



New York University
College of Arts and Science

36th Undergraduate Research Conference
Friday, April 16, 2010

All presentations will be held in the Silver Center for Arts and Science and the Waverly Building.
Posters will be displayed in Hemmerdinger Hall and Silverstein Lounge on the first floor of the Silver Center.

Morning Panels

9:30 AM – 11:30 AM

Global Issues Past and Present (Room 206, Silver)	2
Infant Locomotion and Perception (Room 207, Silver)	2
The American Landscape (Room 405, Silver)	3
World Languages: Speaking, Analyzing, Understanding (Room 501, Silver)	3
Issues in Linguistics (Room 520, Silver)	4
Issues in Labor and Economics (Room 705, Silver)	5
Literature Through the Ages (Juwow Lecture Hall, Silver)	5
Spanish and Latin American Literature (Room 518, Silver)	6
Art: Criticism, Interpretation, and Display (Room 712, Silver)	6
World Religions: Issues of Diversity and Community (Room 621, Silver)	7
Politics and Scandal (Room 718, Silver)	7
The Natural Environment (Room 721, Silver)	8
Food in Society : From Farm to Table (Room 508, Silver)	8
Mathematics and Modeling in Understanding the Physical World (Room 668, Waverly)	9

Afternoon Panels

12:00 PM – 2:00 PM

Gender Studies: A Global View (Room 206, Silver)	9
Social Concerns in Health Care (Juwow Lecture Hall, Silver)	10
World Music: Performance, Interpretation, Appreciation (Room 508, Silver)	11
Writing and Speaking in the Disciplines (Room 435, Waverly)	11
International Approaches to Law and Order (Room 411, Silver)	12
New York City: Longstanding Challenges and Dynamic Change (Room 520, Silver)	13
Issues in Modern Asia (Room 501, Silver)	13
The Global Consumer (Room 621, Silver)	14
Language in Context: Dual Language Immersion Programs in the Public Education System (Room 429, Waverly)	14
Philosophical Thought (Room 367, Waverly)	15
Psychology and Human Behavior (Room 668, Waverly)	15
The Nervous System: Memory, Mood, and Modulation in Living Systems, I (Room 705, Silver)	16
The Nervous System: Memory, Mood, and Modulation in Living Systems, II (Room 701, Silver)	17
Genes, Growth, and Development (Room 718, Silver)	17
Molecules and Materials (Room 721, Silver)	18
Bacteria, Viruses, and Immunity (Room 369, Waverly)	18

Poster Sessions

9:30 AM – 12:00 PM

Posters (Hemmerdinger Hall and Silverstein Lounge, Silver)	19
---	----

Morning Panels

9:30 AM – 11:30 AM

Global Issues Past and Present

Room 206, Silver Center

Judges:

Professor Martin Daughtry, Music

Professor Sibylle Fischer, Spanish and Portuguese

Professor Andrew Monson, Classics

Hana Abul Husn
*International Relations
and Romance Languages*

Heritage Language Teaching's Impact on the Academic Success
of Immigrant Children

Beau C. Benson
Journalism and History

Le Roi Salamandre: Bestiary and Politics of François Ier

Charmaine Chua
*International Relations
and Sociology*

The Pontianak and Her Ties to Malaysian, Singapore Social
History

Chelsea Garbell
*Media, Culture, and
Communication*

The Introduction of Syphilis into Hawaiian Society and the
Devastation it Wrought: The Re-Shaping of a People, their Land,
and their Culture from 1778-1900

Alexandra Hancock
Spanish

CONADEP and HIJOS: A Comparison of Vehicles of Memory
after the Dirty War in Argentina

Kate Richardson
Spanish

Mexican Cinema and the Construction of National Identity

Margarita Zeitlin
German and Linguistics

The Search for German Identity through German-Jewish
Sociability

9:30 AM – 11:30 AM

Infant Locomotion and Perception

Room 207, Silver Center

Judges:

Professor Lionel Christiaen, Biology

Professor Dan Sanes, Neural Science

Professor Yaacov Trope, Psychology

Lisa Hurwitz
Psychology and Spanish

Sitting Pretty: Development of Flexible Strategy Choice in Infant
Sitting

Adam Lurie
Psychology

About Face: Changes in Heading Direction as Infants
Spontaneously Transition Between Crawling and Sitting
Postures

Jennifer Quon
Neural Science

Balancing on the Bridge: Infants' Perception of Affordances for
Crossing

Alyssa Zuckerman
Psychology and Journalism

Lend Me a Hand: Supported Walking in 11-Month-Old Infants

9:30 AM – 11:30 AM

The American Landscape

Room 405, Silver Center

Judges:

Professor Patricia Crain, English and American Literature

Professor Matthew Rohrer, English and American Literature

Professor Lytle Shaw, English and American Literature

Logan Booth
History and Religious Studies

Crushed Hope, Rebuilt Lives: Central European Attorneys and Physicians Start Anew in the United States

Margaret Craig
Journalism

Long-Form Reporting: Urban Ecovillages

Edward Maxwell
History and German

Progress for the American Indian: Jacob C. Morgan's and John Collier's Debate over the Indian Reorganization Act of 1934

Vladislava Soshkina
Politics

Winning Influence: The Effects of PAC Demographics on Senatorial Support

Daniel Sprouse
Economics

Social Security: A Ponzi Perspective

Shendi Xu
English and American Literature

Theorizing Authenticity in American Idol

9:30 AM – 11:30 AM

World Languages: Speaking, Analyzing, Understanding

Room 501, Silver Center

Judges:

Professor Pat Hoy, Expository Writing

Professor Irina Beladodova, Russian and Slavic Studies

Professor Andrea Dortmann, German

Professor Viola Kloarov, German

Victoria Grefiel
Anthropology and East Asian Studies

Language and Ethnic Identification among Generation-1.5 Filipino-Americans

Isabel Lane
Russian

Madam President, Sir: Forms of Address in Fictional Outer Space

Shivam Mathura
Philosophy

Interdisciplinary Action: The Convergence of a Misconstructed Reality with Itself

Timothy McEniry <i>Language and Mind</i>	The Role of Language in the Formation of Worldview
Sarah Parrish <i>Spanish and Linguistics</i>	A Sociolinguistic Code-Switching Study of Nuyorican Poetry
Lemonia Stroubos <i>Hellenic Studies and Politics</i>	Kassandra and the Wolf: A Study in Language
Dante Wadley <i>Anthropology and Linguistics</i>	Arabic-French Code Switching and Young Moroccans: A Culture of Accommodation
Samantha Waller <i>Psychology</i>	Madame la Ministre: Feminist Language Reform in French

9:30 AM – 11:30 AM

Issues in Linguistics

Room 520, Silver Center

Judges:

Professor Alec Marantz, Linguistics and Psychology

Professor William Morgan, Expository Writing

Professor Gregory Murphy, Psychology

Nessa Berezin-Bahr <i>Linguistics and Anthropology</i>	SY Vernacular English
Michelle Dugan <i>Anthropology</i>	Language Use in a Montessori Classroom
Alexandra Furukawa <i>Linguistics</i>	Accommodative Teacher-Talk in New York City High Schools
Anna Greenwood <i>Linguistics</i>	The Status of Glides in Italian Syllables
Shannon Mooney <i>Linguistics and Anthropology</i>	Social Variation in the Pronunciation of /r/ in Glasgow
Amanda Rysling <i>Linguistics</i>	An Investigation of Word-Internal Syllabification in Moroccan Arabic
Gabriel Slamovits <i>Linguistics and Literature</i>	Comparativism: Literary Linguistics

9:30 AM – 11:30 AM

Issues in Labor and Economics

Room 705, Silver Center

Judges:

Professor Ben Goldberg, Computer Science

Professor John Leahy, Economics

Professor Aditi Thapar, Economics

Nam Chau

Economics and

International Relations

Stock Exchanges and the Monopoly Bank Model

Leah Clark

Economics

The Impact of Regional Economic Factors on Job Corps
Program Performance

Emma Marconi

Urban Design and

Architecture Studies

Annapolis: Sustainable Planning 360 Years in the Making

Caran Wakefield

Social Work and Psychology

"Greyhound Therapy"- A Cosmetic Solution to Homelessness?

9:30 AM – 11:30 AM

Literature Through the Ages

Jurow Lecture Hall, Silver Center

Judges:

Professor Jennifer Baker, English and American Literature

Professor Elke Siegel, German

Professor Bryan Waterman, English and American Literature

Katherine Albis

Latin and Greek

Laughter and Identity

Rachel Broderick

English and American Literature

Fictionalizing Reality: The Modern Irish Literary Identity

Afrodite Fountas

Politics and Hellenic Studies

The Significance of Maro Douka's Fool's Gold

Megan Gannon

English and American Literature
and Art History

Reading Abduction Scenes of Ancient Greece

Diana Kole

Comparative Literature

Free Indirect Discourse in Flaubert and James

Jessica Matuozzi

English and American Literature

Trapped in the Closet: Secrecy, Privacy, and Power in James
Baldwin's Longer Novels

Liam O'Brien

English and American Literature

Creative Writing Project: Writing My Novel

Emily Sheeler

English and American Literature

Plague and the Corrupted Body in the Works of John Donne

9:30 AM – 11:30 AM

Spanish and Latin American Literature

Room 518, Silver Center

Judges:

Professor James Fernandez, Spanish and Portuguese

Professor Jordana Mendelson, Spanish and Portuguese

Professor Ara Merijan, Italian Studies

Felipe Cole <i>History and Law and Society</i>	“Much More Than We Imagine”: Bishop Jaime Martínez Compañón and His Early National Imagining
Ernest Hartwell <i>Spanish and Religious Studies</i>	Explicaciones Rabinicas: The Kabbalah in the Literary Scheme of Borges's Fiction
Ernest Hartwell <i>Spanish and Religious Studies</i>	No Man's Land: Old Age and Violence in Two Argentine Novels
Jasmine Huerta <i>Spanish</i>	Rosario Ferré: Works for Children and Children in Her Works
Anna Sophia Irvin <i>Romance Languages</i>	The Voices of Storni and Pizarnik
Jacob Steinberg <i>Spanish</i>	Concrete Poetry: Defiance of the Linguistic Sign

9:30 AM – 11:30 AM

Art: Criticism, Interpretation, and Display

Room 712, Silver Center

Judges:

Professor Thomas Crow, Institute of Fine Arts

Professor Dennis Geronimus, Art History

Professor Carol Krinsky, Art History

Professor Ken Silver, Art History

Rachel Broderick <i>English and American Literature</i>	Reclaiming Visibility: Defastenism and Irish Art
Chad Cordova <i>Art History and French</i>	Ernest Pignon-Ernest in Naples
Abigail Lapin <i>Spanish and Art History</i>	Gonzalo Cienfuegos: Recreating Velazquez
Janel Feliz Matir <i>Art History</i>	Männlichkeit: The Male Body in the Art of Franz von Stuck
Alexandra Polson <i>Art History</i>	Ludwig Hohlwein, Modernism, and National Socialism
Hannah Roberts <i>Art History</i>	Contemporary Still Life Paintings of Antonio López García

9:30 AM – 11:30 AM

World Religions: Issues of Diversity and Community

Room 621, Silver Center

Judges:

Professor Joan Breton Connelly, Classics

Professor Hasia Diner, Hebrew and Judaic Studies and History

Professor Joanna Waley-Cohen, History

Chloe Anderson <i>Sociology and Philosophy</i>	Williamsburg Hasidim: Border Maintenance and Crossing
Elizabeth Maroney <i>International Relations</i>	The Effects of Religiosity Upon Tolerance for Muslims in Europe
Amanda Mayo <i>Anthropology and Environmental Studies</i>	The Significance of the Irish High Cross: Its Iconography and Function
Rachel Slaff <i>Journalism and History</i>	Choosing Faith
Andrew Tepper <i>History</i>	The Black Death: An Instrument of Anti-Semitism

9:30 AM – 11:30 AM

Politics and Scandal

Room 718, Silver Center

Judges:

Professor Paul Fleming, German

Professor Sanford Gordon, Politics

Professor Elizabeth Mansfield, Art History

Ann Nichole Agravante <i>Politics and Asian, Pacific and American Studies</i>	The Impact of Sexual Scandal on Political Productivity
Rebecca Greenberg <i>Economics and Politics</i>	Corruption and Electoral Volatility
Deirdre Lyons <i>History</i>	Problematic Alliance: The United Irishmen and France, 1796-1798
Alyxandra Mattison <i>Anthropology</i>	Warfare and Displays of Power in the Emerging Anglo-Saxon Kingdoms
Eric Min <i>International Relations and Spanish and Linguistics</i>	Dead or Deposed: The Effects of Assassinations and Coups on Political Institutions
Harry Wolberg <i>Politics and History</i>	On-Sides or Off-Sides? How Elections Affect the Salience of Ethnic Cleavages

9:30 AM – 11:30 AM

The Natural Environment

Room 721, Silver Center

Judges:

Professor Eric Hoens-del-Pinal, Anthropology

Professor Colin Jerolmack, Environmental Studies

Professor Fred Myers, Anthropology

Professor Christopher Schlottman, Environmental Studies

Samantha Caravello <i>Environmental Studies and Economics</i>	Managing Interstate Nutrient Pollution in the Upper Mississippi River
Rachel Engstrand <i>Biology</i>	The Biodiversity Within: Freshwater Turtles and Their Parasites
Morgan Turnage <i>Anthropology and Journalism</i>	Development of Civilization in the Niger River Basins
Ashley van Batavia <i>Anthropology</i>	Parental Care and Infant Development in Titi Monkeys
Piper Wallingford <i>Environmental Studies and Journalism</i>	Trafficking of the Pacific Lionfish

9:30 AM – 11:30 AM

Food in Society: From Farm to Table

Room 508, Silver Center

Judges:

Professor Stephane Gerson, French

Professor Denice Martone, Expository Writing

Dr. Ryan Poynter, Academic Affairs

Patricia Delgado <i>Journalism and Sociology</i>	WOOOF: A Study of Small Farms in the United States
Catalina Iannone <i>Spanish</i>	Modernity and Tradition in Spanish Gastronomy
Rachel Kurtz <i>Anthropology and Spanish</i>	Planting Seeds of Lost Knowledge and Reaping the Moral Benefits: An Anthropological Analysis of Memoirs about Eating Locally
Michelle Sarro <i>Environmental Studies</i>	From Farm to Factory: An Interdisciplinary Analysis of American Meat Production

9:30 AM – 11:30 AM

Mathematics and Modeling in Understanding the Physical World

Room 668, Waverly

Judges:

Professor Frederick Greenleaf, Mathematics

Professor David Grier, Physics

Professor Esteban Tabak, Mathematics

Bernard Beckerman
Physics

Detecting Phase Shifts in Chromonic Liquid Crystals Using the Zimm-Crothers Viscometer

Zachary DeStefano
Mathematics

Complexity of the Sum of Roots Problem

Chaney Lin
Physics and Mathematics

A Homogeneous Ricci Flow

Michael Sharpnack
Mathematics

Analysis of a Mathematical Model of DNA Damage Repair

Annie Weathers
Physics

Vortex Shedding and Hovering of a Rigid Body in an Oscillating Flow

Afternoon Panels

12:00 PM – 2:00 PM

Gender Studies: A Global View

Room 206, Silver Center

Judges:

Professor Chiara Ferrari, Italian Studies

Dr. Kimberly Germain, Director of Scholarship Programs

Professor Kathleen Gerson, Sociology

Professor Marta Peixoto, Spanish and Portuguese

Jennifer Altavilla
*English and American
Literature and Journalism*

Ideals of Female Identity: The Role of Sentimentalism and Consumerism in Women's Periodicals, 1850-1960

Lia Avellino
*Gender and Sexuality Studies
and Journalism*

Agoraphobia and Women: The Social Complexities of Permanent Domestication and Resisting Consumer Space

Masha Carey
Classical Civilization

The Virtus of Medea: An Exploration of Manliness in Seneca's Rome

Jennifer Gerdes
Sociology

Did She or Didn't She? The Issue of Marital Name Choice Across Two Generations: 1964-1983 and 2000-2009

Rachel Hsiung
*Economics and Social
and Cultural Analysis*

Examining the Intersectionality of Race, Gender, and Class in Brazil

Anita Stahl
Gender and Sexuality Studies

Muscles on a World Tour: Women's Professional Tennis and the Glass Ceiling of Femininity

12:00 PM – 2:00 PM

Social Concerns in Health Care

Jurow Lecture Hall, Silver Center

Moderator:

Professor Henry Brenner, Chemistry

Professor Frankie Edozien, Journalism

Professor Mike Ludlum, Journalism

Professor Friedrich Ulfers, German

Darren Bryk
Economics

Swine Influenza or Seasonal Influenza? The First Clinical Adaptation of an Automated Open Platform for Swine Influenza: The Montefiore Experience

Ashley Comfort
Chemistry

Decreased Lung Functions in FDNY Exposed to WTC

Andrew Diaz
Economics

If the Size of a Cigarette Pack Effects Consumption, Is there a Pack Size that Minimizes Smoking?

Yasmin Karimi <i>Politics</i>	Does Democracy Matter? The Evolution of Health in Divided Berlin
Birgit Leimer <i>Economics and Romance Languages</i>	Changes in the Distribution of Actual Demand and Predicted Demand of Medical Care Services in Chile since 2000
Jennifer Quon <i>Neural Science</i>	Using Electronic Health Records to Address the Quality of Hypertensive Patient Care

12:00 PM – 2:00 PM

World Music: Performance, Interpretation, Appreciation

Room 508, Silver Center

Judges:

Professor Mike Beckerman, Music
 Professor Nicola Cipani, Italian Studies
 Professor Raffaella Cribiore, Classics
 Professor Toral Gajarawala, English and American Literature

Joshua Cahan <i>Music</i>	From Old Time to Audio Blogs, Peoples Movements and Urban-American Musical Nostalgia
Melissa Magrath <i>Music</i>	The Chinese Ideologies and Musical Styles of Tan Dun
Matthew Margini <i>English and American Literature</i>	The Musicality of Immortality: Configurations of the Aeolian Harp in James Joyce's Ulysses
Issac Solomon <i>Latin American Studies</i>	The Legality of Funk in Rio de Janeiro
Adam Waller <i>Music</i>	Olivier Messiaen's Early Organ Works and Claude Debussy's "La Cathédrale Engloutie"

12:00 PM – 2:00 PM

Writing and Speaking in the Disciplines

Room 435, Waverly

Judges:

Professor Clemente Marconi, Institute of Fine Arts
 Professor Andrea McKenzie, Expository Writing
 Professor Liana Theodoratou, Hellenic Studies
 Professor Tessa West, Psychology

Christopher Bailey <i>Psychology</i>	An Open-Label Study of Cystagon-Bitartrate in Treatment-Resistant Major Depression
Regina Gurevich	Electric Brain Stimulation and Brain Plasticity in Adult Amblyopes
Emily Katz <i>Social Work</i>	Child Stars in Transition: Jackson and Temple

Kathryn Musumeci
Social Work and Journalism

Sexual Trafficking: Modern Day Slavery with Modern Day
Consequences

Steven Shanab
Mathematics

Modeling Pyloric Sphincter Contractions in Esophageal Cancer
Patients

12:00 PM – 2:00 PM

International Approaches to Law and Order

Room 411, Silver Center

Judges:

Professor Richard Hull, History

Professor Asli Peker, Politics

Professor Alastair Smith, Politics

Professor Cristina Vatulescu, Comparative Literature

Sara Atalay
International Relations

Choosing Justice

Cristina Bigli
Italian

All Roads Lead to Rome: Via dell'Impero and Fascist Ideology

Isha Dandavate
*International Relations
and Journalism*

The Impact of Country Relations on the UN's Decision to
Intervene in Civil War Countries

Rachel Fried
Sociology

Conceptions of Community: "Community Standards" and
Obscenity Law

Rebecca Karsik
*Politics and Middle Eastern
and Islamic Studies*

The Islamic Republic Revolutionary Guard of Iran

Rachel McEvoy
Classics

The Role of Law in Cicero's Court Orations

Megan Stewart
Journalism and Politics

U.S. Foreign Policy and the Egyptian Muslim Brotherhood:
Promoting Stability or Instability?

Yang-Yang Zhou
*International Relations and
Anthropology and Classical
Civilization*

Property Restitution Rights and the Resettlement of the
Internally Displaced

12:00 PM – 2:00 PM

New York City: Longstanding Challenges and Dynamic Change

Room 520, Silver Center

Judges:

Professor Suketu Mehta, Journalism

Professor Guy Ortolano, History

Professor Jon Ritter, Art History

Professor Daniel Walkowitz, Social and Cultural Analysis

Hilary Dennis <i>Environmental Studies and Spanish</i>	Mapping the Milkshed of New York City
Andres Garcia <i>Latino Studies and Africana Studies</i>	Militarized Policing in Jackson Heights, Queens
Natalia Guzman <i>Anthropology and French</i>	La Familia: A Study of the Parent-Child Relationship among Colombian Immigrant Families Living in Jackson Heights, New York
Xiaoyue Hu <i>Urban Design and Architecture Studies and Economics</i>	Washington Square Southeast Slum Clearance Project
Shireen Soheili <i>Metropolitan Studies and French</i>	Complicating the "Community": Immigrants and the Model of Community Policing
Nathalie Verhaegen <i>History</i>	Mapping Consolidated Edison, Inc. of New York

12:00 PM – 2:00 PM

Issues in Modern Asia

Room 501, Silver Center

Judges:

Professor Peter Button, East Asian Studies

Professor Henry Em, East Asian Studies

Professor Thomas Looser, East Asian Studies

Professor Jini Kim Watson, English and American Literature

Elisa Chen <i>Politics</i>	China's One Child Policy and the Missing Women
John Ellwanger <i>Economics</i>	The Effects of Exchange Rate Policy on the China Trade Balance
Aparna Patankar <i>Anthropology and Politics</i>	The Nature and Sustainability of Sino-Saudi and Sino-Iranian Relations
Sharon Sung <i>Anthropology and Linguistics</i>	The Role of Language in the British Chinese Community
Lindsey Yoo <i>East Asian Studies</i>	Korean Television Dramas and Contemporary Korean Identity

12:00 PM – 2:00 PM

The Global Consumer

Room 621, Silver Center

Judges:

Professor Meryl Gordon, Journalism

Professor Marc Lieberman, Economics

Professor Jeff Manza, Sociology

Professor James Ramsey, Economics

April Collaku

Economics

The Impact of Fluctuations in Consumer Confidence, as Measured by the Variance in the Index of Consumer Sentiment, on Future Household Consumption

Nandinee Das

Economics

Foreign Ownership and Wage Premia in Indian Manufacturing

Sampoorna Dasgupta

Economics

Transparency in Microfinancial Disclosure

Nicole Stutz

Economics

Renewable Fuel Standards in Washington State and its Impact on Conventional Gasoline Prices and Gasoline Demand

Nicolas Vissat

Economics

An Examination of Willingness-to-Pay for Environmentally Certified Products

Momtaz Yaqubie

*International Relations
and Economics*

Microfinance, Economic Growth, and Income Inequality

12:00 PM – 2:00 PM

Language in Context: Dual Language Immersion Programs in the Public Education System

Room 429, Waverly

Judges:

Professor Lourdes Davila, Spanish and Portuguese

Professor Michael Peachin, Classics

Professor Athena Vouloumanos, Psychology

Jessica Combs

Linguistics and Spanish

Language Use in a Dual Language Environment

Autumn Gerami

Linguistics and Spanish

Developing Dual-Language Programs

Sarah Parrish

Linguistics and Spanish

A Study of Improving English Instruction for a Dual Immersion Kindergarten Program

12:00 PM – 2:00 PM

Philosophical Thought

Room 367, Waverly

Judges:

Professor Laura Franklin-Hall, Philosophy

Professor Larry Lockridge, English and American Literature

Professor Stephen Schiffer, Philosophy

Professor Crispin Wright, Philosophy

Nicole Basile <i>Comparative Literature</i>	Containments of Time
Dale Eadeh <i>Classical Civilization and Classics - Fine Arts</i>	Picking Up the Pieces
Alexander Edelman <i>English and American Literature</i>	Capturing Authenticity
Chris Frank <i>Philosophy</i>	The Extended Self
Diana Klopsis <i>Philosophy</i>	Philosophical Foundations for the Biological Hierarchy: Realism, Pluralism, and Okasha's "Evolution and the Levels of Selection"
Adam Paris <i>Philosophy</i>	Meaning Skepticism and Lewisian Reference Magnetism
Caleb Scholle <i>Classics</i>	The Battle for Socrates' Succession: Diogenes the Cynic's Abuse of Plato
Eric Tracy <i>Philosophy</i>	Can Hume's Views on Causation be Rescued from Defeat at the Hands of Contemporary Psychology?

12:00 PM – 2:00 PM

Psychology and Human Behavior

Room 668, Waverly

Judges:

Professor Susan Andersen, Psychology

Professor Emily Balcetis, Psychology

Professor Bob Rehder, Psychology

Maryann Aita <i>Psychology</i>	Effects of Implementation Intentions and Mental Contrasting to Reduce Alcohol Consumption
Nathaniel Blanco <i>Psychology</i>	Does Category Labeling Lead to Forgetting?
Anna Khesin <i>Psychology</i>	Can Attention Facilitate the Processing of Visual Stimuli in the Absence of Awareness?

Jennifer Colna <i>Psychology</i> and Sarah Gordon <i>Psychology</i>	Would You Rather: The Effect of Anxiety in Dyadic Interracial Anxiety on Perceptual Accuracy and Behavioral Coordination
Jacquelin Rankine <i>Psychology</i>	Causal Representations as Basic Elements of Impression Formation
Lance Rappaport <i>Psychology</i>	"Helpful for Some": Interpersonal Provision and Recipient Task-Specific Competence as Moderators of the Efficacy of Advice on Recipient Mood and Liking of the Support Provider
Gila Singer <i>Psychology</i>	The Effect of Mental Construal on Cooperation in an Environmental Commons Dilemma
Jennifer Zhu <i>Psychology</i>	Emotionally Charged Categories and Category-Based Inductions

12:00 PM – 2:00 PM

The Nervous System: Memory, Mood, and Modulation in Living Systems, Part I

Room 705, Silver Center

Judges:

Professor David Fitch, Biology

Professor Todd Gureckis, Psychology

Professor Gary Marcus, Psychology

Seth Concors <i>Psychology</i>	Protein Kinase A: A Novel Explanation for Observed Reward Increases due to Food Restriction
Mustfa Manzur <i>Neural Science and History</i>	Astrocytes in the Amygdala
Wilfredo Matias <i>Biology and Romance Languages</i>	Regulation of the Female Post-mating Response in <i>Drosophila melanogaster</i>
Lokesh Shah <i>Neural Science</i>	Role of CAMKII in an Animal Model of Alzheimer's Disease, Presenilin Conditional Knockout
Andrew Sideris <i>Neural Science and French</i>	Cdh1 Localized Within the Postsynaptic Density

12:00 PM – 2:00 PM

The Nervous System: Memory, Mood, and Modulation in Living Systems, Part II

Room 701, Silver Center

Judges:

Professor Beth Bauer, Psychology

Professor Andre Fenton, Neural Science

Professor Andy Hilford, Psychology

Christopher Bailey
Psychology

Neural Correlates of Impaired Emotional-Awareness in Post-Traumatic Stress Disorder

Margaret Fabiszak
Neural Science

Neuronal Reward Contingencies of Eye-Hand Decision Making

Larissa Gabelman
Psychology

Eyes on the Prize: Head-Mounted Eye-Tracking of Children and Adults during Natural Tasks

Yeison Rodriguez
*Computer Science and
Neural Science*

Optimal Experimental Design for Regulatory Network Inference

12:00 PM – 2:00 PM

Genes, Growth, and Development

Room 718, Silver Center

Judges:

Professor Claude Desplan, Biology

Professor David Greshman, Biology

Professor Edo Kussel, Biology

Fuad Chowdhury
Biology

Circadian Control of Translation

June Ng
Biology and French

Identifying the Enhancers that Control Expression of the Drosophila Retinal Homeobox Gene During Visual System Development

John Phair
Biology and Psychology

The Role of *gld-2*, *ccf-1*, and *spn-4* In Development

Nicole Squyres
Anthropology

The Relationship between Clavicular Length and Body Proportions

David Tsai
Biology

Identifying Key Factors in R8 Subtype Determination

Maryam Zaringhalam
Biology

Quantifying and Qualifying the Effect of Single Nucleotide Changes in Transcription Factor Binding Sites

12:00 PM – 2:00 PM

Molecules and Materials

Room 721, Silver Center

Judges:

Professor John Halpin, Chemistry

Professor Neville Kallenbach, Chemistry

Professor Mark Tuckerman, Chemistry

Jesse Amato-Grill <i>Physics</i>	Optical Forces Arising from Phase Gradients
Ashley Comfort <i>Chemistry</i>	The Role of Microparticles in Protein Transport
Jason Flamendorf <i>Chemistry</i>	Quantum Mechanical Study of Atomic Helium in Carbon Nanohorns
Christopher Haley <i>Chemistry</i>	Long Distance Photoinduced Electron Transfer in Triazole-Based Conjugated Polymers with Porphyrin and C60 End Groups
Lindsay Hill <i>Biochemistry</i>	Nanoparticles Functionalized With High Gadolinium Chelate Payload as Effective In Vivo T1-Brightening Contrast Agent
Peter Liang <i>Chemistry</i>	PX to JX2 conversion of DNA Origami Tiles
Sonal Patel <i>Chemistry</i>	Patchy Particles and Polymers in the Directed Self-Assembly of the Diamond Structure
Elisabeth Shanblatt <i>Physics</i>	Trapping Colloidal Particles with Tilted Rings of Light

12:00 PM – 2:00 PM

Bacteria, Viruses, and Immunity

Room 369, Waverly

Judges:

Professor Ken Birnbaum, Biology

Professor Burt Goldberg, Chemistry

Samantha Barry <i>Biology</i>	Determination of the Genetic Interactions between Two Spore Coat Morphogenetic Proteins of <i>Bacillus subtilis</i> and their Coat Protein Targets
Rati Krishna <i>Urban Design and Architecture Studies</i>	<i>Bacillus subtilis</i> Spore Coat Composition and Assembly During Sporulation
Reza Parungao <i>Biology</i>	Constant Region Function of Nurse Shark Immunoglobulins
Thana Theofanis <i>Neural Science</i>	Does Tetherin Inhibit Viral Replication in Neurons?

Poster Presentations

Hemmerdinger Hall and Silverstein Lounge
1st floor, Silver Center
9:30 a.m. – 12:00 p.m.

Group 1

Judges:

Professor Betts Brown, Social and Cultural Analysis

Professor Thomas Ertman, Sociology

Professor Andrea McKenzie, Expository Writing

Ana Isabel Lagos
*Metropolitan Studies and
Urban Design and Architecture
Studies*

Public Spectacles as Expressions of the Life of a Nation: Mexico
City, 1910 and 1968

James Lou
Economics

The Effect of the Time of Day on Ebay Auctions

Angelica Murdukhayeva
Environmental Studies

Hydrological Responses to Land Cover Changes in the Hudson
River Watershed

Anna Williams
Metropolitan Studies

Do Good Fences Make Good Neighbors?: The Debate Over
Belfast's Peacelines

Karen Yi
*Social and Cultural Analysis
and Journalism*

Undocumented Immigrants Speak: A New Migrant Discourse
on the Contemporary Racialization of Immigrants

Group 2

Judges:

Professor Mosette Broderick, Art History

Professor Yvonne Latty, Journalism

Kaitlyn Creasy <i>Philosophy</i>	Reconciling Value Pluralist and Value Monist Aspects in Friedrich Nietzsche's System of Values
Jane Fuerst <i>French and Economics</i>	Les Engraineurs and Changing French Cultural Identity from the Banlieue Perspective
Robert Joynt <i>Philosophy</i>	Mental Causation and the Mind-Body Problem
Joyce Laine <i>Physics and Comparative Literature</i>	Properties of Andromeda
Jae You <i>Politics and Music</i>	Mozart Transcription

Group 3

Judges:

Professor David Amodio, Psychology

Professor Scott Kellogg, Psychology

Jonathan Bain <i>Psychology</i>	The Influence of Movie Critics on Taste Judgments
Jenny Chan <i>Psychology</i>	Effortful Control in Children with Temper Outbursts and Typically Developing Children
Lauren Gonzales <i>Psychology</i>	Promoting Sibling Bonds: An Intervention for the Prevention of Youth Violence in Neglected Foster Children
Jessica Grogan <i>Psychology</i>	Academic Evaluations
Jeffrey Hamilton <i>Psychology and Film and Television Production</i>	How Does Fear Influence Economic Decision-Making?
Alyssa Zuckerman <i>Psychology and Journalism</i>	Sit Tight: Cross-Cultural Differences in Posture, Play, and Parenting

Group 4

Judges:

Professor Burt Goldberg, Chemistry

Professor Patrick Huggins, Physics

Larissa Gabelman
Psychology

Fovea to Periphery: The Developmental Progression of Visual Guidance during Obstacle Navigation

Dabina Gim
Psychology and French

Do Gestures Speak Louder than Words for 11- and 12-Month-Old Infants?

Jennifer Grasso
Psychology

Do Infants Understand the Communicative Role that Speech Plays in Human Interactions?

Samira Iravani
Psychology

Off The Grid: Tracking Infants' Real-Time Exploration

Jaimie Rojas
Psychology

Infants' Ability to Facilitate Goal Directed Gestures

Group 5

Judges:

Professor Chiye Aoki, Neural Science

Professor Nikolai Kirov, Biology

Meghan McGwier
Neural Science and Psychology

Walk This Way: Differences between Novice and Experienced Infant Walkers

Omar Meziab
Neural Science

Evaluation of the Time Course of the Cognitive Benefits of Acute Exercise in Student Athletes

Karolina Pekala
Psychology and Politics

Children's Essentialist Views of Animals, Artifacts, Gender and Race

Jacquelin Rankine
Psychology

Psychological Factors Associated with Caloric Discrepancies in Hypertensive Patients Actively Trying to Lose Weight

Group 6

Judges:

Professor Burt Goldberg, Chemistry

Professor Patrick ShROUT, Psychology

Rebecca Bainbridge
Psychology

Categorical Perception in Causal Learning

Gladys Chan
Psychology and East Asian Studies

Monkeying Around: Brachiation in Human Adults

Emily Chumas
Psychology

Neural Responses to In-Group Norm Violations

Francesca Cohen
Psychology

The Mind's Eye: Performance Fields in Visual Imagery

Elizabeth Crecca
Psychology

Vocalizations: Determining Which Convey Meaning

Group 7

Judges:

Professor Andy Hilford, Psychology

Professor Alex Reyes, Neural Science

Nathaniel Drix
Psychology

Control of Spontaneous Trait Inferences at Encoding

Allison Greene
Psychology

A Flaw of the Human Motor System

Angel Patel
Psychology

Cue Combination in the Visual Perception of Texture

Lance Rappaport
Psychology and
Lianne J. Salcido
Psychology

Interpersonal Provision and Recipient Task-Specific
Competence as Moderators of the Impact of Advice on Recipient
Performance

Lance Rappaport
Psychology and Politics

The Interaction of Relationship Satisfaction, Interpersonal
Provision, and Recipient Task-Specific Competence on the
Efficacy of Partner-Provided Advice

Group 8

Judges:

Professor Andre Adler, Physics

Professor Matthew Leingang, Mathematics

Professor Alan Mincer, Physics

Alexander Grau
*Computer Science and
Psychology*

Interaction Concepts and Methods for a Pressure Sensitive Pad

Abdul Qadeer Iqbal
Biochemistry

Computational Analysis of Higher Order Junctions

Aukosh Jagannath
Mathematics

Exploring Galactic Gravitational Potentials Using Cold Streams

Chaney Lin
Physics and Mathematics

Lock and Key Colloids

Rachel Marano
Mathematics

Mathematical Modeling and Biological Systems: The Effects of Smoking on Fetal and Maternal Circulation

Jared Wyatt
Computer Science

Somnus: A Database System for the Analysis of Complex Behavioral Traits

Group 9

Judges:

Professor Kevin Thom, Economics

Dr. Kimberly Torres, Academic Advising

Benjamin Bierwirth
Economics

Monetary Unions: Interest Rate Preference Divergences and Impacts

Ajay Kailas
Biology

The Indus Valley

Sarah Lensing
Economics

On the Development of Legal Consciousness Through an Analysis of U.S. Court of Appeals Cases (1945-1998)

Ashley Nickelsen
Biology and
Sameer Shah
Economics

The Usage of Biofilms to Naturally Filter Contaminated Water in Developing Nations

Sameer Shah
Economics

Morality and Team Decisions

Group 10

Judges:

Professor James Canary, Chemistry

Professor Nick Geacintov, Chemistry

Natalya Gertsik
Biochemistry

Electron Tomography of the Erythrocyte Cytoskeleton

Eric Greenwald
Biochemistry

Mechanism of Interaction of RW4D with Model Membranes

Lauren Lashua
Biochemistry

Expression and Activity of the Microbial Lectin PapGI: A Novel Addition to the Recombinant Lectin Microarray

Marcel Said
Chemistry

Microwave-Assisted Deprotection of Phenols

Group 11

Judges:

Professor Neville Kallenbach, Chemistry

Professor Wendy Suzuki, Neural Science

Paula Askalsky <i>Neural Science and Psychology</i>	The Effect of Norepinephrine Concentration on $\hat{I}_{\pm 1}$, $\hat{I}_{\pm 2}$, and $\hat{I}_{\pm 1}^2$ Adrenoreceptors in Synaptic Inputs to the Lateral Amygdal
Casey Farin <i>Neural Science</i>	Effects of 1-NA Spermine on the Rewarding Effects of SKF-82958 and their Augmentation by Food Restriction in Rats
Victoria Ko <i>Neural Science</i>	Temporal Frequency of Parvocellular Neurons as a Function of Retinal Eccentricity
Neil Majmundar <i>Neural Science</i>	Role of RCAN1 in Anxiety and Depression
Jordan Maki <i>Neural Science</i>	Autism-like Behaviors in the D/N TSC-2 Mouse
Maximiliano Sobrero <i>Neural Science and Psychology</i>	Prolonged Intrathecal Infusion of beta-methylamino-L-alanine: An Evaluation of a Novel Animal Model of Amyotrophic Lateral Sclerosis

Group 12

Judges:

Professor Todd Gureckis, Psychology

Professor Mary Killilea, Biology

Elizabeth Grand <i>Psychology</i>	Impacts of Anxiety on Peripheral Vision
Jaime Marrus <i>Psychology</i>	Regulating the Effects of Transference
Eunho Rhee <i>Psychology and Film & Television</i>	The Role of Procedures in the Intergroup Studies of Outcome Discrepancy
Caran Wakefield <i>Social Work and Psychology</i>	Representing and Reanalyzing Ambiguous Words

Group 13

Judges:

Professor Efrain Azmitia, Biology

Professor Richard Borowsky, Biology

Samuel Ahn <i>Biology and Philosophy</i>	The Developmental Timing of Genetic Events Influences Morphogenesis in <i>Caenorhabditis elegans</i>
Kelly Clemenza <i>Biology</i>	Regulatory Polymorphism in the Flowering Time Gene CONSTANS (CO)
Kyung Seok Ko <i>Biology</i>	Identification of plg-1 Regulation in <i>Caenorhabditis elegans</i>
Daniel Martin <i>Biology</i>	PHC Neuron Laser Ablation in <i>Caenorhabditis elegans</i>
Sameer Shah <i>Economics</i>	Cadherin Expression in <i>Caenorhabditis elegans</i>

Group 14

Judges:

Professor Claude Desplan, Biology

Professor Ignatius Tan, Biology

Sarah Abbassi <i>Biochemistry</i>	Gene CG33275 in Drosophila's clock
Dina Bangiyev <i>Biology</i>	Identifying the Localization Patterns of Proteins Involved in Polarity of the Nematode Worm <i>Caenorhabditis elegans</i>
Josephine DeLuca <i>Biology and Psychology</i>	Investigating Zelda's Interaction with MicroRNA Enhancers in Early Drosophila Development
Harris Kaplan <i>Biology</i>	Silencing Gene Expression in Drosophila
Gabrielle Myers <i>Biology</i>	Studying the Link between the Molecular Clock and Neural Rhythms in Drosophila
Cary Weiss <i>Biology and Environmental Studies</i>	Trypanosome Lytic Factor, An Antimicrobial High-Density Lipoprotein, Reduces Death from <i>Bacillus anthracis</i> in Transgenic Mice

Group 15

Judges:

Professor Patrick Eichenberger, Biology

Professor Tyler Volk, Environmental Studies

Stephanie Chen <i>Neural Science</i>	Adaptive Introgression in the Awash National Park
David Javier <i>Neural Science</i> and Esther Kang <i>Neural Science</i>	You Are What You Eat: Alterations in Cognition and Brain Morphology Among Obese Adolescents
Jennifer Kung <i>Psychology</i>	A Day in the Life: Opportunities for Learning in Everyday Activity
Sayeed Manik <i>Biology</i>	Assessment of Neonatal Transport Efficiency at Bellevue and Langone Hospitals
Vincent Scaringi <i>Anthropology</i>	Analyzing Saw Marks in Bones of Different Sizes

Group 16

Judges:

Professor Carol Reiss, Biology

Professor Matthew Rockman, Biology

Renee Bogdanovic <i>Biology</i>	Determination of Hairy Genes Involved in Tunicate Heart Cell Differentiation
Kevin Huang <i>Biology</i>	Kinetic Characterization of T Cell Receptors Specific for a Melanoma Antigen
Melissa Ingram <i>Biology</i>	Analysis of Various Organic Solvents in Supporting 3D DNA Crystalline Structures
Lindy Tribes <i>Biology</i>	A Placental-Specific Conditional Knockout of Dlk1 in Musculus
Vladislav Tsaltskan <i>Biology</i>	Effect of T-Regulatory Cells on Pediatric TB Infection

Group 17

Judges:

Professor Paul Gans, Chemistry

Professor Marcus Weck, Chemistry

Daniel Heindel
Chemistry

Structure Based Design Of Small-Molecule Ligands for BCL6
BTB Domain

Steven Lopez
Chemistry

Mercury Detection through Fluorescence and Circular Dichroism

Pavan N Malhotra
Chemistry

Making a DNA Clock

Christina Rotsides
Chemistry

Sensing Systems for Divalent Metal Ions

Jin Ju Yi
Chemistry

Molecular Capsules in Hydrogen-Bonded Host Frameworks

Group 18

Judges:

Professor Mike Landy, Psychology

Professor Marg Rhodes, Psychology

Marianne Reddan
Psychology

The Influence of Behavioral Control on Human Fear Acquisition
and Retention

Jennifer Lee
Psychology

Tripodal Ligand for Mercury Sensing

Liu Liu
Chemistry and Psychology

Event Segmentation Theory in Long-Term Memory

Soumya Maddala
Psychology

Optimal Navigation through Simple Terrains

Melinda Scott
Psychology and Anthropology

Regression and Delay Strategies Study

2:30 p.m.

Closing Ceremony, Hemmerdinger Hall

Welcome:

Matthew S. Santirocco, Dean of the College

Faculty Lecture:

Professor Karen Adolph

Professor of Psychology and Neural Science

Presentation of Awards:

Richard J. Kalb

Associate Dean for Students

Best in Panels

Ruth Shoemaker Wood

Assistant Dean for Students

Best in Posters

CAS Departmental Undergraduate Research Events

Anthropology

Anthropology Undergraduate Student Association (AUSA) Annual Research Conference
Tuesday, April 6, 3:30pm - 8:00pm & Thursday, April 8, 3:30pm - 5:30pm
101 Washington Place, Room 105

Art History

Honors Thesis Defenses
Ongoing throughout April

Classics

Honors Thesis Presentations
Friday, April 30, 12:00pm – 3:00pm, Silver Center
Seminar Room 503A

Comparative Literature

BRIO Issue Release Event
Wednesday, March 31, 2:00pm – 4:00pm
13-19 University Place, Room 222

Computer Science

Departmental Showcase: Undergraduate Research Project Presentations
Wednesday, May 5, 5:00pm - 9:00pm
Warren Weaver Hall, 13th Floor

Creative Writing

West 10th Reading and Reception
Saturday, April 3rd, 7:00pm
Lillian Vernon Creative Writers House, 58 West 10th Street

Undergraduate Reading and Reception hosted by Darin Strauss, Clinical Associate Professor of Fiction
Friday, April 23, 7:00pm
Lillian Vernon Creative Writers House, 58 West 10th Street

English

Honors Thesis Defenses
April 15, 22, 27, and 29, 12:30pm - 2:00pm
13-19 University Place, Room 101

Environmental Studies

Capstone Final Presentations "Greening NYU"
Tuesday, April 27, 5:00pm - 8:00pm
Silver Center, Room 507

Internship Final Presentations

Thursday, April 29, 3:30pm - 6:10pm
Bobst Library, LL149

Capstone Final Presentations "Greening NYC Transportation"
Tuesday, May 4, 5:00pm - 8:00pm
48 Cooper Square, Room 113

Center for European and Mediterranean Studies

CEMS Spring Reception to honor all undergraduate majors
Date and Time TBD

French

Awards Ceremony
Friday, April 30, 6:00pm
5 Washington Place, Room 101

Hellenic Studies

Honors Thesis Presentations
Thursday, April 15, 12:00pm
Place TBD

History

The Historian Issue Release Event
Wednesday, April 14, 6:00pm
King Juan Carlos Center Mezzanine

Irish Studies

Honors Thesis Presentations and Reception
Tuesday, May 4, Time TBD
Glucksman Ireland House

Italian Studies

Graduating Student Recognition
Friday, April 16, 4:00pm – 5:00pm
Casa Italiana, First Floor

Journalism

Honors Ceremony
Tuesday, May 11, 5:00pm
20 Cooper Square

Mathematics

Student Prize Ceremony
Friday, April 16, 3:30pm
Warren Weaver Hall, Room 109

Neural Science

Student Graduation Reception
Wednesday, May 12, 2:30 PM
Meyer, Room 815

Philosophy

Senior Honors Student Reception
Date and time TBD

Politics/IR

Honors Thesis Presentations
Friday, April 9, 9:00am - 5:00pm
19 West 4th Street, Room 212

SCA

SCA Conference
Friday, April 23, 9:00am – 5:00pm

20 Cooper Square, Conference Room 485

Sociology

Senior Honors Seminar Presentations
(Open only to students enrolled in the course)

Spanish and Portuguese

Honors Thesis Presentations
Friday, April 23, 3:00pm – 5:00pm
19 University Place, Room 222

Publications

Undergraduate students throughout CAS departments participate in the creation and production of journals. The following is a list of some of our various departmental journals.

BRIO (Comparative Literature)

The Historian (History)

Ink and Image (Art History)

Journal of Politics and International Affairs (Politics/International Relations)

Mercer Street (Expository Writing)

NYU Economics Journal (Economics)

NYU Working Papers in Linguistics (Linguistics)

West 10th (Creative Writing)