44th Annual Undergraduate Research Conference

Humanities
Social Sciences
Natural Sciences
44th Annual
Undergraduate Research Conference
Friday, May 4, 2018
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
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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 KROTOV, 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

ZEENAT 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

JAЕWOO 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
SEMRAN 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 Oveis, Mathematics
Jigarkumar Patel, Mathematics

AKSHUNNA DOGRA, Mathematics, Physics
WILL REDMAN, Mathematics, Physics
  High Fields and Its Effect on Tokomak 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 THIJSSSEN, 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-Assymetric 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-1β (IL-1β) 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 Astrogliosis 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 CHOUHDURY, Neural Science
Identifying Low Dimensional Representation of Prehension with Neural Correlate in Premotor Cortex

JILLIAN BURNS, Mathematics, Psychology
Decoding Stimulus Orientation Using MEG

SEMRAN 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 McALISTER, 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
Predicting Organizational Skills Training Treatment Outcome

KELLY PEDRAZA, Biology
Using Implicit Measures to Study Children’s Stereotypes about Social Status

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:
Petter Kolm, Mathematics
Henry Ma, Economics

RACHEL BROCKLEHURST, Politics
Corporation 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

RICH A 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:
Fatiha Bali, French
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 LARISSIA, 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

CLAIRO 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 MICALEA 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

Judges:
Gerard O’Donoghue, Expository Writing
Daniel Perkins, 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

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

Judges:
Renee Blake, Social and Cultural Analysis
David Ellis, 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:
Christine Harrington, Politics
Patrick Egan, Politics

ANDRES RABELLINNO, 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

ANAIIS 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

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

MENGZOU (MELISSA) FU, Politics

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

**GRETCHE 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:
John Halpin, Chemistry
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 β-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

**YALELIN 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 JANUSKA, 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 Cyclins 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 DUEÑAS-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

MIDA CHU, Philosophy
180 Degree Rule in the Semantic Perspective

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

FIRDAUS GUPTA, 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

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

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:
Wendy Suzuki, Neural Science
Marjorie McMeniman, Psychology

JEFFREY KANG, Economics, Psychology

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
Andy Hilford, Psychology

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 PAIL, 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

SEMRAN 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

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:
Lynne Haney, Sociology
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
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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
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Beggs, Dia, Culture and Society II
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Chaluvadi, Venkata, Molecules of Living Systems
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Cooper, Ellen, Culture and Society I
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Cossentino, Ian, Molecules of Living Systems
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Flores, The Politics and Economics of Education
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Gupte, Firdaus, Philosophical Thought
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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
Hsiez, 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 III
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
Lanphere, 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, Hoiyan, 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
Loeven, 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, 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, Zaeem, 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, Valentya, 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, Axil, 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, Arvil, 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, Jeno, 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
McAllister, Maggie, Group 17
McCartin, Maddy, Group 2
Mendonca, Danielle, Group 9
Mohammadkhatani, 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