224 UNDERGRADUATE CONFERENCE RESEARCH, SCHOLARSHIP, AND THE ARTS





THURSDAY, MAY 2, 2024

www.csi.cuny.edu/ugconference







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,

Timothy G. Lynch, Ph.D. (helhim/his)
President

Winty D. Fynel

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

PRFSFNT

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 Eig	ght 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 Th	ne 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	3:00pm-4:00pm
PCA Music	: Program	
Etude in F minor, Op. 10, no. 9		Frédéric Chopin
Xiaoying Ambe	r Liang, piano	
Mentored by Pro	of. Sylvia Kahan	
Vocalise	S	Serge Rachmaninoff
Jerrol Bowr	man, violin	
Xiaoying Ambe	e r Liang, piano	
Mentored by Prof. Sylvia Kaha	an and Prof. Johnna Nan Wu	
"Ch'io mi scordi di te," K. 505	Wolf	gang A. Mozart
Diana Claps, m	nezzo-soprano	
Prof. Sylvia K	Kahan, piano	
Mentored by Pro	f. Elena Heimur	
CSI Guitar Ensemble, din	rected by Prof. Ed Brown	
Matthew Asmat	Maksim Nam	ı
Jenny Brown	Angelina Reso	so
Ryan Chisefsky	Javier Luis San	tos
Joshua Crespo	Sasha Samsono	vich
Anthony Delcore	Niamh Alarco	n
Mano Merca	Andrew Yip	
Flamenco Fantastico		David Burndrett
Adelita	ca, guitar	Francisco Tárrega

Anthony Delcore, guitar

The CSI Jazz Combo, directed by Prof. Vincent Guarna

Anthony Delcore, Guitar
Andres Romero, Drums
Steven Tyler Tindall, Electric Bass

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**

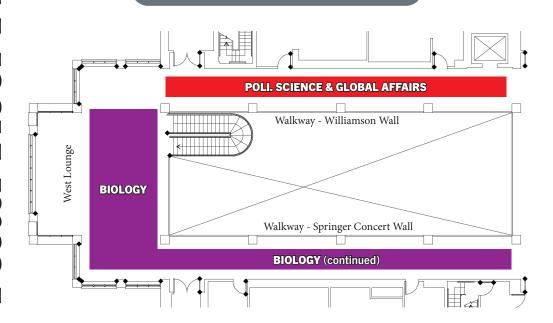
The Student Art Gallery of the College of Staten Island

Undergraduate Research Conference Art Exhibition

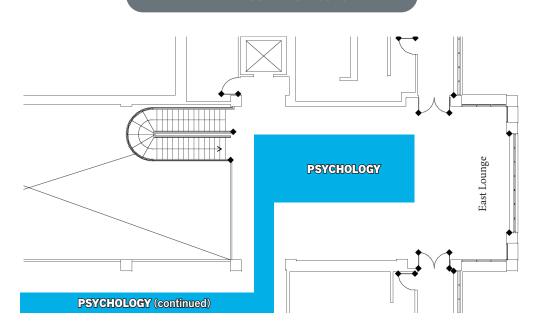
A juried group exhibition of student art curated by PCA student curators
Axel Delgado, Janinne Aguayza-Calle, Victoria Paradiso,
and Emily Wu (Faculty Adviser: Prof. Beth Livensperger)

1P - ATRIUM | 1ST FLOOR ■ ACCOUNTING & FINANCE TRY VESTIBULE 1st Floor - Front Entrance 1P-1C6A North Wall (Williamson Theater) BIOLOGY Poster Floor P 2nd Floor – West Lounge and Walkway WOMEN 1P-1T2 CHEMISTRY 1st Floor - Front Entrance CHEMISTRY North Wall (Williamson Theater) NURSING COMPUTER SCIENCE 1st Floor - Front Entrance South Wall (Springer Hall) REGISTRATION WILLIAMSON THEATRE 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 1P-173 1st Floor - Center - North Wall (Lab Theater) ENGLISH 1st Floor - Center South Wall (Lecture/Recital Halls) HISTORY 1st Floor - Back Entrance - South Wall **ENGINEERING & ENV SC** MANAGEMENT 1st Floor - Front Entrance HSHBNE North Wall (Williamson Theater) MARKETING 1st Floor - Front Entrance North Wall (Williamson Theater) MATHEMATICS EGONOMICS 1st Floor - Center - South Wall (Lecture/Recital Halls) PHYSIES NURSING 1st Floor - Front Entrance South Wall (Springer Hall) **PHILOSOPHY** MAIH 1st Floor - Back Entrance - South Wall **CURR&INSTR** PHYSICS Ø, 1st Floor - Center - North Wall (Lab Theater) POLI. SCI. & GLOBAL AFFAIRS 誓 2nd Floor – Walkway (Williamson Wall) WOMEN 1P-1T1 **PSYCHOLOGY EDU STUDIES** 2nd Floor - East Lounge SOCIOLOGY & ANTHROPOLOGY CORRIDOR 1st Floor - Back Entrance - South Wall 1P-1C27 **WORLD LANGUAGES & LIT.** ENTRY VESTIBULE 1st Floor - Back Entrance - South Wall 1P-1CA

1P - 2ND FLOOR - WEST LOUNGE



1P - 2ND FLOOR - FAST 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, Zaghloul 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 Al 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 Selimai

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

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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 Al-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



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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,	Engineering & Environmental Sci	EES-03
	Yi Wang	Manhattan College	
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

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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,	Psychology	PSY-03
	Michele Goncalves Maia		
Oscar Contreras	Jane Marcus-Delgado	Political Science & Global Affairs	PSGA-04
Savannah A Cseko	Timothy Gray	English	ENG-03
Nicole Damiani	Patricia J Brooks,	Psychology	PSY-05
	Elizabeth Che		
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 DeGrezia	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

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Bryan Duraku	Magalie Pantermarakis	Nursing	NRS-09
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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,	Engineering & Environmental Sci	EES-03
	Yi Wang	Manhattan College	
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

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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

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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

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Francesca Papalia	Judit Kerekes	Educational Studies	EDD-03
Sahani Perera	Judit Kerekes	Mathematics	MTH-01
Hunter Peters	Patricia J Brooks,	Psychology	PSY-06
	C Donnan Gravelle		
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
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Cheyanne 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	Psychology	PSY-03
	Michele Goncalves Maia		
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Rachel Tbeile	Nancy Liu-Sullivan	Biology	BIO-12
Stephen Teiglee	George Vachadze	Economics	ECO-03
Christina Testa	Marianne Jeffreys	Nursing	NRS-07

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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
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Melina Turco	Nancy Liu-Sullivan	Biology	BIO-11
Sara Turku	Michelle Esposito	Biology	BIO-05
Teresa Ugolotti	Jane Marcus-Delgado	History	HST-01
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Brian Villani	Lana Karasik	Psychology	PSY-13
Kristen F Vonfrolio	Lana Karasik	Psychology	PSY-14
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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
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Daniel Wronski	Leah Cohen	Chemistry	CHM-01
Joey Yu	Lisa Manne	Biology	BIO-15
Joey Yu	Muhammad Zia	Biology	BIO-34
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Guohong Zhao	Xin Jiang	Engineering & Environmental Sci	EES-05
Jacky Zhao	Louis A Rotondo	Psychology	PSY-20
Jason Zheng	Neo Antoniades,	Engineering & Environmental Sci	EES-03
	Yi Wang	Manhattan College	
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	Michelle Esposito	BIO-04, BIO-05
	Ann N Etsey	BIO-06
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	Antonella Guadagnino	BIO-09
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