



Conference Schedule

8:30 - 9:30 Continental Breakfast

Continental breakfast served in Pendleton Atrium and Science Center Lounge.

9:30 – 10:40

Economic Issues

Global Crises, Global Solutions: Part 1 (short talks) *Pendleton East 239*

Nanki Marwah and Rebecca Nounou, “Subsidies and Trade Barriers”

Olga Vidisheva, “Financial Instability”

Megan Shum, Erin Hung, and Janet Ng, “Civil Wars”

Literature and the Arts

Romantic Chamber Music: Brahms and Schumann (long performance) *Jewett Auditorium*

Julia Blood, Stephanie Kim, Rathika Nimalendran, Katherine Roth, and Cecilia Zhou

Science and Technology

Synthesis and Structure (short talks) *Science Center 278*

Claire Reddy, “Evidence of Hydrogen Bonding in 1,2,4-Triazolium Salts”

Adelaide deGuillebon and Joyce Ngai, “New Directions in the Synthesis of a Vancomycin Derivative
Incorporating an Unnatural Carbohydrate Residue at the Vancosamine Position”

Susan M. Smith, “Preparation of Tryptophan Hydroxylase-activated Gadolinium-based NMR
Contrast Agent”

Gases on Earth and in the Stars (short talks) *Science Center 396*

Maria C. Mattera and Mehreen Iqbal, “Low-energy Electron-induced Chemistry of Condensed
Halomethanes”

Merideth Frey, “Determining the Time Evolution of Bose-Einstein Condensate”

Rebekah Dawson, “Symbiotic Stars: Observations with Whittin Observatory’s 24-inch Telescope”

From the Body to the Bay: Applications of Nanoscale Surface Modification (panel) *Science Center 104*

Shloka Ananthanarayanan, Alex Bear, Mimosa Burr, Danielle Draper, and Julia Lin

Communicating with Technology: Games and Cooperation (panel) *Pendleton East 139*

Rebecca Shapiro, “Cooperative and Democratic System Administration”

Hitomi Yoneya, “Reputation in Evolutionary Prisoner’s Dilemma”

Sarah Abraham, “Narrative and Interactivity in Video Games”

Social Analysis

Gender and the Workplace (panel) *Pendleton West 117*

Elizabeth C.M. Diflo, “Women and the Medical Profession”

Mayra Navarro, “The Reality of Sweatshops in Modern Society”

Jacqueline Weber, “Women in Information Technology (IT)”

Natural and Unnatural Resources (short talks) *Pendleton West 116*

Catherine A. Silvey, “‘So Much to Extract, So Little Time’: Natural Resource Use in Latin America”

Mary E. Mills-Curran, “Cold-war Menace or Climate Salvation? Nuclear Energy and Public Opinion”

Shaheli Guha, “Not a Drop to Drink: Willingness to Pay for Clean Drinking Water in a Typical
Neighborhood in Calcutta, India”



Ethics in Action (short talks) *Pendleton West 212*

Megan Mitchell, “Closing the God Gap: The Democratic Party and the Use of Values Rhetoric in 2006”

Lindsey Silver, “World Population Growth *vs.* Reproductive Rights: The Ethics of Automatic Birth Control”

Carmel Shachar, “The Status of the Fetus and the Permissibility of Abortion in the Jewish Ethical Writings of Rashi and Maimonides”

Elizabeth L. Biermann, “Language as a Smokescreen: A Comparative Exploration of the Discourse on Violence and Victimhood in Israeli and Palestinian Newspapers”

10:40 – 11:00 Break

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

11:00 – 12:10

About Wellesley

The Wellesley-Olin Connection: How to Make the Most of It (panel) *Pendleton West 212*

Natalia Creamer, Susan Tse, Katy Moyer, and Alessondra Springmann

Cross-cultural Research

National Identity and Social Conflict (short talks) *Pendleton East 139*

Kathleen Scorza, “King Philip’s War and Historical Memory”

Alia Gurtov, “Nationality and the Use of the Remote Past: The Case of Dmanisi, Georgia”

Elise Duryee-Browner, “Colonialism, Nationalism, and Modernization: Conflicting Discourses in Haifa under the British Mandate”

Isabel Lecompte, “United States’s Noninterventionist Policies during the Spanish Civil War”

Economic Issues

Global Crises, Global Solutions: Part II (short talks) *Pendleton East 239*

Jolene Jones, Grace Logan, and Sarah Swanbeck, “Climate Change”

Jamie Rosen, Liz Kronick, and Laura Panebianco, “Corruption”

Evadne Cokch and Lauren Audley, “Hunger and Malnutrition”

Literature and the Arts

Books and Beyond: An Interactive Teaching Presentation (interactive teaching presentation)

Clapp Book Arts

Jennifer Lee, Sarah Coutlee, Julie Fischer, and Catherine Helen Lee

A Kyōgen Play – *The Tea-Sniffing Blind Men* (long performance) *Pendleton West 220*

Lauren Lewis, Natsuko Hada, Agnes Chang, Carmen Farias, Kimiko Lange, and Naomi Iwata

Storybooks Aren’t Just for Fairy Tales: Explorations in Printmaking and Book Arts

(exhibition) *Jewett Gallery*

Angela Leigh, Patrice Payne, Megan Teckman, and Joo Hee Kim

Original Creative Work

Identity through Performance (short performances) *Jewett Auditorium*

Rebecca Shapiro, Rosie Linares, SuiLin Yap, Caroline Cariste, Rakeen Mabud, Angie Xiong, Chindhuri Selvadurai, and Erika Boeing, “Strings + Jazz + Energy = Synergy!”

Priya Josyula and Nimmi Ariyaratne, “Bollywood Ragas: The Use of Classical Raga Styles in Contemporary Bollywood Film Music”

Objecting to the Objectification of the Ideal Female Body by Painting (exhibition) *Jewett Gallery*

Beatrice Hunt



Science and Technology

A Chemical Approach to the Treatment of Type II Diabetes Mellitus (panel) *Science Center 104*

Rachel Buglione-Corbett, Elizabeth H. Kelley, Leslie Kim, Taylor Lenton, Kathryn Lipford, Allison Perez, and Margaret Thompson

Love That Dirty Water (short talks) *Science Center 278*

Heather Clark, "Tracing Lead from the Source to the Human System"

Mei Ai Khoo, "Characterization of Toxic Metal Transport Processes Downstream of the Tar Creek Superfund Site"

Kaitlyn Shae Lucey, "Permeable Reactive Barriers as Long-term Solutions for Groundwater Remediation"

Rachel Erdil, "Deciphering the Geochemical History of Lake Waban"

Flora and Fauna: Wellesley Sisters? (short talks) *Science Center 396*

Jing Cao, "Wellesley College Green Roof: See How Plants Adjust to Roof Living"

Courtney Streett, "Plant Growth and Soil: Is Organic Best? How Soil Additives Influence a Plant's Well-being"

Theodora J. Stewart, Erin Kim, and Regina Edifor, "Natural Solutions to Global Water Contamination: Investigating the Lead(II) Accumulation Capabilities of *Chlamydomonas reinhardtii*"

Social Analysis

Children and Parents (short talks) *Pendleton East 339*

Christine Cha, "Internal Distress and Nonsuicidal Self-injury among Adolescent Girls: Moderating Effects of Rumination"

Sara Farber, "Incarcerated Mothers: Keeping the Mother-Child Relationship Intact"

Diana Tubbs, "Social and Emotional Learning in Schools: A Survey of School Principals"

Jennifer Huddleston, "Effects and Reflections of Competitive Gymnastics on the Gendering of Girls"

Psychological and Political Takes on Our Bodies and Ourselves (short talks) *Pendleton West 116*

Rebecca Dautoff, "Body Image and the Two Faces of Narcissism"

Elizabeth C.M. Diflo, "Is Pornography Inherently a Form of Violence Against Women?"

Caitlin Pesout, "Japanese Girls' Culture and Boy's Love"



12:10 – 1:30 Lunch

All members of the Wellesley College community are invited to enjoy lunch on the Wang Campus Center lawn. (In the event of inclement weather, the lunch will remain in the same tented service location with the Campus Center and Alumnae Hall as indoor rain locations.)

1:30 – 2:40

About Wellesley

Asian-American Studies at Wellesley College (panel) *Pendleton West 116*

Mina Yu, Courtney Sato, Anna Matsuo, Jennifer Chou, Olivia Park, and Sejal Babaria

Green Is the New Gothic: Wellesley's Greenhouses in the Twenty-first Century (panel)

Pendleton West 212

Jillian Brooks, Darrah N. Haffner, Emily H. Pighetti, Margaret H. Rossano, Kara Schimmelfing, Laura van der Pol, and Anita Yip

Cross-cultural Research

Mixing It Up: Mapping Identities through Art (panel) *Pendleton East 339*

Moeena Das, Leticia Lopez, Paola Reyes, and Steph Tung

Economic Issues

Essentials of Life: Health and Housing (short talks) *Pendleton East 239*

Audrey Stern, "The Impact of Welfare Reform on Immigrant Health"

Olga Vidisheva, "The Changing Psychology and Demographics of the Housing Market"

Iuliana Pascu, "Consumer Choice under Medicare Part D: Did Consumers Have Enough Information?"

Caroline Ong, "A Crisis of Affiliation: Patient-Physician Interactions and Relationships of Power in Cancer Treatment"

Literature and the Arts

New York City: Conceiving and Constructing a Metropolis (panel) *Pendleton East 139*

Eliza Borne, Leslie Tamura, and Emma Tosch

Medieval Dream Poetry and Visionary Translations (short talks) *Pendleton West 117*

Madeleine Kennedy, "Writing Destiny: Dido, Aeneas, and the Power of a Poet"

Clarice Gan, "Fame, Fables, and Fallacy: Language in Chaucer's *House of Fame*"

Averill Wyman-Blackburn, "Language and Religious Imagery in the Gawain Poet's 'Perle'"

Jane Kim, "Chaucer's Portrayal of Women before the *Canterbury Tales*"

Amelia Willson, "Foul Fowls: Decision and Indecision in Chaucer's *The Parliament of Fowls*"

From the Highlands to the Islands in Story and Song (long performance) *Ruth Nagel Jones Theatre, Alumnae Hall*

J. Rachel Anderson, Susan Dobridge, Erica Nicole Richardson, Roheeni Saxena, Megan Teckman, and Stephanie Waslohn

"Towards the Emyrean Heights": The Wellesley College Opera Workshop in Performance (long performance) *Jewett Auditorium*

Heather Rich, Bess Connors, Kristen Cuneo, Min Lew, Siobhan O'Keefe, Emily Peters, and Helena Pylväinen

Original Creative Work

Le Nouveau Palais de Justice de Paris – La Justice dans la Cité (exhibition) Jewett Sculpture Court
Emily Ottinger, Manijeh Verghese, and Katharine Law

Science and Technology**Information Processing (short talks)** *Science Center 104*

Vasumathi Raman, “What Do You Mean, ‘On’?: Learning Primitive Predicates for AI Planning”

Eylul Dogruel, “Expression of Emotions through New Media”

Megan Gross, “Cross-linguistic Syntactic Priming in Russian/English Bilinguals”

Molecules in Action (poster session) *Science Center Focus*

Andrea Johnston, “Exploring Co-crystal Properties of Dithiols”

Mallory Kremer, “GOLD Digger: Looking for Protein-Protein Interactions at the GOLD Domain of Patellin1”

Ruth W. Wang’ondou, “Genetic Suppression of the Rapamycin Hypersensitivity of Δ clb5 Budding Yeast by Phosphatase 2A and a Kinesin Family Motor Protein”

Michelle Song, Meera Srikanthan, Lindsay Kua, and Sabina Khan, “An Enzyme’s Continuing Search for the Perfect Dancing Partner: Flexibility Is Not Enough!!”

Bacteria: Good and Bad (poster session) *Science Center Focus*

Michelle Nguyen, “Use of ^{31}P and ^{23}Na NMR Spectroscopy to Characterize pH Homeostasis in *Synechocystis* sp. strain PCC 6803”

Monica Fung and Kendall LaSane, “Increased Activity and Synthesis of Amino Acid Decarboxylases as an Acid Stress Response of Cyanobacterium *Synechocystis* sp. strain PCC 6308”

Natalya Maharaj and Evelyn Ooi, “Interactions of Wild Type Buforin II with Physiologically Relevant Lipid Membranes”

Nana Liu, “Application of a Transmembrane Potential in Molecular Dynamic Simulations of Buforin II•Membrane Interactions”

Animal Physiology (poster session) *Science Center Focus*

Stephanie-Lydia Njemanze, “Progesterin Receptor Expression in Rat Brain and Uterus”

Sarah D. Park, “Role of Potassium Ion Channels in the Survival of Goldfish without Oxygen”

Social Analysis**Nationalism (short talks)** *Science Center 278*

Yi Kwan Chu, “Chinese Nationalism in U.S.-China Relations: Benign or Malign?”

Ariella Huff, “France in the Edwardian English Popular Imagination”

Angela Monika Altvater, “Soccer Mania: How a Pastime Has Rebuilt German Nationalism”

Ana Ila, “The Failure of East Germany and Its Aftermath from a Generational Perspective”

Perceptions and Human Interactions (poster session) *Science Center Focus*

Chenyang Zhang, “Decision-making Determinants in 2x2 Global Games: Some Experimental Results”

Lisa Byers, Katie Congress, and Christine Wang, “Perceptions of Others Based on Meal Type and Emotional State”

Sophie Nitkin, “An Exploration of the Problems Facing the Green Building Industry and LEED Certification”



2:40 – 3:00 Break

Refreshments served in Pendleton Atrium and Science Center Lounge.

3:00 – 4:10

Cross-cultural Research

You Went Where? Painting Lessons with Mauritanian Artists (exhibition) *Jewett Gallery*
Melina Koutsis

Being the Privileged “Other”: Confronting White Privilege in India (panel) *Pendleton East 139*
Jo Murphy and Laura Diss

Economic Issues

Market Forces (short talks) *Pendleton East 239*

Susan Colton, “Executive Stock Option Backdating and Corporate Governance”

SuiLin Yap, “Unraveling the Economic Volatility Decline Puzzle”

ThuHang Tran, “Spillover Effects of FDI on Financial Services: Does FDI Promote Local Financial Development in India?”

Shirla Sum, “The Impact of Financial Liberalization on Corporate Governance in Emerging Markets”

Literature and the Arts

Twentieth-century Flute Techniques (long performance) *Music Salon, Pendleton West 220*
Victoria Lo

Japan in Translation: Perspectives on Contemporary Women’s Narrative (panel)
Pendleton West 117

Cathleen Chuang, Clarice Gan, and Erika Uytterhoeven

Original Creative Work

Identity through Literature (literary readings) *Wang Campus Center 413*

Pam Watts, “A Reading of Original Children’s Literature”

Lynn Sternberger, “Wash Your Hands Afterward”

Pavlina Wolf, “Wolf Song”

Lauren Holmes, “‘Stacy,’ a Short Story”

Defining Ourselves as Artists (panel) *Jewett 450*

Emily Arauz, Kelsey van Beever, Beatrice Hunt, Yuna Kim, and Vanessa Wiegel

The Magic of the Obvious: Enlivening the Visual Vernacular (exhibition) *Jewett Gallery*

Elena English, Erin Brown, Joanna Wu, and Heather Albright

Science and Technology

Small Cells, Big Hopes: A Panel Discussion of Stem Cell Biology (panel) *Science Center 104*

Candice A. Allister, Yvonne M. Gruber, Portland V. Knox, Jena M. Roche, Rachel A. Schneider, and Cecilia L.M. Yu

Experiences of a Magnetic Moment: MRI Research at Wellesley (panel) *Science Center 396*

Jane Shin and Olivia Hendrick, “Studying the ‘Enlightenment’ of Crayfish using MRI”

Jessica L. Markham and Liz Hersman, “Using Nuclear Magnetic Resonance Spectroscopy to Understand Brain Chemistry in Rett Syndrome”

Sahr Khan, “Using Modified 3D-MDEFT and Surface Coils to Enhance Image Quality of MRI Studies at Wellesley College”

Laura Huang, Mehvish Mehrani, and Cassie Peitzman, “Using Magnetic Resonance Imaging to Monitor Neurodevelopmental Brain Changes in a Mouse Model of Rett Syndrome”



Creating Interactive Computer Games Using Multimedia Design and Programming (interactive teaching presentation) *Jewett Media Lab 247*

Agnes Chang, Eylul Dogruel, Stella Del Rosario, Caroline Sancken, Anita Yip, and Hitomi Yoneya

Brain Function: Normal and Abnormal (short talks) *Science Center 278*

Lauren Murphy and Faith Kim, "Adult Neurogenesis in the Crustacean Brain"

Maggie Blattner, Cynthia Crosswhite, and Kate Walsham, "Evaluating Synthetic Fragments of α -Synuclein for Influence on α -Synuclein Aggregation Behavior"

Garen Wolff and Elizabeth Marlow, "Comparing Locomotory and PDH Rhythms in *C. destructor* and *P. clarkii* to Determine Exogenous or Endogenous Source"

Social Analysis

Immigration, Labor, and Aid (short talks) *Pendleton West 116*

Nimmi Ariyaratne, "Female Migrants from Sri Lanka to the Middle East: Exploited Masses or National Asset?"

Amanda Carlson, "Learning, then Living Citizenship"

Gladys Palmer Onyango, "Help that Cripples: Foreign Aid and Cinema Industry in Senegal – A Historical Case Study of Dakar"

Human Rights and Abuses (short talks) *Pendleton West 212*

Sanja Jagesic, "Karl Marx and the Anarchists: A Sociological Analysis of Intellectual Conflict"

Jessica Allan, "Marginalizing the Masses: Religious Persecution in Early Modern Europe"

Robin Miller, "Moral Crimes and International Law: Evolution of the Concept of Genocide in the Context of the ICTY"

Ching-Tien (Tina) Lee, "The Social Construction of Evil: The Chinese Government's Persecution of the Falun Gong Movement"

Imagination, Creativity, and Self-construction (short talks) *Pendleton East 339*

Madeline Harms, "The Nature of Imaginary Companions: Answers from Children and Parents"

Katherine E. Tyson, "Internet Mediation of Romantic Relationships and Related Personality Constructs"

Kelsey Bundy, "Creativity, Motivation, and Flow: The Interaction of Creativity and Flow as Assessed by Self-determination Theory"



4:10 – 4:30 Break

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

4:30 – 5:40

Literature and the Arts

“Literature” and Identity (short talks) *Pendleton East 139*

Erin Doherty, “The Perversion of Christian Doctrine in Dostoevsky’s Late Novels”

Caitlin Sherman, “Film Festivals: Their European Origin, and the Snowballing Significance of Sundance”

Ashira Greene, “Identity and Community in William Faulkner’s *Light in August* and Zora Neale Hurston’s *Their Eyes Were Watching God*”

Danielle Oh, “Social Landscapes Revealed in Documentaries on Latin America and Africa”

Science and Technology

From Medicine to Remediation: Preparation, Characterization, and Applications of Poly (N-isopropylacrylamide)-based Hydrogels (panel) *Science Center 104*

Linda Guiney, Krystal Lee, Koko Takatori, and Katherine Wagner

Explaining the Digital Divide: Topics and Issues from the Rise in New Computer Technology in Education (panel) *Pendleton East 339*

Caitlin Alcala, Cassie McGurk, Marlie Philiossaint, and Lauren Rivard

From Molecules to Morphology (short talks) *Science Center 278*

Anthea Maslin, “Molecules to Morphology: Two-toed Sloths Are Evolutionary Rebels”

Yvonne M. Gruber, “Lung Morphology in a Mouse Model of Rett Syndrome”

Jessica Chen, “The Interaction of Buforin II with Lipid Vesicles of Varying Composition”

Christina Hao, “Biochemical Characterization of LNR-A of Human Notch1 and Notch2”

Social Analysis

Global Health (short talks) *Pendleton West 212*

Mahnaz Islam, “The ‘Intra-household Flypaper Effect’ in a Nutrition Program in Rural Guatemala”

Rhobhi Matinyi, “Pockets, Plans, and People: The Influence of Foreign Aid on Health Policy in Tanzania”

Rita Kuwahara, “Cities, Bugs, Sugar, and Poverty: What is the Health of the World’s Urban Poor Really Like?”

Seventy Years Later: Reexamining the Spanish Civil War (panel) *Pendleton West 116*

Victoria Sultani, Ro Chin, and Erika Kahn

What We Say and How We Say It (panel) *Pendleton East 239*

Colleen Hibbert, “Just What Do We Call You?: Addressing Professors at Wellesley”

Emily Cibelli, “‘Y’all Talk Funny’: Exploring Social Perceptions of Regional Linguistic Differences”

Margaret McGovern, “Secret Languages”

Siena Napoleon, “From Here to There: A Sociolinguistic Study on Gender and Direction-giving”