

2 Wellman Hall

- 3:00 PM Su, Vanessa - Biotechnology
Advancing Western Blotting Techniques – Exploring pH, Salt Composition, and Transfer Stack Sizes
- 3:15 PM Samanta, Siona - Neurobiology, Physiology and Behavior
Advancing Western Blotting Techniques – Exploring pH, Salt Composition, and Transfer Stack Sizes
- 3:30 PM Boquiren, Mazel - Neurobiology, Physiology and Behavior
Advancing Western Blotting Techniques – Exploring pH, Salt Composition, and Transfer Stack Sizes
- 3:45 PM Miranda, Ana C. - Human Biology
Reducing Nonspecific Binding on Western Blot: Effects of Combination Blocking and Temperature Variation in Blocking Solution
- 4:00 PM Ali, Omnia - Biochemistry and Molecular Biology
Reducing Nonspecific Binding on Western Blot: Effects of Combination Blocking and Temperature Variation in Blocking Solution

6 Wellman Hall

- 3:00 PM Yerrabolu, Aditya - Biological Systems Engineering
End Effector and Computer Vision System for an Automated Mushroom Harvester
- 3:15 PM Dentinger, Tazlina - Biological Systems Engineering
End Effector and Computer Vision System for an Automated Mushroom Harvester
- 3:30 PM Tas, Rachel S. - Biological Systems Engineering
End Effector and Computer Vision System for an Automated Mushroom Harvester
- 3:45 PM Chao, Irvin - Biological Systems Engineering
End Effector and Computer Vision System for an Automated Mushroom Harvester
- 4:00 PM Cui, Yang - Animal Biology
Using Micro-CT Scans and Deep Learning AI to Generate Three-dimensional Models of Aedes aegypti Reproductive Organs for Research and Education

106 Wellman Hall

- 3:00 PM Tong, Terry - Computer Science and Engineering
Charging Meter: Leveraging Combinational Triggers for Trojan Attacks on Multi-turn Dialogue LLMs
- 3:15 PM Zhu, Sabrina - Applied Mathematics
Cyclic Sieving Phenomena on Necklace Patterns
- 3:30 PM Pek, Agnes - Chemistry
Investigating Intermolecular Dynamics of Astrochemically Relevant Five-Membered Nitrogen Heterocycles with Rotational Spectroscopy
- 3:45 PM Mittal, Aditya - Statistics
Tower Debias: Eliminating the Effect of Sensitive Variables from Black-Box Machine Learning Models

115 Wellman Hall

- 3:00 PM Sit, Emily - Animal Biology
The Bay Area Food Guide - Coyote Edition: Comparing the Diets of Urban and Non-urban Coyotes via Stable Isotope Analysis
- 3:15 PM Morey, Brooke - Anthropology
Stable Isotope Analysis of Deer Remains from Alameda County
- 3:30 PM Su, Ryann - Animal Biology
Aggression of Dark-eyed Juncos (Junco hyemalis) in Post-Wildfire Forests
- 3:45 PM Sweeney, Joe - Wildlife, Fish and Conservation Biology
Ventilation, Microclimate, and Nest Success in Wood Duck (Aix sponsa) Nestboxes
- 4:00 PM Meadows, Ryan - Entomology
Effects of Wildfire ash on Ixodes Pacificus Respiration, Cuticle Health, and Survival

119 Wellman Hall

- 3:00 PM **Maxwell, Cohen - Environmental Science and Management**
*A Comparison of Invertebrate Facilitation Between *Pelvetiopsis limitata* and *Fucus distichus* in the Harbor vs. Open Coast*
- 3:15 PM **Deigan, Mikayla - Geology**
Multiproxy Stalagmite Climate Reconstruction of the 8.2 ka event in the Southern Sierra Nevada, California
- 3:30 PM **Roybal, Evan A. - Biochemistry and Molecular Biology**
Artisanal and Small-Scale Gold Mining Causes Changes in Vertebrate Biodiversity in the Peruvian Amazon
- 3:45 PM **Cziko, Jocelyn - Geology**
Multiproxy Stalagmite Climate Reconstruction of the 8.2 ka event in the Southern Sierra Nevada, California
- 4:00 PM **Bala, Sindhu - Evolution, Ecology and Biodiversity**
Effects of an Endocrine Disrupting Chemical on Sea Urchin Larval Development and Survival
- 4:15 PM **Williams, Caden C. - Geology**
Microbially Mediated Weathering in the Basaltic Lava Caves of Lava Beds National Monument, CA

126 Wellman Hall

- 3:00 PM **Tran, Taylor A. - Neurobiology, Physiology and Behavior**
Characterizing novel peptide NHIP in relation to oxidative stress and gene expression
- 3:15 PM **Zaynor, Miranda - Animal Science**
Dose-dependent Mock Maternal Antibody Protection Against IBV
- 3:30 PM **Desarkar, Aniket - Neurobiology, Physiology and Behavior**
Digital Gait Markers from GAITrite for Potential Pre-Diagnosis of Fragile X-Associated Tremor/Ataxia Syndrome
- 3:45 PM **Kawai, Ray - Cell Biology**
Intercontinental Insights into Autism Spectrum Disorder: A Synthesis of Prevalence, Environmental Influences, and DNA Methylation
- 4:00 PM **Wong, Melinda - Biochemistry and Molecular Biology**
Defining the Estrogen Synthesis Pathway in the Zebrafish Ovary
- 4:15 PM **Thrall, Emily - Biomedical Engineering**
Newborn Blood DNA Methylation Correlates With Risk of Autism Spectrum Disorder in the Grandchild and Grandparental Cigarette Smoking and Alcohol Consumption During Pregnancy

202 Wellman Hall

- 3:00 PM **Ma, Yanki - Neurobiology, Physiology and Behavior**
Examining the Interaction Between Sensory Proprioceptive Signaling and Muscle Fiber Composition
- 3:15 PM **Caceres, Anelise - Biomedical Engineering**
Methods for Analysis of MRI and PET Images for Monkey Model of Social Connectedness
- 3:30 PM **Erices, Carissa - Human Biology**
Temporal Progression of Neuroinflammation and Neurodegeneration in a Monkey Model of Alzheimer's Disease
- 3:45 PM **Blumwald, Jake - Neurobiology, Physiology and Behavior**
Identifying a Grid-Like Code during Value-Based Decision-Making in the Entorhinal Cortex (EC) & Ventromedial Prefrontal Cortex (vmPFC).
- 4:00 PM **Lopez, Sebastian - Cognitive Science**
Learning Algorithms in Basic Neuroscience: Decoding the Contents of Attention.
- 4:15 PM **Novak, Josius - Linguistics**
Manipulation of Syllable Perception for Highly Variable Liquid Rime Words via Synthesized Acoustic Beat Stimuli

205 Wellman Hall

- 3:00 PM **Forster, Simona - Political Science--Public Service**
Sterilization as a Contraceptive Method: An Empirical Analysis of the Impact of Catholic Hospital Market Share on Estimated Demand of Contraceptives & Sterilization Procedures
- 3:30 PM **Venkatesh, Ember - Psychology**
Gender Diversity and Identification with Gendered Experiences of Adults with Intellectual Disability
- 3:45 PM **Perez, Aileen E. - Genetics and Genomics**
The Future of Gene Editing: An Analysis of Ethical Concerns and Public Perception
- 4:00 PM **Nguyen, Theresa - Neurobiology, Physiology and Behavior**
Communication in Healthcare: The Missing Pieces

207 Wellman Hall

- 3:00 PM Djadri, Hadil - International Relations
NEW YORK TIMES MEDIA PROJECT: The Representation of Algerians in the 1960s
- 3:15 PM Yasar, Mahir A. - Political Science
Analysis of the Representation of Iraqis in the 1960s by the New York Times
- 3:30 PM Jabbari, Eva - Environmental Policy Analysis and Planning
New York Times Media Project: The Representation of Syria in the 1960s
- 3:45 PM Mohammad, Aaminah - International Relations
The New York Times Representation of Egypt in the 1960s

212 Wellman Hall

- 3:00 PM Ananda, Keerthana - Biomedical Engineering
Engineering Extracellular Vesicles Using Cell-Free Protein Synthesis
- 3:15 PM Gutierrez, Timothy - Neurobiology, Physiology and Behavior
Acquired Mutations in Bcor Promote Thrombocyte Counts
- 3:30 PM Tsonov, Maykal - Animal Science
Effects of Bioactive Fatty Acids on Differentiation and Lipid Metabolism in Bovine Primary Preadipocytes
- 3:45 PM Al Tekreeti, Taha - Biochemistry and Molecular Biology
Pathogenic Effects of Antimitochondrial Antibodies in Primary Biliary Cholangitis
- 4:00 PM Tummala, Sweta Reddy. - Neurobiology, Physiology and Behavior
The Microbiome and Cancer Treatments

226 Wellman Hall

- 3:00 PM Kini, Ravi - Linguistics
Idol Talk: Narratives of Desire in K-pop Fandom
- 3:15 PM Shenoy, Steven - Japanese
Economy of Sex Work in the Fiction of Ihara Saikaku
- 3:30 PM Granger, Emily - English
Visiting Chaucer's Kitchens: Analyzing Professional and Domestic Cooks in The Canterbury Tales
- 3:45 PM Grimes, Sarah - Art History
From Preschool to Picasso: What the Art Museum Can Learn From Children's Museum Exhibit Design
- 4:00 PM O'Connell, Shane - English
The Sublime and Climate Crisis
- 4:15 PM Nelson, Isabel R. - Art History
Exhibiting the Erotic: Erotic Japanese Prints from the Edo Period (1700 to 1820) & How and Why Shunga Should Be Displayed

230 Wellman Hall

- 3:00 PM Ghafoor, Maha - Political Science
Understanding Asylum Acceptance Disparities and Political Shifts: Migration Waves into EU and EEA Member States and Switzerland from Predominantly Muslim Nations and Ukraine
- 3:15 PM Victa, Olivia - International Relations
Protecting Overseas Filipino Workers: Conditions of Negotiation for Bilateral Labor Agreements
- 3:30 PM Gonzalez, Jesus - Spanish
Deportation and Reintegration: Migrant Perspectives
- 3:45 PM Granderson, Pharaoh - Managerial Economics
Financial Constraints and Vulnerable Populations: Unraveling the Correlation Between Limited Access to Bank Credit and the Proliferation of Human Trafficking Networks

234 Wellman Hall

- 3:00 PM Ng, Ethan H. - Pharmaceutical Chemistry
Integrin Signaling Pathway in Long-Lived Ames Mice
- 3:15 PM Gardizi, Massie - Neurobiology, Physiology and Behavior
Cytoskeletal Regulation by Rho GTPase Pathway in Long-Lived Aimes Mice
- 3:30 PM Le, Bao Ngoc - Biochemistry and Molecular Biology
Spontaneous Seizures and Altered Cognitive Outcomes in Adult Rats Following Acute Intoxication with DFP
- 3:45 PM BANERJEE, ARIANA R. - Neurobiology, Physiology and Behavior
Beta-Hydroxybutyrate Modulates Aging-related Markers in Mouse Microglia