MASTER COMPETITION SCHEDULE AND GRADUATE STUDENT PRESENTERS

Tuesday, April 11, 2017

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

- **Eunjoo 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