

9:30-10:40

Economic Issues

GLOBAL CRISES, GLOBAL SOLUTIONS (short talks) Pendleton East 239

Sara Hess and Yeatso Lhamo, "Migration: A Global Solution to a Global Crisis"

Diana Choi, Amanda Davis, and Ike Yeung, "Civil Wars"

Derice Darlington, Salome Katwiwa, and Lauren Rasmussen, "Financial Instability"

Literature and the Arts

The Struggle for Personal Faith in Twentieth Century Literature (panel) Science Center 104

Rachel Newman and Kate Reece

Ravel and Berg: Beyond the Genre of Quartet and Violin Concerto (long performance) Jewett Auditorium

Veronika Blinder, Emily Hung, Katherine Roth, Nicolle Strand, and Ariana Watson

Political Development

National Identity (short talks) Science Center 278

Allison Dwyer, "Understanding American Identity"

Raeefa Shams, "The Aesthetics of Memory: Holocaust Memorials as Reflections of National Identity in Germany, Israel, and the United States"

Alejandra Ellison-Barnes, "Whoever Comes Through the Door: Emergency Departments in the American Health Care System"

Isabel Lecompte, "The Constitution of 1991 and the Opening of Democracy in Colombia"

Science and Technology

The Quest to Count More Photons: Studying the Universe with Wellesley's 24-inch Telescope (panel)
Pendleton East 339

Christine Bachman, Billie Briones, Sharon Kotz, Kathryn Neugent, and Claire Thoma

Building the Links between Adult Neurogenesis and Depression (panel) Pendleton East 139

Youngmi Kim, Colleen Kirkhart, Rosa Lafer-Sousa, Elizabeth Marlow, and Katherine Zarroli

Save this Place (short talks) Science Center 396

Lindsey Reed, "Saving Endangered Species: International Species Protection"

Anna Studwell, "Parrotfish Grazing on Coral Reefs: An Exploration of Anthropogenic Effects on a Keystone Interaction"

Samantha Skinner-Hall and Lin Zhu, "Low-energy Electron-induced Reactions of CF₂Cl₂: Implications for the Ozone Hole?"

Anxiety and Empathy (short talks) Pendleton West 116

Michelle Bourgeois, "Walking Contradictions: A Study of the Highly-sensitive Extravert"

Becky Salomon, "Empathy towards Animals and Humans: A Study Using Video Clips"

Alexa Fong, "Personality and Coping with Anxiety"

Molecular Physiology (short talks) Pendleton West 117

Kathy Mu, "The Effect of Tamoxifen on Estrogen Receptor α (ER α) interactions with SRC-1 and SRC-2 from Uterus"

DaEun (Dana) Im and Mackenzie Yore, "Role of Steroid Receptor Coactivator-2 (SRC-2) in Estrogen and Progestin Action"

Balimkiz Senman, "The Significance of Stable DC-T Cell Interactions in the Differentiation of Effector T Cells"

Social Analysis

Women, Rights, and Being Human (short talks) Pendleton West 212

Lynne Adams, "Teaching Marriage: The Moroccan Mudawana"

Rachel Behler, "Human Rights: Fact and Fantasy"

Sahar Bandial, "Gender Quotas in Pakistan: The Substantive Representation of Women in Politics"

Tiffany Rechsteiner, "Who Deserves to Eat?: Changing Conceptions of the 'Worthy and Unworthy Poor' in Early Modern England"

11:00-12:10

Cross Cultural Research

Finding Yourself: Exploring Identity at Home and Abroad (short talks, literary reading) Davis Museum

Roheeni Saxena, "Cultural Identity Development in the Midst of Cultural Conflict: Case Study India and Pakistan"

Krystal Walker, "Being Black and Mormon: Exploring How Boundaries are Negotiated"

Economic Issues

Bubble, Bubble, Toil and Trouble: Finance and Real Estate (short talks) Pendleton East 239

Aigerim Kabdiyeva, "Investment Complementarities and the Sub-prime Crisis: Implications for Policymakers"

Katie O'Banion, "Transplanting Civil Law into Common-law America: The Effect of New York's 1822 Limited Partnership Act on Economic Activity"

SuiLin Yap, "A Permanent Sprinkle of Gold or a Transient Midas Touch? The Effects of Hosting the Summer Olympics on Housing Markets"

Maggie Settli, "The Impact of Capital Account Liberalization on the Onset of Banking Crises in Emerging Markets"

Gender and Sexuality

Peeping Toms, Puppy Love, Blind Sex (short talks) Science Center 278

Catherine Colaneri, "Sexual Education of the Blind: The 'Birds and the Bees' or 'Political Opportunity'?"

Sumita Chakraborty, "For I See You: Voyeurism and the Reconstitution of the Bodily in 20th Century American Poetry"

Kate Bachman, "The Role of Socially Interactive Technologies in Adolescent Relationships"

Literature and the Arts

Melissa Woods, Marielle Allschwang, and Alison VanVolkenburgh, “Studio Art 370” (exhibit) Jewett Student Gallery

Pressing Concerns: Printmaking with a Conscience (exhibit) Jewett Student Gallery

Sultana Abbar, Katherine Ackerman, Marie Ayabe, Amethyst Beaver, Sarah Burney, Amber Evans, Linda Fung, Sarah Gilligan, Lauren Ino, Kristin Milosch, Courtney Richter, and Brittany Sundgren

Defining Asian American Identity in Literature (panel) Science Center 104

Jennifer Chun, Arianne Jong, and Christina Kim

Romantic Chamber Music (long performance) Jewett Auditorium

Veronika Blinder, Nina Hart, Sang-Hee Min, Katherine Roth, and Jihyun Yoo

Papyrus to Print to Pixel: Tracking the Trajectory of Written Communication throughout History

(interactive teaching presentation) Clapp Book Arts

Josephine Corlet and Mary French

Post-colonial Literature and Film (short talks) Science Center 396

Beth Romano, “Rewriting History: The Past in Modern and Contemporary Irish Drama”

Kristina Costa, “The Savage Wars of Peace: Using Literature to Evaluate the Decline and Fall of Empires”

Shannon Flaherty, “Contemporary Northern Irish Art and Territory: Looking Beyond a Terrible Beauty”

Political Development

Competing Visions (short talks) Pendleton East 139

Meagan Froemming, “Jabotinsky and the Evolution of Separation in Israel”

Erisha Suwal, “The Dilemma of Peasant Politics: A Nepali Narrative”

Mattie Fitch, “Paris as Ideological Battleground: the Third Republic, the Commune, and Competing Visions of Modernity”

Science and Technology

Football Scores and Open Lockers: An Interactive Hands-on Exhibit in Mathematics (Interactive Teaching Presentation) Pendleton West Knuckle

Erika Kahn, Jennifer Kim, Elisa Lee, Samantha Lowe, Dingjie Ma, Laura Murphy, Xing-Yin Ni, Angela Shau, Jane Wu, and Zoe Xiao

Dealing with Stress: Lessons from Cyanobacteria (panel) Science Center 277

Amber Cabrera, Yih-Chieh Chen, Charlene Chong, Magan Friedman, Monica Fung, Elizabeth Jeruto, Nancy Lee, Kaitlyn Lucey, Sabina Sayeed, Caroline Sheridan, and Jessica Tse

Memory and the Corners of my Mind (short talks) Pendleton West 116

Kelley Tialiou, “Memory 101 – A Game for ARTH101”

Brandi Newell, “The Costs and Benefits of Implicit Memory”

Maša Dikanovic, “Thinking with our Hands: The Role of Gesture in Word Retrieval”

Annemarie Kocab, “Spatial Language and Cognition in Deaf Signers in Nicaragua and the United States”

Thanks for the Membranes (short talks) Pendleton West 117

Samantha Littlejohn and Adrienne Topic, “Topology of Bacterial Cyclic Nucleotide Gated Ion Channels”

Eleanor Flemming and Natalya Maharaj, “Buforin II Interactions with Lipid Membranes”

Li Xiong, “La vie *in silico*: Molecular Dynamic Simulations of Bacterial Ion Channels”

Dorhyun Johng, “Proteomics of the chloroplast outer envelope of *Arabidopsis thaliana*”

Social Analysis

How Do Our Children Grow? (short talks) Pendleton West 212

Lauren Brown, “The Hybrid Classroom: Blending Traditional and Non-traditional Classroom Discourse Patterns to Facilitate Student Engagement in the Learning Process”

Megan Carey, “The Struggle for Teachers’ Rights: The Origins of Teacher Unionism in New York City”

Amanda Johnston, “The Influence of Maternal Depression on Preschoolers”

Laura Beckerman, “The Supreme Court and Public Opinion: From *Minersville v. Gobitis* to *West Virginia Board of Education v. Barnette*”

1:30-2:40

Gender and Sexuality

Gender and Sexuality (panel) Pendleton West 212

Chloe Woodward-Magrane, Ariel Knight, Elizabeth Diflo, and Diane Slutzky

Literature and the Arts

Trans-form-action (exhibit) Jewett Student Gallery

Magdalena Naydekova

Experiencing Space through Color and Light (exhibit) Jewett Student Gallery

Rebecca Amponsah

Bawds, Bards, and Babes (long performance) Alumnae Hall-Ruth Nagel Jones Theatre

Ruth Craig, Sophia Giordano, Michelle Guadalupe, Valerie King, and Mary Plant-Thomas

Musical Creativity and Expression in Works for Solo Flute (long performance) Pendleton West 220

Leah Driska, Sue He, Jessica Lin, Adriane Otopalik, and Meagan Richard

“Telling” Stories (short talks, literary reading) Science Center 396

Mehroz Baig, “Path of a Story: Development in a Newsroom and Back to an Audience”

Paige Boncher, “‘Breaking Kosher’: A Short Story”

Clarice Jhia Huei Gan, “Beyond Rashomon: Akutagawa Ryunosuke and the Dilemma of Representation”

Abigail Dalton, “‘Books are where Things are explained to you’: Julian Barnes and the Postmodern Problem of Truth”

Bodies/Work: An Exhibit (exhibit) Jewett Student Gallery

Jean Campbell, Erika Harmon, Amber Evans, Emily Peters, Francesca Gobeille, Cristina Fernandes, and Rachel Kerr

Original Creative Work

Wellesley Coffee House (literary readings, short performance) LuLu Chow Wang Campus Center Pub

Ariel Levine, “Fatty Acid Drips, German Monks, and Visits to County Jail: A Collection of Non-Fiction Essays”

Francisca Guzmán, “Identity and Violence: A Memoir”

Erika Boeing, Layla Gardner, Dan Grieneisen, Rakeen Mabud, Chindhuri Selvadurai, Meghann Williams, Christine Chen, and SuiLin Yap, “Strings+Jazz+Energy=Synergy!”

Science and Technology

No Test Tubes Required: Advances in the Fight against HIV, One Bit at a Time (panel) Pendleton East 239

Andrea Johnston, Mona Minkara, Ilene Tsui, and Bilin Zhuang

Of Mice and Monkeys: Brain Function (short talks) Pendleton West 116

Cleo Stoughton, “Focal Colors in Humans and Macaque Monkeys”

Jennifer Moriuchi, “The Disneyland Effect: Recovery Following Environmental Enrichment in a Mouse Model of Rett Syndrome”

Loren Saulsberry, “Investigating the Schizophrenic Model with Pre-pulse Inhibition”

Cancer: at the Frontlines (short talks) Pendleton West 117

Christina Woo, “Progress toward the Enantioselective Total Synthesis of Angelmarin: A Natural Product Targeting Pancreatic Cancer”

Lieu Tran, “Uncovering a Novel Role for the Growth Regulatory Protein TOR in the Yeast Cell Division Cycle”

Ashmita Banerjee, “Cancer Immunotherapy: Development and Characterization of a Monoclonal Antibody Reactive Against Pancreatic Cancer”

Brain and Behavior (poster session) Science Center Focus

Natalie Chen, “Investigating the Expression of Cholinergic Cells in the Striatum Regions of the McCP2 Mutant Mice”

Lindsay Kua, “Estrogen, Enzymes, and the Female Reproductive System”

Courtney Ackeifi, “Cells in Reproductively-relevant Mouse Brain Regions Express Ovarian Steroid Receptors and Nuclear Receptor Coactivators”

Enzymes and how they Work (poster session) Science Center Focus

Lauren Choi, “The Effect of Various Divalent Cations on the Folding of LNR”

Maria Fatima Bisquera, Stefany Acosta-Torres, and Sadaf Saeed, “Putting the TOP Puzzle Together One Substrate at a Time”

Christina Hao, “Metal Ion Selectivity and Affinity of the LIN-12/Notch-Repeat”

Breathing Lessons (poster session) Science Center Focus

Emile Bordelon, “Synthesis and Characterization of Antitubercular Pyrazoles”

Hyon Kim, “Investigation of the Morphology of Alveolar Type II Pneumocytes in a Mouse Model of Rett Syndrome”

Sarah Park, Thutrang Nguyen, and Esther Kang, “Altered Gene Expression in the Hearts of Goldfish Acclimated to Low Oxygen”

New England Surroundings (poster session) Science Center Focus

Relena Ribbons, “Characterizing Forest Communities”

Mei Ai Khoo, “Re-evaluating the Roxbury Conglomerate”

Social Analysis

Language and Society: Variation and its Meaning (panel) Science Center 104

Yuri Choi, Shoshana Efron, Shan Jiang, and Meghann Williams

Behind the Shoji (the rice curtain): Contemporary Japanese Social Issues (panel) Pendleton East 339

Marie Ayabe, Yoonjeong (Angela) Choi, and Diana Kim

Between Scylla & Charybdis: Analyzing Women’s Rights from Cultural Universalist and Relativist Perspectives (panel) Pendleton East 139

Vanessa Arslanian, Maria Bybee, Cindy Kung, Carla Legros, Shannon Smith, Lisa Snider, and Amanda Wyatt

Language and Cognitive Development in Children with Autism (panel) Science Center 278

Veronica Cole, Margaret Echelbarger, and Kathryn Germer
Self-perception (poster session) Science Center Focus
Alyssa Moten, Berenice Rodriguez, and Jessica Weng

3:00-4:10

Cross Cultural Research

Other Modes of Translation: Problems in Logic, Text, and Time (panel) Pendleton East 339
Emily Bogue, Jen Feldman, and Catherine Lee

Economic Issues

Eat Well, Live Well, and Be Well (short talks) Science Center 278
Laura Diss, “Healthy Revolutions: The Effects of Revolution in Chile’s and Cuba’s Health Care Systems”
Grace Logan, “Post-Hurricane Mitch Nicaragua: The Impact of Early Childhood Malnutrition on Education”
Llang Guiroy, “The Double Edged Sword of Humanitarian Aide: Exploring the Mixed Effects of Aid to
Communities in the Philippines”
Tammy McGavock, “Eating Away from Home: Child Fostering and Well-being in the Côte d’Ivoire”

Gender and Sexuality

Gender, Social Networks, and Marginalization (panel) Pendleton West 212
Gabrielle Abousleman, Jennifer Stalley, and Jane Vora
Gender and Identity (short talks) Pendleton East 239
Elyssa Weber, “Aaron won’t listen to Alisha: A Study of Gendered Influence across African American and
Caucasian Cultures”
Halina Dour, “Does Superwoman Eat and Speak: An Empirical Study with Adolescents on the Relationship
between Eating Attitudes, Voice, and the Superwoman Ideal”
Carmella Britt, “Defying the Odds: Contemporary Black Women in Science, Medicine, and Public Health”

Literature and the Arts

New York City: Visualizing Urban Ideals (panel) Pendleton East 139
Elizabeth Kim and Erica Kim
Putting it together: A Study on the Work of Stephen Sondheim (interactive teaching presentation) Jewett
Auditorium
Jessica Forde
Art for the Ages (short talks) Science Center 104
Louren Hernandez, “Towards a National Identity: Viollet-le-Duc and the Origins of a ‘French Gothic Style’”
Quillan Rosen, “Ogden Codman’s Interiors at The Breakers and a Longing for the *Ancien Regime*”

Original Creative Work

Indie Film Festival (film) Collins Cinema
Alia Radman, “The Yemeni Qabili: Tribesman, not Cavemen”

Ellis Friedman, “Even Spielberg Started Small”

Science and Technology

What a Nucleus Can Do for You: Magnetic Resonance Research at Wellesley (panel) Science Center 277

Olivia Hendrick, “Studying Crayfish Neural Activity with MRI”

Jessica Tse and Yih-Chieh Chen, “Using NMR Spectroscopy to Evaluate the Mechanisms of pH Homeostasis in *Synechocystis* sp. Strain PCC 6803”

Elisabeth Hersman, “Characterization of Brain Chemistry in a Mouse Model for Rett Syndrome using Magnetic Resonance Spectroscopy”

Sahr Khan, “Designing a Surface Coil and Modifying a 3 Dimensional Imaging Technique to enhance Magnetic Resonance Image Quality”

Mehvish Mehrani and Sherry Zhou, “Manganese-Enhanced MRI for Mice”

Children: Language and Imagination (short talks) Science Center 396

Madeline Harms, “Understanding the Mind: The Roles of Inhibitory Control and Complex Language”

Svetlana Roskin, “Parents’ and Children’s Reports of their Relationships with Imaginary Companions”

Neon Brooks, “Children’s Reports of Relationships with Real Friends and Imaginary Companions”

Sana Aslam, “Are You a Mind Reader?”

Sloths and Invasive Species: Not in My Backyard (short talks) Pendleton West 117

Laura Cox, “Behind Enemy Lines: Understanding Purple Loostrife”

Peggy Chen and Susan Downer, “Microsatellite Markers for the Study of Invasive and Endemic Weevils from the Galapagos Archipelago”

Courtney Stepien, “Aberrant Vertebral Morphology in Sloths; when the Exceptions tell us more”

A Chemical Approach to the Treatment of Diabetes (panel) Pendleton West 116

Leslie Kim, Taylor Lenton, Kathryn Lipford, Grace Logan, Susan Smith, and Margaret Thompson

4:30-5:40

Literature and the Arts

Explicating Darkness: Literary Theory and Joseph Conrad’s *Heart of Darkness* (panel) Pendleton East 139

Julie Camarda, Sumita Chakraborty, Judy Luo, Megan Skillman, and Kaitlin Staudt

New Korean Cinema: The Surge of Hanryu Hits South Korea (interactive teaching presentation) Collins
Cinema

Terry Kim

Political Development

The Legacy of British Imperialism: Colonial Development, the Rise of Nationalism, and Postcolonial Identity (panel) Science Center 278

Shelly Anand, Katharine Harper, and Helena Pylväinen

Science and Technology

The Science of Nanomaterials (panel) Pendleton West 212

Shloka Ananthanarayanan, Alexandria Bear, Gabrielle Gantos, SeongEun Kim, Krystal Lee, Christine Min, and Julia Thomas

Modeling of Vision and Physics (short talks) Science Center 396

Sarah Maynard, “Modeling the Transformation from LGN to V1 Color-opponent Receptive Fields”

Rosa-Lynne Fernando, “What Visual Cues are used to Judge the 3-D Trajectory of a Moving Object?”

Sunita Kannan, “Variational Monte Carlo Method applied to spins in 2 dimensional square lattices with zero doping”

Social Analysis

Climate for Change: A Look at Wellesley’s Greenhouse Gas Emissions (panel) Pendleton East 239

Amy Harrington, Alexander Jenko, Samantha Jones, Monisha Khurana, Margaret Werich, Courtney Streett, Amanda Tai, and Anli Yang

The Effects of Grooming and Smiling on Perceptions of Female College Students (panel) Pendleton West 117

Jane Bendfeldt, Lauren Cross, and Katie Robart

Not Just Grass: Sustainable Farming at Wellesley College (panel) Pendleton East 339

Margot Munger, Jo Murphy, Eliza Murphy, and Tamar Wolfson-Seeley

Philosophy and the Construction of Knowledge (short talks) Science Center 277

Sanja Jagesic, “The Role of Status Anxiety and Emotion in Intellectual Conflict: The Case of Karl Marx and Mikhail Bakunin”

Aubre Carreón Aguilar, “México’s Visionary: José Vasconcelos and *The Cosmic Race*”