

2 Wellman Hall

- 1:00 PM So, Mae Yue - Biochemistry and Molecular Biology  
*Association of Plasma Neurofilament Light and White Matter Hyperintensity on Memory: Differential Findings across Apolipoprotein E Risk Groups in Normal Aging*
- 1:15 PM Yi, Shannon - Food Science  
*Antioxidant Potential of Walnut Skin Tisane*
- 1:30 PM Wei, Yijun - Neurobiology, Physiology and Behavior  
*Chemoenzymatic Strategies for Highly Efficient Gram-Scale Synthesis of Human Milk Oligosaccharides (HMOs)*
- 1:45 PM Osifo-Doe, Cyril A. - Neurobiology, Physiology and Behavior  
*Ketogenic Functional Overload*
- 2:00 PM Huang, Katie - Neurobiology, Physiology and Behavior  
*Studying the Roles of a Quinolinic Acid Biosynthesis Factor BNA1 in NAD<sup>+</sup> Homeostasis Using *Saccharomyces cerevisiae**
- 2:15 PM Vo, Emily - Plant Sciences  
*Studying Molecular Players involved in Cell Plate Development during Plant Cytokinesis*

6 Wellman Hall

- 1:00 PM Ramos Gonzalez, Monzerrath - Clinical Nutrition  
*Policy, Systems, and Environmental Strategies to Increase use of SNAP Benefits at Farmers Markets: A Systematic Review*
- 1:15 PM Mills, Jackson C. - Community and Regional Development  
*Analyzing the Effects of COVID-19 on Transit Ridership: A Multi-Year Perspective*
- 1:20 PM Nair, Nishita - Sociology  
*TANF Spending Overtime: Why Texas and Arizona Spend Their Block Grant on Child Welfare Instead of Cash Assistance*
- 1:45 PM Miao, Yang - Managerial Economics  
*The Impact of the COVID-19 on Consumer Behavior and E-Commerce in the United States*
- 2:00 PM Serrano, Sophia - Communication  
*Halting the Asphalt Plant: A Community Effort*
- 2:15 PM Cho, Audrey C. - Environmental Policy Analysis and Planning  
*Water, Land, and Power: The Legacy of Asian American Exclusion in the California Water Rights System*

106 Wellman Hall

- 1:00 PM Shahvali, Tania - Pharmaceutical Chemistry  
*Stereoselective Synthesis of Carbocycles by C–H Insertion of Donor/Donor Carbenes*
- 1:15 PM Zhu, Peggy - Electrical Engineering  
*A Hands-on Sustainable Energy System to Empower Tomorrow's Engineers*
- 1:30 PM Chabroux, Amy - Pharmaceutical Chemistry  
*PsychedelCLiCKs – Development of Clickable Compounds for Deducing Psychedelic's Mechanisms of Action*
- 1:45 PM Tsui, Nathan - Materials Science and Engineering  
*Determining Antiferromagnetic Moment Orientations from Domain Images by Pixel-by-Pixel Analysis*
- 2:00 PM Diener, Agustina - Biomedical Engineering  
*Identifying force-dependent protein interactions surrounding actin filaments*

119 Wellman Hall

- 1:00 PM Basraon, Arjun - Biotechnology  
*Genetics of Destemming in Pepper*
- 1:15 PM Tsen, Muyun - Global Disease Biology  
*Assessing Olive Maturity and Ripening in Orchards Under Different Irrigation Regimes*
- 1:30 PM Alvaro Ceja, Deysi - Plant Sciences  
*Enhancing Tomato Nutritional Value: CRISPR Cas9 Approach for Vitamin C Biofortification*
- 1:45 PM Guel, Bella - Biological Sciences  
*Investigating Candidatus *Liberibacter solanacearum* Effectors Responsible for Morphological Changes in Tomato*
- 2:00 PM Lujan, Ivan A. - Microbiology  
*Influence of Auxin and Cytokinin on Growth in Dryland Moss *Syntrichia caninervis* Brid*
- 2:15 PM Sacoolas, Jady S. - Entomology  
*Within-Plant Distribution of Key Pests of Lettuce (*Western Flower Thrips* and *Aphids*) and Interaction With Time*

## 126 Wellman Hall

- 1:00 PM Wouters, Jalena R. - Biological Sciences  
*Genomic Diversity Within the Genus Xiphophorus*
- 1:15 PM Bolanos, Chloe - Animal Science  
*Sound Enrichment Effects on Stabled Horses*
- 1:30 PM Bunting, Jon - Psychology  
*Happy Plants for Happy Monkeys?: The Effects of Live Plants on the Behaviors and Welfare of Non-Human Primates.*
- 1:45 PM Burke, Aleisha - Animal Biology  
*The Effects of Visitor Presence and Noise Levels on Northwestern Gray Wolf (*Canis lupus occidentalis*) Behavior in a Zoo Setting*
- 2:00 PM Tian, Haoying - Animal Biology  
*Putative Functional Variants of PCDH19 for Equine Juvenile Idiopathic Epilepsy in Arabian Horses*
- 2:15 PM Ganev, Jas - Psychology  
*Behavioral Consequences of Separation Distress in Prairie Voles (*Microtus ochrogaster*)*

## 202 Wellman Hall

- 1:00 PM Triana, Izzy M. - Neurobiology, Physiology and Behavior  
*Acute DFP Intoxication Causes SRS and Altered Hippocampal Theta Oscillations in Juvenile Rats*
- 1:15 PM Dye, Alicia - Cognitive Science  
*Calcium Signaling in Cerebellar Parabrachial Nuclei Pathways during Threat and Safety Assessment*
- 1:30 PM Rahbarian, Darlene - Biological Sciences  
  
*Studying the Impact of Chd8 Haploinsufficiency on Cerebellar Function at the Transcriptional Level*
- 1:45 PM Louie, Kayla - Biochemistry and Molecular Biology  
*The role of Kif26 unconventional kinesin family in neurodevelopment and neurological disorders*
- 2:00 PM Narang, Kush - Biological Sciences  
*Computational Design of Nav1.8 Sodium Channel Inhibitors as Novel Non-Addictive Analgesics*
- 2:15 PM Jain, Nina J. - Global Disease Biology  
*Expression of the Mechanosensitive ion Channel Protein Piezo1 is Directly Associated With the Development of Experimental Neonatal Sepsis*

## 205 Wellman Hall

- 1:00 PM Sridhar, Nandhini - Economics  
*Gender Disparity in Microfinance Loan Recipients*
- 1:15 PM Sabat, Suvam - History  
*A Half-Union: The Success and Failures of Federalism in India From 1947 to 1964*
- 1:30 PM Mesihovic, Esma - English  
*British Educational Policies during the Mandate of Palestine: Funding the Police Over Education*
- 1:45 PM Ramakrishna, Ashwin - Economics  
*The Racialization of Caste in Tamil Nadu*
- 2:00 PM Huston, Jackson S.. - History  
*Expanding the Feminine Sphere: Women's Labour and Patronage in the 20th Century US South*

## 207 Wellman Hall

- 1:00 PM Kaadan, Yara - Political Science  
*NYT MEDIA PROJECT: The Bifurcated Narrative of Lebanese Men in the New York Times in the 1940s*
- 1:15 PM Taha, Nour - Political Science  
*NYT MEDIA PROJECT: New York Times Depiction of Muslim Men in the 1940s*
- 1:45 PM Misleh, Ali - International Relations  
*The Representation of Arabs During WWII in the New York Times*
- 2:00 PM Gouvalaris, Max - History  
  
*New York Times Media Project: The Representation of Jordan in the 1960s*

## 212 Wellman Hall

- 1:00 PM Wong, Cecelia - Biomedical Engineering  
*Identifying Epithelial-specific Cell-cell Fusion Proteins Using Viral Fusogen p14FAST*
- 1:15 PM Sripadanna, Sejal - Biochemistry and Molecular Biology  
*Identifying Autophagy Pathways Protective Against Neurodegenerative Disease*
- 1:30 PM Gasperini, Francesca Corinna - Biochemistry and Molecular Biology  
*The Role of R-Loops on Targeting Nucleophagy Pathway Under Replication Stress*
- 1:45 PM Candy, Fenna - Genetics and Genomics  
*Interaction of Alpha-Synuclein nER Stress and DNA Replication Stress-Induced Nucleophagy*
- 2:00 PM Lim, Trina - Biochemistry and Molecular Biology  
  
*Macroautophagy and Selective Autophagy Work in Parallel Pathways to Regulate the Accumulation of Alpha-Synuclein*
- 2:15 PM Tran, Julie - Biological Sciences  
*Alpha-Synuclein Expression Compromises Energy Metabolism at the Nucleus-Vacuole Junction Under Acute and Gradual Glucose Exhaustion*

## 216 Wellman Hall

- 1:00 PM Liu, Shih-Na - Evolution, Ecology and Biodiversity  
*Effects of Diet on Body Shape Evolution in Reef Fishes*
- 1:15 PM Sparks, Madison - Other (Individual Major)  
*Fishing for Rare Diseases*
- 1:30 PM Sparenberg, Nadia L. - Evolution, Ecology and Biodiversity  
*Too Hot To Handle: Do Warming Ocean Temperatures Change Ability of Isopods To Control Seagrass Wasting Disease?*
- 1:45 PM Winokur, Moonlily - Anthropology  
*Historical Ecological and Stable Isotope Research on Faunal Remains from CA-ALA-11*
- 2:00 PM Basu, Anirudh - Computer Science and Engineering  
*Identifying Copy Number Variants in Anopheles gambiae Conferring Insecticide Resistance*
- 2:15 PM Noroian, Helen - Biological Sciences  
*Nectar Microbes Are Differentially Affected by Early Arriving Competitors*

## 226 Wellman Hall

- 1:00 PM Anderson, Eva - Cognitive Science  
*Navigating Difficult Dialogues: Exploring Antisemitism Conversations Among Jewish Parents and Children*
- 1:15 PM DeNeve, Julianna - Sociology  
*Shifting Values of Femininity, Family Responsibility, and Collectivism: Gender and Family Representations in Early 2020s Children's Films*
- 1:30 PM O'Sullivan, Alex - Sociology  
*Secularized Millennials' Values and Culture Within the Workplace*
- 1:45 PM Guerra, Jose - Anthropology  
*Whose Life Thrives in the Death of Tomorrow? The Material-Temporal Politics of Revitalization in Sacramento's Oak Park*
- 2:00 PM Fogarty, Jane C. - History  
*Pioneering Progress: Black Women's Activism and Community Building in Early Oakland*
- 2:15 PM Carling, McKenzie G. - Political Science  
*Beats & Battle: A Political Analysis of the Lyrical Landscape of*  
  
*Race and Violence in 21st Century Music*

## 230 Wellman Hall

- 1:00 PM McGhee, Nadia - Communication  
*From Authenticity to Appropriation: Examining the Impact of AAVE Misappropriation on Professional Spheres*
- 1:15 PM Agarwal, Shyam - Computer Science  
*Enhancing Formative Assessment Through Automated Short Answer Grading*
- 1:30 PM Adame, Lilianna J. - Communication  
*Media Representations of Latinos: Effect on Latinos in Academia*
- 1:45 PM Duong, Tina - Global Disease Biology  
*Intergenerational Trauma Amongst Vietnamese American Undergraduates*
- 2:00 PM Ugwu, Amarachi - Sociology  
*The Space and Place of Dissent: Exploring the Impact of University Architecture on Student Protests*
- 2:15 PM Chan, Tiffany - Biomedical Engineering  
*Investigation of Student-Faculty Micro-Interactions on Students' Sense of Belonging Through Organized Student-Faculty Lunches*

## 233 Wellman Hall

- 1:00 PM **Boyce, Kate R. - International Relations**  
*US Foreign Policy: Underlying Causal Mechanisms of Latin American Migration in the Cold War Era (1960-1990)*
- 1:15 PM **Stehlin, Natalia - Sociology**  
*Article 26 Backpack: Bridging the Digital Divide in Higher Education for Refugee and Displaced Students*
- 1:30 PM **Frazier, Heavenly - English**  
*Article 26 Backpack: Bridging the Digital Divide in Higher Education for Refugee and Displaced Students*
- 1:45 PM **Ronne-Mcniel, Fiona - Psychology**  
*Article 26 Backpack: Bridging the Digital Divide in Higher Education for Refugee and Displaced Students*
- 2:00 PM **Dusanapudi, Dheera L. - International Relations**  
*Article 26 Backpack: Bridging the Digital Divide in Higher Education for Refugee and Displaced Students*
- 2:15 PM **Cegelski, Lauren - International Relations**  
*Article 26 Backpack: Bridging the Digital Divide in Higher Education for Refugee and Displaced Students*