41st Undergraduate Research Conference

April 24, 2015

Poster Winners

Ahmed Alif & Bryan Nelson
Applied Psychology/Math & Psychology
Relationship between Academic Performance and Anxiety among Undocumented Community College Students: Preliminary Results

Julia Apoznanski
Anthropology
Molecular Analyses of East African Galagos (Order Primates)

Thomas Arce
International Relations
Through Rain or Shine: The Effect of Natural Disasters on Incumbent Vote Share

Daniel Cohen
Math & Computer Science
Automatic Advice Generation for GPU Kernels

Jayson Dorsett
Psychology
De-Personifying Morality: Abstract Reasoning Changes Moral Judgments

Amanda Fisher
Psychology
Reducing Test Anxiety Using Mental Contrasting

Michael Haugbro
Chemistry
Cyclochirality and Atropisomerism in Peptoid Macrocycles
Andrea Mariana Islas Regalado  
International Relations  
Trust Issues: Political Institutions, Leader Tenure and Foreign Direct Investment

Tanim Jain  
Biology  
Analysis of Subcellular Localization of Receptor Tyrosine Kinases Involved in Precardiac Cell Migration in Ciona intestinalis

Lauren Klingensmith  
Neural Science  
Expression of the NR2B Subunit of the NMDA Receptor at Axo-Spinous Synapses is Increased Following Induction of Activity-Based Anorexia in CA1 of the Dorsal Hippocampus of Female Pubertal Rats

Manav Kumar  
Chemistry  
Using Molecular Dynamics Simulations to Calculate the Dielectric Properties of Phosphorus Oxoacids

Ashima Oza  
Psychology  
Knowing Where You’re Going: Disambiguating Overlapping Routes

Odile Rodrik  
Psychology  
Reducing Perceived Political Polarization

Jessica Rothwell  
Anthropology  
Intentional Vault Modification and the Biomechanics of Head Balance

Michelle Rudshteyn  
Global Public Health & Chemistry  
Regulation of GOT1 in a Non-canonical Metabolism Pathway in Pancreatic Cancer

Mohammad Sadic  
Biology  
Dosage Compensation Complex Spreading in C. elegans
Doaa Shalabi
Economics
Using FIREWACCh as a New Tool for Identifying Key Transcription Factors Mediating the Direct Programming of Embryonic Stem Cells to Spinal Motor Neurons

Ilana Shiff
Psychology
Everyday Stories: How do Changes in Time and Space Shape Memory in People with and without Schizophrenia?

Nikita Singh
Global Public Health & Chemistry
Proinflammatory Biomarkers and Post-Breast Cancer Lymphedema

Panel Winners

Matheus Amaral
Politics & Economics
Evaluating the Effects of Wealth on Corruption in Brazilian Municipalities: An IV Design

Emily Badin
Psychology
Perception of Others Who Admit Susceptibility to Prejudice

Elle Barnes
Environmental Studies
The Birds of Urban Green Spaces: The Effects of Tree Species Richness on Avian Biodiversity

Kaustabh Basu
Chemistry & History
History Structure-Function Relationships in a Novel Class of Small-Molecule Cancer Chemotherapeutics

Chase Brennick
Psychology
Love at First Sight or Character Flawed? The Role of Physical Attractiveness and Character in Dating

**Monica Bulger**  
Art History & Classical Civilization  
“Let Them Say, ‘He Is A Better Man Than His Father!’”: An Examination of Paradigmatic Behavior in Portrayals of Heroic Fathers and Sons in Ancient Greek Art and Literature

**Olivia Chu**  
Mathematics  
Analysis of the “Euglenoid” Motion: Locomotion by Shape Deformations

**Clancey Cornell**  
Global Liberal Studies & Spanish  
Excavating thePhotographic Archive: Archival Art as Radical Archives

**Anthony Donadia**  
Global Public Health & History  

**Christopher Feldsine**  
English & American Literature  
Some Versions of Shakespeare in the Eighteenth Century

**Alice Fischetti**  
Comparative Literature & Romance Languages  
The Gaze of Narcissus: Ovidian Echoes in the Orlando Furioso

**Emily Frank**  
Sociology  
Contested Contexts: The Effects of Gentrification on a Public Park

**Nora Gorman**  
Art History  
Manuscript Collecting as Statecraft in the Courts of King Charles V of France and Jean, Duke of Berry, 1364-1416

**Alex Greenberger**  
Art History & Cinema Studies  
Cinema Studies One Big Soul: The Unity of Bill Viola’s “Going Forth By Day”
Paula Ho  
Journalism & Politics  
Millennial Celebrity Stalkers: The Evolution of American Pop Culture

Clara Koo  
Biology  
The Book of (Neuro)Genesis: Spatial Patterning of Neuronal Progenitors in the Inner Proliferation Center (IPC) of Drosophila melanogaster Optic Lobes

Benjamin Lang  
Language and Mind  
Could I Have a French Accent in My Native American English? First Language Phonetic Drift in Second Language Environments

Natalie McCauley  
International Relations & Environmental Studies  

Jordan McFadden  
History  
The Politics of Brotherhodds

Elizabeth Meshel  
Urban Design & Architecture Studies  
Reconsidering the Roles of Aplu in Etruscan Society

Katherine Mintz  
Environmental Studies & Economics  
Arguments and Actors in the Recent U.S. Genetically Modified Organism (GMO) Debate

Leah Mlyn  
Social & Cultural Analysis  
Cherry Picking the Material Trail of Border Crossings: Artifact Selection and Narrative Construction among Non-Migrants

Komal Patel  
Anthropology & Journalism  
Sisterhood of Survivors: Reintegration of Formerly Trafficked Women in Nepal
Claudia Sbuttoni  
Italian & Sociology  
Out of Sight, Out of Mind: An Historical Reappraisal of Fascist Internment of Ex-Yugoslavian Civilians during World War II

Danusha Selva Kumar  
Psychology  
The Impact of Perceiver Collectivism and Group Gender Composition on Evaluations of Task Groups

Brittany Sherman  
Politics  
The Effect of Increases in the Federal Minimum Wage on Domestic Violence Rates: A Difference in Differences Analysis

Lynn Shin  
Anthropology & Linguistics  
Conservative Talk Radio and the Alarmist Discourse of Ebola

Amber Smoczyk  
Politics & Spanish  
Internal Peace through Trade? The Effects of Trade Liberalization on Domestic Conflict

Joshua Tan  
History  

Terence Tan  
Psychology & History  
Same Shapes, Different Ways: Individual Differences in Problem Solving on the Ravens' Progressive Matrices

Eliot Thompson  
Latin American Studies  
Liga Continental: The Importance of Soccer in a Pan-Latino Enclave

Ahileas Tsahiridis-Krausser  
Economics & Philosophy  
Asymmetric Dominance in Gastronomy: An Experimental Study
Mitchell Wang
Biology & Economics
Purification of the \( \gamma \)-Secretase Complex from Pichia pastoris

Ilona Yagudayeva
Biology
Investigating the Selective Intrinsic Resistance of Cranial Motor Neurons to ALS and SMA

Anthony Yu
Chemistry
L-cystine Crystal Growth Inhibition Using Molecular Analogs

Cathy Zhu
International Relations
Money Doesn't Buy Friendship: Trade Effects on Political Cooperation