULTY MENTOR	DEPARTMENT	POSTER ID
Melinda Bojkovic	Danna Curcio	Nursing	NRS-04
Larisa Borruso	Krishnaswami Raja	Chemistry	CHM-08
Thomas Bossert	Danna Curcio	Nursing	NRS-05
Arianna Brillante	Ann N Etsey	Biology	BIO-06
Keair E Brown	Grace Cho	Sociology and Anthropology	SOC/ANT-01
Mary C Butler	Chang-Hui Shen	Biology	BIO-29
Emma Cahill	Jane Marcus-Delgado	Political Science & Global Affairs	PSGA-01
Kelly Calixto	Lauren Rogers- Sirin	Psychology	PSY-19
Julia E Calvo	Jennifer Macchiarola	Nursing	NRS-08
Alondra Camacho	Sean Thatcher	Engineering & Environmental Sci	EES-13
Victoria Cannava	Krishnaswami Raja	Chemistry	CHM-06
Max Caputo	Jane Marcus-Delgado	Political Science & Global Affairs	PSGA-02
Lauren Cardieri	Deirdre Armitage	Educational Studies	EDD-01
Caitlin R Carela	Nancy Liu-Sullivan	Biology	BIO-11
Francesca A Catalano	Lana Karasik	Psychology	PSY-12
Adrianna Catanzaro	Krishnaswami Raja	Chemistry	CHM-07
Chazz Chambliss	George Vachadze	Economics	ECO-05
Lily Chen	Nancy Liu-Sullivan	Biology	BIO-12
Joel Christian	Krishnaswami Raja	Chemistry	CHM-08
Angelina M Colamarino	Jane Marcus-Delgado	Political Science & Global Affairs	PSGA-03
Ahava Collado	Rupal Gupta	Chemistry	CHM-02
Jenna Como	Sarah Berger, Michele Goncalves Maia	Psychology	PSY-03
Oscar Contreras	Jane Marcus-Delgado	Political Science & Global Affairs	PSGA-04
Savannah A Cseko	Timothy Gray	English	ENG-03
Nicole Damiani	Patricia J Brooks, Elizabeth Che	Psychology	PSY-05
Branny De Jesus Santana	Faiza Peetz	Biology	BIO-18
Jennifer De Litteris	Chiara Ferrari	World Languages and Literatures	WL&L-01
Eve Deans	Nancy Liu-Sullivan	Biology	BIO-12
Ava Degratto	Judit Kerekes	Educational Studies	EDD-04
Madison DeGrazia	Zhanyang Zhang	Computer Science	CSC-08
Annisa Desir	Jane Marcus-Delgado	Political Science & Global Affairs	PSGA-05
Bhakti Dongerkery	Shuiqin Zhou	Chemistry	CHM-11
Stephen Dorazio	Alfred Levine	Engineering & Environmental Sci	EES-08
Luan Draga	John Wing	History	HST-02

STUDENT	FACULTY MENTOR	DEPARTMENT	POSTER ID
Bryan Duraku	Magalie Pantermarakis	Nursing	NRS-09
Gabrielle A Erves	Sarah Zelikovitz	Computer Science	CSC-07
Lauren Farley	Judit Kerekes	Educational Studies	EDD-04
Conor Farrell	Sarah Zelikovitz	Computer Science	CSC-06
Frank Feng	Neo Antoniades	Engineering & Environmental Sci	EES-01
Kenny Chau Gin Feng	Joseph Quinn	Mathematics	MTH-04
Gary Fleming	Jane Marcus-Delgado	Political Science & Global Affairs	PSGA-08
Fady U Frieg	Syed Rizvi	Engineering & Environmental Sci	EES-12
Tiana Garcia	Grozdena Yilmaz	Biology	BIO-32
Yamely Garcia	Patricia Galletta	Accounting and Finance	ACC/FNC-02
Almir Gashi	George Vachadze	Economics	ECO-02
Reebu M Geevarughese	Kristen Gillespie-Lynch	Psychology	PSY-08
Nicole Gelfand	Danielle Hunton	Nursing	NRS-06
Hailey Germoso	George Vachadze	Economics	ECO-03
Reyam Ghannoum	Wenjuan Li	Curriculum and Instruction	C&I-02
Sandra Ghobrial	Faiza Peetz	Biology	BIO-19
Raeshawn E Gibson	Nancy Liu-Sullivan	Biology	BIO-10
Victoria Gniazdowski	Susan Brillhart	Nursing	NRS-03
Lawrence Goldfeld	Jean-Philippe Berteau	Engineering & Environmental Sci	EES-04
Lawrence Goldfeld	Jane Marcus-Delgado	Political Science & Global Affairs	PSGA-04
Kayla Goldstein	Jason Bishop	English	ENG-01
Mireyda Gonzalez	Jane Marcus-Delgado	Political Science & Global Affairs	PSGA-05
Nelson A Grajales	An-Yun Yeh	Nursing	NRS-10
Briana Grijalva	Jane Marcus-Delgado	Political Science & Global Affairs	PSGA-04
Joseph Grillo	Alfred Levine	Engineering & Environmental Sci	EES-08
Alla Gubskiy	Muhammad Zia	Biology	BIO-34
Jackson Haft	Neo Antoniades, Yi Wang	Engineering & Environmental Sci Manhattan College	EES-03
Judie Hamdan	Krishnaswami Raja	Chemistry	CHM-05
Tasnim Hanaif	Krishnaswami Raja	Chemistry	CHM-07
Anusha Haris	Chang-Hui Shen	Biology	BIO-29
Mennah Hegazi	Elizabeth Pete	Psychology	PSY-18
Daniel O Hope	Mikael Vejdemo-Johansson	Mathematics	MTH-05
Daniel O Hope	Ismael García-Colón	Sociology and Anthropology	SOC/ANT-02
Eric Huang	Neo Antoniades	Engineering & Environmental Sci	EES-02
Michael Huang	Charles Liu	Physics and Astronomy	PHY/AST-01

STUDENT	FACULTY MENTOR	DEPARTMENT	POSTER ID
Jessica N Ifeanyi	Alejandra Alonso	Biology	BIO-02
Emmanuel Ijasuyi	Alfred Levine	Engineering & Environmental Sci	EES-10
Emily R Jimenez	Lauren Mullins	Management	MGT-02
Frederick Jones	Charles Liu	Physics and Astronomy	PHY/AST-01
Andromeda Joseph	Samantha Holmes	Psychology	PSY-10
Anxhela Josifi	Faiza Peetz	Biology	BIO-20
Anxhela Josifi	Faiza Peetz	Biology	BIO-21
Julia Kalinowski	Krishnaswami Raja	Chemistry	CHM-07
Irene Kalogiannis	Abdeslem El Idrissi	Biology	BIO-03
Mohammad Anas Kasem	Faiza Peetz	Biology	BIO-22
Matthew Keeler	Wenjuan Li	Mathematics	MTH-02
Ismaila Keita	George Vachadze	Economics	ECO-02
Sandi Kelada	Alejandra Alonso	Biology	BIO-01
Karen Kellieh	Halil Ege Ozen	Political Science & Global Affairs	PSGA-10
Brian Kerliu	Lisa Manne	Biology	BIO-13
Bayan Khalil	Judit Kerekes	Curriculum and Instruction	C&I-01
Rolla Khass	Judit Kerekes	Curriculum and Instruction	C&I-01
Rolla Khass	Ting Yuan	Curriculum and Instruction	C&I-03
Rolla Khass	Judit Kerekes	Mathematics	MTH-01
George N Khoury	Faiza Peetz	Biology	BIO-23
George N Khoury	Faiza Peetz	Biology	BIO-24
Shannon Killen	Krishnaswami Raja	Chemistry	CHM-06
Yuliya Kim	Nancy Liu-Sullivan	Biology	BIO-12
Maxim Kleyer	Sos Agaian	Computer Science	CSC-01
Andi Kolari	Sarah Zelikovitz	Computer Science	CSC-07
Marco Korcak	Zhanyang Zhang	Computer Science	CSC-08
Estella Kosse	Shiquin Zhou	Chemistry	CHM-12
Bora Kupa	Krishnaswami Raja	Chemistry	CHM-05
Bora Kupa	Krishnaswami Raja	Chemistry	CHM-08
Vlada Kuzina	Jane Marcus-Delgado	Political Science & Global Affairs	PSGA-02
Keryn Lee	Karen Arca-Contreras	Nursing	NRS-01
Leora Lehrfield	Michelle Esposito	Biology	BIO-05
Edward Leibowitz	Jimmie Fata	Biology	BIO-07
Michael Levitas	Alexandru Voicu	Economics	ECO-08
Tina Li	Dan McCloskey	Psychology	PSY-15
David Liao	Sos Agaian	Computer Science	CSC-02

STUDENT	FACULTY MENTOR	DEPARTMENT	POSTER ID
Alexandra J Lorenzo	Jennie Datre	Psychology	PSY-07
Thomas A Lovascio	George Vachadze	Economics	ECO-04
Mariana Luperdi	Dan McCloskey	Psychology	PSY-16
Albert Mackiewicz	Chang-Hui Shen	Biology	BIO-30
Kraya Macwan	Krishnaswami Raja	Chemistry	CHM-06
Kraya Macwan	Krishnaswami Raja	Chemistry	CHM-08
Marroquin Marcia	Alfred Levine	Engineering & Environmental Sci	EES-10
Daniella Marcus	Jane Marcus-Delgado	History	HST-01
Daniel Maronna	Leora Yetnikoff	Psychology	PSY-22
Tenzing Mathok	Sarah Berger	Psychology	PSY-04
Mirjana Mehmeti	Soon Ae Chun	Computer Science	CSC-04
Ashley Mesa	Jason Bishop	English	ENG-01
Marko Milosavljevic	Charles Liu	Physics and Astronomy	PHY/AST-01
Thomas Mishakin	George Vachadze	Economics	ECO-05
Jericee Mitchell	Mark White	Philosophy	PHL-01
Thikra Mohammad	Jason Bishop	English	ENG-01
Rebecca Moller	Judit Kerekes	Mathematics	MTH-01
Viktoriya Morozova	Krishnaswami Raja	Chemistry	CHM-05
Salwa Munir	Faiza Peetz	Biology	BIO-25
Salwa Munir	Faiza Peetz	Biology	BIO-26
Dylan T Murphy	Jane Marcus-Delgado	Political Science & Global Affairs	PSGA-06
Sabrina Musovic	Krishnaswami Raja	Chemistry	CHM-07
Qadar Naeem	Paul Orzechowski	Economics	ECO-01
Qadar Naeem	George Vachadze	Economics	ECO-03
Nada Nasr	Jane Marcus-Delgado	Political Science & Global Affairs	PSGA-07
Shontel D Nedderman	George Vachadze	Economics	ECO-06
Andrew W Ngai	Muhammad Zia	Biology	BIO-33
Morgan Novello	Lisa Manne	Biology	BIO-14
Gianna Occhiuto	Russell Rosen	Educational Studies	EDD-05
Ayat J Odeh	Halil Ege Ozen	Political Science & Global Affairs	PSGA-11
Ezekiel O Okedoyin	Alfred Levine	Engineering & Environmental Sci	EES-07
Milena E Olkhovetsky	Michelle Esposito	Biology	BIO-04
Theresa Pagani	Krishnaswami Raja	Chemistry	CHM-05
Theresa Pagani	Krishnaswami Raja	Chemistry	CHM-06
Julia Palka	Faiza Peetz	Biology	BIO-27
Francesco M Paone	Heidi Bertels	Management	MGT-01

STUDENT	FACULTY MENTOR	DEPARTMENT	POSTER ID
Francesca Papalia	Judit Kerekes	Educational Studies	EDD-03
Sahani Perera	Judit Kerekes	Mathematics	MTH-01
Hunter Peters	Patricia J Brooks, C Donnan Gravelle	Psychology	PSY-06
Raijan Peters	Lorenza Colonna	English	ENG-02
Cristina Pineda	Jason Bishop	English	ENG-01
Gabriella Pipitone	Dan Zhang	Marketing	MKT-01
Michael Plishchin	John Wing	History	HST-03
Elliot Radov	Jane Marcus-Delgado	History	HST-01
Abeer Ramadan	Judit Kerekes	Educational Studies	EDD-04
Nicolette Randazzo	Melanie McNulty	English	ENG-04
Jaclyn Regina	Marta Cabral	Educational Studies	EDD-02
Emily Ricciutti	Krishnaswami Raja	Chemistry	CHM-07
Cheyenne L Richardson	Alisa Johnson	Psychology	PSY-11
Marcelina Rokicki	Muhammad Zia	Biology	BIO-34
Bryan Rudshteyn	Alfred Levine	Engineering & Environmental Sci	EES-08
Sakina Saeed	Shuiqin Zhou	Chemistry	CHM-09
Monae Sears	Charles Liu	Physics and Astronomy	PHY/AST-01
Amina Selimaj	Melanie McNulty	English	ENG-05
Gadzhi Shakhnavazov	Muhammad Zia	Biology	BIO-35
Fiona Shehu	Nancy Liu-Sullivan	Biology	BIO-12
Warren Shum	Alfred Levine	Engineering & Environmental Sci	EES-09
Thania Sibri	Dan Zhang	Marketing	MKT-02
Mia Angelina Sinodinos	Jane Marcus-Delgado	Political Science & Global Affairs	PSGA-08
Danny Smieya	Jane Marcus-Delgado	Political Science & Global Affairs	PSGA-06
Jade Smith	Jason Bishop	English	ENG-01
Fady Soliman	Alfred Levine	Engineering & Environmental Sci	EES-06
Luciano Spagnuolo	Muhammad Zia	Biology	BIO-35
Ryan Spelman	Jane Marcus-Delgado	Political Science & Global Affairs	PSGA-06
Thomas J Strmel	Alfred Levine	Engineering & Environmental Sci	EES-10
Jordan Swanson	Sarah Berger Michele Goncalves Maia	Psychology	PSY-03
Evelyn J Tamay Flores	George Vachadze	Economics	ECO-07
Rachel Tbeile	Nancy Liu-Sullivan	Biology	BIO-12
Stephen Teiglee	George Vachadze	Economics	ECO-03
Christina Testa	Marianne Jeffreys	Nursing	NRS-07

STUDENT	FACULTY MENTOR	DEPARTMENT	POSTER ID
Stephanie L Tirado	Dan McCloskey	Psychology	PSY-17
Marie Darlande Toussaint	Nancy Liu-Sullivan	Biology	BIO-12
Megan R Trapanese	Andrew C Poje	Mathematics	MTH-03
Thanh Truong	Xin Jiang	Engineering & Environmental Sci	EES-05
Melina Turco	Nancy Liu-Sullivan	Biology	BIO-11
Sara Turku	Michelle Esposito	Biology	BIO-05
Teresa Ugolotti	Jane Marcus-Delgado	History	HST-01
Leah A Vega	Banu Aslanertik	Accounting and Finance	ACC/FNC-01
Brian Villani	Lana Karasik	Psychology	PSY-13
Kristen F Vonfrolio	Lana Karasik	Psychology	PSY-14
Isabelle Wallace	Jane Marcus-Delgado	Political Science & Global Affairs	PSGA-01
Savion E Watson	Sarah Zelikovitz	Computer Science	CSC-07
Xinyi Weng	Jimmie Fata	Biology	BIO-08
Erin Westgate	Judit Kerekes	Educational Studies	EDD-04
Robert Wetz	Susan Imberman	Computer Science	CSC-05
Joseph Williams	Alfred Levine	Engineering & Environmental Sci	EES-07
Daniel Wronski	Leah Cohen	Chemistry	CHM-01
Joey Yu	Lisa Manne	Biology	BIO-15
Joey Yu	Muhammad Zia	Biology	BIO-34
Luke Zaloom	Jane Marcus-Delgado	Political Science & Global Affairs	PSGA-07
Justin Zaluk	Zhanyang Zhang	Computer Science	CSC-08
Richard Zborovski	Jane Marcus-Delgado	Political Science & Global Affairs	PSGA-02
Guohong Zhao	Xin Jiang	Engineering & Environmental Sci	EES-05
Jacky Zhao	Louis A Rotondo	Psychology	PSY-20
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	Jimmie Fata	BIO-07, BIO-08
	Antonella Guadagnino	BIO-09
	Nancy Liu-Sullivan	BIO-10, BIO-11, BIO-12
	Lisa Manne	BIO-13, BIO-14, BIO-15
	Adrienne Paez	BIO-16
	Faiza Peetz	BIO-17, BIO-18, BIO-19, BIO-20, BIO-21, BIO-22, BIO-23, BIO-24, BIO-25, BIO-26, BIO-27, BIO-28
	Chang-Hui Shen	BIO-29, BIO-30
	Grozdena Yilmaz	BIO-31, BIO-32
Muhammad Zia	BIO-33, BIO-34, BIO-35	
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	Shuiqin Zhou	CHM-09, CHM-10, CHM-11, CHM-12
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	Zhanyang Zhang	CSC-08
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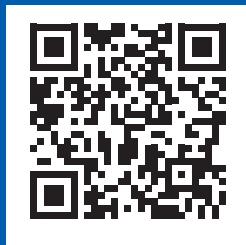
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