



MASTER COMPETITION SCHEDULE AND GRADUATE STUDENT PRESENTERS

Tuesday, April 11, 2017

Round 1: 9:00 am – 12:00 pm, Young Research Library, Room 11360

- **Eunjo An**, *Nursing* - Promoting Lifestyle Behavior Changes through Mindfulness Practice
- **Rachel Bolanos**, *Epidemiology* - DNA Blueprints and Biomarkers: Modeling HIV Related Cancer Cells
- **Chantle Edillor**, *Human Genetics* – Your life, as explained by your genome
- **Ali Fattahi**, *Anderson School of Management* – Designing Contracts Between Electricity Providers and Users to Reduce Power Consumption During High-Usage Hours
- **Brandon Green**, *Film, Television and Digital Media* – Seeing Style Off the Big Screen
- **Michael Hughes**, *Biological Chemistry* - (no presentation title)
- **Joojay Huyn**, *Computer Science* - Artificial Intelligence in Cybersecurity
- **Amal Katrib**, *Biomedical Physics* – Solving the Cancer Puzzle
- **Nicholas Matiasz**, *Bioengineering* – Building the Brain of a Robot Scientist
- **Akhil Modi**, *Anderson School of Management* – Community Renewables
- **Carla Neuss**, *Theater, Film and Television* - This is Your Brain on Medieval Theatre: applying cognitive science to the study of performance
- **Seth Pree**, *Physics* – Using Sound to Confine Hot Plasma
- **Robyn Price**, *Archaeology* - An Archeology of Scent: Unearthing the Human Experience
- **Leslie Rith-Najarian**, *Psychology* - Making Mental Health More Engaging and Accessible
- **Chelsea Shover**, *Epidemiology* - Prepping for a new era of HIV prevention
- **Le Shu**, *Integrative Biology & Physiology* - Network analysis brings new hope for treating heart disease
- **Danjie Su**, *Asian Languages and Cultures* - Chinese Grammar as An Example
- **Melissa Wiles**, *Epidemiology* – Rethinking Sexual Coercion
- **Gary Yeung**, *Electrical Engineering* – Making Electronic Personal Assistants Listen to Children
- **Ken Zhao**, *Atmospheric and Oceanic Science* - A slippery slope for the future of West Antarctica

Tuesday, April 11, 2017

Round 2: 2:00 pm – 4:30 pm, Young Research Library, Room 11360

- **Abdurhman Alzayed**, *Education* - The Impact of Digital Hyper-Connectivity on our Identity: Between Reality Creators and Life Spectators
- **Chia-Hsin (Emily) Cheng**, *Community Health Science* - Think, Eat, and Wellbeing: A Study of College Student Health
- **Fitz Gerald Diala**, *Molecular Biology* - Metronidazole kills *Trichomonas vaginalis*. But how?
- **Joey Essoe**, *Psychology* - Distinctive virtual reality contexts enhance learning and long-term retention-- for those who believe in them
- **David Gonzalez**, *Atmospheric and Oceanic Science* - Air Pollution, Free Radicals and Health
- **Sarah Hiyari**, *Dentistry* - Understanding the Genetics of Periodontitis
- **Hil Hsu**, *Epidemiology* - Anal Cancer: Let's Talk A'Butt It
- **Joey Lao**, *Engineering* - IoT (Internet of Things) in Healthcare
- **Erin Leonard**, *Earth, Planetary, and Space Sciences* - Enceladus: Hot or Cold?
- **Adina Matisoff**, *Geography* - (De)Constructing the Asian Infrastructure Investment Bank
- **Yujia Peng**, *Psychology* - The Role of Causality in the Perception of Human Actions
- **Kaitlyn Sanborn**, *African Studies* - Motivations for Refugee Violence in Africa's Great Lakes Region
- **Jiming Sheng**, *Physics* - Developing a Cure for AIDS by Modeling and Simulation
- **Ashley Schoenfeld**, *Earth, Planetary, and Space Sciences* - The Mystery Moon: Unveiling Titan's Geology
- **Jayashri Srinivasan**, *Education* - Model based approach for measuring teacher's classroom practices
- **Andy Tay**, *Bioengineering* - Using magnetotactic bacteria to understand magneto-reception
- **Di Wu**, *Chemical Engineering* - "The Escape" : Novel medicine escape from immune clearance
- **Yichen Wu**, *Electrical Engineering* - c-AIR: computational platform that "sees" particles in air.
- **Quan Zhou**, *Molecular and Medical Pharmacology*

Wednesday, April 12, 2017

Round 3: 9:00 am – 12:00 pm, Young Hall, Room 2033

- **Guillermo Aviles-Rodriguez**, *Theater, Film and Television* - Watts in a Name?
- **Karime Castillo**, *Archaeology* - Glass Production in Colonial Mexico
- **Taylor Corcoran**, *Anderson School of Management* - Cancer vs. the Common Cold: Optimizing Drug Approvals
- **Krystal Cunningham**, *Materials Science and Engineering* - The Past Informs the Future: Ancient Egyptian "Cobalt Blue" Ceramics
- **Oscar Fabela**, *Theater, Film and Television* - Shakespeare for the 2017 Public
- **Lila Gitesatani**, *Law* – Cheap Justice
- **Cindy Lee**, *Education* - English Learners and Oral Language Anxiety: An Approach using LEGO® StoryStarter
- **Marzieh Mandizadeh**, *Mechanical and Aerospace Engineering* - Opportunities for Low Value Heat Recovery at Wastewater Treatment Plants
- **Moupi Mukhopadhyay**, *Materials Science and Engineering* - A Study in Scarlet: How alchemy helps detectives

- **Emily Murzinski**, *Chemistry and Biochemistry* - Development of Novel Ghrelin O-acyl Transferase (GOAT) Inhibitors
- **Teresa Nguyen**, *Psychology* - Marriage: Why Do Some Last While Others Fail?
- **Nisha Parekh**, *Law and Public Policy* - The Colonial History of Economic Development
- **Alexandra Polasko**, *Civil and Environmental Engineering* - A Hero for Water: Detecting Beneficial Bacteria to Clean Pollutants
- **Pradeep Rajendran**, *Molecular, Cellular, & Integrative Physiology* - Neuromodulation as a Treatment for Cardiac Disease
- **Aliz Rao**, *Human Genetics* - Discovering the genetic causes of autism
- **Amr Khalaf Shahat**, *Archaeology* - Grains for Lives: Learning from Ancient Egyptian Granaries
- **Mark Straccia**, *Psychology* - Focus on This: Using Neurofeedback to Improve Attention
- **Amanda Wagner**, *Environmental Health Sciences* - Using Thin-Layer Sediment Placement to Help Coastal Wetlands Combat Sea Level Rise
- **You Wang**, *History* - Control the Water: Rivers and Modernity in the Era of Industrialization
- **Xuanyi Wu**, *Materials Science and Engineering* - Contributions of Pigmentation and Biophotonic Nanostructures to the Iridescence of Hummingbird Feathers

Wednesday, April 12, 2017

Round 4: 2:00 pm – 4:30 pm, Young Hall, Room 2033

- **Mia Bennett**, *Geography* – Development on Ice: Arctic Infrastructure and Environmental Change in the Anthropocene
- **Roselyn Campbell**, *Archaeology* – Kill Thy Neighbor: The Process of Violence in the Past and the Present
- **Joseph Garand**, *Education* – Psychedelics Save Lives: A Case Study
- **Mojhgan Haghnegahdar**, *Earth, Planetary, and Space Sciences* – A Model for $^{12}\text{CH}_2\text{D}_2$ and $^{13}\text{CH}_3\text{D}$ as Complementary Tracers for the Budget of Atmospheric Methane
- **Irene Han**, *Classics* – In the Realm of the Senses: Plato and the Metaphysical Feminine
- **Matilde Miranda**, *Molecular Biology* – Skin deep: The role of CREB in hair follicle maintenance
- **Tiara Moore**, *Ecology and Evolutionary Biology* – Exploring Eutrophication driven estuarine acidification in the Carpinteria Salt Marsh
- **Chelsea Romney**, *Psychology* – Positive Relationship Predictors of Lower Cortisol in Married Couples
- **Nhu Tran**, *Nursing* – Is Dysfunction in Brain Blood Flow the Mechanism of Injury and Developmental Delay in Newborns with Congenital Heart Disease (CHD)?
- **Tyler Watson**, *Environmental Health Sciences* - The Student Food Struggle
- **Yan Yan**, *Chemistry and Biochemistry* – Saving Energy with Porous Window Coating

Tuesday, April 18, 2017

Semi-Final Round A: 9:00 am – 12:00 pm, Young Research Library, Room 11360

- **Rachel Bolanos**, *Epidemiology* - DNA Blueprints and Biomarkers: Modeling HIV Related Cancer Cells
- **Taylor Corcoran**, *Anderson School of Management* - HIV vs Hypertension: Optimizing Drug Approvals
- **Joseph Garand**, *Education* - Psychedelics Save Lives: A Case Study
- **David Gonzalez**, *Atmospheric and Oceanic Sciences* - Free Radicals from Air Pollution: Contributions to Health Effects?
- **Nicholas Matiasz**, *Bioengineering* - Building the Brain of a Robot Scientist
- **Tiara Moore**, *Ecology and Evolutionary Biology* - Exploring Eutrophication Driven Estuarine Acidification in the Carpinteria Salt Marsh
- **Teresa Nguyen**, *Psychology* - Marriage: Why Do Some Last While Others Fail?
- **Alexandra Polasko**, *Civil and Environmental Engineering* - A Hero for Water: Detecting Beneficial Bacteria to Clean Pollutants
- **Robyn Price**, *Archaeology* - An Archaeology of Scent: Unearthing the Human Experience
- **Jiming Sheng**, *Physics* - Developing a Cure for AIDS by Modeling and Simulation
- **Mark Straccia**, *Psychology* - Focus on This: Using Neurofeedback to Improve Attention
- **Amanda Wagner**, *Environmental Health Sciences* - Using Thin-Layer Sediment Placement to Help Coastal Wetlands Combat Sea Level Rise
- **Gary Yeung**, *Electrical Engineering* - Making Electronic Personal Assistants Listen to Children

Tuesday, April 18, 2017

Semi-Final Round B: 1:30 pm – 4:30 pm, Young Research Library, Room 11360

- **Chia-Hsin (Emily) Cheng**, *Community Health Science* - Think, Eat, and Wellbeing: A Study of College Student Health
- **Hil Hsu**, *Epidemiology* - Anal Cancer: Let's Talk A'Butt It
- **Joey Lao**, *Engineering* - IoT (Internet of Things) in Healthcare
- **Cindy Lee**, *Education* - English Learners and Oral Language Anxiety: An Approach Using LEGO® StoryStarter
- **Erin Leonard**, *Earth, Planetary, and Space Sciences* - Enceladus: Hot or Cold?
- **Matilde Miranda**, *Molecular Biology* - Skin Deep: The Role of CREB in Hair Follicle Maintenance
- **Carla Neuss**, *Theater, Film, and Television* - This is Your Brain on Medieval Theatre: Applying Cognitive Science to the Study of Performance
- **Pradeep Rajendran**, *Molecular, Cellular, and Integrative Physiology* - Neuromodulation as a Treatment For Cardiac Disease
- **Aliz Rao**, *Human Genetics* - Discovering the Genetic Causes of Autism
- **Leslie Rith-Najarian**, *Psychology* - Making Mental Health More Engaging and Accessible
- **Kaitlyn Sanborn**, *African Studies* - Motivations for Refugee Violence in Africa's Great Lakes Region
- **Nhu Tran**, *Nursing* - Is Brain Blood Flow Dysfunction the Mechanism of Injury and Developmental Delay in Newborns with Congenital Heart Disease (CHD)?
- **Tyler Watson**, *Environmental Health Sciences* - The Student Food Struggle

Tuesday, April 25, 2017

Final Competition: 5:00 pm – 7:30 pm, California NanoSystems Institute (CNSI)

- **Taylor Corcoran**, *Anderson School of Management* - HIV vs Hypertension: Optimizing Drug Approvals
- **David Gonzalez**, *Atmospheric and Oceanic Sciences* - Free Radicals from Air Pollution: Contributors to Health Effects?
- **Hil Hsu**, *Epidemiology* - Anal Cancer: Let's Talk A'Butt It
- **Cindy Lee**, *Education* - English Learners and Oral Language Anxiety: An Approach Using LEGO® StoryStarter
- **Erin Leonard**, *Earth, Planetary, and Space Sciences* - Enceladus: Hot or Cold?
- **Nicholas Matiasz**, *Bioengineering* - Building the Brain of a Robot Scientist
- **Carla Neuss**, *Theater, Film, and Television* - This is Your Brain on Medieval Theatre: Applying Cognitive Science to the Study of Performance
- **Teresa Nguyen**, *Psychology* - Marriage: Why Do Some Last While Others Fail?
- **Alexandra Polasko**, *Civil and Environmental Engineering* - A Hero for Water: Finding and Growing Bacteria to Clean our Water
- **Robyn Price**, *Archaeology* - An Archaeology of Scent: Unearthing the Human Experience
- **Leslie Rith-Najarian**, *Psychology* - Making Mental Health Treatment More Engaging and Accessible
- **Gary Yeung**, *Electrical Engineering* - Making Electronic Personal Assistants Listen to Children