

8:30–9:30am Continental Breakfast

Continental breakfast served in Pendleton Atrium and Science Center Lounge.

9:30–10:40am

Cross-cultural Research

Construction of Gender: Insight into Japan and Korea (panel) *Science Center 396*

Maureen E. Wynne, “Real Men Wear Sequins: Performing Gender on the Takarazuka Stage”

Jenny S. Lee, “An Analysis of the Language of Societal Misfits in the Film *Oasis*”

Laura M. Corser, “Are the Gay Guys Uniquely Gay?: Cross-culture Influence on Gender Identity and Expression”

Literature and the Arts

Why There Are Indirect Speech Acts: A Response to Bertolet (panel) *Pendleton West 117*

Shan Shan Tam, Kimberly Goyzueta, and Margaret Hall

Wit and Wellesley: Taking Ourselves Less Seriously (long performance) *Schneider Theatre, Black Box*

Lynne Adams, Claire Ayoub, Mary-Katherine Batson, Nisha Bedi, Sarah Case, Kat Chen, Missy Ford,

Haley Harris, Lilli Johnson-Moffet, Olivia Kingsley, and Simi Oberoi

César Franck and His Violin and Piano Sonata (long performance) *Pendleton West 220*

Pui Man Rosalind Lai and Jane Park

Art, Feminism, and the Home: Domesticity Reexamined (exhibition) *Jewett Art Center, Student Gallery*

Brittany Sundren

Exiles at Home (short talks) *Science Center 277*

Maya Katzir, “A Young Author’s Potential: Exploring Yukio Mishima through his Debut Work”

Megan Briggs, “¿Qué hago yo aquí?: Fictional Representations of Latin American Immigration to Spain and the U.S.”

Liz Stickney, “Dirasat Al-Adabiyat Al-’Arabiyya: Discovering Arabic Literature at Wellesley”

Political Development

War, Nationalism, and Exclusion (short talks) *Pendleton East 239*

Vanessa Arslanian, “The Invisible Wounds of War: Psychological Casualties of U.S. Military Engagement”

Tiffany Howard, “History of the Use of Precision-guided Munitions”

Elishabah W. Msengeti, “Beyond Language and Geography: Why Ethnicity Continues to Threaten Kenya’s Stability as a Nation”

Emily D. Saras, “Identity through *Dainos*: The Use of Folk Music in the Creation of Lithuanian Ethnic Identity”

Science and Technology

Code Green: Connecting People to Plants (panel) *Science Center 104*

Joy Ding, Christine Kang, Johanna Lake, and Laura Stevens

Characterizing Buforin II and bCNG Ion Channels: Investigation on Proteins Associated with the Cell Membrane (panel) *Pendleton East 339*

Ryann Guayasamin, Jessica Hawkins, Anna Lee, Natalya Maharaj, Hoi See Tsao, and Yang Xie

“Bigger Is Not Always Better”: Investigations in Nanoscience (panel) *Pendleton East 139*

Linda Guiney and Alex Bear

Stem Cell Outreach Initiative: Teaching Junior High School Students about the Promise of Stem Cells (panel) *Pendleton West 212*

Rachel Casiano, Alison Lee, Suzy Shepard, Nicolle Strand, and Lucy Xu

The Growing, Learning Brain (short talks) *Pendleton West 116*

Colleen Kirkhart, “Modeling Adult Neurogenesis”

Zahra Omer, “Sexual Dimorphism in Brain Serotonin Levels in Crustaceans”

Xiaoyue Guo, “Do I Know You?: Determining How the Brain Processes”

Camille Doykan, “What Do Babies Know?”

Social Analysis**White Girls in Love with Hip-Hop: Exploring the Racial Implications of White Female Rappers**
(interactive teaching presentation) *Collins Cinema*

Johannah Murphy

10:40–11am Break

Continental breakfast served in Jewett Lobby, Pendleton Atrium, and Science Center Lounge.

11am–12:10pm

Cross-cultural Research**Women’s Studies Panel (panel)** *Science Center 277*

Shannon Hill, “Feminist Confessions: Contemporary Construction of Catholic Authority, Identity, and Sexual Ethics”

Jessica Nahri Cho, “The Racial and Gendered Politics of Asian American Representation in Competitive Reality Television”

Megan Turner, “I Wear My Balls on My Chest’: Gender Subversion in Heavy Metal”

Alienation and Assimilation (short talks) *Pendleton East 339*

Kyla J. Raetz, “Russian, Israeli, American, Jew?: Identity Creation among Second Generation Immigrant Jews”

Julia Schroeder, “Statelessness and Strangers: A Comparative Life History Analysis of Young Refugees from South Africa and the United States”

Grace Jaesook Lee, “Who Are the Zainichi Koreans? Are They Japanese or Korean?”

Alma Rachel Heckman, “The Theme of Exile in Maghrebi Thought from 1948 to the Present”

China and the Outside World (short talks) *Science Center 396*

Cynthia Chen, “One China: The Effect of the Qing Legacy of Conquest on Modern China”

Sarah Corrigan, “Kinship Social Capital and Trust: American Merchants in China, 1803–1844”

Economic Issues**Creating the Brand (exhibition)** *Pendleton West 117*

Indi Marisa V. Frank

Flying High, Flying Low (short talks) *Pendleton East 239*

Xing-Yin Ni, “Unfriendly Skies: The Effect of Low-cost Carriers on Domestic Airline Competition”

Samantha Heep, “Easing the Transition to Adulthood: The Effects of Increasing the Age of Dependency for Health Insurance to 25”

Lindsay Relihan, “The Effect of Falling House Prices on Labor Mobility”

Ro Chin, “Migration and the Gender Wage Gap: Mexico Post-NAFTA”

Literature and the Arts**Shostakovich: A Life Reflected through Music (long performance)** *Jewett Art Center, Auditorium*

Julia Blood, Nina Hart, Katherine Musgrove, and Kira Treibergs

Anatomy of a Book (interactive teaching presentation) *Clapp Library, Book Arts*

Yetunde Abass and Susanne Everill

White Noise (exhibition) *Pendleton West 220*

Tamara Al-Mashouk



Memories Retold (exhibition) *Jewett Art Center, Student Gallery*
Courtney Richter and Ran Tao

Evoking Images (short talks) *Pendleton West 116*

Adrienne Jacobson, “*The New York City Waterfalls*, Olafur Eliasson”

Ashley Boulden, “Designing the Eighteenth-century Interior: Issues of Function, Style, and Authorship in the Davis Museum’s Album of 138 Rococo and Neoclassical Ornament Prints”

Jo Ann Gerber, “...will they document our tears, but not our smiles?: Photographic and Literary Portrayals of Mexican-American Farm Workers in California, 1927-1950”

Hannah Kapnik, “Understanding God and Man through Creation”

Science and Technology

Clean, Green, Athletics Machine: A Sustainable Renovation of the Wellesley College Sports Center (panel) *Science Center 278*

Tyler S. Blangiardo, Priya Gandbhir, Marg D. Garascia, Haley M. Geller, Susan W. Hall, Taylor Y.

Harvey, Emily B. Hewitt, Johanna C. Lake, Catlin I. Powers, Relena R. Ribbons, Erin E. Ryan, Alex R. Warren, Priscilla D. Watson, Kate E. Wyman, and Song-Song Xi

Curing Cancer and Hepatitis C: One Beaker at a Time (panel) *Pendleton West 212*

Nayna Lodhia, Joyce Ngai, Claire Reddy, Adina Badea, and Alice Kwan

A Provably Better World: Improving Health and Advancing Chemistry Using Computational Optimization (panel) *Science Center 104*

Andrea Johnston, Mona Minkara, Maggie Chidothe, Victoria Abrenica, Kathy Chen, and Naomi Sedani

Social Analysis

On Disabling Speech: A Response to Bird (panel) *Collins Cinema*

Alexandra Adelman, Sara Helmers, Jackie Stozenberg, and Kelsey Turbeville

Wellesley and Wo(men) Together (short talks) *Pendleton East 139*

Celene Reynolds, “Collegeplaces: Why Students Feel at Home (or Don’t) on College Campuses”

Yo-Jud Cheng, “Male Cross-registrants at a Women’s College: Effects on the Academic Achievement of Wellesley College Students”

Liise Lehtsalu, “Urban Convents in Eighteenth-century Italy: The Case of Santa Maria Egiziaca in Bologna, 1689–1760s”

Amelia Iuvino, “Ambition in Wellesley College Students”



12:10–1:30pm Break

1:30–2:40pm

Cross-cultural Research

Cross-cultural Health Issues (short talks) *Science Center 104*

Samantha Bellach, “Cold Showers and Tuberculosis: Ethnographic Insights from a Guatemalan TB/HIV Clinic”

Kendall LaSane, “Shooting Up Together: An Exploration into the Heroin Subculture in Boston”

Catlin Powers, “Indoor Air Pollution Exposures in Himalayan Communities”

Economic Issues

Trading Up (short talks) *Pendleton East 139*

Andrea Liang, “The New Trade Theory: Extensions to Occupational Wage Inequality in the U.S.”

Marisa P. Kaley, “The Economic Consequences of Freeing the Grapes”

Lauren Tilden, “The Impact of Financial Modernization on Women-owned Businesses”

Literature and the Arts

“Love, Valor, Salvation” (long performance) *Schneider Theatre, Black Box*

Valerie King, Sarah Moazeni, Elizabeth Stone, Samantha Cooper, Caitlin O’Connell, and Ruth Craig

***Ariettes oubliées: Symbolist Correspondence between Music and Nature* (long performance)**

Jewett Art Center, Auditorium

Elizabeth Merrill

***A Grand Concert of Instrumental Musick: The Art of Performing Baroque Music on Period Instruments* (long performance)** *Pendleton West 220*

Kaylan Stevenson and Natasha Roule

Girls at Home, Girls Abroad: Readings from Three Creative Writing Theses (literary readings)

Science Center 277

Susan Muensterman, “‘Cats and Coons,’ a Short Story”

Jessica Trimble, “The Family Plot: Stories”

Eliza Borné, “Dance in the Sun: Discovering a Controversial Tradition”

Political Development

Political Realities: The Language of Policy and Movements (short talks) *Science Center 396*

Kathleen Livingston, “The Political Implications and Real-life Application of Italian Immigration Law on Albanian Migrants”

Rakeen Mabud, “The Transnational Antisweatshop Movement: Realities and Politics of the Global Labor Market”

Paola Reyes, “Language and State Terrorism during the Argentine ‘Dirty War’”

Kristina Costa, “The Midwife of History: Hannah Arendt, Frantz Fanon, and the Concept of Political Violence”

Science and Technology

Foundations in Vision (panel) *Pendleton West 116*

Cleo Stoughton, Mona Guo, Rosa Lafer-Sousa, Pierce MacConaghy, and Marlie Philiossaint



Order and Disorder (short talks) *Science Center 278*

Rebekah Dawson, “Chaotic Orbits of Uranian Moons”

Alicia West, “Who Goes First?: Finding Fair Rankings of the Points in the Partially Ordered Set”

Bilin Zhuang, “Thermodynamics of Ising Models on Geometrically Frustrated Lattices”

Amy Dai and Nandini Dookeran, “‘Computer, take a look at these papers and tell me what they are about.’: A Web Application for Browsing and Searching Paper Topics Extracted by Machine-learning Algorithms”

Systems and Sustainability (short talks) *Pendleton West 212*

Catherine Grevet, “Encouraging Sustainable Behavior through a Motivational Online Application”

Anli Yang, “Nature Protection: Democratic, Coercive, or Both?”

Marika Hayashi, “The Mechanics of Explosive Seed Dispersal in Orange Jewelweed (*Impatiens capensis*)”

Kara Feilich and Jing Wang, “Leeches Suck...Then Shrink!”

How Cells Work (short talks) *Pendleton East 339*

Lulu Tran and Jessica Weng, “Coordinating Cell Growth and Division in *Saccharomyces cerevisiae*”

Smadar Levy, “Gene Expression Patterns of the Patellin Gene family of *Arabidopsis thaliana*”

Amy Dai, “Playing Matchmaker: sRNA Target Prediction”

Environments Near and Far (poster session) *Science Center Focus*

Catlin Powers, “The SolSource: A 3-in-1 Solar Solution for Environmental Health and Gender Equality in the Himalayan Region”

Lily Duh, Weixia Guo, and Christina Tran, “Colonization History of the Galápagos Flightless *Stomion* Beetles”

Jahanara Ahmad, “The Expanding Atmospheres of Two Supergiant Stars”

Teresa Le, “Illness in the Cure”

Brain and Behavior (poster session) *Science Center Focus*

Joanna Choi, “The Functional Implications of α -Synuclein Overexpression and Oligomerization in Human Neuroblastoma Cells”

Jana Qiao, Diana Wang, and Tania Dhawan, “Into the Depths of the Mind’s Jungle: A Search for TOP and PEP”

Christina Tognoni and Courtney Ackeifi, “Cells in Female Mouse Brain Coexpress Progesterone Receptors and Nuclear Receptor Coactivators”

Sienna Laughtin, “Interpretation of ASL Facial Grammar by Nonsigners”

Youngmi Faith Kim, “Tracking the Birth, Survival, and Differentiation of Adult-born Neurons in the Crustacean Brain”

Notches and You (poster session) *Science Center Focus*

Lauren Choi, “The Effects of Disulfide Bonds on the Correct Folding of Human Notch 1 LNRA”

Marina Pellon Consunji and Lucien C. Montenegro, “Amino Acids That Are Critical for Structural Stability and Functionality within the Heterodimerization Domain of Notch”

Christina Hao, “Characterization of the Ca^{2+} Binding Affinity and Coordination Site of the LIN-12/Notch Repeat”

Jessica Lin, “LIN-12/Notch Repeat B: The Effects of Disulfide Bonding and Hydrophobic Residues on Its Autonomous Folding”

Predicting and Measuring Molecules (poster session) *Science Center Focus*

Sarah Hyde, “Designing Ion Optics for Imaging Chemical Dynamics”

Stephanie Lau, “Electronic Structure Calculations on Cyanamide and Substituted Cyanamides: The Anomaly of the Nonlinear NCN Bond”

Emily Cuddy and Eleanor Byler, “The Inner Workings of the Ballistic Pendulum”

Social Analysis

Play, Laugh, Learn (short talks) *Collins Cinema*

Svetlana Roskin, “The Effect of Imaginary Companions on Preschoolers’ Play”

Emily Evans, “Making Children Happy: How We Can Use Social and Emotional Learning to Help Children Be Successful”

Kate Zmich, “The Role of Gesture Input in Children’s Exploratory Play”

Marjorie Schaeffer, “The Impact of High-stakes Testing on Elementary School Students’ Stress”

Our Bodies, Ourselves (short talks) *Pendleton West 117*

Abigail Lees, “Russian Women’s Sexual and Reproductive Health from the 1980s to the Present”

Robyn Migliorini, “Ovulation and Perceptions of Attractiveness”

Jennifer Gorcos, “Multivariate Analyses of Family Functioning among Adolescent Hispanic and Brazilian Girls”

Social and Political Interactions (poster session) *Science Center Focus*

Freena Chohan, Cara Parcell, and Laura D. Stevens, “Hot or Not: How Your Boyfriend’s Qualities Influence Perceptions of You”

Chong Wu and DongHwa Kim, “Grooming versus Opening Line: Which Will Win the Fight?”

Lisa Snider, “Planning and Preservation in D.C.: The Development of Rock Creek Park”

Priya Josyula and Sara Teichholtz, “The Role of Explicit Memory in Priming Effects”

Evann Schwerm and Linda Yan, “Women Judging Women: Perceptions of Women Based on Clothing and Posture”

2:40–3pm Break

Refreshments and hors d’oeuvres served in Pendleton Atrium and Science Center Lounge.

3–4:10pm

Literature and the Arts

Writing and Slamming Poetry (short talks, literary reading) *Collins Cinema*

Carlotta Chenoweth, “Mayakovsky and America: ‘A Person, An Action, An Event’”

Dana Britt, “‘Nothing is until it has a word’: The Poetry of Gillian Clarke”

Megan Aebi, “Nuyorican Slam Poetry: Roots and Renditions”

Novel Ideas (short talks) *Science Center 104*

Emma Ingrisani, “Convictions of Consanguinity: Sterne, Percy, and Sentimental Irony”

Page Monji, “The Human Condition: Analysis of Theodore Dreiser and Literary Naturalism”

Flannery Wheeler, “The Key to Promise Keeping in George Eliot’s *Middlemarch*”

Science and Technology

Cruising the Cosmos with ASTR 206 (panel) *Pendleton West 212*

Katie Judd, Molly Wasser, Allison Youngblood, and Kirsten Levandowski

It’s a Bacterial World (panel) *Pendleton East 339*

Lauren Allison and Elizabeth Jeruto, “Proteomic Analysis of the Acid-stress Response of Cyanobacteria”

Jessica Tse and Hatice Yayla, “Using ^{31}P and ^{23}Na NMR Spectroscopy to Investigate the Role of Na^+/H^+ Antiporters in Acid-stressed Cyanobacteria”

Jessica Weyer, “It’s Not Easy Being Green, So Let’s Stick Together: A Study of Biofilm Formation in Cyanobacteria”

Jean Yau and Brachi Schindler, “Cleaning Lead-polluted Waters with Cyanobacteria”

Nutrition and Brain Disorders: You Are What Your Mother Ate (panel) *Pendleton East 139*

Jennifer Moriuchi, Loren Saulsberry, and Hillary Chu



Game Design and the Transparent Interface (interactive teaching presentation)

Jewett Art Center 247

Langdon Ferguson, Indi Marisa V. Frank, Francesca Gobeille, Soo Been Kim, Serena Wales, and Emmy Zhang

Investigations of Disease (short talks) Pendleton East 239

Balimkiz Senman, “The Significance of Stable DC-T Cell Interactions in the Differentiation of Effector T cells”

Laura Stafman, Arianne Jong, and Kyi-Sin-Lin Than, “Synthesis and Evaluation of α -Synuclein Fragments to Determine Regions of Importance for Aggregation”

Julia Thomas, “Risk Factors Associated with Athletic Injuries in Female Division III Athletics”

Sound and Sense (short talks) Science Center 277

Rebecca McGowan, “Reflections of Language in Music: Comparing Rhythm and Melody in English Dialects and Music”

Emily Cibelli, “On Being an Accent Sponge: Phonetic Convergence in Bilingual Speakers”

Jenny S. Lee, “Second Language (L2) Processing of Prepositional Phrase (PP)-Attachment Ambiguities: Toward an Improved Understanding of the Argument/Adjunct Distinction”

Social Analysis

Gender and the Workplace (panel) Pendleton West 116

Brittany Low, “Dancing is a Sweat Job: Gender Performance in the Ballroom Dance Workplace”

Tamzin Mitchell, “Women in Writing: It’s a Man’s World (Until Someone Needs Coffee)”

Kate Gallagher, “The Role of Gender in the Bioscience Workplace: The Experience of a Female Intern”

Rachel G. Kohl, “Ignoring Inequality: Examining Gendered Actions in the Office of a Female Elected Official”

Language and Memory (short talks) Science Center 396

Sam Grossmith and Rachel Magid, “The Role of Gesture in Lexical Retrieval: Does Gesturing Make a Difference?”

Caitlin McGraw, “Amicizia (Friendship): Analysis of Group Work in an Intermediate Language Class”

Amanda Utevsky, “Mechanisms of Implicit Memory”

4:10–4:30pm Break

Refreshments served in Pendleton Atrium and Science Center Lounge.

4:30–5:40pm

Economic Issues

What Goes Up Must Come Down (short talks) Science Center 104

Elira Kuka, “Fighting Italian Tax Evasion: The Effect of the ‘Studi di Settore’ on Income Declarations”

Sadia Raveendran, “Do Institutions Create a One-way Street for Foreign Direct Investment?”

Anna Morris, “Basketball: For Love of the Game or for the Love of Money?”

Literature and the Arts

Sources of Light: Poetry and Music of Home (long performance) Jewett Art Center, Auditorium

Courtney Sato, Katelyn Ching, Olivia Park, Edlyn Yuen, Megan Cunniff, and Magdalena Zebracka

Synergy and Slam (short performances) Pendleton West 220

Rakeen Mabud, Chindhuri Selvadurai, Camille Doykan, Laura Stearns, and Dan Grieneisen, “Jazz + Strings + Energy = Synergy!”

Nancy Pontius, “Uncommon Ragtime: The Xylophone Rags of George Hamilton Green”

Political Development

Nation Building (short talks) *Pendleton West 212*

Anisha Gupta, “Identifying Convergences and Building Alliances between Grassroots Social Movements and United Nations Actors”

Kacie Lyn Kocher, “*Multidimensional Sequencing: A Strategy of Global Economic Inclusion*”

Hannah Dale Sholder, “Housing and Homelessness in Calcutta and Dhaka”

Patsy Bailin, “Planning Phase IV”

Science and Technology

Experiences of a Magnetic Moment: Magnetic Resonance Research at Wellesley (panel)

Pendleton West 117

Sahr Khan, “Designing a Surface Coil and Modifying Three-dimensional Imaging Techniques to Enhance Magnetic Resonance Image Quality”

Laura Huang and Stephanie Huang, “Magnetic Resonance Spectroscopy Study of Neurochemistry of Rett Syndrome in a Mouse Model”

Amelia Bond and Adriane Otopalik, “A New Technique for Visualizing Neural Activity: Activity-induced Manganese Magnetic Resonance Imaging (AIM MRI) in *Cherax Destructor*”

Jessica Tse and Hatice Yayla, “Using ^{31}P and ^{23}Na NMR Spectroscopy to Investigate the Role of Na^+/H^+ Antiporters in Acid-stressed Cyanobacteria”

Human/Computer Interface (short talks) *Pendleton East 239*

Chloe Fan, “Wii Remote Applications Outside of Competitive Gaming”

Alexandra Olivier, “Leaping off the Screen: Connecting Computer Programs to the World Around Us”

Ayla Solomon, “Improving Usability and Extending Functionality of Security-enhanced Linux”

Ariel Hathaway, “Evaluating the Role of Syntax for Novice Programmers: Is Drag and Drop Really a Drag?”

Webs, Waves, and Weevils: Signs of Disaster (short talks) *Pendleton East 339*

Kate Wyman, “Negative Effects of Atmospheric Mercury Pollution Not Detected in Remote Populations of Web-building Spiders”

Maryska Kaczmarek, Hoi-Fei Mok, and Austin Stuckert, “Invasion Success and Genetic Diversity in Populations of Introduced and Endemic Weevils in the Galapagos Archipelago”

Cyndhia Ramatchandirane and Asha Stenquist, “Sedimentological Analyses of Pocket Beaches, Vieques, Puerto Rico”

Social Analysis

Youth, Activism, and Campaigning (short talks) *Science Center 277*

Shan Shan Tam, “Gandhi for President: Philosophy of Nonviolence as Realized in Barack Obama’s Presidential Campaign”

Lauren Hume, “Television vs. YouTube.com Ads in the 2008 Election: Does Medium Make a Difference in Negativity?”

Jane Booth-Tobin, “Youth Political Participation: The Motivations and Organizing Techniques that Engaged Youth during the 2008 Presidential Campaign”

Secrecy, Sensitivity, and Fear (short talks) *Pendleton East 139*

Michelle Bourgeois, “Distinguishing Sensory Sensitivity from Sensory Discomfort”

Veronica Cole, “Does Adolescent Fearfulness Predict Authoritarianism in Old Age?”

Jennifer Pawson, “Culture of Secrecy”

Theresa Lau, “Hello, Can You Help Me?”