



NYU | CAS

# 44th Annual Undergraduate Research Conference

*Humanities*

*Social  
Sciences*

*Natural  
Sciences*

44th Annual  
Undergraduate  
Research  
Conference  
Friday, May 4, 2018

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*All panel presentations will be held in various classrooms as indicated.  
Posters will be displayed in Hemmerdinger Hall and Silverstein Lounge  
on the first floor of the Silver Center.*

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### POSTER SESSIONS

Hemmerdinger Hall and Silverstein Lounge  
Silver Center, 1st Floor, 9AM-12PM

Lunch for Conference Participants  
Heights Alumni Lounge, Room 170  
Waverly Building, available from 11:30AM-2:30PM

### AFTERNOON PANEL

12:30PM – 2:30PM

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## POSTER SESSIONS

9:00 AM–12:30 PM

### Group 1

#### Judges:

Nataliya Galifianakis, Biology

Carol Shoshkes Reiss, Biology

#### **CLARA SI**, Biochemistry, Classical Civilization

Investigating the Antiviral Potential of Serpins Using Multicycle Replication Assays

#### **JOHN ANDREWS**, Anthropology, Biology

A Screen to Identify Ribosomal Proteins with Specialized Roles in the Translation of Herpes Simplex Virus 1 mRNAs

#### **ILYASSE BENEZHA**, Science, Borough of Manhattan Community College

#### **SHAIKU JALLOH**, Science, Borough of Manhattan Community College

Bioactivity of the Medicinal Plant *Lippia multiflora* against Oxidative Stress and Inflammation

#### **JANKI TAILOR**, Biology

CD8 T Cell Immune Checkpoints in HIV Infected Children

#### **APARNA ALANKAR**, Biology, English and American Literature

Redistribution of Natural Killer Cell Subsets in Pediatric HIV Infection

#### **MATT GENEROSO**, Global Public Health/Biology

sCD163, T Cell Activation and HIV Progression in Perinatally-Infected HIV+ Children

## **Group 2**

### **Judges:**

Scott Williams, Anthropology

Nicholas Wolf, Irish Studies

Mahnaz Yousefzadeh, Middle Eastern and Islamic Studies

### **MADDY McCARTIN, Anthropology**

Experimental Analysis of Fox Teeth Ornaments in the Upper Paleolithic

### **ELLEN KROTOW, Psychology**

The Influence of Explicit and Implicit Racial Attitudes on Visual Attention Toward Out-Group Members

### **ZOE PISIERRA, Politics**

Fake News in the Media: Does Facebook's Flagging System Have the Ability to Alter One's Political Opinions?

### **NATASHA PANDIT, Psychology**

Effects of Race-Based Facial Prototypicality on Voters' Decisions

### **PETER JIN, Economics, Psychology**

The Effect of Economic Scarcity on Implicit Bias

### **ALEXIS MARTINEZ, Business Administration, Borough of Manhattan Community College**

The Termination of NAFTA: Snowballing America's Next Catastrophe

### **Group 3**

**Judges:**

Pam Crabtree, Anthropology

Stephanie Dubois, French

Christina Van Houten, Expository Writing

**CARLA CAMPERO**, Economics

Gender Diversity and Corporate Environmental Responsibility

**Gaelin Bernstein**, Individualized Study

Gender Differences in Self-Perceived Leadership

**Dori Kenessey**, Anthropology, Psychology

He's Driven, She's Lost: The Effects of Gender Stereotypes on the Perceptions of People Asking Questions

**Zeena Hussain**, Anthropology

Health Related Quality of Life Indicators in College-Going Women with PCOS: A Cross-Sectional Study

**JohnPatrick Imperiale**, Economics

Employer Learning of Noncognitive Skills

## Group 4

### Judges:

Aisling Dunne, College Core Curriculum

Ignatius Tan, Biology

### **SAMMI VANTINE**, Biochemistry

dCas9-Mediated Inhibition of *fis* Gene Expression in Rifampicin Resistant H526Y *rpoB* Mutant *E. coli* Does Not Lead to Synthetic Lethality

### **TINA KONG**, Biochemistry

Super-Resolution Imaging of Breast Cancer 1-Deficient Tumor Sections

### **JAEWOO SHIN**, Biochemistry

Investigation of Proteasome Mobilization in Response to Amino Acid Starvation Using Super-Resolution Microscopy

### **JENNY GAO**, Biology

Developing a Toolkit for Lineage Tracing in the *C. elegans* Germ Line

### **IRENE CHO**, Biology

Evolution of Neural Types in *Drosophila* Optic Lobes Using In Situ Hybridization Techniques



## Group 5

### Judges:

Manpreet Katari, Biology

Brian Parker, Biology

### DAVID KLEIN, Biology

Computational Tools for Automated Growth Rate Calculation in Continuous Culture

### AMY LEI, Biology

Regulation of Gene Expression in Mammalian Cells in Response to Endoplasmic Reticulum Stress

### RIMMA LEVINA, Biology

Characterizing the Role of Otd Protein in Early *Drosophila melanogaster* Development

### YUN BIN ZHANG, Computer Science and Mathematics

Predicting Dynamic Protein and mRNA Expression Profiles with a Simple Rate Equation

### BHAVANA RAGIPANI, Neural Science

Conditional Depletion of DPY-27 to Elucidate Spreading Mechanism of DCC

### BRENDA LAGARES, Nursing, Borough of Manhattan Community College

Validation of an Enzyme-Linked Immunosorbent Assay for Microbiology Laboratory Practices

## **Group 6**

### **Judges:**

Maharukh Bhiladwall, Economics

Joseph Cerniglia, Mathematics

David Kanter, Environmental Studies

**KELLY DOOLING**, Environmental Studies

The Psychology of Cephalopod Wellbeing

**GINHA KIM**, Economics and Mathematics

Climate Change and the Collective Curiosity

**VINCENT DIDONATO**, Politics

Agency Slack: Evaluating the Effect of Money in Elections on EPA Enforcement

**JASMIN JIMENEZ**, Environmental Studies

Habitat Analysis for Reintroduction of Amphibians into Van Cortlandt Park

**ALEKSANDRA ARTYFIKIEWICZ**, Economics, Borough of Manhattan Community College

Food Waste: A Benefit or a Cost for the Borough of Manhattan Community College?

## **Group 7**

### **Judges:**

Suketu Mehta, Journalism

Mutiara Sondjaja, Mathematics

**SARANYA RAMADURAI**, Economics

**SEMHRAN THAMER**, Global Public Health/Chemistry

Metabolic Syndrome and Foodscapes

**RUCHI DESAI**, Global Public Health/Chemistry

Assessing the Impact of Scientific Evidence in Changing Children's Attitudes towards Sugary-Sweetened Beverages

**JI JUNG PARK**, Psychology

The Relationship between Set-Shifting and Weight in Adolescents

**DIVYA DAYAL**, Psychology

Geometry in Children's Drawings

**SUSIE GOCH**, Psychology

The Effects of Inhibitory Response Training on Implicit Food Evaluations: Decreasing Snack Food Preferences

**RUCHI DESAI**, Global Public Health/Chemistry

**JESSIE OSTERMAN**, Global Public Health/Chemistry

Effects of Social Media-Based Food and Beverage Advertising on Adolescent Perceptions and Preferences

## **Group 8**

### **Judges:**

Tirso Cleves, Spanish and Portuguese Languages and Literatures

Richard Gallagher, Child and Adolescent Mental Health Studies

Chen Gao, East Asian Studies

### **VICTORIA JADE ENDE, Neural Science**

Enhancing the College Experience: The Effects of Different Levels of Exercise on Memory, Stress Management, and Mood

### **JENNIFER DIMASCIO-DONOHUE, German, Psychology**

The Effects of Sleep Restriction on First Impressions in Dyadic Interactions

### **JOSHUA ADAM PESANTES, Psychology**

How Do Feelings of Loneliness/Social Isolation and a Perceived Lack of Social Support Influence Undergraduate Students' Physical and Psychological Well-Being?

### **SYDNEY COHEN, Psychology**

First Generation University Students and Engagement with Tutors

### **KYU CHOI, Psychology**

The Effects of Roommate Relationships on Health Motivation and Physical Activity

## **Group 9**

### **Judges:**

John Halpin, Chemistry

Margarita Kaplow, Neural Science

### **EBEN ANANE, Neural Science**

Early Life Maltreatment (Scarcity-Adversity Model) Induced Behavioral Deficits are Repaired by Environmental Enrichment

### **KATHERINE FURMAN, Neural Science**

Behavioral Preference for Pup Ultrasonic Vocalizations in Female Mice

### **DANIELLE MENDONCA, Neural Science**

Changes in the Expression of NR2B-NMDA Receptors in Hippocampus Relate to Individual Differences in Adaptability to Food Restriction-Stress

### **SARA STARK, Neural Science, Psychology**

Individual Differences in Responses to Threats in Rats

### **ALLIE NEESON, Neural Science**

The Attenuation of Conditioned Threat Responses through Appetitive Control

## Group 10

### Judges:

Joanna Klukowska, Computer Science

Matthew Leingang, Mathematics

Fan Ny Shum, Mathematics

**BETTY BEI**, Computer Science

The Effects of Placing Social Games in Virtual Reality

**ERIC LIN**, Computer Science

**COLE SMITH**, Economics and Computer Science

Robotic Room Traversal Using Optical Laser Range Finding

**RISHABH RANAWAT**, Computer Science, Mathematics

CollectiveTeach: A System for Generating and Sequencing Lesson Plans

**ANANDITHA RAGHUNATH**, Computer Science, Mathematics

Exploring Dental Care Affordability on Twitter via Natural Language Processing and Machine Learning

**ALEKSANDAR KIPROVSKI**, Computer Science

Convolutional Neural Networks as a Genomic Method for Diagnosing Glioblastoma from Magnetic Resonance Imagery

**JO EUN KIM**, Mathematics, Borough of Manhattan Community College

Backward Induction and Its Applications to Game Theory

## Group 11

### Judges:

Aleksandar Donev, Mathematics

Frank Moscatelli, Physics

Hesam Oveys, Mathematics

Jigarkumar Patel, Mathematics

**AKSHUNNA DOGRA**, Mathematics, Physics

**WILL REDMAN**, Mathematics, Physics

High Fields and Its Effect on Tokamak Design Strategies

**AHMED SHERIF**, Physics

Transport and Trapping of Submerged Bodies Due to Water Wave Refraction

**FADIMATOU MOSSI**, Engineering Science, Borough of Manhattan Community College

Study of Location Error in Satellite Precipitation Estimates Using a Radar-Gauge Product

**MATS HENRIKSEN THIJSEN**, Physics

Analysis of Large Scale Structure of Magnetic Field in State-of-the-Art Galaxy Simulation

**CYRUS TAM**, Biology

Image Reconstruction with B-recs in Localization Microscopy

**ARVI GJOKA**, Computer Science, Physics

Towards Stacked Sparse Coding Networks

## **Group 12**

### **Judges:**

Tianning Diao, Chemistry

Barry Rugg, Chemistry

### **KEVIN KUONQUI, Biochemistry**

Designing Hybridization Probes to Identify Compositional Species  
Differences between the Microbiomes of Distinct Human Hosts

### **ALEX MACBETH, Chemistry**

Synthesis of Colloidal Rings

### **ELLEN MATS, Chemistry**

Crystalizing Adenosine Targeting Aptamer within Self-Assembling  
Crystal Lattice

### **CASEY REED, Chemistry**

Inertial Water Response Dominates Protein Solvation Dynamics

### **TIFFANY TANG, Chemistry**

Fabrication and Guided Motion of Microscale Swimmers

### **JENISH KUMAR KARMACHARYA, Biochemistry**

Self-Assembly of a Four Turn-Assymmetric Tensegrity Triangle  
Containing a Three-Arm Junction



## Group 13

### Judges:

Zlatko Bacic, Chemistry

Daniela Buccella, Chemistry

James Canary, Chemistry

### **VALENTYNA CHEBANOVA**, Biochemistry

Structural Characterization of YcjW: A Putative *E. coli* LacI/GalR  
Transcription Repressor

### **DEEPIKA DHAWAN**, Biochemistry

Functional Mapping of the O-polypeptide N-acetylgalactosaminyl  
Transferases (GALNT) via High-Throughput Analyses of miRNA-  
mRNA Interactions

### **AXEL EPIE**, Biochemistry

The Study of Helicase Kinetics in Correlation to Lesion Structure and  
Efficiency of the Nucleotide Excision Repair Pathway

### **JUSTINE ROSALEZ**, Biochemistry

The Effect on the Rate Constant of the RecQ Helicase Enzyme when  
Encountering Damaged DNA Bases

### **JONATHAN YOUNGKOOK CHUNG**, Biochemistry

Lectin Mediated Protein Trafficking to Exosomes

### **CINDY QIU**, Chemistry

Synthesis of Functionalized Coil and Helix-Shaped Polymers for  
Analysis of Their Hydrophobic and Hydrophilic Interactions

## Group 14

### Judges:

Michael Carrozza, Biology

John Henssler, Chemistry

### ALEX YU, Biochemistry

Interleukin-1 $\beta$  (IL-1 $\beta$ ) Plays a Regulatory Role in the Expression of the Senescence-Associated Secretory Phenotype (SASP)

### SHIHUI WANG, Economics

Functional Study of Cancer Patient-Associated BcL-xL Mutants: A Step towards Personalized Medicine

### GRANT ALLINGTON, Biochemistry

Quantification of CpG ODN Immunomodulation Treatment Effect on Neuronal Loss and Reactive Astroglia in a Repressible Transgenic Mouse Model of Alzheimer's Disease

### JUSTIN WANG, Biology

Communicating the Nutritional Value of Sugar in *Drosophila*

### PAULOMI GOHEL, Neural Science

Reelin Dysfunction in Autism

### JE YEONG SONE, Biochemistry

Single Molecule Array Immunoassay of Tau Protein Phosphorylated at Threonine-231 in Blood Plasma

## Group 15

### Judges:

Patrick Eichenberger, Biology

Robert Froemke, Neural Science

### **DALI NEMECIO**, Biochemistry

Determining the Position of the Central Nervous System Enhancer for Zelda in *Drosophila*

### **SAHAANA SUNDAR**, Neural Science

Function of Lateral Entorhinal Cortex in Shaping Task-Selective Spatial Representations in Dorsal CA1 of Hippocampus

### **MAHDI CHOUDHURY**, Neural Science

Identifying Low Dimensional Representation of Prehension with Neural Correlate in Premotor Cortex

### **JILLIAN BURNS**, Mathematics, Psychology

Decoding Stimulus Orientation Using MEG

### **SEMHRAN THAMER**, Global Public Health/Chemistry

Corneal Collagen Cross-Linking Combined with Refractive Surgery in Treating Keratoconus

## **Group 16**

### **Judges:**

Claude Desplan, Biology

Dubravko Sabo, Chemistry

### **SUSAN CHOW, Neural Science**

Developmental Hearing Loss Impairs Perceptual Sensitivity

### **ABHISHEK HINDUJA, Neural Science**

The Role of Hippocampal Sharp Wave Ripples in Immune/Endocrine Regulation during Sleep

### **RADHIKA KENKRE, Neural Science**

Exploring the Effect of Early Behavioral Training on the NVHL Model of Schizophrenia

### **RAVEN LIN, Neural Science, Psychology**

Prefrontal Morphological and Connectivity Abnormalities in a Methylazoxymethanol Acetate Insult Model of Schizophrenia

### **EMMA MACDONALD, Neural Science**

Characterization of Nucleus Accumbens Interneurons

## **Group 17**

### **Judges:**

Karen Adolph, Psychology

Lesha Shah, Child and Adolescent Mental Health Studies

### **CHRISTINA YU, Psychology**

Inferential Reasoning Ability in Patients with Temporal Lobe Epilepsy

### **MICHAEL ZHU, Neural Science**

Effects of Transcranial Direct Current Stimulation on Perceptual Ambiguity

### **KYLE DROPPA, Psychology**

Association between Change in Brain Gray Matter Volume, Cognition, and Depression Severity: Pre- and Post- Antidepressant Pharmacotherapy for Late-Life Depression

### **MASOUMEH MOHAMMADKHANI, Psychology**

Investigating Rodent Reward Prediction Using a Modular Open Source Operant System

### **MAGGIE McALLISTER, Psychology**

Neural and Behavioral Effects of Delayed Auditory Feedback in Post-Operative Epilepsy Patients

## **Group 18**

### **Judges:**

Amanda Capelli, Expository Writing

Molly Dillon, Psychology

Lauren Kehoe, Division of Libraries

**MIRA SHARMA**, Neural Science, Psychology

Storytelling & Evaluations: The Perception of Women Stereotypes in Male-Dominated Roles

**ANTY CHEN**, Finance, Psychology

The 6-Brick Challenge: Perception Is Easy, but Action Is Hard

**OMAR EL FADEL**, Psychology

**PAIGE SELBER**, Psychology

Making Movement Costly: Does Infant Exploration Pay the Price?

**GRACE JI YAN TSANG**, Communicative Sciences and Disorders

Effect of Musical Training on Perception of Shadowed Speech

**SAM AYALA**, Communicative Sciences and Disorders

Does Auditory Acuity Predict Response to Visual-Acoustic Biofeedback?

## **Group 19**

### **Judges:**

Mary Haslam, French

Jess Shatkin, Child and Adolescent Mental Health Studies

Ruvanee Vilhauer, Psychology

**YIAN ZHANG**, Neural Science

The Effects of Identity- and Action-Focused Language across Domains

**SKY ZHANG**, Psychology

Mental Simulation and Goal-Pursuit Flexibility

**MONA HASSANEIN**, Biology

The Influence of Construal Level on the Experience of Control in Situations of Choice

**CAT BIANCO**, Psychology

**MELODY XU**, Individualized Study

Development of Flexibility in Tool Use

**JOHN ANDREW HANJU CHWE**, Psychology

Dynamic Trait Space: Dissimilarity Analysis of Perceived and Objective Trait Associations

**CASEY LOUISE DOLDISSEN**, Psychology

**AIDA SIDI**, Social Work

**AASTHA VASA**, Psychology

At Home with Objects

## **Group 20**

### **Judges:**

Elizabeth Bauer, Psychology

Adam Brown, Child and Adolescent Mental Health Studies

Barry McCarron, Irish Studies

**ASHLEY DELAVEGA**, Psychology

**KELLY PEDRAZA**, Biology

Predicting Organizational Skills Training Treatment Outcome

**MELODY XU**, Individualized Study

The Developmental of Action Anticipation of Tool Use: EEG and Eye-Tracking

**RIHAB MAHMOOD**, Psychology

Using Implicit Measures to Study Children's Stereotypes about Social Status

**YU TANG**, Economics, Psychology

The Role of Social Class on Abstract Thinking and Performance

**CHLOE CHAN**, Psychology

**DENISE LAU**, Psychology

Development of a Self-Report Measure for Older Children and Adolescents with Selective Mutism

**MAX NEEDLE**, Psychology

The Effect of Collectivist Culture on Empathic Accuracy



## **Group 21**

### **Judges:**

Patrick Egan, Politics

Petter Kolm, Mathematics

Henry Ma, Economics

### **RACHEL BROCKLEHURST, Politics**

Corporate Political Activity and Regulatory Outcomes: The Effect of Political Expenditures on EPA Enforcement Actions

### **HEATHER LITTLE, Economics, Sociology**

Missed Opportunity: Refinancing Behavior in the United States

### **SHIRLEY XUE LI FOO, International Relations, Journalism**

The Provision of Security in Democracies and Non-Democracies

### **JENO JARAMILLO, Business Administration, Borough of Manhattan Community College**

Regional Trade Agreements Contribution to Economic Diversification and Growth in Latin America

### **ALAN GIGI, Economics and Mathematics**

The Effect of Immigration in the Housing Market for Natives

## PANEL PRESENTATIONS

### **Access to the Arts: Displaying, Preserving, Performing, and Interpreting**

Room: 366, Waverly Building

#### **Judges:**

Charlotte Priddle, Division of Libraries

Olga Taxidou, Hellenic Studies

#### **ANNA FILONENKO, Art History**

Synthesis of Arts and Souls: Elena Guro and Mikhail Matiushin.

On the Way from Impressionism to Abstraction

#### **ABBE KLEIN, Art History**

Bruno Taut's *Waldsiedlung*: Realizing a Social Utopia in Weimar Berlin

#### **PORTER YELTON, English and American Literature**

Always Falling: Memory, Collectivity, and Intimacy in

Post-9/11 Literature

#### **VANESSA DANEK, English and American Literature**

Archiving the Ghosts in the Closet: the Comics Project of Alison Bechdel

#### **AMANDA CHOY, Journalism, Media, Culture, and Communications**

Young Lions

#### **ANA LOPES, Global Liberal Studies, Spanish**

Decolonizing Junctures: A Comparative Analysis of Institutional Change at the Museum of Modern Art and El Museo de Arte Latinoamericano de Buenos Aires

## **Bacteria, Viruses, and Immunity**

Room: 369, Waverly Building

### **Judges:**

Nikolai Kirov, Biology

Nathaniel Traaseth, Chemistry

### **HANA HUSIC, Biochemistry**

The Spatial Heterogeneity of Influenza Evolution in the Respiratory Tract

### **MARIA DIMITRIU, Biochemistry**

Probing the Transport Mechanism of the *E. coli* Drug Efflux Pump EmrE

### **SHIRLEY WU, Biology**

High Throughput Profiling of Phage P1 Resistance in *E. coli* Saturated Transposon Mutant Library

### **MAELISS GELAS, Biology**

Hijacking Host's Immune Response to Combat Pancreatic Cancer

### **NINA NAGHSHINEH, Environmental Studies**

Temporally Influenced Inhibitory Effects of *Plethodon cinereus*' Microbial Community against *Batrachochytrium dendrobatidis*

### **SONIA KRUSZELNICKI, Biochemistry**

Increasing Gentamicin Sensitivity in *E. coli* with rRNA Methyltransferase Conferred Resistance

## **Culture and Society I**

Room: 202, 194 Mercer

### **Judges:**

Teresa Feroli, English

Samira Jafour, French

Anna Miller, French

**SOPHIA BAVARO**, Classical Civilization, History

*Lex Sempronia Agraria's Political Origins in the Leges Tabellariae*

**RICHA LAGU**, Metropolitan Studies

Zines as Activist Literature: Community Building through the Printed Word

**MILAD MOHAMMADI**, History, Politics

The Liberal Tradition: Native American Liberalism and the Late British Enlightenment

**MELODY XU**, Individualized Study

Biological Machines: The Role of the Human-Machine Analogy in Early AI Research

**MORGAN SPERRY**, Comparative Literature, Economics

Reading Remuneration: The American Literary Reaction to Industrialization

**ELLEN COOPER**, Comparative Literature, Romance Languages

*Qu'est-ce que c'est une littérature-monde en français?: Theory and Practice of a World Literature in French*

## **Culture and Society II**

Room: C-5, 25 West 4th St.

### **Judges:**

Shara Bailey, Anthropology

Liana Theodoratou, Hellenic Studies

**ANNE CRUZ**, Journalism, Politics

Welcome to the Hellhole: Stories of Mental Illness and Poverty

**CYNTHIA HORIKAWA**, Communicative Sciences and Disorders, Spanish

The Efficacy of Dual-Language Programs for Spanish-Speaking Children with Diagnosed Communication Impairments

**ARYA DIWASE**, Environmental Studies, Journalism

Human-Animal Conflict in India

**DIA BEGGS**, Global Public Health/Anthropology

The Sociocultural Stove: A Study of Cookstove Development in Guatemala

**JUNG KANG**, International Relations

Economic Conditions and Gender Equality on Suicide Rates

**DAKSHAYANI SHANKAR STHIPAM**, French, Journalism

Climate Change in Western Australia: How Dairy and Meat Farmers Tackle the Balancing Act Between Animal Welfare and Profits

### **Culture and Society III**

Room: 125, 7 East 12th St.

#### **Judges:**

Michelle McSwiggan Kelly, Expository Writing

John Moran, French

**YANSHU ZHANG**, Economics, History

Warring with the Nation's Past: The Construction of National Identity in Republican China

**SAMANTHA RIINA**, History

Native Americans, Slavery, and Freedom: Labor on Eastern Long Island from 1650-1850

**MANDI MORALES**, Sociology

Advocating for the Undocumented in Trump's America

**SAVANNAH FITZGERALD-BROWN**, Computer Science, Philosophy

Public Private Partnerships and the Future of Transportation Planning

**ZETONG (JACK) JIA**, Sociology

From Cantonese to Mandarin: Language Shift in Chinatown Manhattan: Its Causes, Potential Impacts, and Associated Uncertainties

**VIRGINIA ZHANG**, Economics, Sociology

To Stay or Migrate? Preferences and Occupational Choice in China's Rural Ethnic Tourism Industry

**Examining the Artist**

Room: 301, Silver Center

**Judges:**

Carol Krinsky, Art History

Sylvia Marks, English

**MARCELO YANEZ**, Art History

Peter Hujar and Affect: The Photograph-as-Photograph

**ALICE CENTAMORE**, Art History

Simone Forti in and out of the 1960s: From Real-Time Constructions to News Animations

**MENGYUE WU**, Art History

The Inconspicuous Propaganda: Pan Tianshou's Paintings in 1950s China

**KATE TELL**, Comparative Literature

To Create and Destroy in a Brave New World: The Entrepreneur in Huxley's *Dystopia*

**ANNA KREIENBERG**, English and American Literature, Psychology

Gwendolyn Brooks as Poet, Teacher, and Reader: Annotation as Praxis

**SONJA LEITE**, English and American Literature

The Cross-Examination of Humbert Humbert: An Analysis of Law, Narrative, and Ethics in Nabokov's *Lolita*

## **Exploring Identity I**

Room: : C-2, 25 West 4th St.

### **Judges:**

Mary Haslam, French

Jini Kim Watson, English

**DANTE LARICCIA**, History, Politics

“Hyphenated Americans”: A Discursive Analysis of the American Rhetoric Surrounding German Immigration and Diaspora, 1850–1918

**JOANNA NISHIMOTO**, East Asian Studies, Journalism

Identity Crisis: America’s Third Culture

**YARA HAMWAY**, Journalism, Middle Eastern Studies

*Taqsim*: Shifting Perceptions of Belly Dancing in Egyptian Culture and Society

**JULIETTE BERANGERE BENEDICTE MAIGNE**, Journalism, Social and Cultural Analysis

*Paris nous aime* (“Paris loves us”): French Rap as National Consciousness

**CLAIRE CHUN**, Politics, Social and Cultural Analysis

Lost in Transnationalism: Korean War Films, Diasporic Identity, and Practices of Remembering as Belonging

**AMARA THOMAS**, Spanish

Diasporic Narrative in Visual Culture: Representations of the Korean-Argentine Experience



## **Exploring Identity II**

Room: 127, 7 East 12th St.

### **Judges:**

Michele Hanks, Expository Writing

William Morgan, Expository Writing

**JOSEPH BLAKELY**, Anthropology, Politics

Becoming Naturalized: Reimagining Queer Interactions with Nature

**CECE CHARENDOFF**, Journalism, Sociology

She Fights

**AVERY McNALLY BONNER**, Applied Psychology, Gender and

Sexuality Studies

Getting Bi in the 21st Century: (Mis)Representation, Identity

Formation, and Self-Concept of Bisexual People on Screen and IRL

**ISABELA ACENAS**, Anthropology, Environmental Studies

First-Generation Filipino-Americans Associating Themselves with

Non-Asian Ethnic Groups

**JANELLE MICAELA SEGARRA PANGANIBAN**, Global Public Health/

Sociology, Public Policy

Cultural Transmission and Navigation of Racial Boundaries among

Filipino-American Families

**Gender Studies: A Global View**

Room: C-9, 25 West 4th St.

**Judges:**

Rebecca Falkoff, Italian Studies

Christina Van Houten, Expository Writing

**ROSE KHAN, History**

A Woman's Place Is in the Revolution: An Analysis of Female Leaders in the Student Non-Violent Coordinating Committee and the Black Panther Party

**NATASHA JOANN MARDACH VERDON, Anthropology**

No Reservations: Gender Performance in Celebrity Chefs

**SOPHIA JEON, Anthropology, Art History**

Performing Cuteness: A Study of Gender Dynamics in the Korean Language

**SAMUEL JAMES ZAWACKI, Italian, Linguistics**

Linguistic Gender and Its Effects on the Non-Binary Person in an Italian Context

**RENATA MATARAZZO, Journalism, Romance Languages**

Being Transgender in Brazil

**BREANNA BYRD, Anthropology, Social and Cultural Analysis**

Aftermath Revisited: The Slum Phenomenon, Postcolonial Urban Initiatives, and Assistance Refusal in Accra

## **Genes, Growth, and Development**

Room: 435, Waverly Building

### **Judges:**

Claude Desplan, Biology

Nataliya Galifianakis, Biology

### **ZOË FRESQUEZ, Biochemistry**

Novel LTR Retrotransposable Element in *Phoenix dactylifera*  
VIRESCENS Gene

### **ALISHA JADHAV, Biology**

Localization of E-Cadherin and N-Cadherin in Zebrafish Lateral Line  
Primordium

### **JOHN SCHEURING, Biology**

Potential Dorsal-Independent Activation of Sna Expression through  
Zelda Protein

### **DIANDRA WILLIAMS, Psychology**

Dosage Compensation Complexes

### **MICHELLE SHI, Biology**

Genetic Screen to Identify Novel Mutations in the Meiotic  
Recombination Pathway

**Global Issues Past and Present I**

Room: : B01, 45 West 4th St.

**Judges:**

Chen Gao, East Asian Studies

James Nolt, International Relations

**HOIYAN LEUNG**, History

The Chinese and Early Nation Building in Cuba (1868-1917)

**YI HU**, Politics, Sociology

Propaganda in China's One-Party Political System

**ISABELLE LORION**, International Relations

Examining Factors Influencing Foreign Direct Investment in China

**MICHAEL LOEDEL**, Latin American Studies, Politics

A Shift toward Pragmatism: Raul Castro and the Reshaping of Cuba's Rationing System

**BENJAMIN MOK**, History

Pebbles in a Lagoon: China's Maritime Foreign Policy and Its Ideological Development

**BETTY WANG**, Politics, Spanish

Tracing Prevalence and Policies: A Study on Human Trafficking

## **Global Issues Past and Present II**

Room: LL-1, Academic Resource Center, 18 Washington Pl.

### **Judges:**

Petter Kolm, Mathematics

Henry Ma, Economics

### **MARINA LISBOA BACHA, Economics**

The Impact of Tax Deductions and Expectations on Donors' Decisions

### **REX HSIEH, Economics and Mathematics**

Children's Human Capital and Intergenerational Mobility

### **SOLANGE FORTENBACH, Environmental Studies, Politics**

Public R&D Expenditure and Chinese Farmer Livelihoods

### **GREGORY FAUERBACH, Economics, Politics**

Opportunity Cost, State Capacity, and the Economic Drivers of Civil Conflict

### **ERICA HOBBY, Economics, Public Policy**

The Intersection of Labor Force Participation and Medicaid Eligibility: A Difference-in-Difference Approach

### **Global Issues Past and Present III**

Room: LL-3, Academic Resource Center, 18 Washington Pl.

#### **Judges:**

Daniel Perkins, Division of Libraries

Alla Roylance, Division of Libraries

**HO YING FELICIA LEUNG**, Philosophy, Social and Cultural Analysis

“Use the Past to Serve the Present, the Foreign to Serve China”:  
Framing Chinese Nationalism through the Image of Blackness

**LARA MANBECK**, History

Reclaiming Time and Space: The Utility of Memory in Twentieth-Century Vietnam

**EDIE JEANNE FREEDMAN**, Social and Cultural Analysis

The Commemoration of 9/11 and Its Impact on the Development of U.S National Memory

**CONNOR LOEVEN**, History

Non-Citizens in the U.S. Armed Forces: Germans and Austrians Serving during World War I and Mexicans Serving during the 1990s

**OLIVIA LE MENESTREL**, History

Dynamics of Citizenship in the French Foreign Legion: The German Experience (1908-1962)

**HONGXUAN YANG**, Economics, History

They Used to be Our Brothers: Beijing’s Decision-Making Process Leading up to the Sino-Vietnamese War of 1979

## **Interpersonal Relationships I**

Room: LL-5, Academic Resource Center, 18 Washington Pl.

### **Judges:**

David Ellis, Expository Writing

Gerard O'Donoghue, Expository Writing

### **DESHANA BARUA, Psychology**

The Association of Categorical Facial Cues with Categorical Overgeneralized Judgments

### **ANA DIGIOVANNI, Psychology**

The Influence of Social Support on Dietary Behavior and Progress: A Longitudinal Look

### **ELISABETH ANDREEFF, Psychology**

The Effect of Social Group Identification on Understanding Case Facts in a Legal Context

### **RITA FU, Economics, Sociology**

Awkward Silence in Intimate Interracial and Cross-Class Interactions: Understanding the Absence of Communication Between Patrons and Workers in NYC's Chinese-Owned Nail Salons

### **EUGENIA TANG YING XIN, Sociology**

"We're All Aging Alone": Finding Structure, Belonging and a Second Family in Senior Centers

## **Interpersonal Relationships II**

Room: 402, Silver Center

### **Judges:**

Patrick Shrout, Psychology

Madeleine Stein, Expository Writing

**YI ZHANG**, Philosophy, Psychology

Social Identity Shapes Perception of In-Group and Out-Group Bias  
between Racial and Political Contexts

**CHLOE CHAN**, Psychology

Physiological Linkage in Dyadic Cross-Cultural Communications

**SIMONE VANTAYLOR**, Psychology

Group Identification and the Role of Neural Synchrony in  
Collective Performance

**MINA MATHUR**, Politics, Psychology

Performance of Women of Color in Negotiations



## **Issues in Law, Justice, and Government I**

Room: 101, Rubin Hall, 35 5th Ave.

### **Judges:**

Fan Ny Shum, Mathematics

Muserref Yetim, International Relations

**ANDRES RABELLINO**, Economics, International Relations

Electoral Punishment in a Connected Brazil

**BHAVINI KAKANI**, International Relations

Globalization and the Alt-Right: Tracking the Rise in Support for the Alternative for Germany due to International Trade

**MANPREET KAUR**, Politics

Do Female Political Leaders Encourage Other Women to Run for Office? Evidence from United States State Legislatures

**ANAIS GOMEZ**, Politics

Voting Behavior and Patterns Post-*Shelby County v. Holder*

**MARISSA ADLER**, Politics

Voter Behavior Survey Experiment: Economic Anxiety vs. Xenophobia

NATALINA SCHAPPACH, International Relations

Crime and Immigrant Education: An Exploration in UK Police Force Areas

## **Issues in Law, Justice, and Government II**

Room: 102, Rubin Hall, 35 5th Ave.

### **Judges:**

Christopher Dawes, Politics

Marc Lieberman, Economics

### **INES AJIMI, Economics, Politics**

Term Limits, Political Business Cycles, and Office Tenure:  
U.S., 2004-2015

### **KATHLEEN SHEA, International Relations**

Political Representation and Crimes Against Women:  
A Case Study of India's Vidhan Sabhas

### **XAN RICHARD NORTHCOTT, Politics**

Why Elections Fail: Exploring the Limitations of Election Monitoring  
and Democracy Promotion

### **MADELEINE CUSSAC, Politics**

Voter Rationality and Economic Shocks

### **JOHN PAUL BARATTA, Politics**

Employment, Health Care, and the 2016 Election

### **ALAINA HAWORTH, Public Policy**

Registration and Participation: The Impact of Opt-Out Automatic  
Voter Registration in Oregon

## **Issues in Law, Justice, and Government III**

Room: LL 1.43, Bobst Library

### **Judges:**

Vindya Bhat, Mathematics

Bryan Rosendorff, Politics

**MEGAN DAVIS**, Environmental Studies, Studio Art

Limitations in the Production of Marine Bivalve Aquaculture

**JAMES SABIA**, Politics

How Police Stops Affect Voter Turnout Rates in the 2012 and 2016  
Presidential Elections: An Instrumental Variable Approach

**IGLIKA GREBENAROVA**, International Relations

European Enlargement and Its Effects on the Efficiency of the  
European Union

**HARSHIL MEHTA**, Politics

Neighborhood Effects on 911 Call Priority in Baltimore, MD

**PAUL PRENTICE**, Politics

Formulaic Funding: Is the Community Development Block Grant  
Influenced by Mayoral-Presidential Alignment?

**SOPHIE KENNEDY**, Environmental Studies

The Impact of Diver User Fees and Management on Marine  
Protected Area Conservation

## **Issues in Law, Justice, and Government IV**

Room: 110, Rubin Hall, 35 5th Ave.

### **Judges:**

David Kanter, Environmental Studies

Karl Storchmann, Economics

### **MORGAN MURPHY, Anthropology**

Organic Undermined: How Regulation, Standardization, and Corporations Manipulate Organic in the U.S.

### **NATASHA HAYDEE BRUNSTEIN, Economics**

California ZEV Regulation and Air Quality Outcomes

### **NARAYAN KOVIL, Environmental Studies**

A New Approach to Reduce Increasing Chromium Pollution by Tanneries

### **FAHINA CHOWDHURY, International Relations**

A Bit of an Obstacle in Governance? Examining the Relationship Between Bilateral Investment Treaties and Regulatory Chill in Tobacco Control

### **MENGZHOU (MELODY) FU, Politics**

The Power of Being Watched: A Cross-National Study of the Effect of Government Controlled Transparency on Curbing Corruption

### **ANNA RUIZ, Politics**

The Effect of Targeted Regulations on Abortion Providers (TRAP) Laws on Public Opinion towards Abortion

**Issues in Linguistics**

Room: 103, Rubin Hall, 35 5th Ave.

**Judges:**

Irina Belodedova, Russian and Slavic Studies

Lisa Davidson, Linguistics

Stephanie Harves, Linguistics

**JILLIAN HARPER, Linguistics**

The Development of a Transitive Have: Shughni Possessive Constructions

**MARIA TIERNEY, Linguistics**

A Syntactic Analysis of Negation in Latin: Negated Quantifier Phrases

**GRETCHEN GO, Communicative Sciences and Disorders**

Using Perceptual Training to Change the Production of Non-Native Speech Sounds

**WESLEY LEONG, Neural Science**

Sociolinguistic Factors Influencing Tense Variation in Singapore English

## Literature Through the Ages

Room: 110, 60 5th Ave.

### Judges:

Jonathan Cayer, French

Courtney Chatellier, Expository Writing

Andrea Dortmann, German

### CLARA SI, Biochemistry, Classical Civilization

A How-To Guide for Roman Gentlemen: Investigating A. Cornelius Celsus and *De Medicina* in a Medical Context and Beyond

### AUDREY DENG, Comparative Literature

*Où sont les toilettes?* Examining the Bathroom in Postwar French Literature

### SU YOUNG LEE, English and American Literature

The Female Construction of a National Subject(lessness) in the Autobiographical Works *Dicteé* by Theresa Hak Kyung Cha and *The Woman Warrior* by Maxine Hong Kingston

### RUSHABH SHAH, English and American Literature

Reading in Three-Dimensions: Narrative Kinetics through *Hamlet*

### CATIE KARTJE, English and American Literature

Sharing an Authorial Presence: The Spectrality of Meaning-Making in *The Turn of the Screw*

### ELLIE SIMMONS, English and American Literature

The Post-Colonial Ecology of Elizabeth Bowen's *The Last September* and *A World of Love*

### SIM WEE ONG, English and American Literature

"Can it Be Sin to Know?": Satanic Questions in *Paradise Lost*

**Mathematics and Modeling in Understanding of the Physical World**

Room: LL 1.45, Bobst Library

**Judges:**

Frank Moscatelli, Physics

Gleb Pogudin, Computer Science

**BRYANT CURTO**, Computer Science, Mathematics

Ghosting ASLR: A Spectre Extension

**ZHENGXU LI**, Computer Science and Mathematics

Numerical Methods of Black-Scholes

**SANCHIT CHATURVEDI**, Mathematics

Is Killing Cyclotron Motion Murder?

**AKSHUNNA DOGRA**, Mathematics, Physics

Symbolic Complexity of Discrete Sets

**JOSEPH CORRADO**, Mathematics, Physics

**DONALD PIERCE**, Mathematics, Physics

A Study of Efficiency of Combined Missing Transverse Momentum Algorithms at the LHC

## **Molecules and Materials I**

Room: 566B, Waverly Building

### **Judges:**

Michael Ward, Chemistry

Keith Woerpel, Chemistry

**CHAPPEL SHARROCK**, Chemistry/Chemical and Biomolecular Engineering

Depolarized Light Scattering from a PS-PEO Diblock Copolymer Using Elliptically Polarized Light

**ZAEEM NAZIR**, Biochemistry

Mechanism of Inflation for Colloidal Microcapsules

**ROBERT TSENG**, Biochemistry

Face-Specific Targeting of DNA Tensegrity Triangle Crystals

**SANDY OH**, Chemistry

Study of Chemical Optimization of HBS-Stabilized  $\beta$ -Hairpins

**RHEA-DONNA REYES**, Chemistry/Chemical and Biomolecular Engineering

Nuclear Magnetic Resonance (NMR) Studies of a Multiferroic Dimethylammonium Manganese Formate Phase Transition



## **Molecules and Materials II**

Room: 500, Silver Center

### **Judges:**

Paramjit Arora, Chemistry

Malgorzata Mandziuk, Chemistry

**SALAH ELDEIN ELKATTAWY**, Biochemistry

Molecular Mechanism of Feedback Regulation by RNase

**OLIVIA CULLEN**, Chemistry

Shell Cross-linked Micelles (SCM)s as Nanoreactors for  
Enantioselective Tandem Catalysis

**SAMANTHA JENSEN**, Chemistry

Augmenting and Streamlining Cavity Size for DNA  
Crystalline Lattices

**MATT ZHAO**, Chemistry

Self-Assembling 3D DNA Lattices for the Organization of  
Guest Molecules

**YAE LIN CABA**, Global Public Health/Chemistry

Light-Driven Micro-Swimmers

## **Molecules of Living Systems**

Room: 515, Silver Center

### **Judges:**

Patrick Eichenberger, Biology

Dubravko Sabo, Chemistry

**LIBUSE JANSKA**, Biology

The Raw Material of Evolution

**VINCENT ZHENG**, Chemistry/Chemical and Biomolecular Engineering

The Relationship between the Rate Constant of the RecQ Helicase and Nucleotide Excision Repair Efficiency

**IAN COSSENTINO**, Neural Science

Bidirectional Regulation of Sleep and the Unfolded Protein Response in *Drosophila melanogaster*

**ANDREW WANG**, Neural Science

The Role of Cyclin D1 in the DNA Damage Response Complex

**VENKATA CHALUVADI**, Neural Science

Sphingosine-1-Phosphate in Lymphoid and Non-Lymphoid Tissue

**Music: Tradition Meets Innovation**

Room: 104, Rubin Hall, 35 5th Ave.

**Judges:**

Jennifer Cayer, Expository Writing

Guy Ortolano, History

**KEELY QUINLAN**, English and American Literature, Journalism

Music as Movement: Riot Grrrl and Reclaiming Punk for Women

**KAVI WIJAYARATNE**, Language and Mind

Tabla in New York City: The Secret Sound and Language of Tabla  
Mastery

**JUSTIN SMITH**, Journalism, Music

Original Song: The Intricacies of Making a Hit

**VISHNU BACHANI**, Mathematics, Music

Latent Possibilities of the Tonal System: The Structure and Historical  
Usage of Tonality

**Neural Science I**

Room: 101 Jurow Hall, Silver Center

**Judges:**

Robert Froemke, Neural Science

Dmitry Rinberg, Neural Science

**WESLEY LEONG**, Neural Science

Characterizing the Role of the Cerebellum in Time Perception

**EMMA THEISEN**, Neural Science

Infant Rat Cortical Oscillations during Maltreatment from the Mother

**LEA WU**, Neural Science

Reinforcement Sensitivity and Analytical Style underlie Individual Differences in Risk Attitudes across the Gain and Loss Domains of Decision-Making

**HONGFEI ZHAO**, Neural Science

Effects of Adaptive Stimuli on Visual Texture Discrimination

**OLGA ZHURAKIVSKA**, Neural Science

Perceptual Decision-Making in Individuals with Amblyopia

**LUCIA FLORENCIA DUENAS-BIANCHI**, Global Public Health/Chemistry

Somatosensory Innervation of the Oral Mucosa and Pharynx of Adult and Aging Mice

## **Neural Science II**

Room: 412, Silver Center

### **Judges:**

Margarita Kaplow, Neural Science

Lynne Kiorpes, Neural Science

### **TEJAS SAWANT, Neural Science**

Analysis of White Matter Integrity in the Shank3 Deficient Rat Model of Autism Using Magnetic Resonance Imaging (MRI)

### **KAYLA YING YAN LIM, Neural Science, Psychology**

Early Life Abuse Alters GABAergic Synaptic Contacts in the Basolateral Amygdala of Juvenile Rats in a Sexually Dimorphic Manner

### **JOD QUEEN CABILATAZAN PRADO, Neural Science**

Low-Grade Astrocytoma Model Shows a Fundamental Gliomagenesis Mechanism

### **WILL REDMAN, Mathematics, Physics**

Place Cells as an Emergent Property of a Plastic, Multi-Layer Neural Network

### **SACHA MCELLIGOTT, Neural Science**

Secernin-1 is a Novel Protein Involved in Alzheimer's Disease

### **MARGISH RAMANI, Neural Science**

Stimulation of Innate Immunity via TLR9 to Ameliorate Cerebral Amyloid Angiopathy in Aged Non-Human Primates

**New York City: Longstanding Challenges and Dynamic Change**

Room: 125, 60 5th Ave.

**Judges:**

Alvaro Olsen, Computer Science

James Morgan, Architecture and Urban Design

Jonathan Ritter, Architecture and Urban Design

**ARYN AIKEN**, Environmental Studies

Measuring Zero Waste Success

**NICOLAS GARCIA**, Environmental Studies, Public Policy

New York City's Citibike: Effects of the Bike-Sharing System on Pollution

**MELODY CHAN**, Journalism, Politics

Averting Natural Disaster in New York's Island Community

**JAKE GOLVIN**, Metropolitan Studies

New York City Affordable Housing: Degrading Public Housing and Perpetuating Social Inequality

**KATIE LANPHERE**, Politics

How Does the Changing School Landscape Affect Crime in New York City?

**JANVE SOBERS**, Politics

How High-Income Communities Receive More Effective and Efficient Service from Municipally Managed Public Services: Evidence from New York City 311 Call Data

**Philosophical Thought**

Room: 250, 60 5th Ave.

**Judges:**

Lourdes Davila, Spanish and Portuguese Languages and Literatures  
W. Gerald Heverly, Division of Libraries

**KATERINA JENNINGS**, Philosophy  
Consequentialism, and the Best Method for Its Implementation

**MARK SOLOGUREN**, Comparative Literature  
Love and Unknowing in St. John of the Cross

**FIRDAUS GUPTE**, Philosophy  
Kant and Ramen: Expanding the Moral Domain of the Categorical Imperative

**CHANGLIN LI**, Philosophy  
A Survey of the B Axiom

**ATUL SATIJA**, Philosophy  
Ethical Disagreement

**MIDA CHU**, Philosophy  
180 Degree Rule in the Semantic Perspective

**JACK BURLING NEBE**, Philosophy, Politics  
What Is Owed: A Closer Look at Herero/Nama Reparation Claims in Namibia

**Psychology: Human Behavior and Perception I**

Room: 207, 194 Mercer

**Judges:**

Bruce Bromley, Expository Writing

Yaacov Trope, Psychology

**HANNAH BORENSTEIN**, Art History, Psychology

Falling Like a Baby: High Frequency, Low Severity, and Little Evidence of Learning

**DARYL OCAMPO**, Individualized Study

Diversity-Based Reasoning in Children's Induction about Animal Categories

**NINO KHVEDELIANI**, Philosophy, Psychology

Children's Conception of Ability

**HANNAH LOUISE GRASSIE**, Psychology

The Developmental Trajectory of Risk Taking: The Role of Asymmetric Learning Rates

**AFIA BONSU**, Psychology

**KARINA ESTEVEZ**, Psychology

**JOSEPH KIM**, Psychology

**FRANCINE SHAMOSH**, Psychology

Metamotivational Knowledge and Successful Goal Pursuit

**CATHERINE TRAD**, Psychology

Measuring Theory of Mind on the Autism Spectrum



**Psychology: Human Behavior and Perception II**

Room: 306, 194 Mercer

**Judges:**

Adam Brown, Child and Adolescent Mental Health Studies

Marjorie McMenemy, Psychology

**JEFFREY KANG**, Economics, Psychology

Decisions, Decisions: Investigating Risky Decision-Making Characteristics

**AARON JACK LEBENS**, Psychology

How Traits Affect People's Judgments of Faces' Genders

**TAZMIN RAHMAN**, Psychology

Preferences for Primate Faces in Infancy

**SHERYL ZHANG**, Psychology

How Construal Regulates the Incorporation of Secondary Information in Social Judgment

**HANNAH BORENSTEIN**, Art History, Psychology

A Toy's Story: Exploration, Discovery, Implementation, and Construction

**Psychology: Human Behavior and Perception III**

Room: LL 1.47, Bobst Library

**Judges:**

Christina Di Bartolo, Child and Adolescent Mental Health Studies

John Halpin, Chemistry

**ANNA BALCHUNAS**, Psychology

The Effects of Moral Construal on Volunteer Commitment

**KAROLINA KATSNELSON**, Psychology

Application of the Complex Systems-Causal Network Method to the Complex Etiology of Substance Abuse

**KAAJAL SAGAR**, Psychology

The Development of Race-Based Economic Decision Making

**MADHUMITHA MANIVANNAN**, Psychology

Comparative Effects of Construal-Manipulated Gain-Framed and Loss-Framed Messages on Motivation to Engage in Physical Activity

**AMIRA DESIR**, Psychology

The Impact of Demographics on Children's Sexist Beliefs

## **Social Concerns in Health Care I**

Room: 106, Rubin Hall, 35 5th Ave.

### **Judges:**

Elayne Oliphant, Anthropology

David Cregar, Expository Writing

### **PARTH PATEL, Anthropology**

Navigators of Mental Healthcare: Remaking of Peer Specialists in Harlem's Community Clinics

### **YASMINE MAKKIYAH, Global Public Health/Anthropology**

Water Security Challenges in Jordan and the Implications on the Health of Syrian Refugees

### **CHRISTINA BEROS, Global Public Health/History**

From Making Ends Meet to Maslow's Hierarchy of Needs: Exploring the Social Determinants of Health in America

### **JOSHUA QUACH, Global Public Health/Sociology**

Health Care Experiences of Men Who Have Sex with Men: Understanding Trauma, Patient-Provider Relationships, and the Lasting Impacts of the AIDS Crisis

### **JUMOKE OPEYEMI, Global Public Health/Sociology**

A Qualitative Study Analyzing Risk Factors for Maternal Mortality in Rural Areas of Lagos

### **DANIEL PAI, Social and Cultural Analysis**

Combating a Culture of Shame and Stigma: Chinese American Christian Churches and Their Perceptions of Mental Health and Illness

## **Social Concerns in Health Care II**

Room: LL 1.39, Bobst Library

### **Judges:**

Betts Brown, Social and Cultural Analysis

Antoine Cerfon, Mathematics

Leah Souffrant, Expository Writing

**RYAN LAMRANI**, Global Public Health/Chemistry

Supplemental Nutrition Assistance Program (SNAP) Participation and Metabolic Syndrome

**SEMHRAN THAMER**, Global Public Health/Chemistry

**AMANDA TIEW**, English and American Literature

Understanding the Experiences of Accessing Safe Abortion in Malaysia

**JOSHUA ARSHONSKY**, Global Public Health/Anthropology

Untangling Ignorance in the Sugary Beverage Taxation Movement

**UDIT MODI**, Global Public Health/Chemistry

Utilizing Twitter to Analyze Sugar-Sweetened-Beverage Companies Advertising Content and Their Followers

**JORDAN LIAN**, International Relations, Russian

Reexamining the Effect of Income Inequality on Adult Obesity Prevalence

**ANDREW PENNER**, Sociology

A Geographic Analysis of the Socioeconomic Factors Influencing Obesity in the United States

## **Spanish and Latin American Literature and Culture**

Room: 107, Rubin Hall, 35 5th Ave.

### **Judges:**

Gabriela Constantin-Dureci, Spanish and Portuguese Languages and Literatures

Sibylle Fischer, Spanish and Portuguese Languages and Literatures

Esther Truzman, Expository Writing

### **ZACH LEWIS**, Comparative Literature

History that Hurts: Narrative Break-Down and the Limits of Representation in Roberto Bolaño's *2666*

### **DARIA BERMAN**, English and American Literature, History

The Poetics of the Spanish Inquisition

### **JAVIER PORRAS MADERO**, Economics, Latin American Studies

Women in *Zapatismo*, 1994 to Present

### **MARITZA RICO**, Latin American Studies

*Feminismos en la Frontera*

### **VICTORIA AYLIN RODRIGUEZ**, Economics, Mathematics

Mariology in Mexico: Popular Perceptions of Our Lady of Guadalupe in Monterrey

### **NOAH BIERBRIER**, Romance Languages

Kinship without Cause: Queer Families in Copi's *La guerra de las mariconas*, *Las escaleras del Sacré Coeur*, and *La ciudad de las ratas*

**The Economic Marker: Productivity, Prices, and Profits**

Room: 669, Waverly Building

**Judges:**

Nathaniel Beck, Politics

Joseph Cerniglia, Mathematics

**EDOARDO PISONI**, Economics

The Bitcoin Bubble: Is There One and How Can We Tell

**FILIP KLEIN**, Economics and Mathematics

Effects of Time of Use and Critical Peak Electricity Pricing on Household Appliance Usage

**EMILY TERMOTTO**, International Relations

What Determines Microfinance Success?

**DAPHNE SCHERMER**, International Relations

Costly Shadows: The Role of Cashless Payments in Shrinking the Underground Economy

**RAGHAV SARAOGI**, Finance, Statistics

Borrower Characteristics and Credit Supply Expansion in the U.S. Residential Mortgage Market: Evidence from 2010-2015

**GRAHAM STREICH**, Economics, Politics

The Effect of Economic Uncertainty on the Extremeness of Candidates' Platforms (Exploratory Research)

## **The Politics and Economics of Education**

Room: 108, Rubin Hall, 35 5th Ave.

### **Judges:**

Christine Harrington, Politics

Trace Jordan, College Core Curriculum

### **YOUSAF SHAKIL, Social and Cultural Analysis**

Examining the Effects of Explicit Affirmative Action Programs on Students of Color at Elite Universities

### **JULIA PARANYUK, Politics**

Effect of Police Stops on Graduation Rates in NYC: A Differences in Differences Analysis

### **TARA KARKI, Economics**

School Choice and Truth Telling

### **BEN TICE, Politics**

Voter Registration, Convenience Costs, and Social Networks for College Students

### **OANA DANIELA DUMITRU, Psychology**

The Effects of Goal Conflict in Student-Tutor Interactions

## **The Urban Divide**

Room: 569, Waverly Building

### **Judges:**

Mosette Broderick, Art History

Jean-Claude Franchitti, Computer Science

Tara Parmiter, Expository Writing

**CIN YEE SELINA CHEAH**, Journalism, Urban Design and  
Architecture Studies

Friction Zones: A Case Study in Boston's Seaport District

**MICHAEL BEARMAN**, Sociology

**SONGZHI WU**, Sociology

Persistence of Racial Hierarchies in Urban Neighborhoods

**SABRINA SANTOS**, Environmental Studies, Urban Design and  
Architecture Studies

Linking Urban Green Infrastructure and Gentrification

**MATHILDE VAN TULDER**, Global Liberal Studies, Urban Design and  
Architecture Studies

From Conflict Zones to Contact Zones: 21st Century Built Heritage in  
Mostar and Berlin

**JUAN MIGONE**, Urban Design and Architecture Studies

The Political Economy of Lima, Peru's Urban Development:  
Independence to Present Day

**HANNAH SHULMAN**, Metropolitan Studies

Destroy What Destroys You: Squatting in New York City and Berlin



## **Closing Ceremony**

Hemmerdinger Hall  
1st floor Silver Center, 3PM

### **Welcome**

Gene Andrew Jarrett  
*Seryl Kushner Dean of the College of Arts and Science  
and Professor of English*

### **Faculty Lecture**

Introduction  
Ada Ferrer  
*Professor of History and Latin American and Caribbean Studies,  
Faculty Director of Undergraduate Research*

### **Lecture**

“On Research: Rhythm and Labyrinth”  
Jini Kim Watson  
*Associate Professor of English  
Department of English*

### **Presentation of Awards**

Richard J. Kalb, *Associate Dean for Students*  
Best in Panels

Joel Ward, *Assistant Dean for Students*  
Best in Posters

# CAS DEPARTMENTAL UNDERGRADUATE RESEARCH EVENTS

## **Anthropology**

Undergraduate Thesis Symposium  
Thursday, April 19  
25 Waverly Place

## **Classics**

Honors Thesis Presentations  
Friday, May 4, 1:00pm  
Silver Center, Room 503A

## **Comparative Literature**

Empty Nest: Honors Thesis  
Presentations  
Monday, April 23, 11:00AM-5:00PM  
Deutsches Haus,  
42 Washington Mews

## **Creative Writing**

Creative Writing Track Capstone  
Reading  
Friday, May 4, 4:30PM  
244 Greene St, Room 106

## **NYU Creative Writing Program**

**Undergraduate Reading**  
Friday, May 4, 7:00PM-9:00PM  
Lillian Vernon Creative Writers House,  
58 West 10th Street

## **English**

English Honors Thesis Jamboree  
Friday, April 20, 12:30PM-5:00PM  
244 Greene Street

## **Environmental Studies**

Final Capstone Presentations  
Monday, May 7, 5:00PM-7:00PM  
Silver Center, Room 408

## **History**

Honors Colloquium and Graduation  
Reception  
Friday, May 11, 1:00PM-4:00PM  
King Juan Carlos I of Spain Center, First  
Floor

## **Italian**

Undergraduate Research Conference  
Friday, April 13, 9:00AM- 3:30PM  
Casa Italiana Auditorium,  
24 West 12th Street

## **Middle Eastern and Islamic Studies**

Honors Thesis Presentations  
Tuesday, April 24, 12:30PM -2:00PM  
Ettinghausen Library,  
Kevorkian Center

## **Center for Neural Science**

Undergraduate Research Festival  
Friday, April 27, 5-7PM  
Kimball Hall, 246 Green Street

## PUBLICATIONS

**ANTROPOLOGIA** (Anthropology)

<http://anthropology.as.nyu.edu/object/anthro.undergrad.publicationopps>

**ESFERAS** (Spanish and Portuguese)

<https://esferasnyu.com/>

**INK AND IMAGE** (Art History)

<http://nyuarthistory.wordpress.com/category/ink-and-image/>

**MERCER STREET** (Expository Writing)

<http://ewp.cas.nyu.edu/page/publications>

**SHOE LEATHER: REPORTED STORIES** (Journalism)

<http://www.shoeleathermagazine.com/>

**THE HISTORIAN** (History)

<http://history.fas.nyu.edu/object/TheHistorian.html>

**THE JOURNAL OF POLITICS AND INTERNATIONAL AFFAIRS**

(Politics/International Affairs)

<http://www.jpianyu.org/>

**WEST 10TH** (Creative Writing)

<http://cwp.as.nyu.edu/object/cwp.west10th>

## APPENDIX OF PANEL PRESENTATIONS

*The following list indicates the assigned panel for each panel presenter. Please refer to the Table of Contents to locate each panel in the Program.*

**Acenas, Isabela,** Exploring Identity II

**Adler, Marissa,** Issues in Law, Justice, and Government I

**Aiken, Aryn,** New York City: Longstanding Challenges and Dynamic Change

**Ajimi, Ines,** Issues in Law, Justice, and Government II

**Andreeff, Elisabeth,** Interpersonal Relationships I

**Arshonsky, Joshua,** Social Concerns in Health Care II

**Bachani, Vishnu,** Music: Tradition Meets Innovation

**Balchunas, Anna,** Psychology: Human Behavior and Perception III

**Baratta, John Paul,** Issues in Law, Justice, and Government II

**Barua, Deshana,** Interpersonal Relationships I

**Bavaro, Sophia,** Culture and Society I

**Bearman, Michael,** The Urban Divide

**Beggs, Dia,** Culture and Society II

**Berman, Daria,** Spanish and Latin American Literature and Culture

**Beros, Christina,** Social Concerns in Health Care I

**Bierbrier, Noah,** Spanish and Latin American Literature and Culture

**Blakely, Joseph,** Exploring Identity II

**Bonner, Avery McNally,** Exploring Identity II

**Bonsu, Afia,** Psychology: Human Behavior and Perception I

**Borenstein, Hannah,** Psychology: Human Behavior and Perception I

**Borenstein, Hannah,** Psychology: Human Behavior and Perception II

**Brunstein, Natasha Haydee,** Issues in Law, Justice, and Government III

**Byrd, Breanna,** Gender Studies: A Global View

**Caba, Yaelin,** Molecules and Materials II

**Centamore, Alice,** Examining the Artist

**Chaluvadi, Venkata,** Molecules of Living Systems

**Chan, Chloe,** Interpersonal Relationships II

**Chan, Melody,** New York City: Longstanding Challenges and Dynamic Change

**Charendoff, Cece,** Exploring Identity II

**Chaturvedi, Sanchit,** Mathematics and Modeling in Understanding of the Physical World

**Cheah, Cin Yee Selina,** The Urban Divide

**Chowdhury, Fahina,** Issues in Law, Justice, and Government III

**Choy, Amanda,** Access to the Arts: Displaying, Preserving, Performing, and Interpreting

**Chu, Mida,** Philosophical Thought

**Chun, Claire,** Exploring Identity I

**Cooper, Ellen,** Culture and Society I

**Corrado, Joseph,** Mathematics and Modeling in Understanding of the Physical World

**Cossentino, Ian,** Molecules of Living Systems

**Cruz, Anne,** Culture and Society II

**Cullen, Olivia,** Molecules and Materials II

**Curto, Bryant,** Mathematics and Modeling in Understanding of the Physical World

**Cussac, Madeleine,** Issues in Law, Justice, and Government II

**Danek, Vanessa,** Access to the Arts: Displaying, Preserving, Performing, and Interpreting

**Davis, Megan,** Issues in Law, Justice, and Government III

**Deng, Audrey,** Literature Through the Ages

**Desir, Amira,** Psychology: Human Behavior and Perception III

**DiGiovanni, Ana,** Interpersonal Relationships I

**Dimitriu, Maria,** Bacteria, Viruses, and Immunity

**DIWASE, ARYA,** Culture and Society II

**DOGRA, AKSHUNNA,** Mathematics and Modeling in Understanding of the Physical World

**Duenas-Bianchi, Lucia Florencia,** Neural Science I

**Dumitru, Oana Daniela,** The Politics and Economics of Education

**Elkattawy, Salah Eldein,** Molecules and Materials II

**Estevez, Karina,** Psychology: Human Behavior and Perception I

**Fauerbach, Gregory,** Global Issues Past and Present II

**Filonenko, Anna,** Access to the Arts: Displaying, Preserving, Performing, and Interpreting

**Fitzgerald-Brown,** Savannah, Culture and Society III

- Fortenbach, Solange**, Global Issues Past and Present II
- Freedman, Edie Jeanne**, Global Issues Past and Present III
- Fresquez, Zoë**, Genes, Growth, and Development
- Fu, Mengzhou (Melody)**, Issues in Law, Justice, and Government IIII
- Fu, Rita**, Interpersonal Relationships I
- Garcia, Nicolas**, New York City: Longstanding Challenges and Dynamic Change
- Gelas, Maeliss**, Bacteria, Viruses, and Immunity
- Go, Gretchen**, Issues in Linguistics
- Golvin, Jake**, New York City: Longstanding Challenges and Dynamic Change
- Gomez, Anais**, Issues in Law, Justice, and Government I
- Grassie, Hannah Louise**, Psychology: Human Behavior and Perception I
- Grebenarova, Iglıka**, Issues in Law, Justice, and Government III
- Gupte, Firdaus**, Philosophical Thought
- Hamway, Yara**, Exploring Identity I
- Harper, Jillian**, Issues in Linguistics
- Haworth, Alaina**, Issues in Law, Justice, and Government II
- Hobby, Erica**, Global Issues Past and Present II
- Horikawa, Cynthia**, Culture and Society II
- Hsieh, Rex**, Global Issues Past and Present II
- Hu, Yi**, Global Issues Past and Present I
- Husic, Hana**, Bacteria, Viruses, and Immunity
- Jadhav, Alisha**, Genes, Growth, and Development
- Janska, Libuse**, Molecules of Living Systems
- Jennings, Katerina**, Philosophical Thought
- Jensen, Samantha**, Molecules and Materials II
- Jeon, Sophia**, Gender Studies: A Global View
- Jia, Zetong (Jack)**, Culture and Society III
- Kakani, Bhavini**, Issues in Law, Justice, and Government I
- Kang, Jeffrey**, Psychology: Human Behavior and Perception II
- Kang, Jung**, Culture and Society II
- Karki, Tara**, The Politics and Economics of Education
- Kartje, Catie**, Literature Through the Ages
- Katsnelson, Karolina**, Psychology: Human Behavior and Perception III
- Kaur, Manpreet**, Issues in Law, Justice, and Government I
- Kennedy, Sophie**, Issues in Law, Justice, and Government III
- Khan, Rose**, Gender Studies: A Global View
- Khvedeliani, Nino**, Psychology: Human Behavior and Perception I
- Kim, Joseph**, Psychology: Human Behavior and Perception I
- Klein, Abbe**, Access to the Arts: Displaying, Preserving, Performing, and Interpreting
- Klein, Filip**, The Economic Marker: Productivity, Prices, and Profits
- Kovil, Narayan**, Issues in Law, Justice, and Government IIII
- Kreienberg, Anna**, Examining the Artist
- Kruszelnicki, Sonia**, Bacteria, Viruses, and Immunity
- Lagu, Richa**, Culture and Society I
- Lamrani, Ryan**, Social Concerns in Health Care II
- Langphere, Katie**, New York City: Longstanding Challenges and Dynamic Change
- Lariccia, Dante**, Exploring Identity I
- Le Menestrel, Olivia**, Global Issues Past and Present III
- Lebens, Aaron Jack**, Psychology: Human Behavior and Perception II
- Lee, Su Young**, Literature Through the Ages
- Leite, Sonja**, Examining the Artist
- Leong, Wesley**, Issues in Linguistics
- Leong, Wesley**, Neural Science I
- Leung, Ho Ying Felicia**, Global Issues Past and Present III
- Leung, Hoian**, Global Issues Past and Present I
- Lewis, Zach**, Spanish and Latin American Literature and Culture
- Li, Changlin**, Philosophical Thought
- Li, Zhengxu**, Mathematics and Modeling in Understanding of the Physical World
- Lian, Jordan**, Social Concerns in Health Care II
- Lim, Kayla Ying Yan**, Neural Science II
- Lisboa Bacha, Marina**, Global Issues Past and Present II
- Loedel, Michael**, Global Issues Past and Present I
- Lieven, Connor**, Global Issues Past and Present III

**Lopes, Ana**, Access to the Arts: Displaying, Preserving, Performing, and Interpreting

**Lorion, Isabelle**, Global Issues Past and Present I

**Maigne, Juliette Berangere Benedicte**, Exploring Identity I

**Makkiyah, Yasmine**, Social Concerns in Health Care I

**Manbeck, Lara**, Global Issues Past and Present III

**Manivannan, Madhumitha**, Psychology: Human Behavior and Perception III

**Mardach Verdon, Natasha Joann**, Gender Studies: A Global View

**Matarazzo, Renata**, Gender Studies: A Global View

**Mathur, Mina**, Interpersonal Relationships II

**McElligott, Sacha**, Neural Science II

**Mehta, Harshil**, Issues in Law, Justice, and Government III

**Migone, Juan**, The Urban Divide

**Modi, Udit**, Social Concerns in Health Care II

**Mohammadi, Milad**, Culture and Society I

**Mok, Benjamin**, Global Issues Past and Present I

**Morales, Mandi**, Culture and Society III

**Murphy, Morgan**, Issues in Law, Justice, and Government III

**Naghshineh, Nina**, Bacteria, Viruses, and Immunity

**Nazir, Zaem**, Molecules and Materials I

**Nebe, Jack Burling**, Philosophical Thought

**Nishimoto, Joanna**, Exploring Identity I

**Northcott, Xan Richard**, Issues in Law, Justice, and Government II

**Ocampo, Daryl**, Psychology: Human Behavior and Perception I

**Oh, Sandy**, Molecules and Materials I

**Ong, Sim Wee**, Literature Through the Ages

**Opeyemi, Jumoke**, Social Concerns in Health Care I

**Pai, Daniel**, Social Concerns in Health Care I

**Panganiban, Janelle Micaela Segarra**, Exploring Identity II

**Paranyuk, Julia**, The Politics and Economics of Education

**Patel, Parth**, Social Concerns in Health Care I

**Penner, Andrew**, Social Concerns in Health Care II

**Pierce, Donald**, Mathematics and Modeling in Understanding of the Physical World

**Pisoni, Edoardo Miles**, The Economic Marker: Productivity, Prices, and Profits

**Porras Madero, Javier**, Spanish and Latin American Literature and Culture

**Prado, Jod Queen Cabilatazan**, Neural Science II

**Prentice, Paul**, Issues in Law, Justice, and Government III

**Quach, Joshua**, Social Concerns in Health Care I

**Quinlan, Keely**, Music: Tradition Meets Innovation

**Rabellino, Andres**, Issues in Law, Justice, and Government I

**Rahman, Tazmin**, Psychology: Human Behavior and Perception II

**Ramani, Margish**, Neural Science II

**Redman, Will**, Neural Science II

**Reyes, Rhea-Donna**, Molecules and Materials I

**Rico, Maritza**, Spanish and Latin American Literature and Culture

**Riina, Samantha**, Culture and Society III

**Rodriguez, Victoria Aylin**, Spanish and Latin American Literature and Culture

**Ruiz, Anna**, Issues in Law, Justice, and Government IV

**Sabia, James**, Issues in Law, Justice, and Government III

**Sagar, Kaajal**, Psychology: Human Behavior and Perception III

**Santos, Sabrina**, The Urban Divide

**Saraogi, Raghav**, The Economic Marker: Productivity, Prices, and Profits

**Satija, Atul**, Philosophical Thought

**Sawant, Tejas**, Neural Science II

**Schappach, Natalina**, Issues in Law, Justice, and Government I

**Schermer, Daphne**, The Economic Marker: Productivity, Prices, and Profits

**Scheuring, John**, Genes, Growth, and Development

**Shah, Rushabh A**, Literature Through the Ages

**Shakil, Yousaf**, The Politics and Economics of Education

**Shamosh, Francine**, Psychology: Human Behavior and Perception I

**Shankar Sthipam**, Dakshayani, Culture and Society II

**Sharrock, Chappel**, Molecules and Materials I

**Shea, Kathleen**, Issues in Law, Justice, and Government II

**Shi, Michelle**, Genes, Growth, and Development

**Shulman, Hannah**, The Urban Divide

**Si, Clara**, Literature Through the Ages

**Simmons, Ellie**, Literature Through the Ages

**Smith, Justin**, Music: Tradition Meets Innovation

**Sobers, Janve**, New York City: Longstanding Challenges and Dynamic Change

**Sologuren, Mark**, Philosophical Thought

**Sperry, Morgan**, Culture and Society I

**Streich, Graham**, The Economic Marker: Productivity, Prices, and Profits

**Tang Ying Xin, Eugenia**, Interpersonal Relationships I

**Tell, Kate**, Examining the Artist

**Termotto, Emily**, The Economic Marker: Productivity, Prices, and Profits

**Thamer, Semran**, Social Concerns in Health Care II

**Theisen, Emma**, Neural Science I

**Thomas, Amara**, Exploring Identity I

**Tice, Ben**, The Politics and Economics of Education

**Tierney, Maria**, Issues in Linguistics

**Tiew, Amanda**, Social Concerns in Health Care II

**Trad, Catherine**, Psychology: Human Behavior and Perception I

**Tseng, Robert**, Molecules and Materials I

**van Tulder, Mathilde**, The Urban Divide

**Vantaylor, Simone**, Interpersonal Relationships II

**Wang, Andrew**, Molecules of Living Systems

**Wang, Betty**, Global Issues Past and Present I

**Wijayaratne, Kavi**, Music: Tradition Meets Innovation

**Williams, Diandra**, Genes, Growth, and Development

**Wu, Leah**, Neural Science I

**Wu, Mengyue**, Examining the Artist

**Wu, Shirley**, Bacteria, Viruses, and Immunity

**Wu, Songzhi**, The Urban Divide

**Xu, Melody**, Culture and Society I

**Yanez, Marcelo**, Examining the Artist

**Yang, Hongxuan**, Global Issues Past and Present III

**Yelton, Porter**, Access to the Arts: Displaying, Preserving, Performing, and Interpreting

**Zawacki, Samuel James**, Gender Studies: A Global View

**Zhang, Sheryl**, Psychology: Human Behavior and Perception II

**Zhang, Virginia**, Culture and Society III

**Zhang, Yanshu**, Culture and Society III

**Zhang, Yi**, Interpersonal Relationships II

**Zhao, Hongfei**, Neural Science I

**Zhao, Matt**, Molecules and Materials II

**Zheng, Vincent**, Molecules of Living Systems

**Zhurakivska, Olga**, Neural Science I

## Appendix of Poster Presentations

*The following list indicates the assigned poster group for each poster presenter. All poster presentations take place in Hemmerdinger Hall and Silverstein Lounge.*

- Alankar, Aparna**, Group 1  
**Allington, Grant**, Group 14  
**Anane, Eben**, Group 9  
**Andrews, John**, Group 1  
**Artyfikiewicz, Aleksandra**, Group 6  
**Ayala, Sam**, Group 18  
**Bei, Betty**, Group 10  
**Benezha, Ilyasse**, Group 1  
**Bernstein, Gaelin**, Group 3  
**Bianco, Cat**, Group 19  
**Brocklehurst, Rachel**, Group 21  
**Burns, Jillian**, Group 15  
**Campero, Carla**, Group 3  
**Chan, Chloe**, Group 20  
**Chebanova, Valentyna**, Group 13  
**Chen, Anty**, Group 18  
**Cho, Irene**, Group 4  
**Choi, Kyu**, Group 8  
**Choudhury, Mahdi**, Group 15  
**Chow, Susan**, Group 16  
**Chung, Jonathan Youngkook**, Group 13  
**Chwe, John Andrew Hanju**, Group 19  
**Cohen, Sydney**, Group 8  
**Dayal, Divya**, Group 7  
**DeLaVega, Ashley**, Group 20  
**Desai, Ruchi**, Group 7  
**Dhawan, Deepika**, Group 13  
**Didonato, Vincent**, Group 6  
**DiMascio-Donohue, Jennifer**, Group 8  
**Dogra, Akshunna**, Group 11  
**Doldissen, Casey Louise**, Group 19  
**Dooling, Kelly**, Group 6  
**Droppa, Kyle**, Group 17  
**El Fadel, Omar**, Group 18  
**Ende, Victoria Jade**, Group 8  
**Epie, Axel**, Group 13  
**Foo, Shirley Xue Li**, Group 21  
**Furman, Katherine**, Group 9  
**Gao, Jenny**, Group 4  
**Generoso, Matt**, Group 1  
**Gigi, Alan**, Group 21  
**Gjoka, Arvi**, Group 11  
**Goch, Susie**, Group 7  
**Gohel, Paulomi**, Group 14  
**Hassanein, Mona**, Group 19  
**Hinduja, Abhishek**, Group 16  
**Hussain, Zeenat**, Group 3  
**Imperiale, Johnpatrick**, Group 3  
**Jalloh, Shaiku**, Group 1  
**Jaramillo, Jenö**, Group 21  
**Jimenez, Jasmin**, Group 6  
**Jin, Peter**, Group 2  
**Karmacharya, Jenish Kumar**, Group 12  
**Kenessey, Dori**, Group 3  
**Kenkre, Radhika**, Group 16  
**Kim, Ginha**, Group 6  
**Kim, Jo Eun**, Group 10  
**Kiprovski, Aleksandar**, Group 10  
**Klein, David**, Group 5  
**Kong, Tina**, Group 4  
**Krotow, Ellen**, Group 2  
**Kuonqui, Kevin**, Group 12  
**Lagares, Brenda**, Group 5  
**Lau, Denise**, Group 20  
**Lei, Amy**, Group 5  
**Levina, Rimma**, Group 5  
**Lin, Eric**, Group 10  
**Lin, Raven**, Group 16  
**Little, Heather**, Group 21  
**Macbeth, Alex**, Group 12  
**Macdonald, Emma**, Group 16  
**Mahmood, Rihab**, Group 20  
**Martinez, Alexis**, Group 2  
**Mats, Ellen**, Group 12  
**McAlister, Maggie**, Group 17  
**McCartin, Maddy**, Group 2  
**Mendonca, Danielle**, Group 9  
**Mohammadkhani, Masoumeh**, Group 17  
**Mossi, Fadimatou**, Group 11  
**Needle, Max**, Group 20  
**Neeson, Allie**, Group 9  
**Nemecio, Dali**, Group 15  
**Osterman, Jessie**, Group 7  
**Pandit, Natasha**, Group 2  
**Park, Ji Jung**, Group 7  
**Pedraza, Kelly**, Group 20  
**Pesantes, Joshua Adam**, Group 8  
**PiSierra, Zoe**, Group 2  
**Qiu, Cindy**, Group 13  
**Raghunath, Ananditha**, Group 10  
**Ragipani, Bhavana**, Group 5  
**Ramadurai, Saranya**, Group 7  
**Ranawat, Rishabh**, Group 10  
**Redman, Will**, Group 11  
**Reed, Casey**, Group 12  
**Rosalez, Justine**, Group 13  
**Selber, Paige**, Group 18  
**Sharma, Mira**, Group 18  
**Sherif, Ahmed**, Group 11  
**Shin, Jaewoo**, Group 4  
**Si, Clara**, Group 1  
**Sidi, Aida**, Group 19  
**Smith, Cole**, Group 10  
**Sone, Je Yeong**, Group 14  
**Stark, Sara**, Group 9  
**Sundar, Sahaana**, Group 15  
**Tailor, Janki**, Group 1



**Tam, Cyrus**, Group 11  
**Tang, Tiffany**, Group 12  
**Tang, Yu**, Group 20  
**Thamer, Semran**, Group 15  
**Thamer, Semran**, Group 7  
**Thijssen, Mats Henriksen**,  
Group 11  
**Tsang, Grace Ji Yan**,  
Group 18  
**Vantine, Sammi**, Group 4  
**Vasa, Aastha**, Group 19  
**Wang, Justin**, Group 14  
**Wang, Shihui**, Group 14  
**Xu, Melody**, Group 19  
**Xu, Melody**, Group 20  
**Yu, Alex**, Group 14  
**Yu, Christina**, Group 17  
**Zhang, Sky**, Group 19  
**Zhang, Yian**, Group 19  
**Zhang, Yun Bin**, Group 5  
**Zhu, Michael**, Group 17

