



Monday, April 6, 2015

Round 1: 9:00 am – 11:00 am, Royce Hall, Room 314

- **Josh Joy**, Computer Science - *StreamX*
- **Roch Nianogo**, Epidemiology - *Agent-based model of obesity: A new approach to forecasting disease burden and health intervention impacts*
- **Brian Odegaard**, Psychology - *Recalibrating Your Brain: How Space and Time Influence the World Inside Your Head*
- **Juan Carlos Rodriguez Tapia**, Community Health Science – *Pain and sleep disorders in older adults*
- **David Schieber**, Sociology - *Money, Morals, and Condom Use: The Politics of Health in Gay and Straight Adult Film Production*
- **Wei-Yang Sun**, Mechanical and Aerospace Engineering - *Ultra Efficient Computing Devices from Deformed Nano-Magnets*
- **Gwyneth Talley**, Anthropology - *Stallions and Men: Masculinity in Traditional Moroccan Horseback Riding*

Round 2: 1:00 pm – 3:00 pm, Kerckhoff Hall State Room

- **Shivan Bonanno**, Neuroscience Interdepartmental Program - *Encoding Memory in a Protein's Shape*
- **Yichang Chen**, Molecular Toxicology - *Are "BPA-Free" plastic products really safe?*
- **Michael Einstein**, Neurology - *Neural Mechanisms of Attention*
- **Leigh-Michil George**, English - *Sentiment and Laughter: Caricature in the Novel, 1742-1837*
- **Roni Hazim**, Neuroscience - *An in vitro stem cell model for AMD*
- **David Lick**, Psychology- *Prejudice is in the Eye of the Beholder: Interdisciplinary Approaches to Prejudice Reduction*
- **Jean Paul Santos**, Electrical Engineering - *Novel Antenna Array Enabling Direct-to-Earth (DTE) Communications in Mars Rovers*

Tuesday, April 7, 2015

Round 3: 9:00 am – 11:00 am, Royce Hall, Room 314

- **Sarah Hersman**, Neuroscience Interdepartmental Program, Psychology - *Using Lasers to Illuminate Acetylcholine's Role in Fear Memory*
- **Aanchal Kohli**, Institute of the Environment and Sustainability - *Air For U: Air Quality Awareness*
- **Jiasun Li**, Finance - *What Is a Firm? An Economist's Perspective*
- **Wanderley Reis**, Spanish and Portuguese - *Monteiro Lobato and the United States*
- **Lauren Sherman**, Psychology - *Social Media and the Teen Brain*
- **Linqi Song**, Electrical Engineering - *Content-Type Telecommunications*

Round 4: 2:00 pm – 4:00 pm, Gonda Center, 1st Floor Conference Room

- **Haosi Howard Chen**, Music - *Time Layers*
- **Ricardo Garcia**, History - *Petitions and Power: Indigenous Arguments from Western New Spain*
- **Dahlia Schweitzer**, Cinema and Media Studies - *Going Viral: Cultural Panic and Outbreak Narratives in American Film and TV*
- **Scott Strutner**, Mechanical and Aerospace Engineering - *Magnetic Sensors for Safety*
- **Konstantine Tsotsos**, Computer Science - *Visual and Inertial Sensing for Autonomous Robots*

Wednesday, April 8, 2015

Round 5: 9:00 am – 11:00 am, Young Hall, Room 2033

- **Jonathan Collins**, Political Science - *Paying for Schools with Social Capital*
- **Katherine Fehlhauer**, Neuroscience - *Seeing the light: How our eyes use calcium to adapt to brighter environments*
- **Irene Han**, Classics - *Vertigo: Ovid's Woman*
- **Carlos Eduardo Hernandez**, Economics - *What Does Not Kill You Makes You Stronger: How Breweries Survived Prohibition*
- **Ben Kaufman**, Urban Planning - *Re-inventing the Bus Stop: Design Guidelines and Analysis for Transit-Friendly Parklets in Alameda County*
- **Nathan Majernik**, Physics - *Betatron light source*
- **Tuyen Phung**, Bioinformatics Interdepartmental Program - *We are the 0.1%. Driving force of DNA differences in humans*

Round 6: 2:00 pm – 4:00 pm, Young Hall, Room 2033

- **John Abendroth**, Chemistry - *The New Spin on DNA*
- **Ronny Choe**, Integrative Biology and Physiology - *Zebrafish C-Start Habituation: Ideal System for Understanding Learning and Memory*
- **Leonardo Christov-Moore**, Psychiatry and Biobehavioral Sciences - *Selective Altruism: Empathy and Its Control*
- **Jenny Link**, Molecular Biology Interdepartmental Program - *Two X chromosomes cause obesity*
- **Chelsea Shover**, Epidemiology - *Recruiting study participants through Craigslist personals ads*

Thursday, April 9, 2015

Round 7: 9:00 am – 11:00 am, Charles E. Young Research Library (YRL), Room 11360

- **Eric Chen**, Dentistry - *A Drug Designed to Regrow Bone in the Human Body*
- **Jennifer Dirkes**, Music - *The Storyboard Score: An Analytical Approach to Film Music*
- **Calvin Ho**, Sociology - *Why is it so hard for international students to stay in America?*
- **Yean Eric Lee**, Mechanical Engineering - *Why We Have More Energy than We Can Harvest*
- **Nako Nakatsuka**, Chemistry - *Combating Neurodegenerative Diseases at the Nanoscale*
- **Alejandra Priede Schubert**, Education - *Evaluations as interventions: unintended process use by program recipients*
- **Yibo Zhang**, Electrical Engineering - *Lensfree on-chip microscope for cancer detection*
- **Zhengliu Zhou**, Mechanical and Aerospace Engineering - *Multiferroic antenna-Embracing the challenge of miniaturization*

Round 8: 1:00 pm – 3:00 pm, Charles E. Young Research Library (YRL), Room 11360

- **Zahra M. Aghajan**, Physics and Astronomy - *Brain's cognitive map in real and virtual environments*
- **May Bhetraratana**, Molecular Toxicology - *Searching for the link between air pollution and cardiovascular disease*
- **Daniel Franken**, History - *Growing Taller, Remaining Unequal: The Anthropometric History of Brazil, 1850-1950*
- **Bryan Kirschen**, Spanish and Portuguese - *Finding the Judeo-Spanish Voice of Los Angeles's Sephardic Community*
- **Wei Luo**, Electrical Engineering - *Imaging without lenses: an on-chip computational microscopy*
- **Hannah Williamson**, Psychology - *Improving relationships for low-income couples*

Friday, April 10, 2015

Round 9: 9:00 am – 11:00 am, Charles E. Young Research Library (YRL), Room 11360

- **Zoe Baker**, Public Health - *Barriers to Obstetric Fistula Treatment in Developing Countries*
- **Nicco Reggente**, Psychology - *Deduction reduction: How the mere wiring of your brain predicts your intelligence*
- **Christina Van**, Molecular Biology Interdepartmental Program - *Viral Therapy for Multiple Sclerosis*

Round 10: 2:30 pm – 4:30 pm, Gonda Center, 1st Floor Conference Room

- **Oscar Campos**, Molecular Biology - *Biological forces in the evolution of genome architecture*
- **Sepehr Ghassemi**, Mechanical Engineering - *Solving Robotics Biggest Problem*
- **Breana Loraine**, Musicology - *Neoliberal Capitalism and Licensing in the Contemporary Film and Television Music Industry*
- **Aolin Wang**, Epidemiology - *Opening the black box: understand the pathways between night shift work and heart disease*

SEMI-FINAL Rounds

Tuesday, April 14, 2015

Round 11: 9:00 am – 11:00 am, Royce Hall, Room 314

- **Katherine Fehlhaber**, Neuroscience - *Seeing the light: How our eyes use calcium to adapt to brighter environments*
- **Sarah Hersman**, Neuroscience Interdepartmental Program, Psychology - *Using Lasers to Illuminate Acetylcholine's Role in Fear Memory*
- **Yean Eric Lee**, Mechanical Engineering: *Why We Have More Energy than We Can Harvest*
- **Nathan Majernik**, Physics - *Betatron light source*
- **Roch Nianogo**, Epidemiology - *Agent-based model of obesity: A new approach to forecasting disease burden and health intervention impacts*
- **Brian Odegaard**, Psychology - *Recalibrating Your Brain: How Space and Time Influence the World Inside Your Head*
- **Jean Paul Santos**, Electrical Engineering - *Novel Antenna Array Enabling Direct-to-Earth (DTE) Communications in Mars Rovers*
- **Lauren Sherman**, Psychology - *Social Media and the Teen Brain*
- **Scott Strutner**, Mechanical and Aerospace Engineering - *Magnetic Sensors for Safety*
- **Konstantine Tsotsos**, Computer Science - *Visual and Inertial Sensing for Autonomous Robots*

Round 12: 2:00 pm – 4:00 pm, Career Center, Room 200

- **Zoe Baker**, Public Health - *Barriers to Obstetric Fistula Treatment in Developing Countries*
- **May Bhetraratana**, Molecular Toxicology - *Searching for the link between air pollution and cardiovascular disease*
- **Oscar Campos**, Molecular Biology – *Distorted DNA Structure in cancer*
- **Leonardo Christov-Moore**, Psychiatry and Biobehavioral Sciences - *Selective Altruism: Empathy and Its Control*
- **David Lick**, Psychology- *Prejudice is in the Eye of the Beholder: Interdisciplinary Approaches to Prejudice Reduction*
- **Jenny Link**, Molecular Biology Interdepartmental Program - *Two X chromosomes cause obesity*
- **Christina Van**, Molecular Biology Interdepartmental Program - *Viral Therapy for Multiple Sclerosis*
- **Aolin Wang**, Epidemiology - *Opening the black box: Pathways from Night Shift to Heart Disease*
- **Hannah Williamson**, Psychology - *Improving relationships for low-income couples*
- **Yibo Zhang**, Electrical Engineering - *Lensfree on-chip microscope for cancer detection*

FINALS

Thursday, April 16, 2015

5:30 pm – 8:00 pm, Pauley Pavilion, Pavilion Club

- **Oscar Campos**, Molecular Biology - *Distorted DNA structure in cancer*
- **Sarah Hersman**, Neuroscience Interdepartmental Program, Psychology - *Using Lasers to Illuminate Acetylcholine's Role in Fear Memory*
- **Brian Odegaard**, Psychology - *Recalibrating Your Brain: How Space and Time Influence the World Inside Your Head*
- **Jean Paul Santos**, Electrical Engineering - *Novel Antenna Array Enabling Direct-to-Earth (DTE) Communications in Mars Rovers*
- **Aolin Wang**, Epidemiology - *Opening the Black Box: Pathways from Night Shift to Heart Disease*
- **Yibo Zhang**, Electrical Engineering - *Lensfree On-Chip Microscope for Cancer Detection*

Updated 4/15/15