All members of the Wellesley College community are invited to attend.

8:45-9:15 a.m. Breakfast served in The Leonie Faroll Focus
9:15-10:25 a.m. Session I
10:25-10:45 a.m. Break, refreshments served in The Leonie Faroll Focus
10:45-11:55 a.m. Session II
12:00-1:30 p.m. Luncheon served in The Leonie Faroll Focus and the Science Library
1:30-2:40 p.m. Session III
2:40-3:00 p.m. Break, refreshments served in The Leonie Faroll Focus
3:00-4:10 p.m. Session IV

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74 National Fellowship Competition Recipients 2016-2017
75 Index
It is our privilege to invite your participation in the 2017 Tanner Conference. Established through the generosity of trustee emerita Estelle “Nicki” Newman Tanner ’57, the Tanner Conference explores the relationship between the liberal arts classroom and student participation in an increasingly diverse and interdependent world. The conference is premised on the belief that a greater understanding of the learning that takes place off campus—combined with critical inquiry into the purpose, value, and effect of such learning—has the potential to move liberal arts education in new directions. Encompassing the diversity of student experiences and interests, the Tanner Conference takes as its subject internships and service learning, international study, experiential learning in courses, research conducted away from Wellesley, and fellowships. The conference provides a venue for faculty, staff, and students to discuss the challenges to teaching and learning presented by new definitions of what constitutes the classroom. It also invites alumnae to return to campus to discuss how their decisions to participate in these experiences as Wellesley students later proved to be ones of consequence. We wish to thank all those presenting in the Tanner Conference for their roles in helping us to better understand Wellesley’s place in the world. We invite you to join the conversation that they are seeking to foster.

**Tanner Conference Committee**

Rachid Aadnani  
*Middle Eastern Studies Program*

Peggy Levitt  
*Department of Sociology*

Karen Z. Pabon  
*Slater International Center*

Dora Carrico-Moniz  
*Department of Chemistry*

Elizabeth Mandeville ’04  
*Career Education*

Ryan Quintana  
*Department of History*

Lee Cuba  
*Department of Sociology*

Adam Matthews  
*Department of Biological Sciences*

Elizabeth Robichaud  
*Albright Institute for Global Affairs*

Meredith Fluke  
*Davis Museum*

Martha J. McNamara  
*Department of Art*

Allison Sobel  
*Office of Resources*

Rebecca Gordon ’01  
*Albright Institute for Global Affairs*

S. Joanne Murray ’81  
*Albright Institute for Global Affairs*

Jennifer Thomas-Starck  
*Office of International Study*

Kanupriya Gupta  
*Class of 2018*

Eniana Mustafaraj  
*Department of Computer Science*

Winifred J. Wood  
*Writing Program and Cinema and Media Studies Program*

Julide E. Iye  
*Class of 2018*

Kimberly O’Donnell  
*Department of Biological Sciences*
### THEMATIC OVERVIEW

#### Culture & the Arts

<table>
<thead>
<tr>
<th>Topic</th>
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<th>Session</th>
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<tr>
<td>Cultivating Museum Audiences, Sustaining Museum Missions</td>
<td>Individual</td>
<td>One (9:15 a.m.)</td>
<td>392</td>
</tr>
<tr>
<td>A Foot in the Door: Exploring the Museum Field at the Davis</td>
<td>Panel</td>
<td>Two (10:45 a.m.)</td>
<td>104</td>
</tr>
<tr>
<td>The Practice and Practicalities of the Art World</td>
<td>Individual</td>
<td>Two (10:45 a.m.)</td>
<td>277</td>
</tr>
<tr>
<td>The Challenges of Publishing in the 21st Century</td>
<td>Individual</td>
<td>Three (1:30 p.m.)</td>
<td>261</td>
</tr>
<tr>
<td>Connecting Audiences to Art</td>
<td>Individual</td>
<td>Three (1:30 p.m.)</td>
<td>264</td>
</tr>
<tr>
<td>The Politics of Preservation and Place</td>
<td>Individual</td>
<td>Four (3:00 p.m.)</td>
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#### Empowerment of Youth, Women, & Families

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<th>Topic</th>
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<tr>
<td>Access to Education</td>
<td>Individual</td>
<td>One (9:15 a.m.)</td>
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<tr>
<td>Is It Working? Assessment as a Tool for Social Change</td>
<td>Individual</td>
<td>Two (10:45 a.m.)</td>
<td>270</td>
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<tr>
<td>The Citizen and the System</td>
<td>Individual</td>
<td>Two (10:45 a.m.)</td>
<td>380</td>
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<tr>
<td>Confronting Bias, Advancing Inclusion in Our Political System</td>
<td>Individual</td>
<td>Three (1:30 p.m.)</td>
<td>256</td>
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<tr>
<td>Grassroots Environmentalism: Mobilizing People through Forestation, Farming, Faith, and Feminism</td>
<td>Panel</td>
<td>Four (3:00 p.m.)</td>
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<tr>
<td>Conflict, Trauma, and Transformation</td>
<td>Individual</td>
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<td>E111</td>
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<tr>
<td>Healing Communities through Education, Law, Mentoring, and Organizational Support</td>
<td>Panel</td>
<td>Four (3:00 p.m.)</td>
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#### Health and Medicine Beyond Borders

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<th>Topic</th>
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<tr>
<td>Addressing Therapeutic Needs of Children and Adults at Walker School and Riverside</td>
<td>Panel</td>
<td>One (9:15 a.m.)</td>
<td>E111</td>
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<tr>
<td>Health and Disease in Diverse Cultural Contexts</td>
<td>Individual</td>
<td>One (9:15 a.m.)</td>
<td>264</td>
</tr>
<tr>
<td>Patchwork of Health: Intersections of Culture, Community, and Caring in Karnataka, India</td>
<td>Panel</td>
<td>One (9:15 a.m.)</td>
<td>277</td>
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<tr>
<td>Promoting Youth Health</td>
<td>Individual</td>
<td>One (9:15 a.m.)</td>
<td>278</td>
</tr>
<tr>
<td>Body Parts in Medicine: Skin, Bones, and More</td>
<td>Individual</td>
<td>Two (10:45 a.m.)</td>
<td>E111</td>
</tr>
<tr>
<td>Global Public Health: Much More than the Doctor’s Responsibility</td>
<td>Panel</td>
<td>Two (10:45 a.m.)</td>
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<tr>
<td>A Taste of Medicine: Biomedical Clinical Research Internships in the Greater Boston Area</td>
<td>Panel</td>
<td>Three (1:30 p.m.)</td>
<td>104</td>
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<tr>
<td>The Patient in a Person</td>
<td>Individual</td>
<td>Three (1:30 p.m.)</td>
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<tr>
<td>On My Mind</td>
<td>Individual</td>
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<td>278</td>
</tr>
<tr>
<td>Precision Medicine: From Gene to Brain to Cancer</td>
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<tr>
<td>Translational Research and Medicine</td>
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#### Identity, Community and Global Citizenship

<table>
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<tr>
<th>Topic</th>
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<th>Session</th>
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<tbody>
<tr>
<td>Matters of the Hearth</td>
<td>Individual</td>
<td>One (9:15 a.m.)</td>
<td>270</td>
</tr>
<tr>
<td>Policy Wonks in Training</td>
<td>Individual</td>
<td>One (9:15 a.m.)</td>
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<tr>
<td>Topic</td>
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<tr>
<td>Societal Structure of Discrimination</td>
<td>Individual Presentations</td>
<td>Session One (9:15 a.m.)</td>
<td>SCI 364</td>
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<tr>
<td>Collecting Stories Learning About Poverty in Boston</td>
<td>Panel</td>
<td>Session One (9:15 a.m.)</td>
<td>SCI 380</td>
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<tr>
<td>Innovative Activism</td>
<td>Individual Presentations</td>
<td>Session Two (10:45 a.m.)</td>
<td>SCI 261</td>
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<tr>
<td>Reporting the News, Experiencing the Culture</td>
<td>Individual Presentations</td>
<td>Session Two (10:45 a.m.)</td>
<td>SCI 278</td>
</tr>
<tr>
<td>Navigating Space and Culture</td>
<td>Individual Presentations</td>
<td>Session Two (10:45 a.m.)</td>
<td>SCI 392</td>
</tr>
<tr>
<td>Chasing Consensus</td>
<td>Panel</td>
<td>Session Three (1:30 p.m.)</td>
<td>SCI E111</td>
</tr>
<tr>
<td>Justice and Its Trajectories: A Journey through the Deep South</td>
<td>Panel</td>
<td>Session Three (1:30 p.m.)</td>
<td>SCI 278</td>
</tr>
<tr>
<td>The Elephant in the Room</td>
<td>Individual Presentations</td>
<td>Session Three (1:30 p.m.)</td>
<td>SCI 380</td>
</tr>
<tr>
<td>Working Around the Hill or Skirting the Swamp</td>
<td>Panel</td>
<td>Session Three (1:30 p.m.)</td>
<td>SCI 277</td>
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<tr>
<td>From Foreign Policy to Hummingbirds</td>
<td>Individual Presentations</td>
<td>Session Four (3:00 p.m.)</td>
<td>SCI 104</td>
</tr>
<tr>
<td>Documenting Displacement and Preserving Memory</td>
<td>Individual Presentations</td>
<td>Session Four (3:00 p.m.)</td>
<td>SCI E211</td>
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**Technology, Innovation and Education**

<table>
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<tr>
<th>Topic</th>
<th>Type</th>
<th>Session</th>
<th>Location</th>
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<tr>
<td>Fake News, Programming Languages, and App Design: Wellesley Computer Science Research?</td>
<td>Panel</td>
<td>Session One (9:15 a.m.)</td>
<td>SCI 261</td>
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<tr>
<td>Follow the Money: Demystifying Finance</td>
<td>Individual Presentations</td>
<td>Session One (9:15 a.m.)</td>
<td>SCI 396</td>
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<tr>
<td>Chasing Climate Change on the High Seas</td>
<td>Individual Presentations</td>
<td>Session Two (10:45 a.m.)</td>
<td>SCI E211</td>
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<tr>
<td>Everywhere Is Classroom</td>
<td>Individual Presentations</td>
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<td>SCI 256</td>
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<tr>
<td>Designing CS: Careers in User Experience Design and Human Computer Interaction</td>
<td>Panel</td>
<td>Session Two (10:45 a.m.)</td>
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<tr>
<td>How Technology Is Changing the Face of Science</td>
<td>Individual Presentations</td>
<td>Session Two (10:45 a.m.)</td>
<td>SCI 274</td>
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<tr>
<td>Signs of Life Under the Microscope</td>
<td>Individual Presentations</td>
<td>Session Two (10:45 a.m.)</td>
<td>SCI 364</td>
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<tr>
<td>Climate Change: From Your Backyard Garden to the Depths of the Ocean</td>
<td>Individual Presentations</td>
<td>Session Three (1:30 p.m.)</td>
<td>SCI E211</td>
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<tr>
<td>Making Things Better</td>
<td>Individual Presentations</td>
<td>Session Three (1:30 p.m.)</td>
<td>SCI 270</td>
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<tr>
<td>Programming and Drug Development: Informatics in Big Pharma</td>
<td>Panel</td>
<td>Session Three (1:30 p.m.)</td>
<td>SCI 274</td>
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<tr>
<td>Small Cogs in a Big Wheel</td>
<td>Individual Presentations</td>
<td>Session Three (1:30 p.m.)</td>
<td>SCI 364</td>
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<tr>
<td>Technological Projects at Non-Tech Companies</td>
<td>Panel</td>
<td>Session Three (1:30 p.m.)</td>
<td>SCI 396</td>
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<tr>
<td>First-Year Tech Internship Crash Course</td>
<td>Panel</td>
<td>Session Four (3:00 p.m.)</td>
<td>SCI 256</td>
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<tr>
<td>From Apple to Facebook: Internships at Large Tech Companies</td>
<td>Panel</td>
<td>Session Four (3:00 p.m.)</td>
<td>SCI 261</td>
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<tr>
<td>Leveraging a Tech Internship into a Fulltime Position</td>
<td>Panel</td>
<td>Session Four (3:00 p.m.)</td>
<td>SCI 270</td>
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<tr>
<td>Wellesley Computer Science at Large Universities</td>
<td>Panel</td>
<td>Session Four (3:00 p.m.)</td>
<td>SCI 380</td>
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<tr>
<td>Wellesley Brings Water to the World</td>
<td>Individual Presentations</td>
<td>Session Four (3:00 p.m.)</td>
<td>SCI 396</td>
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<tr>
<td>Time</td>
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<td>Title</td>
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<tr>
<td>8:45-9:15 a.m.</td>
<td>Breakfast</td>
<td>The Leonie Faroll Focus, Science Center</td>
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<td>9:15-10:25 a.m.</td>
<td>Session One</td>
<td>Culture and the Arts</td>
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<td>Cultivating Museum Audiences, Sustaining Museum Missions</td>
<td>SCI 392</td>
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<td>Finding a Connection: Exploring Identity at The Contemporary Jewish Museum</td>
<td>Emily Bader '18, International Relations–History</td>
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<td>The Hard Work of History: The Importance of Collaboration in a Small Nonprofit</td>
<td>Katherine Hobart '20, Undeclared</td>
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<td>Spending Money to Make Money: Events in Museum Development</td>
<td>Chelsea Gell '18, Art History</td>
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<td>Empowerment of Youth, Women, and Families</td>
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<td>Access to Education</td>
<td>SCI 256</td>
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<td>A Tale of Two Summers: Changing Mindsets to Alter the Classroom Experience</td>
<td>Kindred Obas '19, English</td>
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<td>9:15-10:25 a.m.</td>
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<td>Health and Medicine Beyond Borders</td>
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<td>Promoting Youth Health</td>
<td>SCI 278</td>
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<td>The Benefits and Challenges of a Charity Hospital Abroad</td>
<td>Stephanie Kim '18, Biochemistry</td>
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<td>Urothelial Remodeling Protects the Kidney During Obstructive Injury</td>
<td>Shira Cohen '20, Undeclared</td>
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<td>From Pancake Parfaits to Green Pizza: Exploring Culinary Literacy through School Nutrition</td>
<td>Noor Pirani '19, Biological Sciences and Spanish</td>
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<td>ACL Return to Play and Other Lessons from Orthopedic Sports Medicine Research</td>
<td>Silpa Karipineni '18, Economics</td>
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<td>Health and Disease in Diverse Cultural Contexts</td>
<td>SCI 264</td>
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<td>Implementing Global Health: HIV and Health at the United Nations Development Programme</td>
<td>Tanvee Varma '18, Economics</td>
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<td>Redefining Volunteering in the Health Sector: What Is Ethical Travel?</td>
<td>Sharleen Garcia Villagomez '20, Undeclared</td>
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<td>Tackling Reproductive Health, Safe Births, and Maternal Mortality in Northern Tanzania</td>
<td>Noa Weinstein '18, Spanish</td>
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<td>Patchwork of Health: Intersections of Culture, Community, and Caring in Karnataka, India (Panel)</td>
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<td>Addressing Therapeutic Needs of Children and Adults at Walker School and Riverside (Panel)</td>
<td>SCI E111</td>
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<td>Layla Anderson-Washington '18, Psychology; Jacquelyn Floyd '19, Psychology; Inga Nina Piotrowska '20, Undeclared; Lauren Rondestvedt '18, Psychology; Chelsea Roston '19, Psychology; Lucia Tu '19, Psychology</td>
<td>Sally Theran, Psychology</td>
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</table>
Identity, Community, and Global Citizenship

Matters of the Hearth
SCI 270

Nourishing Identity in a Vegan Community in the Pyrenees Mountains
Nicole Zhao ’20, Undeclared
ADVISOR: Kristina Jones, Biological Sciences

Micros and Chilenismos: Academic and Social Learning Abroad in Chile
Emily Neel ’18, Environmental Studies
ADVISOR: Jennifer Thomas-Starck, International Studies

Organic Agriculture Development in China: Working with an American NGO and Local Chinese Farmers
Yuxi Xia ’20, Undeclared
ADVISOR: Kristina Jones, Biological Sciences

Memories of Morocco: Fasting, Food, and French Colonialism
Adeline Du Crest ’19, International Relations–History
ADVISOR: Lidwien Kapteijns, History, Elizabeth Kimball Kendall and Elizabeth Hodder Professorship in History

Societal Structure of Discrimination
SCI 364

Justice in the City: The Role of Discretion in Law and Order
Tashay Campbell ’18, Economics and Spanish
ADVISOR: Tracey Cameron, Harambee House

Queering Immigration Rights: A Strive for Inclusivity
Ixchel Lopez ’19, American Studies
ADVISOR: Michael Jeffries, American Studies

Shattering the Model Minority Myth and Seizing a Place at the Table
Diana Lam ’20, Undeclared
ADVISOR: Catia Confortini, Peace Studies

Collecting Stories Learning About Poverty in Boston (Panel)
SCI 380

The Intersectionality of Poverty: Looking at Finance, Volunteerism, Education, and Health
Hayley Liebenow ’19, Psychology; Esa Tulja ’19, Economics; Hawah Kallon ’19, Africana Studies and Psychology; Christina Okezie ’19, Political Science
ADVISOR: Erin Konkle, Career Education

Policy Wonks in Training
SCI 274

Navigating the Machine: Experiences Working in the Embassy
Catherine Woodhouse ’18, International Relations–Political Science
ADVISOR: Igor Logvinenko, Political Science

Inverting the Narrative: My Experience with Congressional Bipartisanship in a Polarized Era
Daniela (Danni) Ondraskova ’18, Economics and Russian Area Studies
ADVISOR: Igor Logvinenko, Political Science

Part-Time Foreign Policy Internships at Think Tanks: Could Less Be More?
Heng (Amber) Qin ’18, Political Science
ADVISOR: Paul MacDonald, Political Science

Interning Abroad: The Israel Securities Authority
Abigail Katz ’20, Undeclared
ADVISOR: Heather Bryant, Writing Program

Empowerment of Global Communities through Shared International Interests
Arela Haluci ’18, Economics and Political Science
ADVISOR: Panagiotis Metaxas, Computer Science

Technology, Innovation, and Education

Fake News, Programming Languages, and App Design: Wellesley Computer Science Research? (Panel)
SCI 261

Isabelle Li ’20, Undeclared; Emma Lurie ’19, Computer Science; Nicole Gates ’20, Undeclared; Breana Dunpee-Jones ’20, Undeclared; Khonzoda Umarova ’20, Undeclared
ADVISOR: Eniana Mustafaraj, Computer Science

Follow the Money: Demystifying Finance
SCI 396

Demystifying Business Research: A Summer at Harvard Business School
Lingmao (Ling) Zhou ’19, Economics; Ginny Jing Nie ’19, Economics and Mathematics; Orenda Gu ’19, Economics and Psychology
ADVISOR: Joseph Joyce, Economics, M. Margaret Ball Professorship in International Relations

The State of Finance in 2017
Victoria Angelova ’18, Economics
ADVISOR: S. Joanne Murray, Albright Institute for Global Affairs

I Can and Will: Real-World Economics at the NY Federal Reserve
Karen Ni ’18, International Relations Economics
ADVISOR: Kyung-Hong Park, Economics
SESSION TWO
10:45-11:55 a.m.

Culture and the Arts
A Foot in the Door: Exploring the Museum Field at the Davis (Panel)
SCI 104
Isabelle Raposo ’19, Classics and English; Kate Davies ’19, Art History and English; Melina Mardueño ’18, Art History and Art Studio
Advisor: Meredith Fluke, Davis Museum and Cultural Center

The Practice and Practicalities of the Art World
SCI 277
How to Become a (Paid) Online Film Critic
Ciara Wardlow ’19, Biological Sciences and Cinema and Media Studies
Advisor: Maurizio Viano, Cinema and Media Studies

Physical Presence in Performance: Blending Japanese and American Philosophies of Theater
Megan Ruppel ’20, Undeclared
Advisor: Marta Rainer, Theatre Studies

Taking a Peek at the Art World: Studio Haegue Yang Summer Internship
Juyon Lee ’18, Art Studio
Advisor: Daniela Rivera, Art

Empowerment of Youth, Women, and Families
Is It Working? Assessment as a Tool for Social Change
SCI 270
Not Just a White Woman’s Disease: Eating Disorders in Black and Latina Women
Alexa Riobueno-Naylor ’18, Psychology and Sociology
Advisor: Markella Rutherford, Sociology

The Grass Is Always Greener on the Other Side
Cecilia Barreto ’20, Undeclared
Advisor: Layli Maparyan, Wellesley Centers for Women

One Summer Isn’t Enough: 10 Reasons Why
Thalia Ramirez ’18, Neuroscience
Advisor: Spanish

Social Science Research on the Efficacy of a Non-Profit’s Workforce Development Program
Ninan Pollack ’20, Undeclared
Advisor: Nadya Hajj, Political Science

The Citizen and the System
SCI 380
Stopping Scams and Solving Disputes with the Vermont Attorney General’s Office
Annalee Beaulieu ’18, Political Science and Spanish
Advisor: Nancy Scherer, Political Science

Members Only: Gatekeeping Access to Welfare in Mexico’s Political Battleground
Siena Harlin ’18, Anthropology
Advisor: Susan Ellison, Anthropology

A Renewed Sense of Hope: Enforcing Civil Rights Law in Massachusetts
Alezzeh Rauf ’18, International Relations–Political Science
Advisor: Rosanna Hertz, Women’s and Gender Studies, Class of 1919-50th Reunion Professorship

Who’s Trying to Abolish Prison?
Natalia Marques ’19, Political Science
Advisor: Laura Grattan, Political Science

Health and Medicine Beyond Borders
Body Parts in Medicine: Skin, Bones, and More
SCI E111

Setting Sights on the Future
Nicole Anderson ’18, Psychology
Advisor: Sheryl Rosenberg, Career Education

Technological Advancements as Acts of Service: Envisioning the Future of Biomedical Engineering
Margaret (Meg) Babikian ’18, Economics
Advisor: Donald Elmore, Chemistry

From Person to Person: Engineering the Path of Tissue Donation
Talia Tandler ’18, Biological Sciences and Biomechanical Engineering
Advisor: Louise Darling, Biological Sciences, Knafel Assistant Professor of Natural Sciences

Global Public Health: Much More than the Doctor’s Responsibility (Panel)
SCI 396
Zoe Matticks ’18, Neuroscience; Alexandra Beem ’18, Biological Sciences; Aida Abou-Zamzam ’19, Cognitive and Linguistic Sciences; Hema Venkata ’19, Biological Sciences; Caroline George ’19, Environmental Studies and Music
Advisor: Rocio-Maria Tisdell, Career Education
Identity, Community, and Global Citizenship

Innovative Activism
SCI 261

Integration Between Formal and Informal Settlements in Rio de Janeiro
Maria-Alejandra Jaramillo DS, History
Advisor: Ryan Quintana, History

Traveling Abroad: Developing Mutually Beneficial Community Engagement
Alondra Navarro ’18, Sociology
Advisor: Rebecca Gordan, Albright Institute for Global Affairs

Self-Reflection, a Catalyst for Change
Monica Naranjo DS, Peace and Justice Studies and Psychology
Advisor: Irene Mata, Women’s and Gender Studies, Barbara Morris Caspersen Associate Professorship in the Humanities

Fighting the Mafia by Working Their Land
Silvia Pera ’18, Political Science
Advisor: Daniela Bartalesi-Graf, Italian Studies

Navigating Space and Culture
SCI 392

A Year Abroad: Perspectives on London, the LSE, and Economics
Kathleena Inchoco ’18, Economics and Mathematics
Advisor: Ann Velenchik, Writing Program

Studying and Interning in Japan: From Tokyo to Mt. Fuji
Nadine Franklin ’18, Art Studio; Sabrina Ruiz ’18, International Relations–Political Science
Advisor: Kristiana Graves, International Studies

Learning Russian as an International Student: Is Knowing Language a Privilege?
Seo Jung Kim ’19, Political Science and Russian Area Studies
Advisor: Alla Epsteyn, Russian

Navigating Japan’s Past and Present: Ten Weeks Living and Working in Tokyo
Si Ru (Cissy) Hao ’19, Art History
Advisor: Heping Liu, Art

Reporting the News, Experiencing the Culture
SCI 278

A Summer in China: Perspectives from Its Cosmopolitan Cities
Sabrina Leung ’18, International Relations–Political Science
Advisor: Brenna Greer, History, Knafel Assistant Professor of Social Sciences

A View of Modern Beijing: Working at a Lifestyle Magazine
Jennifer Mou ’18, Economics and Psychology
Advisor: Brenna Greer, History, Knafel Assistant Professor of Social Sciences

Navigating the Changing World Through Foreign Reporting
Anna Hunter ’19, East Asian Studies
Advisor: William Joseph, Political Science

At the Corner of Wellesley and Mainstream Media: Diversity in Broadcast Journalism
Rachel Pak ’18, English and Media Arts and Sciences; Anjali Sundaram ’18, French
Advisor: Winifred Wood, Writing Program

Bullet Trains, not Tap Water: Comparing Chinese and Western Technological Advancement
Olivia Lewis ’20, Undeclared
Advisor: Qiuyan Tang, East Asian Languages and Cultures

Technology, Innovation, and Education

Signs of Life Under the Microscope
SCI 364

Optimization of Techniques Allowing Gene Identification in Tissue
Georgia Marquez-Grap ’20, Undeclared
Advisor: Jaclyn Matthes, Biological Sciences

Sugars in Space: Formation of Sugar Derivatives in Astrophysical Ice Analogues
Christina Buffo ’19, Chemical Physics
Advisor: Christopher Arumainayagam, Chemistry

Let’s Talk About It: The Neural Mechanisms Behind Autism and Social Interaction
Ruth Vorder Bruegge ’18, Neuroscience
Advisor: Leif Gibb, Graybiel Lab, McGovern Institute for Brain Research, MIT

Inside the Canine Mind: Do Dogs Understand Our Intentions?
Chloe Nosan ’20, Undeclared
Advisor: Jeremy Wilmer, Psychology

From Clusters to Spheres
Samanta (Sam) Huang ’19, Physics
Advisor: Jerome Fung, Physics

How Technology Is Changing the Face of Science
SCI 274

From Social Justice to Psychometrics: Developing Scientific Tools to Diversify Neuropsychiatric Research
Jasmine Kaduthodil ’18, Neuroscience
Advisor: Jeremy Wilmer, Psychology

The Future of Medicine Is in Biomedical Electrochemical Sensing Devices
Zeynep Metin (Zizi) Yozgyur ’19, Biological Sciences
Advisor: Kimberly O’Donnell, Biological Sciences

A New Age of Targeted Therapy: Antibody Drug Conjugates
Michelle Li ’19, Biochemistry and Economics
Advisor: Louise Darling, Biological Sciences, Knafel Assistant Professor of Natural Sciences
Sleeping Sickness Research: Connections Between Lab Work and the World
Hannah Mummey '20, Undeclared
ADVISOR: Melissa Beers, Biological Sciences

A Liberal Arts Experience in an Industrial Medicinal Chemistry Internship
Karley Bussow '18, Chemistry
ADVISOR: James Moyer, Chemistry

Everywhere Is Classroom
SCI 256

2.5 Million and Counting: Meeting the Needs of Syrian Refugees in Turkey
Juliide Iye '18, Middle Eastern Studies and Psychology
ADVISOR: S. Joanne Murray, Albright Institute for Global Affairs

Who Are the Students of Kuwait?
Selma Khalil '18, Neuroscience and Philosophy
ADVISOR: Rebecca Gordan, Albright Institute for Global Affairs

Dinosaurs, Ice Cores, and the Etruscans: Creating Exhibitions at The Field Museum
Clare Salerno '18, Sociology
ADVISOR: Sarah Isham, Career Education

Diversity, Inclusion, and Equity at Educational Testing Service (ETS)
Jessica (Jessie) Feng '19, Mathematics
ADVISOR: Roberta Schotka, Learning and Teaching Center

Chasing Climate Change on the High Seas
SCI E211

Chasing Harmful Algal Blooms: Imaging Flow Cytometry, Pigment Analysis, and Speedboats
Esther Jaffee '19, Biological Sciences
ADVISOR: Christa Skow, Biological Sciences

Targeting Behavioral Change through Social Science Research to Reduce Single-Use Plastics
Madeline Hughes '18, History
ADVISOR: Jeffrey Hughes, Biological Sciences

Understanding the Impacts of Data Length When Evaluating Coastal Flood Risk
Alexandra (Alex) Klufas '18, Mathematics
ADVISOR: Cassandra Pattanayak, Quantitative Reasoning

Leadership, Research, and Life on the High Seas
Kristina Oney '18, Biological Sciences; Francesca Korte '18, Biological Sciences
ADVISOR: Jennifer Thomas-Starck, International Studies

Designing CS: Careers in User Experience Design and Human Computer Interaction (Panel)
SCI 264

Havannah Tran '19, English and Media Arts and Sciences; Hiya Vazirani '19, Media Arts and Sciences; Katy Ma '18, Media Arts and Sciences; Maddie Kim '18, Media Arts and Sciences; Michelle Gelberger '18, Media Arts and Sciences; Vivian Zhang '19, Computer Sciences
ADVISOR: Orit Shaer, Computer Science, Class of 1966 Associate Professorship
LUNCHEON and EXHIBITION
12:00-1:30 p.m.

The Tanner Exhibition provides students the opportunity to learn about Wellesley’s international study, internship, and fellowship programs. Faculty and staff from Wellesley’s programs will be available to speak with students on the second floor catwalk area.

All members of the Wellesley College community are invited to the Tanner luncheon in the Leonie Faroll Focus and Science Library, Science Center.

SESSION THREE
1:30-2:40 p.m

Culture and the Arts
The Challenges of Publishing in the 21st Century
SCI 261

No, You’re Not Done Editing
Yona Levin ’18, English and Political Science
Advisor: Susan Meyer, English

It Takes a Village: Publishing Books for the 21st Century Child
Olivia Funderburg ’18, English
Advisor: Susan Meyer, English

Mapping Your Own Mrs. Dalloway: How Academic Publishing Reimagines the Literary Canon
Samantha English ’19, English
Advisor: Margery Sabin, English, Lorraine C. Wang Chair in English Literature

The Agent: Connecting Authors and Their Work to the World of Publishing
Natassja Haught ’18, English
Advisor: Susan Meyer, English

“Print” Down Your Dreams: Publishing a Translation of Netter’s Atlas of Neuroscience
Anran Li ’18, Neuroscience
Advisor: Michael Wiest, Neuroscience

Connecting Audiences to Art
SCI 264

Global Citizenship at the Peggy Guggenheim Collection
Rebecca Winterich-Knox ’18, English
Advisor: Sheryl Rosenberg, Career Education

An American Library in Paris: Reading the Culture and Politics of a Bicultural Institution
Elizabeth Taft ’18, French
Advisor: Helene Bilis, French

Preserving History: Grace Slack McNeil Internship at Historic New England
Grace (Gracey) Hellstrom ’18, Classical Civilization
Advisor: Martha McNamara, Art

Landscape Architecture, Urbanization, and Park Rangers: A Summer at the Olmsted Site
Irene Galarneau ’19, Spanish
Advisor: Martha McNamara, Art

Health and Medicine Beyond Borders

The Patient in a Person
SCI 392

Complex Consequences of Chronic Disease
Kanika Gupta ’19, Psychology
Advisor: Sally Theran, Psychology

The Effects of Mental Health on Women’s Bodies and Women’s Healthcare Treatment
Catharine Hemp ’18, Psychology
Advisor: Jeremy Wilmer, Psychology

Behind Bars: Mental Healthcare for NYC’s Incarcerated Patients
Ashley Wang ’20, Undeclared
Advisor: Charlene Galarneau, Women’s and Gender Studies

Empowerment of Youth, Women, and Families
Confronting Bias, Advancing Inclusion in Our Political System
SCI 256

Helping Victim Advocates Help Survivors of Sexual Assault
Arielle Schoen ’19, Political Science and Women’s and Gender Studies
Advisor: Catia Confortini, Peace Studies

Mobilizing Pro Bono Work for Transgender Communities in Atlanta
Emily Johnston ’18, Peace and Justice Studies
Advisor: Catia Confortini, Peace Studies

Voter Suppression in American Elections: A Threat to Democracy from Within
Doris Li ’20, Undeclared
Advisor: Igor Logvinenko, Political Science

Where Neuroscience and Political Science Meet: Gender, Women, and Democracy
Basma Jaber ’18, International Relations–Political Science and Neuroscience
Advisor: Rebecca Gordan, Albright Institute for Global Affairs
A Taste of Medicine: Biomedical Clinical Research Internships in the Greater Boston Area (Panel)
SCI 104
Se Yun (Scarlett) Cheon '19, Biological Sciences; Prapti Koirala '19, Biological Sciences; Mayla Thompson '19, Biochemistry; Sarah Moinuddeen '19, Biological Sciences; Lumi Kinjo '19, Chemistry; Cindy Zhou '20, Undeclared
ADVISOR: Adam Matthews, Biological Sciences

Identity, Community, and Global Citizenship

Working Around the Hill or Skirting the Swamp (Panel)
SCI 277
Margaretta Mitchell '18, Anthropology; Emily Boyk '18, Political Science and Women's and Gender Studies; Jessica Shin '18, Economics and Political Science; Eliza McNair '18, Computer Science; Raeesa Rane '18, Undeclared; Emerson Goldstein '18, American Studies and Political Science
ADVISOR: Paul MacDonald, Political Science

Chasing Consensus (Panel)
SCI E111

Standing Firm in a Time of Political Uncertainty: Tales from DC
Linda Zhou '18, East Asian Studies and Political Science; Sarah McBride '18, Biological Sciences; Sarah Legried '18, Psychology and Women's and Gender Studies; Sonia Hupalo DS, Environmental Studies; Sydney Stewart '18, Peace and Justice Studies
ADVISOR: Laura Grattan, Political Science

Justice and Its Trajectories: Journey through the Deep South (Panel)
SCI 278

Confronting the Unacceptable: Civil Rights, Justice, and Faith in the American South
Emma Brewer-Wallin '18, Religion and Peace and Justice Studies; Jenny Xie '18, Physics; Chinenyenwa Amaechi '20, Undeclared; Andrea Marenco '20, Undeclared; Christine Rubera '19, Political Science
ADVISOR: Tiffany Steinwert, Dean Religious Life

The Elephant in the Room
SCI 380

What Does Grassroots Organizing Look Like in the Trump Era?
Karen Su '19, Political Science
ADVISOR: Syedda Ahmed, Career Education

Social Identities and Conflicting Connotations
Katherine (Katie) Madsen '19, English
ADVISOR: Linda Charmaraman, Wellesley Centers for Women Grants

Connecting with White Rural Communities through Public Health
Kelsey Campbell '18, Latin American Studies
ADVISOR: Sarah Isham, Career Education

An Intern on Capitol Hill: Learning to Listen to America
Gabriella (Gabi) Vesey '18, Political Science and Psychology
ADVISOR: Marion Just, Political Science

Manufacturing and the Middle Class: Trade Policy’s Impact on Trump’s America
Sitara Sriram '19, Economics and Mathematics
ADVISOR: Megan Kerr, Mathematics

Technology, Innovation, and Education

Making Things Better
SCI 270

Drones, Bones, and Artec Studio Pro
Kaylie Cox '18, Classics
ADVISOR: Bryan Burns, Classical Studies

Supporting Drivers in Uncertain Situations: Ambient Light vs. Smileys in the Mirror
Maleah Maxie '18, Cognitive and Linguistic Sciences and Music
ADVISOR: Orit Shaer, Computer Science, Class of 1966 Associate Professorship

Haptic Feedback Research in Virtual Reality
Lauren Futami '18, Media Arts and Sciences; Dana Hsiao '18, Computer Science
ADVISOR: Orit Shaer, Computer Science, Class of 1966 Associate Professorship

Small Cogs in a Big Wheel
SCI 364

From Data to Decision Making: Behind the Scenes in Big Government
Keertana Anandraj '18, Mathematics
ADVISOR: Rocio-Maria Tisdell, Career Education

Facilitating International Collaborations in STEM: Summer at the National Science Foundation
Mehak Sarang '18, Physics
ADVISOR: S. Joanne Murray, Albright Institute for Global Affairs

Build-Your-Own-Job: My Summer at a (Very) Early-Stage Startup
Kate Pundyk '20, Undeclared
ADVISOR: Tom Burke, Political Science

Hacking the Bureaucracy: Navigating the Government as a Technology Student
Rachel Dodell '18, Media Arts and Sciences
ADVISOR: Orit Shaer, Computer Science, Class of 1966 Associate Professorship
Climate Change: From Your Backyard Garden to the Depths of the Ocean
SCI E211

Greenhouse Gas Emissions by Different Ecological Communities in the Botanic Gardens
Lauren Tso ’20, Undeclared; Sulaikha Buuh ’20, Undeclared; Lyba Khan ’20, Undeclared
Advisor: Jaclyn Matthes, Biological Sciences

How Gases Cross from the Ocean into the Atmosphere
Callan Krevanko ’18, Chemistry; Elizabeth Lambert ’20, Undeclared; Helene Alt DS, Chemistry
Advisor: Rachel Stanley, Chemistry

Programming and Drug Development: Informatics in Big Pharma (Panel)
SCI 274
Brenda Ji ’18, Biochemistry; Taylor Fortnam ’18, Classical Civilization and Mathematics; Jennifer Chien ’19, Computer Science; Clara Sorensen ’18, Biological Sciences and Computer Science
Advisor: James Battat, Physics

Technological Projects at Non-Tech Companies (Panel)
SCI 396
Sharon (Wenxin) Zhang ’18, Computer Science and Mathematics; Nancy Ho ’18, Computer Science and Mathematics; Natalie Sayed ’18, Computer Science; Jacqueline Young ’18, Computer Science
Advisor: Brian Tjaden, Computer Science
BREAK
2:40-3:00 p.m.
The Leonie Faroll Focus, Science Center

SESSION FOUR
3:00-4:10 p.m.

Culture and the Arts
The Politics of Preservation and Place
SCI 364

A Gem in Back Bay: Preserving Tiffany’s Last Standing Mansion
Kealani Finegan ‘19, Media Arts and Sciences
ADVISOR: Martha McNamara, Art

The Reconstruction of the Frauenkirche and the Making of a Monument
Madeline (Maddie) Taylor ‘19, German Studies and History
ADVISOR: Thomas Nolden, German

Changing Habits: A New Era of Catholic Monasticism
Maya Nandakumar ‘19, Classics
ADVISOR: Carlos Ramos, Spanish

Heritage Conservation: Who are the Architects of 69-Year-Old Refugee Camps?
Soumaya (Soum) Difallah ‘20, Undeclared
ADVISOR: Catia Confortini, Peace Studies

Empowerment of Youth, Women, and Families
Conflict, Trauma, and Transformation
SCI E111

Trauma-Informed Education in a Greek Refugee Camp
Lauren Bazley ’18, Mathematics
ADVISOR: S. Joanne Murray, Albright Institute for Global Affairs

From Madrasa to Souvlaki: Lessons from Providing Direct Service to Refugees
Melissa Bruehl ’18, Political Science and Peace and Justice Studies; Heather Orta-Olama ’17 Economics
ADVISOR: Nadya Hajj, Political Science

Friends or Enemies? Conflict and Transformation Through Relationship Building Among Youth
Marley Forest ’18, Political Science
ADVISOR: Catia Confortini, Peace Studies

Healing Communities through Education, Law, Mentoring, and Organizational Support (Panel)
SCI 264

Implications of Metal Ions on Alzheimer’s Disease Pathogenesis
Anne Kim ’19, Neuroscience
ADVISOR: Sun-Hee Lee, East Asian Languages and Cultures

Grassroots Environmentalism: Mobilizing People Through Forestation, Farming, Faith and Feminism (Panel)
SCI 277

Translational Research and Medicine
SCI 392

The Role of De-N-Acetyl Polysialic Acid (dPSA) in Cancer Cell Adhesion and Migration
Casey Smith ’20, Undeclared
ADVISOR: Marc Teitel, Neuroscience

Transcription Factors’ Role in Autophagic Pathway Disruption and Their Effects on Aging
Sydney Brumfield ’18, Neuroscience
ADVISOR: Tracey Cameron, Harambee House

Health and Medicine Beyond Borders
On My Mind
SCI 278

Investigating Deep Brain Stimulation for Symptom Reduction in Parkinson’s Disease and Epilepsy
Aliyah Audil ’20, Undeclared
ADVISOR: Melissa Beers, Biological Sciences

Observing the Influence of Treatments for Multiple Sclerosis on Mice
Matilde Borio ’19, Neuroscience
ADVISOR: Barbara Beltz, Neuroscience, Allene Lummis Russell ’46 Professorship in Neuroscience

Science Writ Small: Antibiotic Research, Immersive Education, and Saving the World
Sarah Lange DS, Biochemistry and Psychology
ADVISOR: Julie Roden, Biological Sciences

Improving Diagnostic Tools and Visualization of Human Health
E. Ma ’19, Chemistry
ADVISOR: Mala Radhakrishnan, Chemistry, Whitehead Associate Professor of Critical Thought

Transcription Factors’ Role in Autophagic Pathway Disruption and Their Effects on Aging
Sydney Brumfield ’18, Neuroscience
ADVISOR: Tracey Cameron, Harambee House
Precision Medicine: From Gene to Brain to Cancer (Panel)
SCI 274
Hannah Jacobs ’19, Biochemistry; Catherine Xie ’19, Biochemistry and French; Brenda Nguyen ’19, Neuroscience; Kethu Manokaran ’18, Neuroscience and South Asian Studies
Advisor: Barbara Beltz, Neuroscience, Allene Lummis Russell ’46 Professorship in Neuroscience

Identity, Community, and Global Citizenship

Documenting Displacement and Preserving Memory
SCI E211
Borderline Human: Filming One Refugee’s Story Across Europe
Tina Xu ’17, Political Science
Advisor: Winifred Wood, Writing Program

Framing the Refugee Crisis: Documenting the Psychosocial Support of Refugees
Shanzay Kazmi ’18, Media Arts and Sciences
Advisor: Kristiana Graves, International Studies

Creating Community in a Refugee Camp: Stories from Northern Greece
Rachael Labes ’20, Undeclared
Advisor: Panagiotis Metaxas, Computer Science

Diarna: Researching Jewish Communities in North Africa, the Middle East, and Asia
Diane Tania Esther Schrenzel ’20, Undeclared; Laurel Stickney ’20, Undeclared
Advisor: Frances Malino, Jewish Studies, Sophia Moses Robison Chair in Jewish Studies

From Foreign Policy to Hummingbirds
SCI 104
Rebuilding an Island’s Environmental Legacy: a Summer in Vieques, Puerto Rico
Zoe Borghard ’18, Biological Sciences
Advisor: Amanda McCarthy, Chemistry

Nature and Happiness: Conversations in Rural Nepal
Neha Rajibhandary ’20, Undeclared
Advisor: James Turner, Environmental Studies

Hummingbird Research and Beyond: My Experience at the Rocky Mountain Biological Laboratory
Irina Chen ’18, Biological Sciences
Advisor: Jaclyn Matthes, Biological Sciences

Making the Implicit Explicit: Addressing Racism in Public Health
Dominique Lafontant ’19, Women’s and Gender Studies
Advisor: Irene Mata, Women’s and Gender Studies, Barbara Morris Caspersen Associate Professorship in the Humanities

Life and Legacy: Reflections from Post-Genocide Rwanda
Zilpa Oduor ’18, International Relations–Economics
Advisor: Rebecca Gordan, Albright Institute for Global Affairs

Technology, Innovation, and Education

Wellesley Brings Water to the World
SCI 396
Assessment of Viability of a Low-Cost Xylem Water Filter in Uttarakhand, India
Caroline Morris ’18, Biological Sciences
Advisor: Amy Banzaert, Extradepartmental

Geohazards, Resource Management, and Community Growth in Nepal
Clara Cogswell ’18, Classical Civilization and Geosciences
Advisor: Daniel Brabander, Geosciences, Frost Professorship in Environmental Science

Addressing Water Scarcity through Innovative Engineering and Community Partnerships in Cabo Verde
Kate Hansen ’19, Geosciences and Spanish; Brianna Love ’19, Architecture
Advisor: Amy Banzaert, Extradepartmental

Leveraging a Tech Internship into a Fulltime Position (Panel)
SCI 270

Leveraging a Tech Internship
Nina-Marie Amadeo ’18, Computer Science; Shannon Brown ’18, Computer Science; Marissa Okoli ’18, Media Arts and Sciences; Elif Samanci ’18, Computer Science and Mathematics; Dorothy Sun ’19, Computer Science and Mathematics; Maja Susanna Svanberg ’18, Computer Science
Advisor: Orit Shaer, Computer Science, Class of 1966 Associate Professorship

From Apple to Facebook: Internships at Large Tech Companies (Panel)
SCI 261

Internships at Large Tech Companies
Hannah Murphy ’19, Computer Science; Jesslyn Tannady ’18, Computer Science and Media Arts and Sciences; Pet Ramanudom ’18, Computer Science and Women’s and Gender Studies; Andrea Jackson ’18, Computer Science; Cecellia Tsui ’18, Computer Science
Advisor: Christine Bassem, Computer Science

First-Year Tech Internship Crash Course (Panel)
SCI 256
Sarah Yan ’20, Undeclared; Annabel Rothschild ’20, Undeclared; Lauren Luo ’20, Undeclared; Anah Lewi ’20, Computer Science; Meha Ahluwalia ’20, Undeclared
Advisor: Jean Herbst, Computer Science
Wellesley Computer Science at Large Universities (Panel)

SCI 380

CS Beyond the Bubble: Computer Science Research at Large Universities
Jessica (Jess) Abramson ’19, Computer Science and Psychology; Valerie Zhao ’18, Computer Science and Neuroscience; Beryl Larson ’19, Economics
Advisor: Eniana Mustafaraj, Computer Science

Empowerment and Change through Education Technology
Magdalena Sowder ’18, Media Arts and Sciences; Yuna Gan ’20, Undeclared; Jamie Yip ’18, Computer Science and History
Advisor: Franklyn Turbak, Computer Science
CONFERENCE ABSTRACTS AND WEB-BASED SCHEDULER

BREAKFAST
8:45-9:15 a.m.
The Leonie Faroll Focus, Science Center

SESSION ONE
9:15-10:25 a.m.

Culture and the Arts
Cultivating Museum Audiences, Sustaining Museum Missions
SCI 392

Finding a Connection: Exploring Identity at The Contemporary Jewish Museum
Emily Bader ’18, International Relations–History
Advisor: Frances Malino, Jewish Studies, Sophia Moses Robison Chair in Jewish Studies

The Contemporary Jewish Museum (The CJM) was a fascinating look at a major effort to connect contemporary Jewish identity to both a global Jewish audience and a local non-Jewish community. In my role in the development department, I spent the majority of my time reviewing exhibitions, educational programs, and community outreach initiatives; I learned that The CJM walks a fine line between “too Jewish” and “not Jewish enough.” The CJM holds neither permanent collections nor historical exhibitions, meaning it has the freedom to feature both contemporary Jewish artists and commissioned/featured artists inspired by Jewish principles and ideas. In my presentation, I will elaborate on the exploration of contemporary Jewish identity through art that is universally accessible. In particular, I will speak to the discussion between reaching a larger non-Jewish audience and appealing to Jewish donors.

The Hard Work of History: The Importance of Collaboration in a Small Nonprofit
Katherine Hobart ’20, Undeclared
Advisor: Martha McNamara, Art

When I began my internship at the Cambridge Historical Society (CHS), I was a programs intern helping to research and plan an event for next year, but over the course of the summer, my role expanded to include running the society’s social media, assisting with the launch of their new website, and creating a finding aid for one of the collections. This experience taught me that working at a small nonprofit is an intense work environment, where everyone contributes to each part of the organization’s mission. As an art history major, one of my potential career paths is working at a small nonprofit, and this experience helped me to realize how much time, energy, and devotion to the organization that takes. I hope that my presentation will demonstrate how public history organizations like CHS are successful because of a few committed individuals who devote all their time to their missions.

Empowerment of Youth, Women, and Families
Access to Education
SCI 256

A Tale of Two Summers: Changing Mindsets to Alter the Classroom Experience
Kindred Obas ’19, English
Advisor: Soo Hong, Education

The MIT/Wellesley Upward Bound program focuses on serving groups of students who are minority, low income, and first generation to college. The program seeks to guide its students into higher education by developing a love for learning and encouraging personal growth. A mindset of patience, empathy, and openness is necessary to be a staff member in this program. This presentation will seek to compare and contrast two summers as an Upward Bound teaching assistant while examining how a change in mindset promoted success in working with the students and with the students’ success in the classroom. From choosing required reading for the students that was culturally relevant and relatable for them, to seeing each student with fresh eyes daily no matter their previous day’s performance or attitude, I will examine the tactics that worked (and did not) in my summer position.

Spending Money to Make Money: Events in Museum Development
Chelsea Gell ’18, Art History
Advisor: Meredith Fluke, Davis Museum and Cultural Center

How do museums raise money to put on their various exhibitions, fund expansion projects, and support operations? My internship at the Peabody Essex Museum was an insight into the world of development and how events are used to cultivate donors. In my internship I supported the development department through extensive research, and in doing so I gained insight into how museums use events, such as hip trunk shows and elaborate galas, to motivate people to donate. Development is an effort to bring patrons closer to the museum and its mission, requiring a depth of understanding both of the patrons and the museum mission, and the ability to bring the two together. This presentation will illuminate the thought that goes into creating a web of support to keep museum doors open.

Fighting Poverty through Education: Teaching Science and Learning in Tanzania
Liah Watt ’19, Neuroscience
Advisor: Geofred Osoro, Africana Studies
For two months this summer, I lived in Arusha, Tanzania, and taught science at the School of St. Jude. For the last two years at Wellesley, I have studied Swahili, so living in Tanzania was a good way to immerse myself in East African culture, where Swahili is the common tongue. In my time in Tanzania, I watched my eighty students, who ranged in age from 12 to 15 and came from families who live on less than $1.75 per day, work harder than any other kids I’ve ever met. Their motivation and respect for the education they were getting was inspiring, and helped to remind me of how fortunate we are here at Wellesley and in the US. Hopefully, in sharing my experiences, I will remind others of everything they have, and expose them to some of the richness of sub-Saharan African life.

Helping China’s Brightest Students Pursue a Liberal Arts Education

Zixia (Linda) Liu ’19, English; Vanessa Willoughby ’18, East Asian Studies
Advisor: Sheryl Rosenberg, Career Education

At the Beijing educational consulting startup Elite Scholars of China (ESC), Vanessa and I served as junior counselors and spent our summer with a bright group of high school students who are drawn to the liberal arts degree and wish to pursue higher education in America. An American citizen and a Chinese native, we led discussion groups, held one-on-one meetings, and guided summer activities for our students. We benefited from the mentorship of the dedicated senior counselors at ESC, who are passionate about making liberal arts education available to foreign students, and drew strength from the startup’s co-founder, a Wellesley alum of 1994, a Jewish American who moved to China 10 years ago barely knowing any Chinese. Our experiences there made us reflect upon the value of a liberal arts education and the importance of extending its benefits to people from across the world.

Health and Medicine Beyond Borders
Promoting Youth Health
SCI 278

The Benefits and Challenges of a Charity Hospital Abroad
Stephanie Kim ’18, Biochemistry
Advisor: Beth Hennessey, Psychology

Sonja Kill Memorial Hospital is a Cambodian charity hospital founded to provide healthcare to all members of the rural Kampot community regardless of their ability to pay. This past summer, I had the opportunity to work with the local staff to help set up the hospital’s first daycare center. The goal of the daycare is to create a safe environment of growth and learning in accordance with standard child developmental milestones. I also had the chance to work in the maternity and outpatient wards, learning firsthand how the hospital provides care to hundreds of patients a day. My time in Cambodia gave me insight into the special challenges faced by a westernized hospital in a resource-low community. This experience exposed me to some of the incredible work being done overseas, and reaffirmed my desire to one day practice and teach medicine abroad.

Urothelial Remodeling Protects the Kidney During Obstructive Injury
Shira Cohen ’20, Undeclared
Advisor: Lori Tenser, Class Dean

As a student interested in childhood disease, I studied urinary tract obstruction (UTO) this summer. UTO is a leading cause of chronic kidney disease in children. Alterations in renothelium, the interior lining of the kidney, are the earliest identified-in-mouse UTO models. The function of renothelium during UTO is unclear. We created surgical kidney obstruction in mice, monitored UTO by ultrasound, and performed microscopy to map renothelial remodeling. We identified peak cellular proliferation and cell death and found that the renothelium became bladder-like. When we depleted a renothelial cell population we found that it worsened obstructive kidney injury, suggesting the importance of renothelium during progressive kidney injury. A combination of wet-lab experience and clinical observations demonstrated the importance of our work toward developing diagnostic and therapeutic intervention for children with UTO. My experience was significant because I learned the paths and challenges of individuals in different stages of their career fields.

From Pancake Parfaits to Green Pizza: Exploring Culinary Literacy through School Nutrition
Noor Pirani ’19, Biological Sciences and Spanish
Advisor: Jaclyn Matthes, Biological Sciences

Healthy eating is a right, not a privilege. This summer, I interned at the Waltham Public Schools’ food service program, where I collaborated with the director and staff to promote healthy eating to students and families. Working in a district where a large number of students receive free and reduced-cost meals, I learned that school meals are often the only sources of nutrition a child receives in a day. Therefore, it is vital that students are exposed not only to healthy diets but also to nutrition education. During my internship, I crafted newsletters for families, helped implement nutrition lessons, and served in the cafeteria lunch lines. Through my experiences, I discovered that a cafeteria is more than just a room for students to eat in; it also serves as a classroom where students can consume wholesome meals, explore nutritious diets, and participate in a shared culture of healthy eating.

ACL Return to Play and Other Lessons from Orthopedic Sports Medicine Research
Silpa Karipineni ’18, Economics
Advisor: Christopher De La Cerda, Career Education

Interning in women’s sports medicine at the Hospital for Special Surgery provided an interactive and multidisciplinary experience. I worked with and for exercise physiologists,
physical therapists, rehabilitation specialists, orthopedic surgeons, and primary care sports medicine doctors. My research in the rehab department focused on return to play after ACL tears for young athletes and how to use movement patterns to predict recovery times. In the clinic, I worked on data collection and research to determine whether low levels of vitamin D were correlated with and predictors of poor bone health leading to higher frequencies of stress fractures. In addition to working on the studies, because I worked with so many different people across the hospital, I was able to follow patients from the operating room to the clinic and then to the rehabilitation department. Ultimately, the constant support and attention my supervisors gave me made the internship invaluable.

Redefining Volunteering in the Health Sector: What Is Ethical Travel?
Sharleen Garcia Villagomez ’20, Undeclared
Advisor: Justin Armstrong, Writing Program
This past summer I spent six weeks backpacking in Ghana with an organization called Operation Groundswell on a program that focused on global health. Every week I had the opportunity to collaborate with a different local health initiative that worked to examine underlying rural and urban health conditions, change the cultural stigmas surrounding disabilities, and encourage communities to use their indigenous knowledge to find opportunities that would bring economic and health benefits to more people. After this trip, more than ever before I questioned the implications of volunteering abroad. There are so many large Western organizations who are pushing their agendas without consulting the communities they want to “develop,” which is why I hope to share my thoughts on what ethical travel entails, as well as the importance of collaboration when volunteering in the health sector, particularly in west Africa.

Implementing Global Health: HIV and Health at the United Nations Development Programme
Tanvee Varma ’18, Economics
Advisor: Kyung-Hong Park, Economics
The United Nations Development Programme (UNDP) works to eradicate poverty and reduce inequalities through sustainable global development. Since 2003, UNDP has partnered with the global fund to fight AIDS, tuberculosis, and malaria to support the implementation of programs targeting the three diseases in developing countries. As the HIV, health and development intern at UNDP, I analyzed the role of civil society organizations (CSOs) in the implementation of disease programs. CSOs have historically played and continue to play an integral role in the disease response because of their familiarity with the historical and social contexts of the region. In addition, CSOs represent the interests of key populations in designing programs and influencing how governments address the health needs of their communities. In this presentation, I will discuss my experience as an intern at UNDP, civil society’s role under the UNDP global fund portfolio, and components of successful global health programs.

Tackling Reproductive Health, Safe Births, and Maternal Mortality in Northern Tanzania
Noa Weinstein ’18, Spanish
Advisor: Inela Selimovic, Spanish
The Foundation for African Medicine and Education (FAME) is a remarkable hospital tucked away in rural Karatu, Tanzania, four hours west of Mount Kilimanjaro. As the best-equipped hospital for hundreds of kilometers, FAME’s mission is to bring advanced medical care to the region by employing and training all-Tanzanian medical staff. FAME also strives to be a safe place for Masai people in the area, as they have been historically discriminated against in medical facilities. I worked this summer as a clinical and administrative volunteer at FAME and spent most of my time in the labor and delivery ward, shadowing nurses and doctors in births and C-sections. I witnessed how FAME aims to bring down the high maternal and infant mortality rates in Tanzania. I explored what my own small role could be in perpetuating an environment in which all patients felt welcomed and cared for no matter their background.

Patchwork of Health: Intersections of Culture, Community, and Caring in Karnataka, India (Panel)
SCI 277
Shivani Dayal ’18, Neuroscience; Darlene Harsono ’19, Neuroscience; Rebecca Taylor ’17, Health and Social Justice
Advisor: S. Joanne Murray, Albright Institute for Global Affairs
The Indian government has a widespread healthcare system and runs comprehensive public health campaigns, yet millions of people are still without access to adequate healthcare. This summer we interned at a Catholic convent in rural Karnataka and studied public health and healthcare systems. We worked among minority tribes including Siddis (African Indians), conducted field interviews alongside community health workers, created a health survey, and visited a variety of healthcare access points. Through interviews with villagers and healthcare workers, we investigated the efforts of the government, local community, and NGOs to address the rural health disparity. Our experiences revealed the profound way that health is interconnected with every aspect of life. We will share the challenges and opportunities we experienced as we discuss specific intersections of culture, community, and caring.

Addressing Therapeutic Needs of Children and Adults at Walker School and Riverside (Panel)
SCI E111
Layla Anderson-Washington ’18, Psychology; Jacquelyn Floyd ’19, Psychology; Inga
This past summer, we interned at the Walker School and Riverside Community Care. The Walker School is the most restrictive setting in Massachusetts, other than psychiatric hospitalization, for children with behavioral and emotional challenges (e.g., ADHD, PTSD). At Walker, Wellesley interns served as full-time staff members and worked with children between 5 and 13 years old on academic and recreational activities. Interns received training in therapeutic crisis intervention, which equipped us with techniques, such as emotional first aid, to assist in directing an escalated child toward safe behavior. Riverside’s Psychiatric Day Treatment Program is a highly structured therapeutic program for individuals with serious psychiatric conditions (e.g., anxiety, borderline personality disorder, depression, schizophrenia). At Riverside, individuals attend group sessions that enable them to learn cognitive behavioral therapy (CBT) and dialectical behavioral therapy (DBT) skills and work towards recovery and wellness in a supportive community space.

Identity, Community, and Global Citizenship

Matters of the Hearth
SCI 270

Nourishing Identity in a Vegan Community in the Pyrenees Mountains
Nicole Zhao ’20, Undeclared
Advisor: Kristina Jones, Biological Sciences

I met food in my first-year seminar on sustainable food and agriculture. There, I learned that she is nourishing for the body and spirit and that her significance permeates into every aspect of our lives. Despite our technological advancements, our need for food has never ceased. So why, I wondered, did I skip meals when I am too busy working? If not for good food, for what am I working? From that moment on, my question of food and identity became one. I spent my summer in the French Pyrenees hiking mountains while living and volunteering in an off-the-grid vegan community that welcomes all to experience their life of “douceur et harmonie.” There, my quest for “identity” convened with food and I learned how the food choices in an isolated community are silent but strong political actions to nourish and protect the peace and identity of their community.

Micros and Chilenismos: Academic and Social Learning Abroad in Chile
Emily Neel ’18, Environmental Studies
Advisor: Jennifer Thomas-Starck, International Studies

My experience abroad in Chile awarded me with valuable social, societal, and language learning. Two drastically different experiences contributed to this learning: an internship from metropolitan Santiago and university experience in the port of Valparaiso. Because the academic semester begins mid-February, I sought an opportunity to volunteer in agroecology and become exposed to the capital city. I gained a valuable opportunity to work at Centro Tecnológico para la Sustentabilidad, a sustainability-focused farm a few kilometers outside of Santiago in the town of Buin. My study abroad experience forced me out of my social comfort zone by requiring me to meet people in my internship and in social settings, while speaking shaky Spanish. Apart from the language growth, I expanded my vocabulary of “chilenismos,” became accustomed to the social structures and economies of Chile, and quickly learned to navigate public transportation in the Santiago metropolitan area and Chile as a whole.

Organic Agriculture Development in China: Working with an American NGO and Local Chinese Farmers
Yuwei Xia ’20, Undeclared
Advisor: Kristina Jones, Biological Sciences

In my first-year seminar on food, agriculture, and sustainability, I discovered my interest in sustainable agriculture and its role in environmental conservation. This summer, I interned with Rare working on organic agriculture development in China. While working on a behavior change campaign in Zhuqiao Village, I interviewed farmers and witnessed their daily struggles and moments of happiness. I met with local key stakeholders and planned for a series of campaign activities to engage local farmers and inspire changes in their perceptions towards organic farming and ultimately changes in their farming practices. As my hopes sometimes battled with the reality that seemed bleak, my experiences on the ground also inspired me to explore the relationship between NGOs and the local government and the gaps between the old and the young, the urban and the rural, and the farmer and the consumer, as well as the future of agriculture and rural development in China.

Memories of Morocco: Fasting, Food, and French Colonialism
Adeline Du Crest ’19, International Relations–History
Advisor: Lidwien Kapteijns, History, Elizabeth Kimball Kendall and Elizabeth Hodder Professorship in History

The most valuable aspect of my internship at the Center for Cross-Cultural Learning was spending two months living and working in Rabat, Morocco, where I gained insight into cross-cultural education and worked with students from the US studying abroad. In learning about the Moroccan way of life, I was especially struck by the push and pull between Islamic and colonial traditions, which were remarkably pronounced during the fast of Ramadan. My presentation will address the aspects of this Ramadan fast, food, and Frenchness in this historical city. Furthermore, I will reflect on the sources of community bonds and cohesion, and their benefits and costs. I hope to bring this experience to bear on my studies in history and
international security by sharing this experience. I intend to contribute to cross-cultural dialogue and encourage people to explore the value of this exchange in conflict resolution and problem solving.

Societal Structure of Discrimination
SCI 364

Justice in the City: The Role of Discretion in Law and Order
Tashay Campbell ’18, Economics and Spanish Advisor: Tracey Cameron, Harambee House

This summer while interning at the New York County District Attorney’s Office, I learned about the often-understated role of discretion in the US criminal justice system. Thrown into the fast paced, challenging, and investigative Financial Frauds Bureau, I worked closely with prosecutors on cases and ongoing investigations and gained insight on the internal processes of a DA’s office. This experience included writing parole letters, sitting in on witness interviews, assisting with a wiretap, and frequently observing litigation in the courtroom. Through my work at the DA’s office, I reflected on the personal and identity-related dilemmas that accompany prosecution, the obligations of the office to the community it serves, and how the office contributes to and combats our nation’s disease of mass incarceration. Similarly, this experience allowed me to contemplate my experiences on the Honor Code Council and consider the parallels between the two entities.

Queering Immigration Rights: A Strive for Inclusivity
Ixchel Lopez ’19, American Studies Advisor: Michael Jeffries, American Studies

This summer I was an intern at the Mexican American Legal Defense and Education Fund (MALDEF) based in Los Angeles, California. As a legal intern, my time there was spent doing research on parental engagement in schools, immigration rights, LGBTQ rights, and jury bias. At the end of the summer I was able to present to my colleagues about the importance of including queer and trans people in immigration work, the ways in which the justice system fails marginalized people, and the strive for justice outside of the courtroom. This presentation will discuss how, as a researcher and Wellesley student, I contributed to the active inclusion of queer people in immigration work. I gained insights on how law and politics affect different Latinx populations while working with a supportive and enthusiastic group of Latinx lawyers and law students.

Shattering the Model Minority Myth and Seizing a Place at the Table
Diana Lam ’20, Undeclared Advisor: Catia Confortini, Peace Studies

Center for Asian Americans United for Self Empowerment (CAUSE) is a nonprofit, nonpartisan, community-based organization with a mission to advance the political and civic empowerment of the Asian Pacific American (APA) community. This summer, I joined their political pipeline as a leadership academy intern. Through civic leadership workshops, office time in my state legislator’s office, and interactions with leaders in the APA community, I’ve learned more about my APA identity in the past summer than in my whole life. I graduated from the CAUSE leadership academy with an understanding of the issues facing my community, and an even greater understanding that I have an obligation to be a part of the change. Therefore, I re-enter Wellesley with a greater desire to learn, to be involved, and to be a part of our school’s decision-making process.

Collecting Stories Learning About Poverty in Boston (Panel)
SCI 380

The Intersectionality of Poverty: Looking at Finance, Volunteerism, Education, and Health
Hayley Liebenow ’19, Psychology; Esa Tilija ’19, Economics; Hawah Kallon ’19, Africana Studies and Psychology; Christina Okezie ‘19, Political Science Advisor: Erin Konkle, Career Education

We will explore the intersectionality of poverty through the scope of finance, volunteerism, education, and health from our respective Lumpkin internships at nonprofit organizations in Boston this past summer. We hope to emphasize the commonalities that tie these four lenses of poverty and shed light on how it is essential to view poverty as intersectional in order to create positive systemic change. Specifically, we will be examining the powerful intersection of finance and community through the lens of storytelling. Then, we will discuss the benefits that volunteer programs have on poverty and therefore the community. Additionally, we will discuss the intricacies of the education achievement gap and how curriculum, policy, and after-school programs make a difference in a child’s academic abilities depending on where a student resides. Finally, we will explore the limitations of healthcare outreach with marketing/social media when the community you’re serving is a low-income community.

Policy Wonks in Training
SCI 274

Navigating the Machine: Experiences Working in the Embassy
Catherine Woodhouse ’18, International Relations–Political Science Advisor: Igor Logvinenko, Political Science

This summer, I had the incredible opportunity of working at the US Embassy in London. From Brexit to terrorism to sanctions, I became closely familiar with some of the key issues that continue
to shape the relationship between the UK and the US. I witnessed firsthand the intricacies of politics play out as I wrote daily reports analyzing future pathways for UK policy, networked with UK government elite, and attended Parliament to discuss the politico-economic impact of halting EU immigration in the UK. Working under the current US administration added a unique component to my learning experience. In this presentation, I hope to demonstrate both the benefits and hardships of working for one of the oldest and largest foreign outposts of the US government.

**Inverting the Narrative: My Experience with Congressional Bipartisanship in a Polarized Era**

*Daniela (Danni) Ondraskova ’18, Economics and Russian Area Studies*  
*Advisor: Igor Logvinenko, Political Science*

As one of the most active and bipartisan committees in Congress, the House Committee on Foreign Affairs is a crucible of legislative activity, passing laws on US-Taiwan relations, designation of international terrorist groups, and sanctions on Russia, Iran, and North Korea this summer. My internship for the committee’s Republican majority guided me beyond the media narrative of a deadlocked Congress to the many underreported foreign policy changes. I had this experience during a politicized summer of executive staff changes, investigations, and debates over healthcare and the budget that dominated the news cycle. Preparing the chairman for hearings, writing analytical briefs on legislation, and discussing salient issues with prominent political leaders reinforced my belief in the promise of public service and Wellesley women’s unique ability to thrive on the Hill. I hope my story shows that Congressional internships are truly transformative and can challenge people’s conceptions of government, politics, and success.

**Part-Time Foreign Policy Internships at Think Tanks: Could Less Be More?**

*Heng (Amber) Qin ’18, Political Science*  
*Advisor: Paul MacDonald, Political Science*

As part of the Wellesley in Washington program, I completed two part-time internships at the National Bureau of Asian Research (NBR) and the Wilson International Center for Scholars. My work at NBR focused on topics such as nuclear multipolarity in Asia, trilateral security relations between the US, Japan, and South Korea, and the contentious nuclear issues on the Korean peninsula. I was also able to publish a question-and-answer piece on the recent presidential election in Mongolia. During my time at Wilson, I helped catalog declassified Chinese diplomatic documents from the 1950s and early 1960s and produced memos on China-North Korea relations. While these two organizations differ in size and structure, their differences made for a rewarding and holistic experience. In this presentation, I will discuss the possible options for part-time internships and foreign-policy-related work outside the government.

**Interning Abroad: The Israel Securities Authority**

*Abigail Katz ’20, Undeclared*  
*Advisor: Heather Bryant, Writing Program*

This summer, through Onward Israel, I had the opportunity to intern in the economics department at the Israel Securities Authority. Throughout the nine-week internship, I gained work experience in a developed, modern, culturally rich country, and was immersed in the Israeli culture. At the Israel Securities Authority, I conducted research and was assigned a project in which I had the opportunity to present to the chief economist. Through receiving an incredible work experience, meeting new people, and exploring Israel from the Dead Sea to the Galilee, I learned how to adapt, to take risks, and to pursue opportunities that I am passionate about. I wish to share the incredible benefits of working abroad and how to find a work experience that you are passionate about.

**Empowerment of Global Communities through Shared International Interests**

*Arela Haluci ’18, Economics and Political Science*  
*Advisor: Panagiotis Metaxas, Computer Science*

At a time when the United Nations apparatus is being denounced for political purposes, I had the unique opportunity to work alongside the United Nations Foundation’s advocacy team, in garnering support for the UN on Capitol Hill. In collaboration with US representatives, the business sector, NGOs, and citizens from around the world, we organized the two largest UN lobby days in Washington DC. My involvement in both the organization and execution aspects of the two projects exposed me to a wide variety of roles in the field of foreign affairs with the purpose of finding a series of shared international interests that connect American citizens and their representatives to the outcomes of UN programs. In doing so, I came to a comprehensive understanding of how empowerment is the commitment to acting based on shared interests and not seeking solely individual gain.

**Technology, Innovation, and Education**

**Fake News, Programming Languages, and App Design: Wellesley Computer Science Research? (Panel)**

*SCI 261*  
*Isabelle Li ’20, Undeclared; Emma Lurie ’19, Computer Science; Nicole Gates ’20, Undeclared; Breana Dupree-Jones ’20, Undeclared; Khonzoda Umarova ’20, Undeclared*  
*Advisor: Eniana Mustafaraj, Computer Science*

Computer Science (CS) research is more than sitting alone at a computer coding all day, so come learn about computer science summer research at Wellesley from five underclassmen! Emma Lurie ’19 and Khonzoda Umarova ’20 researched fake news and misinformation on the web, developing tools to further identify and monitor false information. Isabelle Li ’20
analyzed users’ projects on App Inventor, a web-based blocks programming environment for creating Android mobile applications, to explore how users learn over time. Breana Dupree-Jones ’20 and Nicole Gates ’20 developed an app, in partnership with Boston University and Boston Public Schools, to help high school students find and attend events around the city of Boston. Learn about the similarities and differences between the varied fields of CS research. Findings and the general Wellesley research experience will be shared.

**Follow the Money: Demystifying Finance**
SCI 396

**Demystifying Business Research: A Summer at Harvard Business School**

*Lingmao (Ling) Zhou ’19, Economics; Ginny Jing Nie ’19, Economics and Mathematics; Orenda Gu ’19, Economics and Psychology*

**Advisor:** Joseph Joyce, Economics, M. Margaret Ball Professorship in International Relations

We spent 10 weeks participating in Program for Research in Markets and Organizations (PRIMO) at Harvard Business School. Each of us worked on distinct projects with HBS professors, ranging from organizational structure in private equity and venture capital to hedge fund activism. This residential program is designed to give undergraduates exposure to graduate-level research and the HBS doctoral program. We were able to augment and enrich our knowledge about careers in academia and business through a speaker series from current doctoral candidates and Harvard professors. Coming back to Wellesley after this summer, we are all thrilled to be able to talk to professors about our research and use skills, such as Stata and R, that we started learning at Wellesley. We hope to inspire a change in perspective at Wellesley for doctoral programs and business research, as well as to provide support for anyone interested in pursuing summer research.

**The State of Finance in 2017**

*Victoria Angelova ’18, Economics*

**Advisor:** S. Joanne Murray, Albright Institute for Global Affairs

The world of finance is evolving. Culturally, investment banking has changed more than any other industry through its efforts to create a more supportive working environment. Concurrently, the state of the traditional finance institutions is upended by the advent of up-and-coming fintech firms overtaking payments services, insurance, and regulatory services. My personal experience as an investment banker in the financial institutions group gave me a lot of insight into the current state of the financial world, and I would love to share that in a language accessible to everyone.

**I Can and Will: Real-World Economics at the NY Federal Reserve**

*Karen Ni ’18, International Relations-Economics*

**Advisor:** Kyung-Hong Park, Economics

How well does Wellesley prepare its economics students for research work in “the real world”? This summer, through my internship with the Federal Reserve Bank of New York (FRBNY), I got a small taste of economics research and its intersections with policymaking and public finance. In this presentation, I reflect on how I was able to apply my Wellesley economics education to a project on commercial bankruptcies, a topic of which I had almost zero previous background knowledge. I will also speak about my personal struggles with “imposter syndrome” as the only intern from a small liberal-arts women’s college in my department, as well as the lessons I’ve learned through overcoming these insecurities. Finally, I will share how my experiences this summer guided my decision to continue on an academic route of economics, while highlighting the need for increased female representation in this traditionally male-dominated field.
**Culture and the Arts**

**A Foot in the Door: Exploring the Museum Field at the Davis (Panel)**

SCI 104

*Isabelle Raposo ’19, Classics and English; Kate Davies ’19, Art History and English; Melina Mardueño ’18, Art History and Art Studio*

**Advisor:** Meredith Fluke, Davis Museum and Cultural Center

The Davis Summer Internship Program exposes Wellesley students to a variety of museum fields such as education, marketing and administration, collections management, and curation. Davis interns are in charge of their own projects, each contributing to the Davis in a tangible way. For example, Melina Mardueño researched works for the fall 2017 exhibition Martin Luther: Protest in Print, and the entire group created a virtual tour on the Davis’ app. Working at this professional level allows interns to determine if the museum field might be for them. Even if they go on to careers outside museums, during the internship program they build research, presentation, collaboration, and communication skills. Each intern gains an understanding of what working in museums entails, and why museums matter. For those interested in applying to this program or one at another museum, this panel offers a glimpse into an unusual and outstanding program.

**The Practice and Practicalities of the Art World**

SCI 277

**How to Become a (Paid) Online Film Critic**

*Ciara Wardlow ’19, Biological Sciences and Cinema and Media Studies*

**Advisor:** Maurizio Viano, Cinema and Media Studies

Last December I started an online, unpaid internship for the film news website Film School Rejects (FSR). Now I am a paid weekly columnist at FSR and contributor at The Hollywood Reporter’s Heat Vision blog. In the process, I have learned a lot about the importance of social media, especially Twitter, developing a niche as a writer, and the sort of opportunities being a film critic provides and how to take advantage of them. None of this would have been possible if I had not started by taking advantage of opportunities here at Wellesley, especially The Wellesley News, of which I am the arts section editor. I hope to provide individuals interested in pursuing a similar path with lessons I had to learn through considerable trial and error, and for everybody else I hope to present an informative and engaging picture of how the world of online film criticism works.

**Physical Presence in Performance: Blending Japanese and American Philosophies of Theater**

*Megan Ruppel ’20, Undeclared*

**Advisor:** Marta Rainer, Theatre Studies

In June I trained with a Seattle theater company called Pacific Performance Project/East. Led by artists Robyn Hunt and Steve Pearson, we studied the groundbreaking theater techniques of 20th century Japanese innovators Tadashi Suzuki and Shogo Ohta. The powerful and precise Suzuki method counterbalances the slow-tempo work of Shogo Ohta. Slow-tempo theater is heightened, delicate, and silent; it allows for simple revelation. Integrating these forms with Western acting methods encourages connections, curiosity, and contemplation. Since studying with P3/
Empowerment of Youth, Women, and Families
Is It Working? Assessment as a Tool for Social Change
SCI 270

Not Just a White Woman’s Disease: Eating Disorders in Black and Latina Women
Alexa Riobueno-Naylor ’18, Psychology and Sociology
ADVISOR: Markella Rutherford, Sociology
Marginalized populations continue to be misunderstood and ignored within institutions of medicine and psychology, negatively impacting their willingness to utilize mental health treatment services. Researchers and activists have begun to uncover some of the difficult truths behind why marginalized populations, such as women of color, do not receive proper treatment for the deadliest mental illness—eating disorders. However, many questions still go unanswered, including: Why is there such a discrepancy between the prevalence of eating disorders among women of color and the number of women of color who receive eating disorder treatment? How is the experience of an eating disorder tied to racial or ethnic identity? How can clinicians specializing in treating eating disorders better serve women of color? My research uses stories by women of color about their experiences with eating disorders along with perspectives from clinicians who work with individuals with eating disorders to help answer these questions.

The Grass Is Always Greener on the Other Side
Cecilia Barreto ’20, Undeclared
ADVISOR: Layli Maparyan, Wellesley Centers for Women
During a summer internship with the Center for Research and Training in Gender and Family (CIGEF) at the Universidade de Cabo Verde, supported by the Anchor Point Fellows Program and the Wellesley Centers for Women, I conducted research on Cabo Verdean families. My first project was to complete an annotated bibliography of research on Cabo Verdean families, particularly immigrant families, for an online database that CIGEF produced. My second project was to interview women who had immigrated to Cabo Verde about shifts in their family relationships and gender roles. An aspect of my internship was the opportunity to contribute English-Portuguese translation skills to serve social science research in a Portuguese-speaking country.

One Summer Isn’t Enough: 10 Reasons Why
Thalia Ramirez ’18, Neuroscience
ADVISOR: Koichi Hagimoto, Spanish
This summer as a senior counselor for the Mission Hill summer program, I had the privilege of working with 10 first-grade students from the greater Boston area. Over the course of seven weeks I came to realize one the most important values of urban youth programming: its ability to offer children of color, even at a young age, the opportunity to develop a sense of identity, appreciation for their community, and ownership over their voice and intellectual interests. I worked with a team to develop curricula that challenged students academically to combat summer learning loss, while simultaneously drawing upon aspects of social justice and social-emotional development. In sharing my experience, I will highlight some examples of lesson plans that are politically and socially relevant to our time and whose purpose is to guide students towards recognizing their own value and potential, no matter their background or skin color.

Social Science Research on the Efficacy of a Non-Profit’s Workforce Development Program
Ninan Pollack ’20, Undeclared
ADVISOR: Nadya Hajj, Political Science
This summer, I interned at ManifestWorks, a nonprofit organization in Los Angeles that trains individuals who have been impacted by incarceration, homelessness, and foster care to work in Hollywood’s production industry. As a research fellow at ManifestWorks, I utilized the techniques I learned at Wellesley in my “Introduction to Research Methods in Political Science Class” to interview graduates of ManifestWorks’ workforce development program and produce a 40-page report on my findings. The report will be used by ManifestWorks moving forward to quantify the efficacy of the program and track the progress of program graduates. Working at ManifestWorks was an incredible opportunity that allowed me to build personal relationships with past program participants and gain hands-on social science research experience. With my presentation, I hope to share the results of my research, give insight into the operations of a nonprofit, and share my experience transforming classroom learning into real-world action.

The Citizen and the System
SCI 380
Stopping Scams and Solving Disputes with the Vermont Attorney General’s Office
Annalee Beaudieu ’18, Political Science and Spanish
ADVISOR: Nancy Scherer, Political Science
This summer I interned with the Vermont Attorney General’s Office Consumer Assistance Program. I counseled constituents about protecting their families from identity theft or financial loss as a result of fraud, and served as a mediator for consumer-business disputes. As a fifth-generation Vermonter, being able to provide this kind of public service was gratifying personally and professionally. This experience strengthened my conviction that I am attending Wellesley College and working not just in furtherance of my academic and professional ambitions, but also to learn skills that I can take back to and leverage for the benefit of my community after graduation. Those who attend my presentation will learn about current consumer protection laws and issues and gain an understanding of how common scams prey on the public. I hope to share my positive and negative experiences working in public service
to illustrate the importance of participating in local government.

Members Only: Gatekeeping Access to Welfare in Mexico’s Political Battleground
Siena Harlin ’18, Anthropology
Advisor: Susan Ellison, Anthropology

This summer I joined the MIT Governance Lab in Yucatán, Mexico, to research clientelistic practices in local government. In most of poor or rural Mexico, citizens must often go to an informal, partisan broker if they wish to access government services and social programs. By controlling the distribution of these goods, brokers cultivate political support and ensure the electoral success of the political party they support. In doing so, the poorest and least politically connected families can become dependent on brokers for their well-being. In the theme of my Albright Institute research project on government accountability, my team and I sought to understand the ways in which these clientelistic relationships shape government performance and transparency efforts. In my presentation, I will speak about our methodology, the preliminary findings, and my experience as a first-time field researcher.

A Renewed Sense of Hope: Enforcing Civil Rights Law in Massachusetts
Alezeb Rauf ’18, International Relations–Political Science
Advisor: Rosanna Hertz, Women’s and Gender Studies, Class of 1919-50th Reunion Professorship

This past summer, I interned with the civil rights division of the Massachusetts Attorney General’s office, where I worked to enforce the state level discrimination laws. I left the school year feeling particularly at a loss of how to make an impact in the current federal political climate. However, I gained confidence in the ability of a single person to impact the lives of many through state-level politics. Through my internship, I vetted complaints from constituents for validity and for the office’s ability to act. My talk will focus on the laws I helped enforce and the cases I helped mediate: landlord discrimination against tenants, gender inequality in work places, enforcing transgender rights laws in schools, and instances of hate crimes. I left the summer with a renewed sense of hope in our legal system, and with the knowledge that there exist recourses available to the most vulnerable people.

Who’s Trying to Abolish Prison?
Natalia Marques ’19, Political Science
Advisor: Laura Grattan, Political Science

I interned at Legal Services for Prisoners with Children. LSPC pursues racial and economic justice for people directly impacted by incarceration by fighting for reforms that ultimately seek to abolish prisons. Through my internship, I learned about how abolitionists in California are promoting their idealistic vision through small but tangible achievements. I met activists campaigning for bail reform in Sacramento, protesting police militarization in Berkeley, fighting jail expansion in Oakland, and denouncing ICE involvement in Hayward. I also gained a better understanding of how such initiatives are rooted in a long history of anti-prison and anti-policing organizing in California and the US. Through these encounters, I developed new skills to work with incarcerated people, people living outside prisons, and government institutions to organize for an end to mass incarceration in the US. My presentation will shed light on prison abolition, an exciting but controversial way of responding to mass incarceration in this country, and introduce students to ways in which activists are trying to make this vision come to life.

Health and Medicine Beyond Borders

Body Parts in Medicine: Skin, Bones, and More
SCI E111

Setting Sights on the Future
Nicole Anderson ’18, Psychology
Advisor: Sheryl Rosenberg, Career Education

Throughout my internship at the Low Vision Center I was amazed by how huge of a difference this small organization could make in a person’s life. The Low Vision Center works with people who have low vision as a result of an impairment that cannot be fixed, such as a low vision disease, like glaucoma, or as the result of a neurological issue. Working with clients at the Low Vision Center means walking through every resource available to find out the best action for that client. Through this presentation I hope to demonstrate how impactful this experience was for me by explaining easy ways to make things more visually accessible and helping others understand how difficult it is for those with disabilities to find out all of the options available to them, particularly since doctors often don’t have time for this.

Technological Advancements as Acts of Service: Envisioning the Future of Biomedical Engineering
Margaret (Meg) Babikian ’18, Economics
Advisor: Donald Elmore, Chemistry

Over the past summer I worked at the Center for Advanced Orthopedic Studies at Beth Israel Deaconess Medical Center of Harvard Medical School. In my time there, I worked on a range of projects, including helping to build a computer model of the fracture healing process, and assessing whether or not a pre-operative informational course was successful in managing the expectations of individuals receiving total joint replacement. In my Tanner presentation, I hope to discuss how new medical technologies are developed, how they reach the public, and ways in which I think individuals with a liberal arts background can better serve at the frontiers
of engineering. Drawing on my premedical/economic background and my experiences in scientific research, I hope to beg the bioethical question, “Who gets to envision the future of engineering and medicine?”

From Person to Person: Engineering the Path of Tissue Donation
Talia Tandler ’18, Biological Sciences and Biomechanical Engineering
Advisor: Louise Darling, Biological Sciences, Knafel Assistant Professor of Natural Sciences

This summer, I was an engineering intern at AlloSource, a nonprofit tissue bank that processes the skin, ligaments, and bones of recently deceased organ and tissue donors. I had the opportunity to participate in research and design work, help make business decisions in a field tightly regulated by the Food and Drug Administration (FDA), and come to understand the global impact of tissue donation; one donor can go on to help 200 people. In addition to utilizing my technical biology and engineering skills, I gained an understanding of the business side of healthcare, something I did not have previous exposure to, but am now interested in pursuing in my future career. During my talk, I will describe my individual role as an engineering intern, discuss the projects I worked on and what I learned from them, and explain what AlloSource does and the importance of tissue donation.

Global Public Health: Much More than the Doctor’s Responsibility (Panel)
SCI 396
Zoe Matticks ’18, Neuroscience; Alexandra Beem ’18, Biological Sciences; Aida Abou-Zamzam ’19, Cognitive and Linguistic Sciences; Hema Venkata ’19, Biological Sciences; Caroline George ’19, Environmental Studies and Music
Advisor: Rocio-Maria Tisdell, Career Education

This summer, we all worked with health nonprofits in south and southeast Asia through career education’s Global Citizenship Program. In Hanoi, Zoe and Alexandra worked with Health Advancement in Vietnam (HAIVN), an organization that coordinates internationally funded projects to support hospitals, outpatient clinics, and public medical schools in Vietnam. With Operation ASHA offices in Cambodia and India, Aida, Hema, and Caroline worked with the nonprofit to combine community intervention and technological innovation to combat tuberculosis. We each navigated the importance of global accessibility to healthcare and the strength of public health in a region outside of direct clinical service; improving healthcare outcomes requires longer-term reforms in education and economies. Although we worked at different organizations, our internships all revolved around implementing systemic change to improve the health of the community. Having spent the summer observing healthcare through a broadened lens, we are excited to bring this perspective to our individual pursuits at Wellesley.

Identity, Community, and Global Citizenship
Innovative Activism
SCI 261
Integration Between Formal and Informal Settlements in Rio de Janeiro
Maria-Alejandra Jaramillo DS, History
Advisor: Ryan Quintana, History

This summer I had the opportunity to work with Catalytic Communities—an NGO in Rio de Janeiro, Brazil. This particular organization focuses its endeavors on effective integration between the city’s formal and informal settlements. The internship gave me an opportunity to see and understand the many challenges that these vulnerable communities face, and how many community leaders are able to overcome them. Moreover, my experience highlighted that in order to become an ally and truly help a community, one needs to acknowledge that each community is unique and strategy needs to be structured around their specific needs. Ongoing analysis and adaptation are methods that can be applied to any form of activism, whether in Brazil or in the US, and is something I plan to incorporate into my activism on behalf of the Latinx community during and after my time at Wellesley College.

Traveling Abroad: Developing Mutually Beneficial Community Engagement
Alondra Navarro ’18, Sociology
Advisor: Rebecca Gordan, Albright Institute for Global Affairs

Thanks to the Albright Institute, I was able to spend my summer interning with Volunteers Peru, a small NGO that focuses on facilitating international volunteerism. This experience, coupled with my spring semester in Brazil, opened my eyes to the very real possibility of working abroad in the nonprofit sector—something that I likely never would have considered prior. As a result of my time with Volunteers Peru, I learned more about the importance of ethical cultural engagement, as it pertains to international volunteerism. Through this presentation, I hope to share with Wellesley students, who may be considering international travel, the importance of ethically partaking in cultural exchanges. This presentation focuses on tactics that students can use to engage with their host communities in order to develop mutually beneficial relationships and learning opportunities.

Self-Reflection, a Catalyst for Change
Monica Naranjo DS, Peace and Justice Studies and Psychology
Advisor: Irene Mata, Women’s and Gender Studies, Barbara Morris Caspersen Associate Professor of Humanities

Most tourists associate Costa Rica with nature and biodiversity—both remarkable features that attract thousands every year. By interning at the United Nations Development Programme (UNDP), however, I was able to appreciate the beauty of the country while getting a better understanding of its social challenges and
advances. After spending two and a half months in Costa Rica, I have come to see it more as an opportunity for self-reflection. The many US businesses in San Jose, the influx of immigrants from other Latin American countries, and the public discourses about gender equality made me reflect on my own life, from growing up in Colombia as a child to living as an adult in the US. Interning at the UNDP helped me realize the value of my education at Wellesley and helped me see that only by understanding our own oppression (or privilege) are we able to identify, seek, and work towards change.

**Fighting the Mafia by Working Their Land**
*Silvia Pera ’18, Political Science*

Advisor: *Daniela Bartalesi-Graf, Italian Studies*

Libera is an organization engaged in anti-mafia research and prevention. Each summer they host summer camps for people interested in learning more about the mafia’s role in Italy’s economy and social fabric and I, through the Global Citizenships internship program, could attend four different camps and learn about the reality of living in heavily mafia-concentrated areas. The Italian government has the right to confiscate lands from the mafia but then that land cannot be used for profit. Therefore, it is generally either given to the state or given to a nonprofit cooperative that can use the land for their own activities. The cooperatives must also propose social welfare and education activities and Libera often steps in to help organize those. The camps I attended were thus, held on confiscated lands and featured testimonies and discussions from people directly affected by the mafia.

**Navigating Space and Culture**
*SCI 392*

**A Year Abroad: Perspectives on London, the LSE, and Economics**
*Kathleena Incacho ’18, Economics and Mathematics*

Advisor: *Ann Velenchik, Writing Program*

I spent my junior year abroad in London, and had one of the most rewarding experiences of my life. Many students are hesitant to go abroad, afraid of the unexpected challenges they may face and wary of the comforts at Wellesley they will leave behind. While the anxieties are well founded, I encourage my peers to seek a world that is so much more than what can be found within the secure binding of a textbook. I learned how to live in a new city, adjust to a different academic system, and enjoy finding myself alone, making friends, and experiencing a new cultural dynamic. At the London School of Economics and Political Science, I immersed myself in the social sciences, learning about European economic policy, welfare theory, and finance. The experience inspired me to continue my studies in these subjects with a specific focus on macroeconomic policy and investment.

**Studying and Interning in Japan: From Tokyo to Mt. Fuji**
*Nadine Franklin ’18, Art Studio; Sabrina Ruiz ’18, International Relations–Political Science*

Advisor: *Kristiana Graves, International Studies*

Want to know what it’s like to study abroad in one of the largest cities in the world? Interested in Japanese culture but never been to Japan? We will discuss our experiences studying abroad at International Christian University (ICU) in Tokyo, and our summer internships afterwards. Studying abroad is an experience that anyone who’s returned from will recommend, but worries many who have yet to leave campus. We will be laying out the pros and cons based on our specific experiences, along with anecdotes to give a realistic view of what it’s like to study abroad in Japan. Additionally, we will be discussing our two internships, one in the countryside of Yamanashi and the other in the center of Tokyo, and how these opportunities related to our time studying at ICU. Overall, we hope to provide a comprehensive look at some of the opportunities available for those who want to study or intern in Japan.

**Learning Russian as an International Student: Is Knowing Language a Privilege?**
*Seo Jung Kim ’19, Political Science and Russian Area Studies*

Advisor: *Alla Epsteyn, Russian*

I spent eight weeks of this summer in Russian Language School in Middlebury College. The purpose of the program is learning and improving students’ Russian by living in an intense environment, which forces students to use Russian not only in class but also in daily life. This challenging program provided an opportunity to think about the process of learning languages. My reflection on language-learning experience extended to my experience in Wellesley College as an international student. I will discuss my experience of learning languages and address difficulties that I faced from it. I will also address how knowing languages can be a big privilege and how that privilege affected me. I hope my journey of learning languages conveys to students the power of knowing languages and provides a chance to reflect on their own experiences.

**Navigating Japan’s Past and Present: Ten Weeks Living and Working in Tokyo**
*Si Ru (Cissy) Hao ’19, Art History*

Advisor: *Heping Liu, Art*

Most people who have visited Japan marvel about its pristinely clean streets, its convenience store on every single block, and the great customer service. Underneath that, there are difficult social and economic issues that Japan faces—from depopulation in rural areas to a lack of inflation. This summer, I interned at Rogers Investment Advisor, an alternative investment company based in Tokyo. Not only did I gain a better understanding of Asian economies and the global hedge fund industry, I was also able to explore a country with very rich culture and history. Projects I worked on include modelling performances of investment portfolios, conducting due diligence on global real estate funds, and producing reports on China’s Green Bond Market. In this presentation, I will share my
experiences of working in a small buy-side firm in Asia, and how I learned about the intricacies of Japanese culture through living there.

**Reporting the News, Experiencing the Culture**

SCI 278

**A Summer in China: Perspectives from Its Cosmopolitan Cities**

Sabrina Leung ’18, International Relations–Political Science
Advisor: Brenna Greer, History, Knafel Assistant Professor of Social Sciences

What’s the Next Silicon Valley? What is Hong Kong’s role in China’s “Greater Bay Area” plan? This summer, as an Albright fellow, I immersed myself in Hong Kong politics at Savantas Policy Institute, a think tank focused on transforming Hong Kong into a knowledge-based economy. I worked as a policy intern conducting research on Hong Kong’s potential role and opportunities in China’s Greater Bay Area development plan, China’s ambitious plan to transform the Pearl River Delta region into a world-class cluster for technology and business. Through meetings at the Legislative Council of Hong Kong, business tours, and seminars, I discovered that China’s Greater Bay Area has become a project of regional and international significance. I gained a unique in-depth perspective on Hong Kong politics, and the city’s role as the bridge between “the East and West” in trade, finance, and technological development. With China’s growing role on the international stage, I hope to share the insight I’ve gained about current Hong Kong–China relations and China’s unprecedented speed of development.

**A View of Modern Beijing: Working at a Lifestyle Magazine**

Jennifer Mou ’18, Economics and Psychology
Advisor: Brenna Greer, History, Knafel Assistant Professor of Social Sciences

This summer, through the support of Wellesley’s Albright Institute, I interned at City Weekend, an English-language lifestyle magazine marketed towards expats that operates in several major Chinese cities. During my time at City Weekend Beijing, I worked as an editorial intern—I pitched article ideas, wrote reviews of and took photos at venues and events, and also had a chance to set up and conduct interviews. The articles that I wrote were published and distributed through City Weekend Beijing’s website and printed magazine, and through WeChat. With my tasks, I not only got more practice at a different style of writing but also had many opportunities to attend events and visit places that I would not have if I were to visit China on my own, like the many press-only preview events. Through my internship, I gained a great introduction to the journalism and communications industry and an in-depth perspective on modern China.

**Navigating the Changing World through Foreign Reporting**

Anna Hunter ’19, East Asian Studies
Advisor: William Joseph, Political Science

At a time when there are so many momentous things happening in the world, I worked at ABC News’ Beijing bureau through the Elisabeth Luce Moore ’27 internship program. As an East Asian studies major, I was curious about what and how American news networks choose to report on events happening in other countries. While working there, I also witnessed the realities of life for expats working in news abroad, sometimes far from their families and with a language barrier. I experienced the multitasking nature of team members needing to pitch in at a moment’s notice on reporting, researching, filming, editing, and logistics. ABC’s Beijing bureau covers an area ranging from India to east Asia to all of southeast Asia, especially focusing on China and North Korea as global developments unfold. This vast area covered by a single small bureau severely limits the amount of coverage possible, giving preference to adventurous or major news events.

**At the Corner of Wellesley and Mainstream Media: Diversity in Broadcast Journalism**

Rachel Pak ’18, English and Media Arts and Sciences; Anjali Sundaram ’18, French
Advisor: Winifred Wood, Writing Program

Journalism has taken center stage over the past nine months in American society; we have seen strong reporting in print, radio, and television, the particular medium that we will discuss. The two of us spent our summer at CNBC, one of the leading business news networks in the world. There we got firsthand experience in pitching, shaping, and presenting narratives formed in a dynamic newsroom, one that moves as fast as the markets. We want to share with the Wellesley community exactly what happens when editorial decisions are made, how breaking news is dealt with, and our experience in the mainstream media. We also want to use this opportunity to encourage more Wellesley students to explore or pursue careers in journalism; now more than ever, we need diverse newsrooms across the country, something that NBC as a whole and CNBC in particular make a priority.

**Bullet Trains, not Tap Water: Comparing Chinese and Western Technological Advancement**

Olivia Lewis ’20, Undeclared
Advisor: Qiuyan Tang, East Asian Languages and Cultures

As a first-time visitor to mainland China this summer, my nine weeks of living and working in Shanghai and exploring Hong Kong and other Chinese cities illuminated the country’s unique development path. Since the Cultural Revolution, major Chinese cities have leapt to catch up with other nations through extensive transportation networks and digital/social media. China has even outpaced the US technologically in mobile pay and high-speed delivery services. While observing these changes in my daily life, I interned with Mindspan Development, a Chinese executive coaching company, and also learned how Chinese professionals borrow and adapt Western business techniques. My time in China reaffirmed my
fascination with its complex culture, history, and language, which I intend to continue exploring academically. I am excited to share my experience and address the social and cultural similarities and differences in Chinese and Western technological advancement.

Technology, Innovation, and Education

Signs of Life Under the Microscope
SCI 364

Optimization of Techniques Allowing Gene Identification in Tissue
Georgia Marquez-Grap ’20, Undeclared
Advisor: Jaclyn Matthes, Biological Sciences

This summer, I participated in a National Science Foundation funded Research Experience for Undergraduates (REU) at Northeastern University’s biology department. I interned in two different labs—the Monaghan lab exploring the cellular and molecular basis of limb regeneration in the Mexican axolotl, and the Crane lab investigating metabolic activity in the skin aging process. My individual research combined concepts from both labs, as I helped optimize a technique used in the Monaghan lab, HCR FISH, that allows identification of genes in situ, in order to identify aging markers in the Crane lab. This experience was invaluable because it gave me a better understanding of limb and skin regeneration, and fueled my interest in regenerative medicine and its applications to dermatology. During this presentation, I hope my audience learns about the importance of assay optimization, and the promise of HCR FISH in many types of biological research.

Sugars in Space: Formation of Sugar Derivatives in Astrophysical Ice Analogues
Christina Buffo ’19, Chemical Physics
Advisor: Christopher Arumainayagam, Chemistry

At NASA Ames Research Center to address questions regarding how organic matter forms in space, with an emphasis on compounds necessary to life as we know it. I built on my prior knowledge of chemistry to focus on the formation of sugar and sugar derivatives starting from reactants as simple as water, carbon dioxide, and methanol. By looking at conditions necessary for compounds essential to life to form, we hope to gain insight into our own solar system’s past as well as to improve our understanding of life’s origins. Working with a collaborative group of scientists this summer inspired me to continue research as a career, and taught me the value of cooperative exploration.

Let’s Talk About It: The Neural Mechanisms Behind Autism and Social Interaction
Ruth Vorder Bruegge ’18, Neuroscience
Advisor: Leif Gibb, Graybiel Lab, McGovern Institute for Brain Research, MIT

Striosomes are small microzones within our brain’s striatum, and although we know they are involved in many mood, reward, and behavior pathways, their contribution and role in various limbic and limbic-frontal pathways is unclear. An association between limbic pathways and autism spectrum disorder (ASD) exists, so it is beneficial to investigate a possible implication of striosomes in ASD. Over the summer, I used a three-chambered social interaction paradigm to test social interactions, comparing ASD-model mice with their wild-type littermates, followed by calcium imaging and optogenetics to explore the involvement of striosomes. I was also able to use the “birthdating” line of mice I helped develop over the past year to selectively target striosomes during these tasks. Through this work, I’ve gained insight into the neural basis of neuropsychiatric disorders, like ASD, and am more aware of how I interact with others, especially at Wellesley.

Inside the Canine Mind: Do Dogs Understand Our Intentions?
Chloe Nosan ’20, Undeclared
Advisor: Jeremy Wilmer, Psychology

At some point, every dog owner wonders what their furry companion is thinking. But do you ever wonder if your dog can think about your own beliefs and intentions? This is the question I investigated as a research intern at the Canine Cognition Center at Yale University this summer. We set out to determine if domestic dogs have the capacity to differentiate between human intentions—thus displaying a precursor to a theory of mind previously shown only in chimpanzees and nine-month-old infants. In addition to brainstorming for and carrying out this study, this internship provided me with countless resources for professional development. Throughout the nine weeks I spent at the lab, I gained an invaluable insight into the world of research, specifically cognitive ethology research, helping to inform my future decisions as I navigate the possibility of a career in cognitive science.

From Clusters to Spheres
Samantha (Sam) Hoang ’19, Physics
Advisor: Jerome Fung, Physics

This summer, I did computational physics research within the Wellesley College Science Center summer research program. The goal of my research was to perform numerical simulations in Python to validate a recently reported experimental technique for characterizing colloidal fractal aggregates using digital holographic microscopy and an effective sphere model. This summer experience allowed me to connect many fundamental physics concepts to current research and to find an appreciation for computational simulation in science. I would like to share my experiences this summer to show others how physical approximations can be a powerful tool for describing complex systems in a timely manner. Because of this first-time research experience, my goals to pursue more research opportunities and graduate studies in applied physics were solidified.

S E S S I O N I I  T H E  T A N N E R  C O N F E R E N C E  3 1
How Technology Is Changing the Face of Science
SCI 274

From Social Justice to Psychometrics: Developing Scientific Tools to Diversify Neuropsychiatric Research
Jasmine Kadathodiil '18, Neuroscience
Advisor: Jeremy Wilmer, Psychology

The core goals of the Brain and Cognitive Health Technology Lab are to develop and validate methods for assessing cognitive and psychological functions to understand how brain activity translates to mental and physical health. Using the platform of TestMyBrain.org, our development is driven by citizen science, comprised of approximately a thousand people per day. We translate traditional cognitive assessment tools from neuroscience, neuropsychiatry, and neuropsychology to web platforms and mobile devices, allowing for greater population diversity, leading to greater accessibility. Accessible technology allows for establishing a naturalistic setting for data collection, and also allows for more inclusive research on populations that are vastly understudied. Scientific and medical research has historically discriminated against marginalized groups, whether it be the result of race, ethnicity, or socioeconomic standing. In the age of rapidly growing digital technology, it is imperative to use and improve tools available to promote more accessible and translational science.

The Future of Medicine Is in Biomedical Electrochemical Sensing Devices
Zeynep Metin (Zizi) Yozgyur ’19, Biological Sciences
Advisor: Kimberly O’Donnell, Biological Sciences

This past summer, at the electrochemical company Giner, Inc. in Newton, Mass., I had the opportunity to work on the optimization of biomedical devices that will be used in clinics for detection of tumor DNA in bloodstream and proteins indicative of autoimmune diseases in saliva. I gained both invaluable hands-on lab skills and training in the preparation of high-level reports for meetings with NIH representatives. This experience made me realize that the future of medicine is being decided in the laboratory. I felt very comfortable in the research and development setting, putting in use two skills that Wellesley taught me in my science classes—critical thinking and problem-solving. My summer experience exposed me to the concept of technology in medicine. Medicine moves with the demands of both patients and physicians—it is becoming possible to detect diseases in a faster, cheaper, and much more convenient manner.

A New Age of Targeted Therapy: Antibody Drug Conjugates
Michelle Li ’19, Biochemistry and Economics
Advisor: Louise Darling, Biological Sciences, Knafel Assistant Professor of Natural Sciences

Over the summer, I was able to work at Regeneron Pharmaceuticals, a biotechnology company, in the therapeutic proteins department focusing on the synthesis of antibody drug conjugations (ADCs). These ADCs enable a targeted and efficacious approach to treat anything from cancer to heart disease. At Regeneron, I was exposed to both the pharmaceutical industry and the research-intensive science behind this pivotal biological therapeutic. I hope to leverage my research experience in the biotech/pharma world into the business world by giving a more focused look into the sciences. Although my summer experience made me realize that research was not a good fit, I gained invaluable insight into how the biotechnology industry functions and thrives.

Sleeping Sickness Research: Connections Between Lab Work and the World
Hannah Mummey ’20, Undeclared
Advisor: Melissa Beers, Biological Sciences

Sleeping sickness is a dangerous tropical disease affecting humans and cattle in sub-Saharan Africa. The disease is caused by the parasite Trypanosoma brucei and is one of the most ignored tropical diseases in the world. It is often fatal if untreated, however most diagnostic and treatment methods are outdated and not widely distributed. This summer I joined a biochemistry lab at Clemson University and created a method to count lipid droplets, cellular structures involved in fat storage. This work can be used in future experiments to identify new drug targets. Although my project was a very early step in the lab’s work, it taught me a lot about the role of academic research in the drug development process. Perspectives from classes at Wellesley also led me to become interested in learning about alternate forms of disease control, like vector control and public education, and their interplay with research-based measures.

A Liberal Arts Experience in an Industrial Medicinal Chemistry Internship
Karley Bussow ’18, Chemistry
Advisor: James Moyer, Chemistry

What goes into designing a drug, synthesizing it, and delivering it to the patient? Lots of talented scientists, creative thinkers, and time, as I learned during my industrial internship at Genentech Inc. I learned the secrets of the pharmaceutical industry while researching in the small molecule drug discovery division of the discovery chemistry department. I also learned that chemistry in the classroom and chemistry applied in the real world are vastly different. I gained an appreciation for a liberal arts education in STEM fields. My diverse portfolio of coursework helped me tackle problems with a creative approach and analyze my research from different perspectives. My education at an all-women’s college gave me the confidence to stand up and speak out as a female intern in a male-dominated field. My internship was a valuable experience in learning how to connect my experiences at Wellesley with my passion for chemistry.
Everywhere Is Classroom
SCI 256

2.5 Million and Counting: Meeting the Needs of Syrian Refugees in Turkey
Julide Iye '18, Middle Eastern Studies and Psychology
Advisor: S. Joanne Murray, Albright Institute for Global Affairs

Working at the Association for Solidarity with Asylum Seekers and Migrants in Istanbul, Turkey, which is supported by a United Nations Population Fund grant, exposed me to the realities of Syrian refugees living and adapting after migration. Many families have been living in Turkey for four to five years but still face issues with integration. I witnessed the collaboration of the national government, nonprofits, and international organizations like the United Nations in delivering support to refugees. In my own classroom, I created a curriculum incorporating English and Turkish language skills with interactive activities. I faced language barriers, cultural differences, and an atypical work environment. In my presentation I will challenge the way we think about refugees and the refugee crisis, and discuss the challenges of working in a nonprofit abroad and my experience working with refugee children.

Who Are the Students of Kuwait?
Selma Khalil '18, Neuroscience and Philosophy
Advisor: Rebecca Gordan, Albright Institute for Global Affairs

This past summer, I interned in Kuwait, at an organization called Nuqat Ala Al Huroof. They are a grassroots organization focused on advocating for the development of a creative economy and creative education, and they present art as a subtle, but crucial, addition to Kuwaiti society. Working on an independent project in a particular place, I developed a policy proposal (now under consideration for implementation) advocating for transdisciplinary learning through design in higher education. To develop the proposal, I had to perform a lot of interviews in a lot of different locations on a topic I was (at first) nowhere near an expert on. In order to become expert on this topic, I had to push myself beyond my comfort zone to network constantly with established experts and move past rejection, which was an incredible learning experience.

Dinosaurs, Ice Cores, and the Etruscans: Creating Exhibitions at The Field Museum
Clare Salerno '18, Sociology
Advisor: Sarah Isham, Career Education

The Field Museum in Chicago boasts an impressive collection of specimens, including fossils, meteorites, insects, and anthropological artifacts. Drawing from these collections, the exhibition developers create a story, choose objects, and write everything visitors read and experience in an exhibit. Working with the developers this summer through the American Cities program allowed me to hone research, sociological, and environmental skills and ideas learned at Wellesley. I also worked with the visitor studies team, which provided insight into public perceptions of science, climate change, history, and culture. This experience taught me about the importance of museums as public educators with the ability to both uphold and correct outdated scientific and cultural ideas. Take a trip inside the halls and vaults of The Field Museum to learn about dinosaur hunting, Antarctica, contemporary Lakota doll making, and the role of museums in the 21st century.

Diversity, Inclusion, and Equity at Educational Testing Service (ETS)
Jessica (Jessie) Feng '19, Mathematics
Advisor: Roberta Schotka, Learning and Teaching Center

High-stakes testing serves as a gateway for entry into college, graduate school, and professional employment. The Educational Testing Service (ETS) is a leader in the field with tests such as the GRE and the TOEFL. As assessments move from pencil-and-paper exams to more complex digitally based assessments (DBAs), what measures are testing companies taking to ensure DBAs remain unbiased and fair to students from all backgrounds? How is ETS specifically trying to be diverse, inclusive, and equitable in its mission to “advance quality and equity in education by providing fair and valid assessments, research and related services”? With the introduction of process data, how is ETS using this information to tailor its assessments to all students? Through ETS internship programs aimed at minorities, ETS’s partners, and my own research project on timing data from DBAs, I will explore the ways in which ETS aims to be diverse, inclusive, and equitable.

Chasing Climate Change on the High Seas
SCI E211

Chasing Harmful Algal Blooms: Imaging Flow Cytometry, Pigment Analysis, and Speedboats
Esther Jaffee '19, Biological Sciences
Advisor: Christa Skow, Biological Sciences

I spent the summer working in Mote Marine Laboratory’s phytoplankton ecology program with the intention of ground-truthing the lab’s software for estimating phytoplankton community taxonomic composition through the application of algorithms to pigment measurements obtained through high-performance liquid chromatography. In my time as an intern at Mote, though, I had the opportunity to assist in many different capacities—processing samples on research vessels, collecting longitudinal data on local phytoplankton populations and even discovering a previously undetected Pyrodinium bahamense bloom. Wellesley taught me the value of embracing unexpected elements of an experience—and it was Wellesley’s philosophy of service that first attracted me to research at a nonprofit like Mote Marine Laboratory. I hope that my presentation will be informative about both the logistics of making the most of an internship in an ecology lab and the joy of bringing a passion for science to institutions beyond the Wellesley campus.
Targeting Behavioral Change through Social Science Research to Reduce Single-Use Plastics

Madeline Hughes ’18, History
Advisor: Jeffrey Hughes, Biological Sciences

How many plastic items do you use per day? How many are necessities versus frivolous or simply convenient? This summer I worked on a collaborative project between the NOAA Marine Debris Program and Sea Education Association utilizing social science research to target consumer behavior in order to reduce the amount of single-use plastic being used and inevitably disposed of. I designed and conducted surveys to assess the current use of single-use plastic items in Woods Hole, Mass. My internship was about educating the public about where plastic goes after it has been thrown away. I spread awareness about the reality of how little plastic is actually recycled and how reusable items are more environmentally friendly than anything disposable. The result of my internship was the “Trash Shouldn’t Splash” campaign. Moving forward I hope to channel this experience as I begin a career in public health.

Understanding the Impacts of Data Length When Evaluating Coastal Flood Risk

Alexandra (Alex) Klufas ’18, Mathematics
Advisor: Cassandra Pattanayak, Quantitative Reasoning

This summer, I worked at the office of Sustainable Climate Risk Management (SCRiM) at the Pennsylvania State University. Coastal flooding is a persistent risk to many communities along the east coast of the US. As sea levels rise, assessing future risk of coastal flooding is crucial to determining possible future economic loss. Throughout my summer, I focused on trying to understand how much data is needed in order to run more complex models while still maintaining accuracy. I worked to determine how many years of flood data is needed to estimate the frequency of certain floods in the future. I learned about the impacts of multi-tiered decision making, working as a part of a research group, and the role of statistics and coding in atmospheric research. Most importantly, I had an opportunity to conduct research in a field that I am very passionate about.

Leadership, Research, and Life on the High Seas

Kristina Oney ’18, Biological Sciences; Francesca Korte ’18, Biological Sciences
Advisor: Jennifer Thomas-Starck, International Studies

This past spring, I had the opportunity to study abroad with SEA Semester in New Zealand. Before my semester at sea, I had never sailed or slept on a boat overnight. You could say my nautical experience was slim to none. During the course of a mere six weeks at sea, I not only conducted scientific experiments, but also learned how to set the sails, navigate by the stars, and steer the boat on an ordered course. The combination of living and working on the moving lab was truly an unforgettable experience. The data I collected off the coast of New Zealand gave me insight regarding the effects of ocean acidification, the abundance of single-use plastic debris, and the overall health of the ocean. The experience I had reaffirmed my love for research and enabled me to become a global citizen.

Designing CS: Careers in User Experience Design and Human Computer Interaction (Panel)

SCI 264

Havannah Tran ’19, English and Media Arts and Sciences; Hiya Vazirani ’19, Media Arts and Sciences; Katy Ma ’18, Media Arts and Sciences; Maddie Kim ’18, Media Arts and Sciences; Michelle Gelberger ’18, Media Arts and Sciences; Vivian Zhang ’19, Computer Sciences
Advisor: Orit Shaer, Computer Science, Class of 1966 Associate Professorship

Careers in technology are not limited to technical software engineering roles. With the growing field of human-computer interaction, digital product design and user experience roles are becoming more common and necessary. Wellesley students across campus have participated in these interdisciplinary internships and research opportunities at the MIT Media Lab, Bose, Microsoft, Facebook, and Google.
The Leonie Faroll Focus, Science Library, and second floor catwalk, Science Center

SESSION THREE
1:30-2:40 p.m

Culture and the Arts
The Challenges of Publishing in the 21st Century
SCI 261

No, You’re Not Done Editing
Yona Levin ’18, English and Political Science
Advisor: Susan Meyer, English
This past summer, I worked as an editorial intern at Laura Dail Literary Agency in New York City. I spent my days writing pitch and rejection letters and exploring manuscripts of all genres—it was thrilling to make substantive edits on stories that thousands, if not millions of people will read. I’ve spent my time at Wellesley studying things I love rather than figuring out which classes will lead me to a career, and I wanted to explore the possibility of the publishing industry, which I’d always found inviting. I was well aware of the significance reading holds in my life, and seeing that world from the other side was both moving and educational. In my Tanner presentation, I hope to share the insights into the publishing industry that I gained from my internship and from toolboxes hosted by The Association of Authors’ Representatives.

It Takes a Village: Publishing Books for the 21st Century Child
Olivia Funderburg ’18, English
Advisor: Susan Meyer, English
My internship at HarperCollins Publishers, paired with a grant from the grassroots organization We Need Diverse Books, offered me an opportunity to see the publishing industry from the inside and hone a particular set of reading and writing skills. As an editorial intern, I read and analyzed manuscripts at different stages. I found that crafting stories from an early stage is a challenge almost opposite to analyzing novels in an English classroom. And as an intern working on children’s books, which includes children from ages 0 to 18, I always worked with the child in mind, particularly the child who is often underrepresented, misrepresented, or left out completely in books and other media. This presentation will discuss the publishing process from acquisition to completed book, explore how to balance publishing as a business with an editor’s creative interests, and examine how the children’s literature canon is shifting to better serve all children.

Mapping Your Own Mrs. Dalloway: How Academic Publishing Reimagines the Literary Canon
Samantha English ’19, English
Advisor: Margery Sabin, English, Lorraine C. Wang Chair in English Literature
At what point is it all right to judge a book by its cover? This summer, I interned at W. W. Norton and Company, the oldest independent publishing company in the US, working primarily on Norton’s famous literature anthologies. While honing my copyediting skills and learning about the peculiar nature of textbooks in the publishing world, I handled pieces of literature I studied at Wellesley. Though I worked with texts that are as unchangeable as they are important, I edited their footnotes, made suggestions for their images, and created permissions for the usage of the scholarly essays about them. In this presentation, I hope to discuss how a work of literature is not just shaped by the significance of its text but also by the nature of its book, and how publishers today attempt to make that reading experience ever more unique for their consumers.

The Agent: Connecting Authors and Their Work to the World of Publishing
Natassja Haught ’18, English
Advisor: Susan Meyer, English
An internship with Writers House is a valuable opportunity to learn about the role of a literary agent in the publishing industry. Assisting seasoned agents prepared me for the reality of working as an agent and taught me about the complex relationships within publishing. As a recipient of the We Need Diverse Books grant program, my goal was to search and advocate for quality manuscripts by and about people of diverse backgrounds. This presentation will build upon the knowledge members of the Wellesley community have shared about breaking into the publishing industry and the growing movement for diversity in children’s literature.

“Print” Down Your Dreams: Publishing a Translation of Netter’s Atlas of Neuroscience
Anran Li ’18, Neuroscience
Advisor: Michael Wiest, Neuroscience
Being an enthusiastic neuroscience major and a lover of art, I have always tried to find ways to merge the two. This dream became true when I came across Dr. Frank Netter’s Atlas of Neuroscience. With his artist’s hands and a surgeon’s mind, Dr. Netter was able to illustrate a full picture of neuroanatomy and neurophysiology and their clinical implications in front of my eyes. Inspired by Dr. Netter’s aesthetic skills and intellectual insights, I decided to translate this entire book to my mother tongue, not only as a learning experience but also a published work, so that people in China who are also interested in the field of neuroscience can benefit from it as well. The actual procedure turned out to be way tougher than I ever imagined. After many rounds of applications to publishers and a long negotiation with Novartis, the original copyright owner, the translation was finally put on schedule. It took me a whole year to complete this 460-page translation, as I juggled between a heavy workload from Wellesley and other extracurricular activities. From this
self-designed project, I learned how to execute a complicated task by collaborating and seeking help from people with better expertise, while holding on to my own goal and working for it till the very end.

Connecting Audiences to Art
SCI 264

Global Citizenship at the Peggy Guggenheim Collection
Rebecca Winterich-Knox ’18, English
Advisor: Sheryl Rosenberg, Career Education

This summer, I served as an intern at the Peggy Guggenheim Collection in Venice, Italy. As a double English and Italian studies major, I hoped to more deeply enhance both my Italian language skills and my understanding of Italian culture. I did not anticipate, however, the profound opportunity to cultivate and explore my interests in modern art, collection curatorship, and the power of arts-based education. My passions for youth empowerment and education were enhanced by the chance to lead weekly interactive workshops for local Italian children on different features in the museum. These “laboratori” allowed the children to engage with the works of art on a personal level, transforming the pieces from an elite, elevated position to a more colloquial one. In this presentation, I hope to discuss my own experience of this transformation by sharing my perspective on the changing relationship of the artist, curator, and viewer.

An American Library in Paris: Reading the Culture and Politics of a Bicultural Institution
Elizabeth Taft ’18, French
Advisor: Helene Bilis, French

The American Library in Paris is more than a traditional library; it is an international anglophone cultural institution dating back to World War I. In an internship funded by the French department’s Michèle Respaut prize, I had the opportunity to participate in several areas of library work, such as periodical archives, public events, and youth programs. My presentation will examine the library’s influence on the literary culture and expatriate community of the City of Light, serving not only Americans, but anglophone readers from around the world as well as French patrons who speak or study English. I will also outline the challenges the library faces as it strives to offer the services of a traditional American public library on the budget of a nonprofit, without support from either the French or American governments.

Preserving History: Grace Slack McNeil Internship at Historic New England
Grace (Gracey) Hellstrom ’18, Classical Civilization
Advisor: Martha McNama, Art

This summer I worked at Historic New England (HNE) in their archives and off-view collections facility. My time at HNE taught me so much about the tradition of preservation, highlighting both gratitude for those who preserved the objects we have today, and a responsibility to preserve them for the next generation. Working at HNE was an art career in action. I was able to experience the academic side of a museum by helping prepare objects and papers for scholars requesting to use the collection for research. I also learned about how to care for and preserve the kinds of art and objects I’ve studied during my academic career. I hope to present on the work behind the scenes of all great art and museums. Wellesley has a longstanding relationship with HNE and I hope to inspire other Wellesley students to pursue the wonderful opportunity I had this summer.

Landscape Architecture, Urbanization, and Park Rangers: A Summer at the Olmsted Site
Irene Galarmeau ’19, Spanish
Advisor: Martha McNamara, Art

This summer, I interned at the Frederick Law Olmsted National Historic Site in Brookline, Mass., where I researched, wrote, and gave tours of the Olmsted firm’s historic landscape design offices. I learned about a remarkable man and his legacy and also experienced the National Park Service, often described as “America’s Best Idea,” from the inside. As part of the site’s efforts to reach a larger and more diverse group of visitors, I prepared and publicized tours in Spanish and Greek, but saw how difficult (and unpredictable) that can be. Being prepared to give tours without knowing anything about the visitors was a valuable experience, and helped me overcome my usual reservedness. I also worked to understand the challenges of informal education and engaging the general public and experts simultaneously. I am glad I had the opportunity to learn about the fascinating man who transformed the city and urbanization with his works and influence.

Empowerment of Youth, Women, and Families

Confronting Bias, Advancing Inclusion in Our Political System
SCI 256

Helping Victim Advocates Help Survivors of Sexual Assault
Arielle Schoen ’19, Political Science and Women’s and Gender Studies
Advisor: Catia Confortini, Peace Studies

This summer, I interned for Legal Momentum’s National Judicial Education Program (NJEP), a project devoted to educating court professionals on gender bias in the judicial system. I worked to edit and expand upon NJEP’s curriculum, “Helping Sexual Assault Victims Navigate the Criminal Justice System,” and input content into its webpage. My experience taught me about the structure of nonprofits and how that structure can clash with a nonprofit’s mission, about how even nonprofits can be in the wrong, and about the power of even small organizations. I decided to intern at a nonprofit because I knew I wanted to help marginalized individuals meaningfully. Through my experience, I have a better idea of the work I want to do after Wellesley, the population I want to serve, and the ways I can take advice and listen to people who know more than me.
I hope my presentation highlights the value in experience.

Mobilizing Pro Bono Work for Transgender Communities in Atlanta
Emily Johnston ’18, Peace and Justice Studies
Advisor: Catia Confortini, Peace Studies

In this presentation, I will reflect on my time at Atlanta Legal Aid Society assisting the pro bono unit in the construction of their transgender name change project. I will speak to the processes within a pro bono organization to mobilize members of the legal community, pairing with queer grassroots organizations, as well as the state’s construction and enforcement of gender norms.

Voter Suppression in American Elections: A Threat to Democracy from Within
Doris Li ’20, Undeclared
Advisor: Igor Logvinenko, Political Science

One of the most fundamental constitutional rights in the US is the right to vote. It is a crucial element of the democratic process: power to the people! So why do millions of eligible voters not vote in elections at all? While some choose to skip the polls, others are systematically disenfranchised by voter ID laws, polling station shutdowns, and restrictions on registration drives. In the summer of 2017, I interned at the headquarters of the Neighborhood Assistance Corporation of America, a community advocacy organization. My research included compiling voter registration drive guidelines for every state in the US. Throughout the process, I discovered some states were using voter registration laws as barriers to the ballot box. During my presentation, I will discuss what I analyzed this summer regarding voter suppression in the US and why it may have contributed to the results of the 2016 presidential election.

Where Neuroscience and Political Science Meet: Gender, Women, and Democracy
Basma Jaber ’18, International Relations–Political Science and Neuroscience
Advisor: Rebecca Gordan, Albright Institute for Global Affairs

At the National Democratic Institute this summer, I learned a lot about how the natural and social sciences can work together to reach common goals. I developed a guidebook that presents best practices, according to cognitive science research, on achieving social norm change and I will be using this guidebook as a framework to elaborate on the important professional and personal learning and experiences I had this summer. While writing this guidebook, I grappled with questions of what it means to work within a development organization, the role of field teams and headquarters teams in addressing on-the-ground issues, and the fine line between being helpful and being imposing, among many other things. As I was working with the Gender, Women, and Democracy team, my guidebook has a gender-focused lens, and I will be talking about how that has also taught me to navigate difficult conversations surrounding these issues.

Health and Medicine Beyond Borders
The Patient in a Person
SCI 392

Complex Consequences of Chronic Disease
Kanika Gupta ’19, Psychology
Advisor: Sally Theran, Psychology

This summer I completed an internship in India focused on sickle cell anemia under the supervision of the Gupta Lab. Specifically, I learned its high prevalence rates, the drastic consequences that it had on the local communities, and the importance of accurate information about the disease. During my internship, I realized that sickle cell anemia had social consequences as well as physical and emotional consequences. I am majoring in psychology and hope to train in medicine. My experiences in India taught me about the medical field and helped me understand the complex emotions that can accompany chronic illness. As a result, I feel that I am a more empathetic person. I hope that those who attend my presentation will realize how ostracized chronic disease patients can be and that one should consider the psychological ramifications of sickle cell anemia during treatment.

The Effects of Mental Health on Women’s Bodies and Women’s Healthcare Treatment
Catharine Hemp ’18, Psychology
Advisor: Jeremy Wilmer, Psychology

While doing research in the psychiatry department of Brigham and Women’s hospital, I had the opportunity to see how women’s mental health is addressed in a variety of fields. The research team I worked with, Women’s Hormones and Aging Research Program (WHARP) collaborated with oncology psychiatrists to study breast cancer patients receiving endocrine therapy, as well as with drug companies to study the effects of antidepressants on postpartum depression. This research also included studying the physiological and psychological impact of menopause on middle-aged women, an understudied population. The experience of doing research in a clinical setting changed my perception of what research means. At WHARP I came to realize that while the full impact of research results may not be understood until many years later, clinical research also has the potential to make an impact in the present and change the patient care experience.

Behind Bars: Mental Healthcare for NYC’s Incarcerated Patients
Ashley Wang ’20, Undeclared
Advisor: Charlene Galarneau, Women’s and Gender Studies

The US represents 4.4 percent of the world’s population yet houses 22 percent of the world’s incarcerated persons. This past summer, I
interacted under NYC Health and Hospitals: Correctional Health Services, a public healthcare system that provides and advocates for just and accessible healthcare for NYC’s jail population. I worked on a study involving retrospective mental health diagnoses, in which I analyzed data from an electronic medical system at three key points during a patient’s incarceration period to project their mental health trajectory, while assessing influential factors such as the unstable jail environment and variance in healthcare providers. I also visited the infamous “Rikers Island” to observe the reality of my study. This unique summer experience taught me about the nature of mental healthcare in the NYC jail system, dismantled my preconceived notions about jails, and supported my interest in healthcare for minority/marginalized groups.

Hearts Are Forever, Not Just for Valentine’s Day
Charlotte Reed ’19, Spanish
Advisor: Christopher De La Cerda, Career Education

Over the summer, I worked on a research project at Brigham and Women’s Hospital, aiming to prevent cardiovascular disease in women by intervening immediately after complicated pregnancies. Women die from heart disease at far higher rates than men; but, because hypertensive pregnancy hints at future problems, pregnancy is an excellent time for people to change their lifestyle and increase their life expectancy. The clinic I worked at was constantly evolving to provide better care, so my work required flexibility and allowed me to learn a lot about healthcare. My jobs included conducting chart reviews to be analyzed statistically to identify strengths, weaknesses, and progress; developing a social media outreach plan so more people can benefit from the clinic’s resources; and improving my principal investigator’s charts so that she could both be more efficient and be certain to cover the components we deemed essential for the women’s recovery and future health.

A Taste of Medicine: Biomedical Clinical Research Internships in the Greater Boston Area (Panel)
SCI 104

Se Yun (Scarlett) Cheon ’19, Biological Sciences; Prapti Koirala ’19, Biological Sciences; Mayla Thompson ’19, Biochemistry; Sarah Moinudddeen ’19, Biological Sciences; Lumi Kinjo ’19, Chemistry; Cindy Zhou ’20, Undeclared
Advisor: Adam Matthews, Biological Sciences

This past summer, six Wellesley women interned at Harvard Medical School, Massachusetts General Hospital, Boston Children’s Hospital, Brigham and Women’s Hospital, and Tufts Medical Center. Our experiences ranged from clinical research on platelets, rheumatoid arthritis, skin cancer, Shwachman-Diamond syndrome, and Zika virus drug discovery, to shadowing physicians and interviewing patients. Our experiences provided us with exposure to biomedical research, and helped us explore our interests in the medical field. Additionally, we have gained a deeper understanding of both the personal and public health issues currently affecting the Greater Boston population. Finally, we were able to learn about the research process and gain insight into future career prospects. We hope that attendees will learn about current clinical and biomedical research, as well as shadowing opportunities available in the greater Boston area.

Identity, Community, and Global Citizenship

Working Around the Hill or Skirting the Swamp (Panel)
SCI 277

Margaretta Mitchell ’18, Anthropology; Emily Boyk ’18, Political Science and Women’s and Gender Studies; Jessica Shin ’18, Economics and Political Science; Eliza McNair ’18, Computer Science; Raeesa Rane ’18, Undeclared; Emerson Goldstein ’18, American Studies and Political Science
Advisor: Paul MacDonald, Political Science

Despite working and living in a city known for its divisive political climate, our internships focused on areas often left out of the discussion. From positions in the Library of Congress to the DC Superior Court, think tanks, and nonprofit organizations, we found that Washington has a lot more to offer than the traditional internship on Capitol Hill. As members of the Wellesley in Washington Summer 2017 cohort, we found a common theme in our experiences working outside the political sphere. In our presentation, we will share stories about our Wellesley in Washington summer experiences and discuss diverse opportunities open to advocates for change throughout the city.

Chasing Consensus (Panel)
SCI E111

Standing Firm in a Time of Political Uncertainty: Tales from DC
Linda Zhou ’18, East Asian Studies and Political Science; Sarah McBride ’18, Biological Sciences; Sarah Legried ’18, Psychology and Women’s and Gender Studies; Sonia Hupalo DS, Environmental Studies; Sydney Stewart ’18, Peace and Justice Studies
Advisor: Laura Grattan, Political Science

As part of Wellesley in Washington, we worked in DC on hot-button national issues. Whether working to advance reproductive rights or environmental justice or tackling institutionalized racism and global trade concerns, we each stood firm in advocating for our values in the midst of a volatile political climate. This Tanner presentation explores the intersections of these issues through our experiences working and organizing in DC. Through in-office and on-the-ground experiences, we gained valuable perspectives and insights on navigating opposition. In the process, we developed connections with a broader community of activists working on these issues both on and off the Hill. While our organizations reflect...
diverse interests, our mission-driven work taught us the power of passion and persistence.

**Justice and Its Trajectories: Journey through the Deep South (Panel)**
**SCI 278**

**Confronting the Unacceptable: Civil Rights, Justice, and Faith in the American South**
*Emma Brewer-Wallin ’18, Religion and Peace and Justice Studies; Jenny Xie ’18, Physics; Chinenyenwa Amaechi ’20, Undeclared; Andrea Marenco ’20, Undeclared; Christine Rubera ’19, Political Science*

Advisor: Tiffany Steinwert, Dean Religious Life

Confronting the Unacceptable was an alternative spring break trip through Office of Religion and Spiritual Life, Harambee House, and Community Engagement that explored intersections between religion and justice. Through time in Georgia and Alabama, we studied the civil rights movement of the 1950s and ’60s and considered the relationship between the movement of the past and the movement of today, as well as between the American south and the rest of the country and world. We visited museums and landmarks, learned from elders of the movement, and met with religious leaders of many traditions who see the work of justice as part of what it means to be a person of faith. As a group of students diverse in our racial and ethnic identities, religious backgrounds, and national origins, we will reflect on the places we went, the people we met, how we were received, and how this experience has shaped us in the months since.

**The Elephant in the Room**
**SCI 380**

**What Does Grassroots Organizing Look Like in the Trump Era?**
*Karen Su ’19, Political Science*

Advisor: Syedda Ahmed, Career Education

Inspired by the activism born out of the post 2016 election cycle, I joined 270 Strategies, a political grassroots consulting firm. Started by a group of Obama alums, 270 strives to help organizations, companies, and candidates build winning campaigns for the issues that matter to them most. As part of the 270 engagement team, I was introduced to a variety of clients ranging from leading tech firms to big-name advocacy groups. This access allowed me to grasp the importance of grassroots organizing in all spaces, whether it be exclusively within or outside of politics. Through working closely with my team, I developed an understanding of the power of integrating resources from the organizing space into the various sectors that are impacted by politics, policy, and government—to make true and effective change in the face of bigotry that warrants hatred and violence against those who don’t share the same beliefs.

**Social Identities and Conflicting Connotations**
*Katherine (Katie) Madsen ’19, English*

Advisor: Linda Charmaraman, Wellesley Centers for Women Grants

Donald Trump’s 2016 presidential campaign slogan was “Make America Great Again.” As voters interpreted the meaning of this loaded phrase, fissures surrounding its definition quickly formed by political leaning, race, class, and gender. To understand these divisions, we surveyed nearly 2,000 people from 46 states, questioning their interpretation of the slogan and how they thought it embodied Trump’s campaign objectives. We found significant correlations in interpretive themes by race, gender, and political leaning, demonstrating how the ambiguity of the slogan allowed voters to determine their own meaning for it based not only on ideology, but lived experience. These differences in connotation prove vital as presidential campaigns increasingly employ nostalgia for an ill-defined past, with which voters have conflicting associations.

**Connecting with White Rural Communities through Public Health**
*Kelsey Campbell ’18, Latin American Studies*

Advisor: Sarah Isham, Career Education

The Center for Asbestos Related Disease (CARD) is a specialty healthcare clinic delivering comprehensive care, conducting research, and organizing outreach to benefit those exposed to Libby amphibole asbestos in Lincoln County. Libby is in northwest Montana, less than 75 miles south of the Canadian border. In the 2016 election over 70 percent of votes in this county were red. A large part of the clinic is funded through specific legislation in the Affordable Care Act. I was able to compare and contrast my summer at CARD with my past summer at the Dimock Center in Roxbury, Mass. I hope to pursue a master’s in public health post-graduation with the goal to work specifically with Latino populations. I want individuals attending my presentation to understand the barriers to rural healthcare and how the challenges faced are similar, in many ways, to those faced in urban centers.

**An Intern on Capitol Hill: Learning to Listen to America**
*Gabriella (Gabi) Vesey ’18, Political Science and Psychology*

Advisor: Marion Just, Political Science

Whether talking about healthcare, voting rights, or equal pay, it’s no secret that America is home to diverse opinions. During the past summer I had the opportunity to experience this firsthand, as an intern on Capitol Hill for Congresswoman Clark. Listening to people’s concerns and being able to craft thoughtful responses was critical in this role. An introvert by nature, having difficult conversations with strangers does not come naturally. But thanks to my opportunity last summer, I gained self-confidence and learned to be sympathetic to differing viewpoints. During my presentation I will talk about my experiences, share some of the stories I heard, and discuss what I learned about the art of communicating in a political world, and specifically how I managed to have productive conversations with people I didn’t agree with.
Technology, Innovation, and Education

Making Things Better
SCI 270

Drones, Bones, and Artec Studio Pro
Kaylie Cox ’18, Classics
Advisor: Bryan Burns, Classical Studies

For the past three summers I have worked on excavating the ancient city of Eleon in Greece, with the Eastern Boeotia Archaeological Project (EBAP) team. After funding from the friends of the library in 2016, they launched the Digital Eleon project. This funding allowed us to develop a Digital Fabrication Portable Laboratory, which was intended to help create a digital record of the site and its artifacts. I learned to record data using aerial drones, 3D scanners, and software such as Pix4D and Artec Studio Pro. When I returned this past summer, I was put in charge of all of the digital recording and fabrication that happened. My responsibilities included creating 3D models of human bones and ceramic vessels, as well as flying a drone to create daily models of the site. This internship allowed me to merge my academic interests of classics with computer science in unique and innovative ways.

Supporting Drivers in Uncertain Situations: Ambient Light vs. Smileys in the Mirror
Maleah Maxie ’18, Cognitive and Linguistic Sciences and Music
Advisor: Orit Shaer, Computer Science, Class of 1966 Associate Professorship

This project examines the differences in two unique automobile lane change assistance systems—an adaptive ambient light display and a smiley face display. During the international research experience for students program funded by the National Science Foundation focusing on human-computer interaction research in ubiquitous computing, we designed an adaptive ambient light display using an uncertainty model designed in a previous study testing the efficacy of the smiley face display. We conducted an experiment in which participants drove using no system, the ambient light display, and the smiley face display. We measured each participant’s reaction time and lane changing distance, in addition to eye tracker data including visual load and gaze duration. The data collected from this experiment will be used to determine whether one lane change assistance system improved trust and acceptance or driving performance more so than the other.

Haptic Feedback Research in Virtual Reality
Lauren Futami ’18, Media Arts and Sciences; Dana Hsiao ’18, Computer Science
Advisor: Orit Shaer, Computer Science, Class of 1966 Associate Professorship

This summer, I interned at the University of Stuttgart in the human-computer interaction (HCI) lab as part of the National Science Foundation, International Research Experiences for Students (NSF IRES) program. I worked with the Unity game engine and Oculus virtual reality headset to create an environment in virtual reality that would prompt the user to physically interact with the virtual world. Small, flying drones that were shielded with various materials provided haptic feedback to the user—when the user responded to a visual stimulus in the virtual reality headset by physically reaching a hand out, they would touch the drone’s shield. The graduate students I worked with were researching to see if various types of this kind of haptic feedback augmented the virtual reality experience, compared to a purely visual experience. In addition to working in the HCI lab, I also experienced living outside of the US for an extended period of time.

Small Cogs in a Big Wheel
SCI 364

From Data to Decision Making: Behind the Scenes in Big Government
Keertana Anandraj ’18, Mathematics
Advisor: Rocio-Maria Tisdell, Career Education

This summer, I interned at the Federal Communications Commission in Washington DC where I worked on two vastly different projects. One was a report mandated by Congress which the FCC painstakingly assembled; another, a project that followed a fraud case in Alaska where I was able to create a policy proposal. Interestingly enough, though, the work which is the most useful is the data I collected for Congress’s authorized report; unglamorous work which will become published and read by at least three weeks I spent putting my name to a new plan may wind up being completely useless if my idea fails to be implemented. This dichotomy of the work I performed has led to an unsettling, and surprising, truth about working for the government: it isn’t always about enacting change, even when we want it to be.
Facilitating International Collaborations in STEM: Summer at the National Science Foundation
Mehak Sarang ’18, Physics
Advisor: S. Joanne Murray, Albright Institute for Global Affairs

Scientific research is, at its heart, a collaborative effort; however, scientific talent is spread throughout the globe. While interning at the National Science Foundation (NSF) in the office of international science and engineering, I learned about the role the US government plays in ensuring our researchers are able to collaborate with scientists around the world. My time was spent focusing on relations between the US and India in STEM. From high-level policies, such as bilateral agreements, to individual researcher-to-researcher relationships, I studied the breadth of interactions between the two countries to better understand how the NSF can facilitate collaborations between researchers. I leveraged the skills I’ve developed as a physics major while also exploring my interest in international relations, and, through interactions with various individuals in Washington DC, discovered the unique field of science diplomacy.

Build-Your-Own-Job: My Summer at a (Very) Early-Stage Startup
Kate Pundyk ’20, Undeclared
Advisor: Tom Burke, Political Science

On August 10, 2017, the President announced a national state of emergency due to the opioid epidemic. It is estimated the country faces approximately 142 overdose deaths per day—over 50,000 people total in 2016. One of the largest hurdles to tackling the epidemic is a lack of timely, localized data. This past summer, I worked for a startup at MIT fighting the epidemic by collecting drug consumption data from sewage. As their policy intern, I met with officials in all levels of government—from Boston City Councilors to a member of the President’s Opioid Commission—to design the policy foundation of the company. Thanks to this exposure, I am more confident in my desire to study urban health and politics. I hope that those who attend my Tanner presentation will get insight into this crippling epidemic, but also into what it’s like to intern at an early-stage startup.

Hacking the Bureaucracy: Navigating the Government as a Technology Student
Rachel Dodell ’18, Media Arts and Sciences
Advisor: Orit Shaer, Computer Science, Class of 1966 Associate Professorship

Imagine working in technology, without access to contemporary resources like Google Drive or GitHub. That’s typically the reality of working in the US government. I was part of the first cohort of the civic digital fellowship, a first-of-its-kind data science and technology fellowship that allows innovative students to create solutions for pressing federal government issues. I spent 10 weeks working at the US Census Bureau on a complete overhaul of their small business data hub. I quickly realized that while building a website is not difficult, doing so in a government environment is challenging. In my presentation, I will discuss my journey to civic technology, the importance of programs like the civic digital fellowship, and how I navigated the roadblocks of bureaucracy to create a product that will be seen by countless Americans.

Climate Change: From Your Backyard Garden to the Depths of the Ocean
SCI E211

Greenhouse Gas Emissions by Different Ecological Communities in the Botanic Gardens
Lauren Tso ’20, Undeclared; Sulaikha Buub ’20, Undeclared; Lyba Khan ’20, Undeclared
Advisor: Jaclyn Matthes, Biological Sciences

Our research centered on how greenhouse gas emissions differ by ecological community. We measured the emissions of carbon dioxide and methane, two major greenhouse gases, in relation to various biotic and abiotic variables. Eventually, this work can be applied to the study of global climate change. Global ecological communities can thus be managed accordingly by determining what variables correlate with higher and lower gas emissions. On a more personal note, this research relates to us as citizens of this planet and students of biology looking to continue in science, particularly in a lab setting. We hope those who will attend our presentation will be able to clearly understand our results. More importantly, however, we hope they will see the importance of them. As a society, it’s important for us to be aware of how species coexist and impact our earth. Ultimately, our awareness will influence the future of global change.

How Gases Cross from the Ocean into the Atmosphere
Callan Krevanko ’18, Chemistry; Elizabeth Lambert 20, Undeclared; Helene Alt DS, Chemistry
Advisor: Rachel Stanley, Chemistry

This summer, we ran experiments in the University of Miami Rosenstiel School of Marine and Atmospheric Science wind-wave tank to study air-sea gas exchange. We induced different wind, wave, and temperature conditions and used a mass spectrometer to measure how noble gas ratios responded to the physical forcing. These measurements will allow us to better understand gas fluxes, including those that are bioactive and climatically important. Our experience extended our previous knowledge of chemical concepts and the research process itself. We learned to apply chemistry to large-scale environmental processes and obtained data with previously unexplored techniques. This research challenged us to make judgments based on our own knowledge rather than a preapproved method. Our familiarity with the necessary equipment and chemical concepts empowered us to work independently and actively participate in problem-solving. This experience influenced our personal interest in research careers; furthermore, contrasting Wellesley and a larger research university underscored the importance of workplace environment.
Programming and Drug Development: Informatics in Big Pharma (Panel)
SCI 274
Brenda Ji ’18, Biochemistry; Taylor Fortnam ’18, Classical Civilization and Mathematics; Jennifer Chien ’19, Computer Science; Clara Sorensen ’18, Biological Sciences and Computer Science
Adviser: James Battat, Physics

As Novartis Summer Scholars, we each worked closely with informatics teams on separate research projects at Novartis’ global headquarters for biomedical research in Cambridge, Mass. From networking on ice cream Tuesdays to attending global meetings and biweekly scholar seminars, our experiences aimed to promote both scientific and professional development as we each independently contributed to large-scale drug development projects with our daily research. The experience illuminated how our various backgrounds (biology, computer science, mathematics) could be incorporated into the patient-driven research, and enabled us to delve into the computational intricacies of drug development while learning from experienced bioinformaticians. Working at Novartis gave us valuable exposure to an interdisciplinary field in a global company, allowing us to learn about new topics and the different paths possible for our futures, through biweekly seminars and interactions with other scholars and mentors. We hope that our shared experience can help students to consider alternate paths for their summer internships and future job opportunities.

Technological Projects at Non-Tech Companies (Panel)
SCI 396
Sharon (Wenxin) Zhang ’18, Computer Science and Mathematics; Nancy Ho ’18, Computer Science and Mathematics; Natalie Sayed ’18, Computer Science; Jacqueline Young ’18, Computer Science
Adviser: Brian Tjaden, Computer Science

This past summer, the four of us applied the skills we learned at Wellesley to various technological assignments at nontech companies. The industries
This summer, I pursued a global citizenship internship at the Stiftung Frauenkirche in Dresden, Germany. I worked with the foundation’s resident architect and was afforded the freedom to pursue my own research under his mentorship. In my presentation, I will focus on a key aspect of that research: the Frauenkirche as a monument. While the church was an important feature of the Dresden cityscape and a center for spiritual life since its first construction, in its original use it can best be described as one of multiple churches in Dresden. The Frauenkirche acquired a monumental status only after it was bombed, first as an imposing pile of rubble and later in its reconstruction. I found that one of the deeper ironies of its “archaeological reconstruction,” which was supposed to remake the church as closely to its original form as possible, ultimately transformed the Frauenkirche into a new space.

Changing Habits: A New Era of Catholic Monasticism
Maya Nandakumar ’19, Classics
Advisor: Carlos Ramos, Spanish
For centuries, the Catholic Church controlled the sociopolitical landscape of the European continent, but growing secularism has curbed its power in recent years. Monastic life has declined as a result, but that shift has had profound implications on Italian society. The disappearance of monasteries and nunneries has affected immigration policy, interfaith awareness, and cultural preservation. This past summer, I had the opportunity to delve into the world of investigative journalism by living in monasteries throughout Italy and interviewing the few people who still enter the religious vocation. I researched topics such as racial diversity, art conservation, and the process of fundraising for missionary work in developing nations. At the same time, I had the opportunity to pitch and write for major publications, such as Huffington Post. In my presentation, I will offer my insights on freelance journalism and the modern manifestation of the Catholic Church in Italian culture.
Achieving this goal required collaboration and communication between the three NGOs present and the Greek government. This experience built upon my anthropological research at Wellesley. While my past focus was on the narratives of migration throughout Europe, this experience allowed me to unpack the state of stagnation along the path to asylum. Through the lens of the classroom, I witness how—when children have little control over their lives—the path to recovery following trauma is long. Education is not simply bringing books and learning, but also empathy, stability, and fun, to an otherwise stuendy and uncertain purgatory.

**From Madrasa to Souvlaki: Lessons from Providing Direct Service to Refugees**

Melissa Bruehl ’18, Political Science and Peace and Justice Studies; Heather Orta-Olma ’17 Economics

Advisor: Nadya Hajj, Political Science

This past summer I had the opportunity to intern at LM Village Refugee Camp in Myrsini, Greece. There, I provided direct support to 150 Syrian and Iraqi Kurdish refugees. While in the morning, I may have updated a census of the camp, and in the afternoon tutored women one-on-one in English, each day’s work was different in accordance with the camp’s needs. In this presentation, I hope to share my experience in learning how to be flexible and proactive in a constantly changing and underfunded international work environment. Second, I will address the challenges of working with groups from vastly different cultures, speaking different languages, to ensure that their needs are met using creative and innovative solutions. Finally, I will discuss the need for clear leadership structures, especially in times of crisis, and the merits of working collaboratively to bridge gaps in systems of support for refugees.

**Friends or Enemies? Conflict and Transformation through Relationship Building Among Youth**

Marley Forest ’18, Political Science

Advisor: Catia Confortini, Peace Studies

What happens when you bring young people coming from some of the most difficult conflict areas globally and domestically to live with each other for three weeks? This summer I had the unique opportunity of working as a counselor at Seeds of Peace International Camp, where I worked with some of the bravest and most insightful young people I’ve ever met. Through this program, which provides the structure for both interpersonal relationship building and daily facilitated dialogue among its participants, I was able to witness the ways in which these young people challenged and restructured their vision of what their and their community’s lives could be, and their roles within that process of change. I was able to apply their insights to my own experiences, challenging my understandings of the structures I exist within, and the possibilities for personal, interpersonal, and structural change within them.

**Healing Communities through Education, Law, Mentoring, and Organizational Support (Panel)**

SCI 264

Michelle An Lei (Michelle) Yu ’19, Psychology; Julie Renfroe ’19, Sociology; Rebecca Leu ’19, Neuroscience; Catherine Gooding ’19, Anthropology

Advisor: Erin Konkle, Career Education

Our collective experience in the Lumpkin Summer Institute for Service Learning exposed us to how nonprofits use education, law, mentoring, and organizational support within their communities. In collaboration with other organizations, nonprofits help alleviate social problems which affect health and opportunities for mobility. Our discussions on the history and structure of nonprofits in seminar supplemented our individual site placements: Primary Care Progress (Rebecca), Medical Legal Partnership Boston (Julie), Economic Mobility Pathways (Catherine), and Boston Area Rape Crisis Center (Michelle). Through different avenues, we each discovered how communities vulnerable to negative impacts experience burnout in health and trauma care providers, health problems avoidable by legal guidance, and cycles of intergenerational poverty. We believe nonprofits have great potential to offer both long- and short-term solutions to debilitating social determinants. Lastly, we hope to highlight how opportunities are inequitable in the US, and convey that community healing is multifaceted.

**Grassroots Environmentalism: Mobilizing People Through Forestation, Farming, Faith and Feminism (Panel)**

SCI 277

Amanda Hernandez ’18, Environmental Studies; Molly Hoyer ’18, Comparative Literature; Ciaran Gallagher ’17, Environmental Chemistry; Nisreen Abo-Sido ’18, Environmental Studies

Advisor: Jessica Hunter, Environmental Studies

Across the globe each of us worked at the local level to promote positive environmental action on global-scale issues. With the Azuero Earth Project (Panama), we reforested land to not only connect fragmented habitats, but also to mitigate climate change. We empowered local women in Melanesia through The Nature Conservancy (Australia), modeling the importance of incorporating marginalized voices in conservation efforts. With the Ecumenical Ministries of Oregon, we mobilized faith leaders for a statewide cap-and-trade bill, utilizing interfaith collaboration to reduce carbon pollution. We practiced sustainable agriculture at the Asian Rural Institute (Japan) alongside rural leaders from Asia and Africa, learning how to make their home communities independent from synthetic agrichemicals and imported technology. Although we utilized different approaches and strategies, we each harnessed the power of grassroots environmentalism. We will discuss the critical feedback loop between theory informing practice, personal growth, and the challenges that shaped our experiences.
Health and Medicine Beyond Borders

On My Mind

SCI 278

Investigating Deep Brain Stimulation for Symptom Reduction in Parkinson’s Disease and Epilepsy
Aliyah Audil ’20, Undeclared
Advisor: Melissa Beers, Biological Sciences

Parkinson’s and epilepsy together affect over 75 million people worldwide. My projects this summer, performed in the Shin Lab at Albany Medical College, used rat models to investigate how deep brain stimulation of various parts of the brain may improve symptoms of both Parkinson’s and epilepsy. Through this internship, I learned how to design experiments, adapt past techniques into new procedures, and communicate with the scientific community. My most memorable experience in the lab, though, was when I met a wheelchair-bound Parkinson’s patient. As a scientist, I learned how far-reaching the implications of research are: our studies could one day significantly improve the quality of life of an entire generation with Parkinson’s and epilepsy; as an aspiring physician, I learned the importance of understanding a disease from the patient’s perspective. My experiences further cemented my interest in neuroscience, and I know these lessons will remain with me as I pursue medicine.

Observing the Influence of Treatments for Multiple Sclerosis on Mice
Matilde Borio ’19, Neuroscience
Advisor: Barbara Beltz, Neuroscience, Allene Lummis Russell ’46 Professorship in Neuroscience

The aim of this project, which was supported by a Wellesley Fellowship sponsored by the National Multiple Sclerosis (MS) Society, was to understand mechanisms of neurodegeneration in MS. As part of a team of researchers in the Quintana Lab in the neurology department, I learned to isolate and culture astrocytes, glial cells in the central nervous system that have roles in immune and inflammatory responses. These cells were exposed to specific drugs, and I observed the effects of these treatments on their physiological properties (for example, influences on pro-inflammatory and anti-inflammatory cytokines). We also observed the effects of laquinimod, a promising new drug for treatment of MS, in mice with “experimental autoimmune encephalomyelitis,” an animal model for multiple sclerosis. Our results add to the body of information regarding treatments that will hopefully help to prevent the degeneration of neurons and alleviate the worsening symptoms of this debilitating disease.

Implications of Metal Ions on Alzheimer’s Disease Pathogenesis
Anne Kim ’19, Neuroscience
Advisor: Sun-Hee Lee, East Asian Languages and Cultures

Abnormal tau aggregation is a pathological hallmark for many neurodegenerative diseases, and increasing evidences highlight metal ions as a potential contributing factor for tau pathology in Alzheimer’s disease (AD). Essential biometal ions, when present in excess or at deficient levels, carry manifold neurotoxic effects. Moreover, the prevalence of environmental metal ions and the ease of spreading make them a global health threat. In this respect, at the Korea Institute of Science and Technology, using an ex vivo organotypic brain slice culture technique coupled with a bimolecular fluorescence complementation (BiFC) technique, my research team and I examined the effects of metal ions on tau pathology in AD. My experiences through this internship have provided me insight into translational research: the investigation of synthesized therapeutic treatments in the research laboratory and their incorporation into clinical trials and diagnoses—pathways I will later encounter in my pursuit of medicine.

Translational Research and Medicine
SCI 392

The Role of De-N-Acetyl Polysialic Acid (dPSA) in Cancer Cell Adhesion and Migration
Casey Smith ’20, Undeclared
Advisor: Marc T etel, Neuroscience

This summer I worked with Dr. Greg Moe at the Children’s Hospital Research Institute in Oakland, studying cancer cell adhesion and migration in two- and three-dimensional cell culture. Throughout my internship, I learned how to work independently in a lab setting, use different forms of microscopy, as well as manage cell culture. The most significant aspect of my internship was understanding the scientific method with hands-on experience. Much of my work this summer focused on optimizing a variety of experimental conditions for these cell culture studies, including the incubation time frame, dilution factors, and imaging techniques. Overall, I hope to convey a clear representation of cancer cell migration and communicate the biological importance of three-dimensional cell culture. I plan to use this knowledge to further my academic goal of majoring in neuroscience, and to build upon my progress in a career in biomedical science.

Science Writ Small: Antibiotic Research, Immersive Education, and Saving the World
Sarah Lange DS, Biochemistry and Psychology
Advisor: Julie Roden, Biological Sciences

During summer 2017, I conducted research in drug development and Lyme disease with the Lewis Lab at Northeastern University. The paucity of antimicrobial discovery in the last 50 years has allowed bacterial innovation (mutation-derived resistance) to outstrip human innovation. To address the looming global health crisis posed by multi-drug resistant microbes, our lab searched for new antimicrobial compounds by screening for, identifying, isolating, and characterizing previously undiscovered antibacterial metabolites produced during fermentation. The specific science of my summer research both depended on and deepened my Wellesley education and helped me to see the art and tenacity that undergird
Improving Diagnostic Tools and Visualization of Human Health
E. Ma ’19, Chemistry
Advisor: Mala Radhakrishnan, Chemistry, Whitehead Associate Professor of Critical Thought

Over long-duration space flights, microgravity induces structural and functional changes in astronauts’ cardiovascular systems and long-term health. As flight duration increases, these changes heighten. As a summer research associate, I worked on one of NASA’s centennial challenges in software development to advance 3D visualization of microvasculature and model astronauts’ cardiovascular systems. Most biomedical imaging modalities are capable of serving as diagnostic tools and generating images for vasculature analysis. However, few software programs are able to automatically extract patient-specific 3D bioinformatics from the images. I sought to propose an approach to extract necessary data and address state-of-the-art limitations. My liberal arts education at Wellesley has taught me to seek innovations from diverse and nontraditional sources, and enabled me to explore beyond existing literature. I wish to share with my audience my appreciation of how technology will continuously impact our health and the future of improving diagnosis.

Transcription Factors’ Role in Autophagic Pathway Disruption and Their Effects on Aging
Sydney Brumfield ’18, Neuroscience
Advisor: Tracey Cameron, Harambee House

Illuminating my mind to minute processes that have large effects was my research this summer studying aging. In a lab at Harvard School of Public Health, our team focused on delineating the mechanisms by which the body ages and uncovering possible methods to battle age-related deterioration through pharmaceutical intervention. I delved into the effects of autophagy and mechanisms that may hinder this process in the model organism C. elegans. My research proved surprisingly intertwined with my academic focus in neuroscience. We explored how genetic alterations and the degradation of the autophagic pathways can result in the decrease in lifespan and affect brain and neuronal health. I aim to show how the loss of specific transcription factors inhibits the autophagic processes and its possible effects on aging. This work demonstrates that nothing in science operates in a vacuum, and different areas of science can culminate in new and exciting ways.

Precision Medicine: From Gene to Brain to Cancer (Panel)
SCI 274

Hannah Jacobs ’19, Biochemistry; Catherine Xie ’19, Biochemistry and French; Brenda Nguyen ’19, Neuroscience; Kethu Manokaran ’18, Neuroscience and South Asian Studies
Advisor: Barbara Beltz, Neuroscience, Allene Lummis Russell ’46 Professorship in Neuroscience

This summer four Wellesley undergraduates worked on biomedical research in cutting-edge laboratories across the US: MIT (Hannah Jacobs), Brigham and Women’s Hospital (Catherine Xie), Northwestern Medical School (Brenda Nguyen), and Brown Medical School (Kethu Manokaran). We learned the importance of integrating both the lab and the clinic in order to optimize the health of patients. Our research taught us about emerging biotechnologies and where medicine intersects with people’s lives and cultures. As aspiring future physician-scientists, these experiences strengthened our understanding of the process from bench to bedside. Our projects investigate the human body at both the cellular and behavioral levels. These studies include identifying new genetic targets of neuronal microRNAs (Hannah Jacobs), exploring the mechanism of HPV-induced epigenetic alterations in cervical cancer (Catherine Xie), discovering a new immunosuppressive gene in glioblastoma (Brenda Nguyen), and analyzing neurological patterns in adolescent sleep habits (Kethu Manokaran). Our research experiences cultivated our enthusiasm for hands-on learning that complements our education in Wellesley’s classrooms.

Identity, Community, and Global Citizenship
Documenting Displacement and Preserving Memory
SCI E211

Borderline Human: Filming One Refugee’s Story Across Europe
Tina Xu ’17, Political Science
Advisor: Winifred Wood, Writing Program

While studying abroad in Oxford during my junior year, I met Sam, an Afghan refugee now living in London. Sam generously shared with me his story of his treacherous journey across eight countries—running from the bullets of bandits, capsizing in the Mediterranean, nearly suffocating in a shipping container, and sleeping in phone booths—to claim asylum as an unaccompanied child in England. Through the Pamela Daniels fellowship, we were able to return together to Greece, Italy, France and the UK to collaborate on a film that has served as a means of standing witness and healing. I will screen the film as it currently stands, and discuss its impact on us as filmmakers. What are the possibilities and dangers of facing one’s traumatic past through art? When the physical journey ends, what new journeys begin for those who are forced to migrate?

Framing the Refugee Crisis: Documenting the Psychosocial Support of Refugees
Shanzay Kazmi ’18, Media Arts and Sciences
Advisor: Kristiana Graves, International Studies

With 65.6 million people currently forced from their homes, the world is facing unprecedented
levels of displacement. As refugees flowed into Europe in 2015, Germany committed to accepting them through their doors. Today, these individuals have opportunities for a better future, but struggle with emotional stress like PTSD, uncertainty, and difficult living conditions. This summer, I traveled to Berlin, Germany, where I filmed one NGO’s psychosocial work within refugee shelters. Specifically, I documented their program with Afghan adult refugees, who used art therapy as a means to process their challenging past. In the process, I witnessed how therapy is essential for refugees to self-express, reflect, and explore their potential. In my presentation, I will show my footage, recount their stories, discuss the importance of psychosocial support, and consider what we can be doing from Wellesley.

Creating Community in a Refugee Camp: Stories from Northern Greece
Rachael Labes ’20, Undeclared
Advisor: Panagiotis Metaxas, Computer Science

This summer, I spent three weeks volunteering at a refugee camp in northern Greece. Our focus was to teach classes, mainly theatre, dance, art, and English. When we weren’t teaching classes, we worked in the warehouse, distributing clothing and food to nearby camps. This experience was significant for me because it truly put everything into perspective. It changed the way I look at my role, and Wellesley’s role, in affecting social change. I’m committed to social activism and justice now more than ever, and I hope those who attend my presentation will learn more about the complex details of the refugee crisis in Greece, as well as the ways in which grassroots organizations function alongside NGOs to effect positive change. I hope to share stories of people I met and inspire others to engage in this sort of work, both locally and abroad.

Diarna: Researching Jewish Communities in North Africa, the Middle East, and Asia
Diane Tania Esther Schrenzel ’20, Undeclared;
Laurel Stickney ’20, Undeclared
Advisor: Frances Malino, Jewish Studies, Sophia Moses Robison Chair in Jewish Studies

In response to the tide of instability and violence which has affected many regions in the Middle East and North Africa, the Diarna Geo Museum was established in 2010 in an effort to preserve the Jewish heritage of these lands. Violent conflict threatens a plethora of sites of great significance to Jewish history and culture, and Diarna aims to document these locations in the face of their imminent destruction. This summer, we interned at Diarna (“our homes” in Judeo-Arabic), which works to preserve this cultural and historical memory. After presenting Diarna’s mission and modes of action, we will describe what our internship entailed and what we gained from it.

From Foreign Policy to Hummingbirds
SCI 104

Rebuilding an Island’s Environmental Legacy: a Summer in Vieques, Puerto Rico
Zoe Borghard ’18, Biological Sciences
Advisor: Amanda McCarthy, Chemistry

This past summer, I was funded by the environmental conservation and policy internships program to travel to a small island off of Puerto Rico called Vieques. There, I worked at the local Historical and Conservation Trust to help educate tourists and local families about protecting the environment. Vieques was occupied by the US Navy from early World War II until very recently, meaning much of the island is suffering from remnants of bombs and other military pollution. Environmental protection, as a result, has become a highly political and social matter, relatively unknown to the rest of the world. My work on Vieques was interdisciplinary and emphasized the many areas of education and social justice that must be brought together for real environmental policy change. As a senior biology student looking toward the future, understanding how a region’s social atmosphere affects the work that can be done is essential.

Nature and Happiness: Conversations in Rural Nepal
Neha Rajbhandary ’20, Undeclared
Advisor: James Turner, Environmental Studies

The question of what it means to be happy, and how best to achieve happiness, is one that thinkers have pondered and scholars have studied for a long time. As people in developing countries move from rural to urban areas for better opportunities and amenities, people have questioned whether the happiness of urban migrants is diminished as they became more distant from nature. To study the link between wellbeing and the environment, I went to rural Nepal this summer. Through prolonged qualitative conversations with a small group of locals and by immersing myself in conventionally scenic regions in Lekhnath and Surkhet, I researched what it means to live in a rural agrarian village in a developing country so steeped in both nature and poverty. Also underscored in this research were issues pertaining to the romanticization of rural areas by affluent people, the misunderstood relationship between local people and their environment, and the complicated relationship between local development and environmental conservation.

Hummingbird Research and Beyond: My Experience at the Rocky Mountain Biological Laboratory
Irina Chen ’18, Biological Sciences
Advisor: Jaclyn Matthes, Biological Sciences

For the past two summers, I conducted research on broad-tailed hummingbirds at the Rocky Mountain Biological Laboratory (RMBL) in Gothic, Colo. In a lab, I helped tackle the question: What are the factors that help maintain the bill shape of broad-tailed hummingbirds over evolutionary time? RMBL is a unique community where students, professors, biologists, artists, and everyday citizens come together to answer scientific questions. While studying broad-
Making the Implicit Explicit: Addressing Racism in Public Health
Dominique Lafontant ’19, Women’s and Gender Studies
ADVISOR: Irene Mata, Women’s and Gender Studies, Barbara Morris Caspersen Associate Professorship in the Humanities

This summer, I focused on offering sexual health education for patients at the South Jamaica Plain Health Promotion Center, serving predominantly Latinx and Black communities. While I gained experience in teaching sex ed to a variety of communities, I learned much more about how an individual’s health is as related to their diet as their skin color. I had previously considered and understood many of the ways in which race affects health outcomes. However, working at my internship forced me to consider the subtler ways that racism can operate, even with well-meaning health professionals, and the importance that naming a system like racism and its products means for an individual’s health. My presentation will engage with difficult questions, including, how are inequities reproduced and normalized in our health system? How does understanding those inequities help us to reconsider what good health care means?

Life and Legacy: Reflections from Post-Genocide Rwanda
Zilpa Oduor ’18, International Relations–Economics
ADVISOR: Rebecca Gordan, Albright Institute for Global Affairs

I did my study abroad in Rwanda in spring 2017 focusing on post-genocide restoration and peacebuilding. While there, I had the chance to discuss with various stakeholders the direction they would like to see the country move in in order to overcome its brutal history. After the program, I decided to stay and intern with the Institute of Policy Analysis and Research-Rwanda (IPAR-Rwanda), a nonprofit, independent think tank that seeks to influence leaders to implement public policies informed by independent research. This presentation will focus on how my time at IPAR-Rwanda gave me the chance to reflect on questions of African resilience, self-reliance, and reform (so often overshadowed by images of war, corruption, and poverty) and who we vilify and who we praise.

Technology, Innovation, and Education
Wellesley Brings Water to the World

Assessment of Viability of a Low-Cost Xylem Water Filter in Uttarakhand, India
Caroline Morris ’18, Biological Sciences
ADVISOR: Amy Banzaert, Extradepartmental

I conducted an assessment of drinking water needs and water filter usage in villages in Uttarakhand, India, working with MIT D-Lab research associate Megha Hegde and two graduate students from Nanital, India. The findings will help D-Lab introduce a low-cost water filter made with xylem, which can be produced using pine trees and has been proven to filter out all bacteria and protozoa, giving it the potential to be highly affordable to the poorest households and help tremendously in combating waterborne disease. The project’s potential to benefit many families with few to no affordable filtration options has inspired me, shaping my goals and drawing me to work on development, public health, and the environment. Through my presentation I hope to educate my peers about water-related issues in Uttarakhand, share favorite experiences from working on this project, and initiate discussion about our role, as global citizens and Americans, in international development.

Geohazards, Resource Management, and Community Growth in Nepal
Clara Cogswell ’18, Classical Civilization and Geosciences
ADVISOR: Daniel Brabander, Geosciences, Frost Professorship in Environmental Science

I spent seven weeks this summer in Nepal taking part in a program called “Geoscience in the Himalaya” conducted by SIT Study Abroad. This talk will be an overview and reflection of my experiences with geohazards in Nepal. I will begin by introducing and explaining the concept of geohazards, and discussing why Nepal is an ideal setting in which to study geohazard mitigation. I will give a brief overview of my case study in groundwater resource distribution, management, and sanitation, and discuss its broader implications. I will conclude with a reflection on my time in Nepal and how my experiences shaped the way I viewed the tragedy I returned to in my hometown, Houston, Texas.

Addressing Water Scarcity through Innovative Engineering and Community Partnerships in Cabo Verde
Kate Hansen ’19, Geosciences and Spanish; Brianna Love ’19, Architecture
ADVISOR: Amy Banzaert, Extradepartmental

In the summer of 2017, a five-person team from Wellesley College and the University of Cabo Verde collaborated to address water strain in Santiago, Cabo Verde. Through the internship, we produced the Ouriço Water Sensor System: a prototype that records key data (water level and quality) from a water reservoir and sends it in real time to a user-friendly web application. In
addition to maturing our engineering-related skill sets, this experience taught us the importance of developing community partnerships and approaches to responsible development through a research lens. Throughout our work, we were intentional in learning about the country's history, culture, and language. This experience informed our career ambitions, re-energized our passion for languages, and sensitized us to water concerns. Presentation attendees will learn about Ouriço, its technical structure, and how engineering and social awareness can be explored simultaneously.

**Leveraging a Tech Internship into a Fulltime Position (Panel)**
SCI 270

**Leveraging a Tech Internship**
Nina-Marie Amadeo '18, Computer Science; Shannon Brown '18, Computer Science; Marissa Okoli '18, Media Arts and Sciences; Elif Samanci '18, Computer Science and Mathematics; Dorothy Sun '19, Computer Science and Mathematics; Maja Susanna Svanberg '18, Computer Science
Advisor: Orit Shaer, Computer Science, Class of 1966 Associate Professorship

This past summer, the six of us interned at technology companies across the country. Though our roles ranged from software engineer to technical writer at both tech giants and smaller entities, we found common ground in the fast-paced and ever-changing nature of our jobs. Along with detailing our average days, we will discuss how to best leverage a tech internship into a full-time position, how to utilize company resources efficiently and effectively, and how to navigate the corporate world coming from a place as supportive as the Wellesley computer science department. Join us as we delve into the exciting, empowering, and impactful world of the American tech industry!

**From Apple to Facebook: Internships at Large Tech Companies (Panel)**
SCI 261

**Internships at Large Tech Companies**
Hannah Murphy '19, Computer Science; Jesslyn Tannady '18, Computer Science and Media Arts and Sciences; Pet Ramanudom '18, Computer Science and Women's and Gender Studies; Andrea Jackson '18, Computer Science; Cecellia Tsui '18, Computer Science
Advisor: Christine Basem, Computer Science

For many students interested in technology and beginning their college experience, it can be difficult to find internships. Applications and interviews can be confusing, and it’s hard to find the right fit. This panel will be made up of five current seniors and one junior who found different summer opportunities at large companies. Students in this panel will describe their experiences at Apple, Microsoft, Google, Amazon, and Facebook in software engineering and user experience design roles. Panel members will describe how their Wellesley educations contributed to their internship experiences, and what lessons they’re bringing back from their summers.

**First-Year Tech Internship Crash Course (Panel)**
SCI 256

Sarah Yan '20, Undeclared; Annabel Rothschild '20, Undeclared; Lauren Luo '20, Undeclared; Anah Lewi '20, Computer Science; Meha Abluvalia '20, Undeclared
Advisor: Jean Herbst, Computer Science

Finding summer opportunities in tech after a student's first year can be extraordinarily challenging. Besides having to navigate resumes and complicated application processes, students must also find opportunities that match their level of technical knowledge. In this panel, five sophomores, who each finished their first year with a different level of technical experience, will explain how they found the right opportunities. The students will also discuss how they succeeded in their roles despite limitations as rising sophomores. Students on this panel worked at a diverse set of organizations, including Putnam Investments, Radial Analytics, Girls Who Code, and Microsoft.

**Wellesley Computer Science at Large Universities (Panel)**
SCI 380

**CS Beyond the Bubble: Computer Science Research at Large Universities**
Jessica (Jess) Abramson '19, Computer Science and Psychology; Valerie Zhao '18, Computer Science and Neuroscience; Beryl Larson '19, Economics
Advisor: Eniana Mustafaraj, Computer Science

Each of these panelists spent the summer conducting computer science research at large universities, known as research experiences for undergraduates (REU). Beryl Larson completed an REU program focused in data science at UMass Amherst, where she worked with a graduate student to reverse engineer database queries based on user-provided examples. Jess Abramson spent the summer at the University of Maryland working on a project applying game theory to betting on Final Jeopardy! Meanwhile, Valerie Zhao helped design and implement the effect system for a research language at Carnegie Mellon University's Institute for Software Research. In this panel, we'll be talking about what we learned about the research process, the challenges we encountered, and how our backgrounds at Wellesley prepared us to succeed in these experiences.

**Empowerment and Change through Education Technology**
Magdalena Sowder '18, Media Arts and Sciences; Yuna Gan '20, Undeclared; Jamie Yip '18, Computer Science and History
Advisor: Franklyn Turbak, Computer Science

This summer, we worked on two programs at MIT, both of which aim to democratize software development by empowering all people to create apps and games. We studied blocks-based
languages which provide a quick first step to learning how to code while also giving users the ability to create complex programs in a short amount of time. Through our experience at MIT, we learned more about the field of education technology and, through our small, tight-knit labs, were able to interact directly with those doing leading research in their field. Through our projects, we worked on making the programs more accessible to all students and empowering them to create meaningful, useful products, which becomes a way to incite change in communities and schools.
**Internships and Grants Programs**

- Algeria
- Argentina
- Australia
- Bahrain
- Belgium
- Bolivia
- Brazil
- Cambodia
- Cameroon
- Canada
- Chile
- China
- Costa Rica
- Cuba
- Cyprus
- Czech Republic
- Denmark
- Dominican Republic
- Ecuador
- Egypt
- France
- Germany
- Ghana
- Greece
- Hong Kong
- Hungary
- Iceland
- India
- Ireland
- Israel
- Italy
- Japan
- Jordan
- Kenya
- Madagascar
- Mongolia
- Morocco
- Nepal
- Netherlands
- New Zealand
- Nicaragua
- Panama
- Peru
- Portugal
- Russia
- Rwanda
- Samoa
- Mexico
- Morocco
- Nepal
- Nigeria
- Palestine
- Panama
- Philippines
- Portugal
- Republic of the Congo
- Russia
- Rwanda
- South Africa
- South Korea
- Spain
- Sri Lanka
- Swaziland
- Tanzania
- Turkey
- United Arab Emirates
- United Kingdom
- United States
- Vietnam

**Fellowship Programs**

- Aruba
- Burundi
- China
- France
- Georgia
- Germany
- Greece
- India
- Israel
- Italy
- Japan
- Kashmir
- Malaysia
- Morocco
- Norway
- Russia
- Singapore
- South Africa
- South Korea
- Switzerland
- Taiwan
- Tajikistan
- Thailand
- Togo
- Turkey
- United Kingdom
- Vietnam

Patterns indicate multiple categories.
The Tanner Conference provides students the opportunity to learn about Wellesley’s international study, internship and grant, and fellowship programs through presentations, panels, and roundtables.

**International Study**

The Wellesley College Office of International Study provides advice and support for Wellesley students who elect to study in a foreign country for a semester or an academic year. Each year, almost half of the junior class pursues academic course work internationally for at least one semester. Of those, about a third enroll in one of Wellesley’s international study or exchange programs in Canada, China, Egypt, France, Germany, Hong Kong, Iceland, India, Italy, Japan, South Korea, Spain, Switzerland, or the United Kingdom. The remainder enroll in one of more than 150 approved programs or direct-enrollment options. All students considering international study during their junior year should begin the process early in their sophomore year.

**Internships and Grants**

Wellesley College supports a large and diverse number of summer internships and community service projects in the US and around the world. This summer, more than 300 students participated in internship programs in over 45 countries.

**Fellowships**

Wellesley College offers fellowships for graduate study or research that are open to graduating seniors and Wellesley alumnae. Each year, the College supports approximately 40 women in both national and international programs of study or research. In addition, faculty committees assist candidates in applying for national fellowships, such as the Rhodes, Marshall, Fulbright, Truman, and Goldwater.
INTERNATIONAL STUDY PROGRAMS

Middlebury/Wellesley-in-Chile (Chile)
Wellesley students can study either at the Universidad Católica de Chile in Santiago or the Universidad Católica de Valparaíso. Students take four courses at one of these two universities. Courses are available in all areas of the liberal arts curriculum. Native instructors work one-on-one with students to develop advanced levels of language proficiency in the four areas of speaking, listening, reading, and writing as defined by the American Council on the Teaching of Foreign Languages (ACTFL) Proficiency Guidelines and carry out an original small-scale sociolinguistic study as part of the program’s core course. While in Chile, students are encouraged to connect to a specific societal need through volunteer opportunities in order to devote their energies and passions toward addressing that need in ways that promote sustainability and social justice.

Wellesley-in-Aix (France)
Wellesley-in-Aix is an immersion program in Provence that offers students an opportunity to improve their language skills and experience French life and culture through studying alongside French peers and living with French hosts in a lively university city and region renowned for its natural beauty. The program is open to women and men, and its small size (20 to 25 participants per semester) can accommodate individual interests and needs. The program begins with a pre-session in Paris that includes guided tours of museums, neighborhoods, and historical sites. Once in Aix, students with diverse majors may take courses in humanities or the sciences at Aix-Marseille Université, political and social sciences at the Institute of Political Studies (Sciences Po), or program-organized courses in French language and art history. Housing options include home-stays with French hosts or a single room in a private student residence hall. Group activities include day trips in Provence, a weekend in another region, and cultural events in Aix. Students are encouraged to pursue volunteer opportunities and participate in local clubs and activities, and they receive assistance from permanent onsite staff in Aix.

Middlebury/Wellesley-in-Berlin (Germany)
Wellesley College’s Department of German sponsors a junior year abroad program at the Freie Universität in Berlin, hosted by Middlebury College. The program offers academic-year and spring-semester options that allow students in almost all majors to pursue their academic interests. A resident director and tutors assist students with integration into university life. The opportunity to participate in internships at various political, cultural, and social institutions is a feature of the program. Internship stipends are made available by the Susan Rappaport Knafel ’52 International Internship Fund, with an application through Career Education.

Wellesley-in-Bremen (Germany)
This English-taught program with a STEM focus is hosted by Jacobs University, Germany’s premier private institution. The fall semester pre-health track is led by a Wellesley College faculty member and includes opportunities for a clinical internship or lab experience as well as a course on European healthcare that includes field trips to other sites in Germany and Europe.

Wellesley-in-Akureyri (Iceland)
In Wellesley’s fall semester program at University of Akureyri in Northern Iceland, participants study a variety of subjects with courses taught in English, live in a vibrant and fun college town, and experience the stunning beauty of Iceland—including the northern lights. The program also includes a week at Skalanes Research Station in East Iceland.

Wellesley College–FLAME University Exchange (India)
Wellesley students may spend a semester or year at FLAME University, a private university in Pune, India. FLAME is the pioneer of liberal education in India, offering a variety of humanities and social science courses in English. FLAME’s innovative Discover India program enables students to work in multidisciplinary groups of 10 to 12 students to design and carry out a research project over the course of the fall semester, culminating in a 10-day self-designed study tour to a different region of India. Students participating in the spring semester exchange start with the study tour and participate in follow-up activities including written reports, documentaries, and a campus wide presentation.

ECCO: Eastern College Consortium Bologna (Italy)
Vassar College, Wellesley College, and Wesleyan University offer a study abroad program at the University of Bologna in Italy. The program is committed to the highest academic standards and to providing
opportunities for students to develop their knowledge of Italian language and culture in one of the oldest and most prestigious academic environments in Europe. Undergraduates wishing to study humanities, social sciences, and sciences may enroll for the fall or spring semesters or for the full academic year. Students who have at least an intermediate knowledge of Italian will be able to complete regular university courses at the University of Bologna, as well as courses in Italian language and culture offered by the program. The program accepts no more than 35 students per semester from the three consortial institutions and from other colleges and universities in the US. The first segment of the ECCO experience for the fall and yearlong students consists of a full-immersion language and culture program offered in Lecce during the month of August. The Lecce session is mandatory for students with fewer than four semesters of Italian, and optional, but highly recommended, for those with four semesters or more.

Wellesley/Middlebury in Tokyo (Japan) Wellesley has partnered with Middlebury to provide students with a fall semester linguistic and cultural immersion opportunity at International Christian University in the suburbs of Tokyo. Students take intensive Japanese language courses, a cultural portfolio course, a community engagement course, a four-week full-time internship at the end of the regular ICU semester, and earn credit by completing an independent study project overseen and evaluated by a Wellesley College faculty member.

PRESHCO: Programa de Estudios Hispánicos en Córdoba (Spain) This Wellesley-Smith program, founded in 1981, offers students an opportunity to strengthen their acquisition of the Spanish language while fostering an appreciation of Spanish history and culture through studies in a variety of disciplines. The PRESHCO program is designed not only for Spanish majors but for anyone wishing to develop fluency in Spanish for future professional endeavors. Academic study centers on courses taught by regular faculty from the Universidad de Córdoba, but developed to address the requirements of American universities and colleges; the program also offers direct matriculation at the Universidad de Córdoba. Course offerings are extensive, both in terms of PRESHCO courses and general university offerings, and range from the fine arts to environmental sciences and engineering, from comparative law and politics to seminars in literature and film. Students are housed with Spanish host families. A variety of planned excursions complements and enhances the program of study.

Graduate Institute of International Development Studies Joint BA/MA (Switzerland) Wellesley College and the Graduate Institute of International and Development Studies in Geneva have established a program for Wellesley students to earn both a Bachelor of Arts degree from Wellesley and a Master of Arts degree from the Graduate Institute in five years. The Geneva Institute has a longstanding reputation for its excellence in international affairs and development studies. Students have the opportunity to take advantage of the institute’s academic offerings while living in a city that is host to many international organizations, non-governmental organizations, and diplomatic missions that are working to address the most pressing global challenges.
Albright Institute for Global Affairs
The Albright Institute for Global Affairs recently completed its eighth successful year. In January 2017, 40 Albright Fellows participated in an intensive Wintersession program. During the summer of 2017, the Albright Fellows pursued internships around the globe. A combination of new and existing internship opportunities allowed the students to apply what they learned to their work in the field. The following donors have made endowed gifts to support the internships of Albright Fellows:

Anchor Point Internships in Global Leadership
These internships were established through the generosity of Amy Batchelor ’88 and Brad Feld. Wellesley College students undertake 10-week summer internships in programs that foster their connections to the global community and encourage their global leadership skills and activities. Anchor Point internship placements have been available in a number of countries, including Cabo Verde, Prague, and Turkey, for students from a variety of academic backgrounds. Internship sites have included a foundation dedicated to young women’s scientific and technological education, an organization helping those displaced by the crisis in Syria to rebuild their lives, and a local women’s NGO working to improve economic and social conditions. These diverse projects enable students to encounter the creative dynamism and humanity existing throughout the world.

The Mahnaz Ispahani Bartos ’79 Endowed Fund for Internships
This fund supports internships with preference for international students and students who help enhance the collaboration between the Albright Institute for Global Affairs and the Wellesley Centers for Women.

The Bernstein Endowed Internship Fund
This fund was established through the generosity of Paula Phillips Bernstein ’58 and provides summer internships for students who are Albright Institute for Global Affairs Fellows.

The Class of 1959 Endowed Fund for Internships
This fund provides internships for students who are Albright Institute for Global Affairs Fellows.

The Bernstein Endowed Internship Fund
This fund was established through the generosity of Paula Phillips Bernstein ’58 and provides summer internships for students who are Albright Institute for Global Affairs Fellows.

The Arthur Vining Davis Foundations Endowed Fund for Internships
This fund supports domestic internships for students who are Albright Institute for Global Affairs Fellows.

The Sandra Brown Eakins ’59 Endowed Fund for Internships
This fund is used to provide summer internships for students who are Albright Institute for Global Affairs Fellows.

The EFW Memorial Fund for Internships
This fund supports internships for students who are Albright Institute for Global Affairs Fellows, with a preference that recipients be American students who have not had a significant chance to travel and/or study abroad.

Amelia C. Fawcett ’78 Endowed Fund for Internships
This fund is used to provide international internships for students who are Albright Institute for Global Affairs Fellows.

The Beth Langerman Friedman ’82 Endowed Fund for Internships
This fund supports internships within the US, fulfilling the requirements laid out by the Albright Institute for Global Affairs.

The Sandra Polk Guthman Endowed Fund for Internships
This fund supports internships for students who are Albright Institute for Global Affairs Fellows.

The Maryam Homayoun-Eisler Endowed Fund for Internships
This fund supports internships for students who are Albright Institute for Global Affairs Fellows, with a preference for students participating in internships in arts and cultural organizations that foster cross-cultural understanding through the arts or organizations focused on the Middle East or Russia.

The Mary Sidell James ’65 Endowed Fund for Internships
This fund provides summer internships to students who are Albright Institute for Global Affairs Fellows, with a preference for international internships.

The Dorothy Chao Jenkins ’68 Endowed Fund for Internships
This fund provides summer internships to students who are Albright Institute for Global Affairs Fellows, with a preference for international internships.

The Susan Saltzbart Kilsby ’80 Endowed Fund for Internships
This fund provides summer internships for students who are Albright Institute for Global Affairs Fellows, with a preference for experiences outside the US.
The Emily Cohen MacFarquhar ’59 Internship for International Journalism Fund
This fund was established to encourage and support Wellesley College students who have demonstrated an interest in journalism or photojournalism. The stipend provides recipients with the opportunity to learn about journalism through an internship at an international news organization or to travel in order to document a foreign culture outside the US.

MasterCard Microfinance Internships
This fund supports Wellesley students working in nonprofit microfinance organizations all over the world. Interns are exposed to the process of connecting low-income individuals with capital and new business opportunities. Preference for these awards is given to students participating in the Albright Institute for Global Affairs.

The Lia Gelin Poorvu ’56 Internship Fund
This fund supports a domestic internship for an Albright Institute for Global Affairs Fellow during the summer.

Wellesley Career Education Internship Programs
Wellesley Career Education utilizes a hybrid cohort model for its internship programs, where students first engage on campus together in an orientation meeting and an array of workshops before embarking on placements that are diverse in both geographic location and industry exposure. Small numbers in each program cohort encourage high-level interaction and independently driven learning. Throughout the summer, students work asynchronously around a common theme through reflection activities, challenges, and self-assessments, and through both guided and informal discussions on The Wellesley Hive with one another, staff, and alumnae around the world.

The internship team stewards the relationships with host organizations to ensure consistent interaction and quality of experience, facilitating a wide range of unique experiences and easing the transition to the workplace. Relationships exist with partners across the US and in Africa, Asia, and Latin America.

American Cities Program
This program translates the Wellesley liberal arts education into action by providing interns with an intensive, career-related experience. Through identified placements in major metropolitan areas across the US, students are introduced to urban society and culture. Students join private, public, and nonprofit organizations, identifying alumnae mentors when possible. Through their internships, students become familiar with professional responsibilities, create networks for future employment, and learn the importance of cultivating relationships with diverse teams, all while exploring the cultural and contemporary significance of urban spaces in the US.

Biomedical Research and Health Internships
Developed to expose our pre-health students to professional research opportunities, this program provides an opportunity for students to learn skills related to healthcare research. The interns work with a mentor to conduct basic research in a laboratory or to contribute to the development of a research effort. The interns are expected to become familiar with the research approaches used by their mentors. At the mentor’s discretion, students may develop a specific project within the research team, have shadowing opportunities with a health professional, and interact with patients and their families through volunteer experiences.

Environmental Policy and Conservation Internships
Since its inception in 2014, this program has provided unique internship experiences within the US and, now, abroad. These internships immerse students in the interactions between society and the environment through experiences in fieldwork, policy making, research, conservation, and sustainability education. Interns develop critical thinking, problem framing, and problem-solving skills in response to the environmental issues championed by the host organizations.

Global Citizenship Program
Regardless of her country of origin, every Wellesley student should consider herself a citizen of the world. The world population is anticipated to rise to 8 billion people by 2025, with a majority of people living in emerging or developing countries in Asia and Africa. With this demographic shift, the importance of developing culturally competent leadership will be critical to the overall success of organizations and communities around the world. Through full-time, immersive placements with international partners, students in all majors gain exposure to a variety of cultures, languages, and organizational models; experience with different cross-cultural levels of interaction; recognition of their own ethical viewpoint and sensitivity as community members and emerging leaders in practical decision-making skills; and self-inquiry around cultural intelligence and dynamic competencies through both work and life experiences.

The Elisabeth Luce Moore ’24 Summer Internships in Asia
This program aims to prepare students for lives and careers in a globalized world. Through internships in East Asian business, government, and nonprofit organizations, students gain a knowledge of local business and cultural norms that informs their
liberal arts education and prepares them for professions in an interconnected world. The program, which has sponsored internships in China, Hong Kong, Japan, Taiwan, and South Korea, was established in 1999 with a grant from the Henry Luce Foundation and builds on ties between Wellesley College and Asia that date from the late nineteenth century.

Lumpkin Summer Institute for Service Learning
This institute helps Wellesley students build the foundation of skills necessary for future positions in the human services nonprofit sector, a field responsible for major economic, health, and education policy throughout the country. A program designated for rising juniors, student apply for summer internships at Boston-area nonprofits. In addition to working at their internship placement site, students come together once a week for a seminar to discuss the history, challenges, and future of the human services nonprofit sector. Student learning and achievement is captured through collaboratively created Tanner Conference proposals, and, if selected, presented to the Wellesley community the following fall. While students decide the theme or topic of their presentations, the focus is to identify and creatively address a programmatic or policy gap that impacted the work of their nonprofit.

Wellesley Career Education Grant Award Funds

The Paul B. Beal and Mona Phillips Beal Internship Fund
This fund has been established to encourage and facilitate practical learning experiences that will help Wellesley College students better define their career choices and develop a more informed understanding of the challenges and rewards of such choices. It is hoped that as a result of internship participation, students will make more effective course selections at both the undergraduate and graduate levels, learn more from those courses because of the perspective and experience they have acquired in their internship work, and become more competitive candidates for future opportunities in their chosen career paths.

Carolyn Shaw Bell Internship Fund
This fund encourages and supports sophomores and juniors seeking internship experience in business or economics. This program provides stipends for internships in nonprofit or for-profit organizations.

The Harold B. Black and Barbara J. Sherlock ’72 Pacific Rim Endowed Internship Fund
This fund supports student internships in and about the Pacific Ocean and Pacific Rim cities, islands, nations, and peoples. Preference is given to students receiving financial aid.

Blessing Way Summer Public Service Internship Fund
This grant supports a Wellesley College student committed to making a difference in her community. It is designed for a student who is interested in working with a nonprofit or public service organization and in building a long-term commitment to service. In addition, it supports students who show leadership potential in this area or through past service work. The intern’s project can focus on any important issue affecting a community, including youth, the environment, education, healthcare, or the arts.

Barbara Bush Award for Volunteerism
This grant funds a student pursuing a volunteer experience in disability services for the elderly or for young children. The placement must be with a nonprofit organization.

The Wei Fong Chu Chao Endowed Fund for International Internships
This fund supports Wellesley College students pursuing summer internship opportunities outside the US in for-profit and nonprofit organizations. Preference is given to internships in Asia.

Class of 1962 Student Internship Fund
This fund, part of the Women in Government awards, provides stipends for students pursuing a summer internship with a woman in a governmental position in the US at the local, state, or national level or in a local, state, or national setting for women in government.

Class of 1969 Community Service Internship Fund
This fund provides a summer stipend that supports student involvement in community service and encourages community service as a lifelong activity for Wellesley College women. Placement must be with a nonprofit community organization.

Class of 1989 Endowed Internship Fund
This fund supports one student every summer to experiment in her career choice and gain valuable work experience in either a nonprofit or for-profit organization.

Fogarty Summer Internship Gift
This fund supports a student to work as a head educator, deckhand, and mate aboard SoundWaters, an 80-foot, three-masted schooner docked in Stamford, Connecticut. This “floating classroom” program offers a multidisciplinary environmental curriculum for children and adults in Westchester, Nassau, and Suffolk counties in New York, and in Fairfield County, Connecticut. Educators live and teach aboard SoundWaters.

Margaret C. Gordon Law and Education Public Service Award
This fund supports a Wellesley College student committed to serving disadvantaged communities through an unpaid summer internship in public-interest law and/or in an urban public-school reform or support program. The grant enables a student to take an unpaid internship to learn more about
the legal and educational issues surrounding underserved urban communities.

**Susan Todd Horton 1910 Internship Fund**
This fund supports Wellesley College students interested in seeking summer internships in nonprofit and for-profit organizations.

**Sherley Heidenberg Koteen ’40 Endowed Internship Fund for Jewish Studies**
This fund provides support for either international or domestic internships that encourage students to examine the many facets of Jewish civilization through interdisciplinary study of Jewish religion, history, philosophy, art, literature, social and political institutions, and cultural patterns. Faculty in the Jewish Studies program review applications. This fund also supports a placement with the Contemporary Jewish Museum each year.

**Marian H. Littleford Endowed Internship Fund**
During this Wellesley College internship, students at The Vieques Conservation and Historical Trust (VCHT) help advance the organization’s mission of promoting environmental stewardship and community activism. Vieques Island, twenty-one miles long and five miles wide, is located ten miles off the eastern shore of Puerto Rico’s main island. The VCHT works to protect and preserve local natural resources, including the most abundant bioluminescent bay in the world. Interns contribute to the implementation of several educational and research programs. This program is offered every summer and in alternating years for Wintersession.

**The Mollie Green Lumpkin ’25 Fund for Experiential Learning in Latin America**
This fund supports Wellesley College students seeking summer internships in Spanish-speaking countries in Latin America. Preference will be given to students interested in working in environmental protection and preservation.

**The Lumpkin Family Internships for the Environment Fund**
This fund encourages and supports Wellesley College students seeking summer internships in nonprofit organizations dedicated to preserving and protecting the environment.

**MasterCard Microfinance Internships**
This fund supports Wellesley students working in nonprofit microfinance organizations all over the world. Interns are exposed to the process of connecting low-income individuals with capital and new business opportunities.

**The O’Meara Family Student Internship Fund**
This fund, part of the Women in Government awards, supports a Wellesley College student committed to making a difference in her state and/or local community by working directly with a woman involved in any aspect of state or local government in the US. The stipend enables the student to take an unpaid internship and learn more about state or local government and the important role that women play in the governmental process.

**Elizabeth S. Pforzheimer ’59 Fund for Humanities Summer Internships**
Created to celebrate the value of humanities fields, this fund supports internships for two students each summer. The spirit of the award is a commitment to developing one’s individual talents, creativity, and self-exploration, allowing humanities majors to explore a wide variety of opportunities where they can translate their liberal arts education into practice.

**The Barbara Scott Preiskel ’45 Endowed Fund for Internships**
This fund supports a student seeking an internship to develop her career goals. It provides a stipend for any internship that is unpaid, full-time, and consistent with the applicant’s career interests. The internship may be with a nonprofit, for-profit, or public service organization in the US.

**Public Service Internship Fund**
This fund encourages and enables Wellesley College students to use their talents and skills in public service. Each summer, it supports students working full-time in nonprofit
organizations that otherwise could not employ them. Priority is given to applicants whose work relates to young children and their families, particularly those who are economically or otherwise disadvantaged.

Raquet Family Foundation
The Raquet Family Foundation supports students pursuing internships within the US.

Beth K. Smith Internship in Public Service
This award provides students the opportunity to experience work in the nonprofit sector, with the hope that they will continue in this field. In addition, it supports two placements with Social Accountability International in New York City.

The Helen Wallace Health Sciences Internship Fund
This fund supports an unpaid summer career development internship in a health profession, with preference given to those interested in the field of maternal and child health.

The Ted Wang Endowed Fund for Economics and Asia
Established in 2015 through a joint gift by the namesake donor and Lulu Chow Wang ’66 (no relation), this fund supports students interested in pursuing internships where they can gain exposure to the intersections of business, economics, and/or finance in East Asia.

Wellesley Serves!
The Wellesley College motto, Non Ministrari sed Ministrare, underscores Wellesley’s commitment to community service. Wellesley Career Education translates the motto into action by providing opportunities for direct service to others, and enables students and alumnae to foster community and embrace diversity through lifelong learning, community involvement, civic engagement, and global citizenship.

The Wellesley College Internship Grant Program
Established through the ongoing support of several alumnae and their families, this program provides funds to students working with domestic and international organizations. Awards are given to those demonstrating how they will apply their academic experiences at Wellesley in furthering the goals of those organizations, as well as their own career plans.

Oprah Winfrey Award for Volunteerism
This award provides a summer stipend for a student wishing to explore a volunteer position with a nonprofit social service organization. The award honors the important connection between Oprah Winfrey’s speech at the commencement of the class of 1997 and the Wellesley College motto, Non Ministrari sed Ministrare. Each year, this award enables a student to follow Ms. Winfrey’s example of service.

The Davis Museum and Cultural Center

The Kathryn Wasserman Davis ’28 Endowed Fund for International Internships
This endowed fund supports Wellesley students pursuing international internships. This fund also provides grant supplementation to those students with demonstrated financial need.

Wellesley Internships in Europe
Established in 2009, the Wellesley Internships in Europe program provides an intensive, career-related internship in a student’s field of interest. Among the available internships are opportunities with The Peggy Guggenheim Collection in Venice, Italy; the Stiftung Frauenkirche in Dresden, Germany; and the globally recognized Universidad Internacional Menéndez Pelayo in Santander, Spain. The Kathryn Wasserman Davis ’28 International Internships makes internship stipends available for these placements.

Office of the Provost and Dean of the College

Department of English and Writing Program

Department of English and Writing Program Summer Internships
This fund supports several summer internships with organizations involved in activities related to publishing, literary research, and journalism (or other media involving writing). The department of English and writing program run the program collaboratively,
and financial support is jointly provided with Wellesley Career Education.

**Department of French**

Michèle Respaut French House Fellows Program
This program funds students pursuing internships in a francophone country, in the field of their choice. The program is open to junior-year French majors who have completed a year or a semester of study in France through the Wellesley-in-Aix program. Priority will be given to students who have spent the entire year in France.

**Department of German**

Wellesley Internships in Berlin
Wellesley College’s department of German sponsors a junior year abroad program at the Freie Universität in Berlin, hosted by Middlebury College. The opportunity to participate in internships at various political, cultural, and social institutions is a feature of the program. Internship stipends are made available by the Kathryn Wasserman Davis ’28 International Internships.

**Peace and Justice Studies**

The Class of 1950 Emily Greene Balch Internship Award
This fund supports one or more students conducting a summer project that analyzes the ways injustice is linked to conflict. It encourages the study of the relationships among peace, justice, and social change. The project must include both analytical and experiential components. The Wellesley Class of 1950 funds the program.

**Department of Political Science**

Washington Internship Program
This program provides an opportunity for a funded summer internship in Washington, DC. Students can seek placements from among the wide array of government offices, public-interest groups, media and cultural institutions, scientific and medical institutes, and research groups in Washington. Eighteen to 20 interns—who must be in their junior year—are selected without regard to academic major. Each intern is provided a stipend and housing. In addition to the internship placement, the 10-week program involves weekly seminars and a mentor program with the Wellesley Club of Washington. Wellesley College’s department of political science has run this program since 1943. The program is supported through the following endowed funds: Bertha S. Adkins ’28 Washington Internship Fund, Washington Summer Internship Fund in Memory of Marguerite Stitt Church ’14, Alona Evans Scholarship Fund for the Washington Internship Program, Sherley Heidenberg Koteen ’40 Washington Internship Fund, Anne Livingstone Williamson Quackenbos ’41 Memorial Fund, Laurence S. Rockefeller Fund, Ruth Goldman Schapiro ’47 Washington Internship Fund, and Washington Internship Anniversary Fund.

**Department of Psychology**

Summer Internships in Psychology
This program was developed to give students the opportunity to gain highly valuable clinical experience that helps them make informed career choices. Working in a community-based agency sensitizes the students to issues of cultural diversity and poverty, increasing their understanding of the bio-psycho-social model of mental disorders. Thus, the interns develop a deeper appreciation of the complex interface between genetic makeup, psychological coping strategies, and the larger sociocultural forces determining how individuals negotiate the vicissitudes of life. The program is run by the department of psychology, and Wellesley Career Education provides financial support.

**Psychology Practicum Program**
This program allows students to gain hands-on experience in the field of psychology and to acquire course credit through their participation in unpaid internships. All participants have an advisor in the psychology department who oversees their internship work through scheduled meetings. The program is run by the department of psychology, and the Office of the Provost provides financial support.

**Department of Religion**

Severinghaus Summer Internship Program in Ministry/Human Services in Memory of Emmavail Luce Severinghaus ’22
This program supports students who wish to pursue internships in ministry or undertake the study of religion and/or the role of religion in society. Students may engage in hands-on work or research through positions with humanitarian or social action agencies, charitable or religious organizations, or policy-based institutes. Applications are reviewed by a department of religion committee.

**Department of Russian Studies**

Wellesley in Russia
Introduced in 2015, the Wellesley in Russia program provides a fast-paced, immersive experience living and working in Moscow, a unique culture influenced by both Europe and Asia. Students are exposed to Russian society, business, and international relations through nongovernmental organizations in philanthropy and policy research. Internship stipends are made available by the Kathryn Wasserman Davis ’28 International Internships with an application through Wellesley Career Education.

**Wellesley Centers for Women**

Through dynamic internships at the Wellesley Centers for Women (WCW), Wellesley College students help drive social change.
through research and action programs that
put women’s perspectives and experiences
at the center of the inquiry. Work at WCW
addresses three major areas: the social and
economic status of women and girls and the
advancement of their human rights in the
US and around the globe; the education,
care, and development of children and youth;
and the emotional well-being of families
and individuals.

**Department of Women’s and
Gender Studies**

The Department of Women’s and Gender
Studies offers a stipend to support one
summer internship directly involving gender
and social change. Applicants must secure
their own internship, which may be anywhere
in the world.
Fellowship Programs

For Wellesley College Graduating Seniors

Jacqueline Krieger Klein ’53 Fellowship in Jewish Studies
This award encourages graduating seniors to pursue further education in the field of Jewish studies. Application information is available from Professor Frances Malino, department of Jewish studies and history.

Susan Rappaport Knafel ’52 Scholarship for Foreign Study
This scholarship is awarded to a member of the graduating class who displays a desire for learning and an ability to impart knowledge to others. The scholarship will fund a year of study at a foreign institution to pursue a specific subject that requires contact with foreign scholars, libraries, or other resources.

Susan Rappaport Knafel ’52 Traveling Fellowship
This fellowship is awarded to a member of the graduating class who displays an interest in and an acceptance of others, and who displays the ethos of a Wellesley College education. The fellowship will fund a year of purposeful international travel to explore a particular interest, with the requirement that the recipient not remain in the same area for more than two months.

Trustee Scholarship
This scholarship is awarded on a competitive basis to graduating seniors who are applying to graduate school. To be considered a candidate, a senior must apply for a Trustee Scholarship or for any of the Wellesley College fellowships for graduate study. The title “Trustee Scholar” is honorary.

For Wellesley College Graduating Seniors and Alumnae

Anne Louise Barrett Fellowship
This fellowship supports graduate study or research, preferably in music, with an emphasis on study or research in musical theory, composition, or the history of music internationally or in the US.

Margaret Freeman Bowers Fellowship
This memorial fellowship supports a first year of study in the fields of social work, law, public policy, or public administration, including MBA candidates planning a career in the field of social services.

Eugene L. Cox Fellowship
This fellowship supports graduate study in medieval or Renaissance history and culture, internationally or in the US.

Professor Elizabeth F. Fisher Fellowship
This fellowship supports research or further study in geology or geography, including urban, environmental, or ecological studies. Preference is given to applicants in the fields of geology and geography.

Ruth Ingersoll Goldmark Fellowship
This fellowship supports graduate study in English literature or composition or in the classics.

Horton-Hallowell Fellowship
This fellowship supports graduate study in any field, preferably for the last two years of candidacy for the Ph.D. degree or its equivalent, or for private research of an equivalent standard.

Peggy Howard Fellowship in Economics
This fellowship provides financial aid for Wellesley College students or alumnae continuing their study of economics. The economics faculty administers this fellowship and may name one or two recipients, depending on the funding available.

Edna V. Moffett Fellowship
This fellowship is for a young alumna, preferably for a first year of graduate study in history.

Alice Freeman Palmer Fellowship
This fellowship supports study or research internationally or in the US. The holder must be no more than 26 years old at the time of her appointment and must remain unmarried throughout her tenure.

Kathryn Conway Preyer Fellowship
This fellowship supports advanced study in history.

Vida Dutton Scudder Fellowship
This fellowship supports study or research in the fields of literature, political science, or social science.

Harriet A. Shaw Fellowship
This fellowship supports study or research in music, art, or allied subjects in the US or internationally. Preference is given to music candidates; undergraduate work in the history of art is required of other candidates.

Mary Elvira Stevens Traveling Fellowship
This fellowship supports a student taking up to a year to travel or study outside the US to benefit from the knowledge and understanding of a global education. Any scholarly, artistic, or cultural purpose may
be considered. Except under unusual and compelling circumstances, the committee in recent years has not chosen to fund formal graduate study or Ph.D. dissertation research. Candidates must be at least 25 years old in the year they apply.

Maria Opasnov Tyler ’52 Scholarship in Russian Studies
This scholarship is for graduate study in Russian studies.

Sarah Perry Wood Medical Fellowship
This fellowship supports the study of medicine at an accredited medical school approved by the American Medical Association.

Fanny Bullock Workman Fellowship
This fellowship supports graduate study in any field.

Elisabeth Luce Moore ’24 Wellesley-Yenching Fellowship Program
These fellowships are open to graduating seniors and alumnae in all majors. Chinese language proficiency is required only for the fellowship at the National Palace Museum in Taipei, Taiwan.

Wellesley-Yenching Graduate Fellowship at the National Palace Museum, Taipei, Taiwan
Approximately one-half of the work in this fellowship is with the National Palace Museum Secretariat, where the recipient writes, translates, and revises English documents for various departments. The other half of the fellow’s work is with one of the museum’s other departments.

For Women Who Are Graduates of Any American Institution

Mary McEwen Schimke Scholarship
This scholarship provides a supplemental award to a candidate who is at least 30 years old and currently engaged in graduate study in literature and/or history. Preference is given to those who major in American studies.

M.A. Cartland Shackford Medical Fellowship
This fellowship is intended for a candidate studying medicine with a view to general practice, not psychiatry.

Wellesley-Yenching Graduate Fellowship at Chung Chi College, Hong Kong
In this fellowship, time may be divided between helping to organize and promote English-language activities at Chung Chi College and serving as a teaching or research assistant for an academic department.

Wellesley-Yenching Graduate Fellowships at Ginling College, Nanjing, China
In this fellowship, recipients teach four or five university-level English courses per semester, with office hours as needed.
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Nisreen S. Abo-Sido ’18
Victoria I. Angelova ’18
Faith Arimoro ’17
Abena Asare ’18
Lauren N. Bazley ’18
Tiffany Chung ’17
Alexis Crayton ’17
Shivani A. Dayal ’18
Ciaran Gallagher ’17
Arela Haluci ’18
Siena H. Harlin ’18
Amanda B. Hernandez ’18
Christina Holman ’17
Ayeona A. Hopkins ’18
Lamisa Hossain ’17
Julide E. Iye ’18
Basma R. Jaber ’18
Catherine Johnson ’17
Selma B. Khalil ’18
Julie Kim ’17
Stephanie S. Kim ’18
Amanda Kraley ’17
Kethural L. Manokaran ’18
Jennifer Mou ’18
Alondra Navarro ’18
Fani Ntavelou-Baum ’17
Lillian C. Odekirk ’18
Zilpa A. Oduor ’18
Heather Orta-Olmo ’17
Yuanzhen Pan ’18
Christina Phelps ’17
Mehak K. Sarang ’18
Rebecca Taylor ’17
Shreya Thatai ’17
Azalea Troche ’18
Tanvee Varma ’18
Farida Virani ’18
Noa A. Weinstein ’18
Linda W. Zhou ’18
Amina Ziad ’17
WELLESLEY COLLEGE SUPPORTED INTERNSHIP RECIPIENTS 2017

Career Education Global Engagement Internship Programs

American Cities Internship Program
Nicole E. Anderson ’18, Low Vision Center, Bethesda, MD
Daniela P. Aspiazu ’19, National Endowment for the Humanities, Washington, DC
Emily K. Bader ’18, The Contemporary Jewish Museum, San Francisco, CA
Subha Baniya ’19, YMCA Central Bay Area, Berkeley, CA
Zohal E. Barsi ’19, YMCA Central Bay Area, Berkeley, CA
Breslin S. Bell ’18, Robert Blackburn Printmaking Studio, New York, NY
Madeleine H. Collins ’18, Social Accountability International, New York, NY
Elinor R. R. Higgins ’18, Rush University Medical Center, Chicago, IL
Vipasana Karkee ’19, Women’s Foundation of California, Oakland, CA
Melise M. Knowles ’18, Women’s Foundation of California, Oakland, CA
Debra Rowcroft ’19, Social Accountability International, New York, NY
Clare Salerno ’19, The Field Museum, Chicago, IL
Arielle C. Schoen ’19, Legal Momentum—National Judicial Education Program, New York, NY
Rachael S. Schwartz ’18, Observatorio Instituto Cervantes, Harvard University, Cambridge, MA
Gabrielle R. Taylor ’18, EMILY’s List, Washington, DC
Anna M. Thompson ’18, Eastern Market Corporation, Detroit, MI
Yuhan (Abby) Wu ’19, Office of Alameda County Supervisor Wilma Chan, Oakland, CA

Biomedical Research and Health Internships
Duong T. Doan ’19, Boston Children’s Hospital, Boston, MA
Paige A. Hauke ’19, Boston Children’s Hospital, Boston, MA
Lumi Kinjo ’19, Tufts Medical Center—Department of Dermatology, Boston, MA
Sarah S. Moinuddeen ’19, Boston Children’s Hospital, Boston, MA
Charlotte R. Reed ’19, Brigham and Women’s Hospital—Department of Obstetrics and Gynecology, Boston, MA
Hope C. Schneider ’18, Boston Children’s Hospital, Boston, MA
Mayla C. Thompson ’19, Boston Children’s Hospital, Boston, MA
Cindy Y. Zhou ’20, Brigham and Women’s Hospital—Division of Rheumatology, Immunology and Allergy, Boston, MA

Environmental Policy and Conservation Internships
Kiara D. Benac ’18, Department of the Interior, Office of Environmental Policy and Compliance, Washington, DC
Zoe W. Borghard ’18, The Vieques Conservation and Historical Trust, Vieques, Puerto Rico
Ariana Carter ’18, Coastal Conservation League, Charleston, SC
Isobel A. Rounovski ’19, Office of Massachusetts State Representative Denise Provost, Boston, MA
Sarah M. Smith-Tripp ’19, Alberta Parks Ecology Department, Banff National Park, Alberta, Canada
Lucy A. Wanzer ’19, The Vieques Conservation and Historical Trust, Vieques, Puerto Rico

Global Citizenship Program
Aida L. A. Abou-Zamzam ’19, Operation ASHA, Phnom Penh, Cambodia
Malak Alsayyad ’19, Center for Cross-Cultural Learning, Rabat, Morocco
Alexandra Beem ’18, Roots of Health, Puerto Princesa, Palawan, Philippines; The Partnership for Health in Vietnam, Hanoi, Vietnam
Adeline H. Du Crest ’19, Center for Cross-Cultural Learning, Rabat, Morocco
Caroline R. George ’19, Operation ASHA, New Delhi, India
Darlene Harsono ’19, Sisters of the Holy Cross Convent, Mungod, India
Daniela Kreimerman ’19, Fundación Poder Ciudadano, Buenos Aires, Argentina
Emma M. Magee ’19, Asociación de Parálisis Cerebral y Otras Afecciones Similares (ACPACYS), Córdoba, Spain
Zoe A. Matticks ’18, Roots of Health, Puerto Princesa, Palawan, Philippines; The Partnership for Health in Vietnam, Hanoi, Vietnam
Monica M. Naranjo DS’18, Programa de las Naciones Unidas para el Desarrollo, San Jose, Costa Rica
Bridget A. Peak ’19, Parinaam Foundation, Bengaluru, India
Silvia E. Pera ’18, EState Liberi, Italy
Lianet Rosado ’19, Observer Research Foundation, Mumbai, India
Laura C. Scanlon ’19, Aga Khan Educational Services (AKES), Mumbai, India
Amelia Tam ’18, Fundación Poder Ciudadano, Buenos Aires, Argentina
Madeline C. Taylor, Stiftung Frauenkirche Dresden, Germany
Hema Venkata ’19, Operation ASHA, New Delhi, India
Liah L. Watt ’19, The School of St. Jude, Arusha, Tanzania
Naomi L. Whitney-Hirschmann ’19, Entwicklungs-politisches Netzwerk, Dresden, Germany
Rebecca A. Winterich-Knox ’18, The Peggy Guggenheim Collection, Venice, Italy

The Elisabeth Luce Moore ’24 Internships in Asia Program
Nathalie D. Bolduc ’19, Asian Rural Institute, Nasushiobara, Tochigi-ken, Japan
Emma S. Duncan ’19, Tokyo English Life Life (TELL), Tokyo, Japan
Si Ru (Cissy) Hao ’19, Rogers Investment Advisors, Tokyo, Japan
Molly Hoyer ’18, Asian Rural Institute, Nasushiobara, Tochigi-ken, Japan
Anna C. Hunter ’19, ABC News Beijing, Beijing, China
So Jin Ki ’19, Haja Production School, Seoul, South Korea
Mayu M. Kikuchi ’18, Hong Kong Monetary Authority, Hong Kong
Jiwon Lee ’19, Haja Production School, Seoul, South Korea
Xinyi (Sophie) Li ’19, Rogers Investment Advisors, Tokyo, Japan
Hope E. Parker ’18, City Weekend, Beijing, China
Sabrina A. Ruiz ’18, Kiyosato Educational Experiment Project (KEEP), Yamanashi, Japan
Vanessa E. Willoughby ’18, Elite Scholar of China, Beijing, China
Xiangyi (Christine) Yang ’19, China Market Research Group, Shanghai, China

Lumpkin Summer Institute for Service Learning
Sianna D. Casey ’19, Renewal House, Boston, MA
Catherine H. Gooding ’19, Economic Mobility Pathways, Boston, MA
Hawah M. Kallon ’19, Action for Boston Community Development, Boston, MA
Hayley A. Liebenow ’19, The Dimock Center, Boston, MA
Rebecca T. Leu ’19, Primary Care Progress, Cambridge, MA
Christina A. Okezie ’19, St. Stephen’s B-SAFE Program, Boston, MA
Julia P. Renfroe ’19, Medical Legal Partnership, Boston, MA
Esa Tilija ’19, Boston Community Capital, Boston, MA
Madeline R. Wood ’19, Irish International Immigrant Center, Boston, MA
Michelle A. L. Yu ’19, Boston Area Rape Crisis Center, Boston, MA

Sitara A. Zoberi ’19, Boston Area Rape Crisis Center, Boston, MA

Albright Institute for Global Affairs Supporting Internship Funds
Anchor Point Internships in Global Leadership
Cecilia Barreto ’20, University of Cabo Verde, Praia, Cabo Verde
Aisha Lovise Maud Borneo ’17, Lobkowicz Palace, Prague, Czech Republic
Shivani Dayal ’18, Sisters of the Holy Cross Convent, Mainalli, India
Kanika Gupta ’19, Shrarama Chandra Bhanj Medical College, Cuttack and Meerut, India
Kate Hansen ’19, University of Cabo Verde, Praia, Cabo Verde
Maria-Alejandra Jaramillo CE/DS, Catalytic Communities, Rio de Janeiro, Brazil
Amanda Kraley ’17, Alexander von Humboldt Institute for Internet and Society, Berlin, Germany
Brianna Love ’19, University of Cabo Verde, Praia, Cabo Verde
Jessica Santero ’17, Lobkowicz Palace, Prague, Czech Republic
Rebecca Taylor ’17, Sisters of the Holy Cross Convent, Mainalli, India

Mahnaz Isphani Bartos ’79 Endowed Internship Fund
Faith Arimoro ’17, Women’s Consortium of Nigeria, Lagos, Nigeria
Alondra Navarro ’18, Volunteers Peru, Arequipa, Peru

Bernstein Endowed Internship Fund
Julide Iye ’18, SGDD-ASAM (Association for Solidarity with Asylum Seekers and Migrants), Istanbul, Turkey

Class of 1959 Endowed Fund for Internships
Nisreen Abo-Sido ’18, Azuero Earth Project, Pedasi, Panama

Arthur Vining Davis Internship Fund
Alexis Crayton ’17, New Avenues to Independence, Cleveland, OH

The Kathryn Wasserman Davis ’28 International Research and Development Fund for Students for International Internships
Ayeona Hopkins ’18, Nuqat, Kuwait City, Kuwait
Selma Khalil ’18, Nuqat, Kuwait City, Kuwait
Sabrina Leung ’18, Savantas Policy Institute, Hong Kong
Jennifer Mou ’18, City Weekend Newspaper, Beijing, China
Amina Ziad ’17, Clinique Medico-Chirurgicale Boukerrou, Constantine, Algeria

The Sandra Brown Eakins ’59 Endowed Fund for Internships
Amanda Hernandez ’18, The Nature Conservancy, Brisbane, Australia
Zilpa Oduor ’18, Institute of Policy Analysis and Research (IPAR)-Rwanda, Kigali, Rwanda

The EFW Memorial Endowed Fund for Internships
Ciaran Gallagher ’17, MONLAR (Movement for Land and Agricultural Reform), Colombo, Sri Lanka

The Maryam Homayoun-Eisler Endowed Fund for Internships
Lauren Bazley ’18, LM Village, Andravida, Greece

Sandra Polk Guthman ’65 Endowed Fund for Internships
Siena Harlin ’18, MIT GOV/LAB, Mérida, Yucatán, Mexico
Stephanie Kim ’18, Sonja Kill Memorial Hospital, Kampot, Cambodia

Amelia C. Fawcett ’78 Endowed Fund for Internships
Arela Haluci ’18, United Nations Foundation, Kampot, Cambodia

Beth Langerman Friedman ’82 Endowed Fund for Internships
Basma Jaber ’18, National Democratic Institute, Washington, DC
Mary Sidell James ’65 Endowed Fund for Internships
Christina Phelps ’17, Mamelodi Initiative, Pretoria, South Africa

Dorothy Chao Jenkins ’68
Heather Orta-Olmo ’17, LM Village, Andravida, Greece

The Emily Cohen MacFarquhar ’59 Internship for International Journalism Fund
Maya Nandakumar ’19, Individual Research, Florence, Assisi, and Rome, Italy

The Lia Gelin Poorvu ’56 Endowed Fund for Internships
Sabrina Leung ’18, Savantas Policy Institute, Hong Kong

Wellesley Career Education Grant Award Funds

The Paul B. Beal and Mona Phillips Beal Internship Fund
Esther A. W. Miller ’18, Massachusetts Department of Elementary and Secondary Education, Boston, MA

Carolyn Shaw Bell Fund
Shaina J. Ma ’18, Bates White, LLC, Washington, DC

The Harold B. Black and Barbara J. Sherlock ’72 Pacific Rim Endowed Internship Fund
Alexandra Beem ’18, Roots of Health, Puerto Princesa, Palawan, Philippines; The Partnership for Health in Vietnam, Hanoi, Vietnam

Blessing Way Summer Public Service Fund of 1993
Christy Bae ’19, WhiteBox, New York, NY
Chloé A. Kolbet ’18, Jewish Vocational Services, Boston, MA

Barbara Bush Award for Volunteerism
Anna R. Kennedy ’17, Executive Office of Elder Affairs, Boston, MA
Denesee Salto ’17, Fundación Síndrome de Down de Madrid, Madrid, Spain
Sumaya A. Sheikh ’18, Healthy Androscoggin, Lewiston, ME

The Wei Fong Chu Chao Endowed Fund for International Internships
Jennifer Cho ’18, Korea Institute of Science and Technology (KIST), Seoul, South Korea
Anne C. Kim ’19, Korea Institute of Science and Technology (KIST), Seoul, South Korea
Emily Liao ’19, Korea Institute of Science and Technology (KIST), Seoul, South Korea
Caiqin Zhou ’19, i-Select HR Consultancy, Beijing, China

Class of 1962 Student Internship Fund
Gabriella L. Vesey ’19, Office of Congresswoman Katherine Clark, Washington, DC

Class of 1969 Community Service Internship Fund
Megan I. Abraca ’19, The Rutherford Institute, Charlottesville, VA
Cassidy E. Jemo ’17, Gedakina, Amherst, MA

Class of 1989 Endowed Internship Fund
Yona E. Levin ’18, Laura Dail Literary Agency, New York, NY

Audrey Freeman ’51 Endowed Fund for Students in Economics
Keertana Anandraj ’18, Federal Communications Commission, Washington, DC

Fogarty Summer Internship Gift
Zoe W. Borghard ’18, The Vieques Conservation and Historical Trust, Vieques, Puerto Rico

Margaret C. Gordon Law and Education Public Service Award
Caitlin R. McCarey ’17, US Attorney’s Office, District of Delaware, Wilmington, DE
Zichun (Michelle) Wang ’18, Rubin and Ulrich, LLC, Newton, MA

Susan Todd Horton 1910 Internship Fund
Francesca M. Korte ’18, Duke University Department of Medicine, Division of Nephrology, Durham, NC
Katherine L. Wang ’19, Harvard Legal Services Center, Jamaica Plain, MA
Chelsea A. Gell ’18, Peabody Essex Museum, Peabody, MA
Julia U. Deere ’18, The Rockefeller University, Laboratory of Neural Systems, New York, NY

The Lois Juliber ’71 Global Internship MasterCard Fund
Aida L. A. Abou-Zamzam ’19, Operation ASHA, Phnom Penh, Cambodia
Caroline R. George ’19, Operation ASHA, New Delhi, India
Darlene Harsono ’19, Sisters of the Holy Cross Convent, Mainaili, India
Bridget A. Peak ’19, Parinaam Foundation, Bengaluru, India
Lianet Rosado ’19, Observer Research Foundation, Mumbai, India
Laura C. Scanlon ’19, Aga Khan Educational Services (AKES), Mumbai, India
Hema Venkata ’19, Operation ASHA, New Delhi, India

Joan Freed Kahn ’51 Bequest for Public Service Internships
Nicole E. Anderson ’18, Low Vision Center, Bethesda, MD
Layla K Anderson-Washington ’18, The Walker School, Needham, MA
Daniela P. Aspiazu ’19, National Endowment for the Humanities, Washington, DC
Emily K. Bader ’18, The Contemporary Jewish Museum, San Francisco, CA
Subha Baniya ’19, YMCA Central Bay Area, Berkeley, CA
Zohal E. Barsi ’19, YMCA Central Bay Area, Berkeley, CA
Breslin S. Bell ’18, Robert Blackburn Printmaking Studio, New York, NY
Marissa M. Bennett ’19, Alternatives for Communities and Environment, Boston, MA
Grace K. Bernard ’18, RefugeeOne, Chicago, IL
Mieke A. Bovbjerg ’19, The Plummer Home, Salem, MA
Duong T. Doan ’19, Boston Children’s Hospital, Boston, MA
Jacquelyn E. Floyd ’19, The Walker School, Needham, MA
Paige A. Hauke ’19, Boston Children’s Hospital, Boston, MA
Elinor R. R. Higgins ’18, Rush University Medical Center, Chicago, IL
Vipasana Karkee ’19, Women’s Foundation of California, Oakland, CA
Lumi Kinjo ’19, Tufts Medical Center–Department of Dermatology, Boston, MA
Antran (Annie) Li ’18, Boston Children’s Hospital, Boston, MA
Ixchel I. Lopez ’19, Mexican American Legal Defense and Education Fund, Los Angeles, CA
Sarah S. Moinuddeen ’19, Boston Children’s Hospital, Boston, MA
Samantha Muller ’19, The Walker School, Needham, MA
Inga N. Piotrowska ’20, The Walker School, Needham, MA
Charlotte R. Reed ’19, Brigham and Women’s Hospital–Department of Obstetrics and Gynecology, Boston, MA
Lauren A. Rondestvedt ’18, The Walker School, Needham, MA
Debra Rowcroft ’19, Social Accountability International, New York, NY
Clare Salerno ’19, The Field Museum, Chicago, IL
Hope C. Schneider ’18, Boston Children’s Hospital, Boston, MA
Arielle C. Schoen ’19, Legal Momentum–National Judicial Education Program, New York, NY
Rachael S. Schwartz ’18, Instituto Cervantes Observatorio, Harvard University, Cambridge, MA
Gabrielle R. Taylor ’18, EMILY’s List, Washington DC
Anna M. Thompson ’18, Eastern Market Corporation, Detroit, MI
Mayla C. Thompson ’19, Boston Children’s Hospital, Boston, MA
Lucia Tu ’19, Riverside Community Care, Newton, MA
Hyun-Soo (Grace) Woo ’20, Citizens’ Alliance for North Korean Human Rights, Seoul, South Korea
Yuhan (Abby) Wu ’19, Office of Alameda County Supervisor Wilma Chan, Oakland, CA
Cindy Y. Zhou ’20, Brigham and Women’s Hospital–Division of Rheumatology, Immunology and Allergy, Boston, MA

Kilsby South Africa Internship Gift
Malak Alsayyad ’19, Center for Cross-Cultural Learning, Rabat, Morocco
Adeline H. Du Crest ’19, Center for Cross-Cultural Learning, Rabat, Morocco
Rhoda K. Tano-Menka ’19, Cape Town Immunology Lab, Cape Town South Africa
Liah L. Watt ’19, The School of St. Jude, Arusha, Tanzania

Susan Rappaport Knafel ’52 Internship Fund
Sumurye K. Awani ’18, MovingAds, Accra, Ghana
Aida El Kohen ’19, PricewaterhouseCoopers, Paris, France
Juyon Lee ’18, Haegue Yang Studio, Berlin, Germany
Zoe A. Matticks ’18, Roots of Health, Puerto Princesa, Palawan, Philippines; The Partnership for Health in Vietnam, Hanoi, Vietnam
Ashley M. Peng ’19, China International Capital Corporation, Hong Kong
Bozena H. Scheidel ’18, MOSAIC LGBT Youth Centre, London, England
Anne Z. Schnitzer ’18, Liechtenstein Institute for Strategic Development, Berlin, Germany
Ciara Wardlow ’19, London Film Academy, London, England

Sherley Heidenberg
Koteen ’40 Endowed Internship Fund for Jewish Studies
Emily K. Bader ’18, The Contemporary Jewish Museum, San Francisco, CA
Samantha L. Lanevi ’18, Leo Baeck Institute, New York, NY
Diane Schrenzel ’20, Diarna, Boston, MA
Laurel Stickney ’20, Diarna, Boston, MA

Marian H. Littleford Endowed Internship Fund
Lucy A. Wanzer ’19, The Vieques Conservation and Historical Trust, Vieques, Puerto Rico

The Mollie Green Lumpkin ’25 Fund for Experiential Learning in Latin America
Daniela Kreimerman ’19, Fundación Poder Ciudadano, Buenos Aires, Argentina
Monica M. Naranjo DS’18, Programa de las Naciones Unidas para el Desarrollo, San Jose, Costa Rica
Amelia Tam ’18, Fundación Poder Ciudadano, Buenos Aires, Argentina

Lumpkin Family Internships for the Environment Fund
Amaya V. Allen ’18, Department of Biological Sciences, Wellesley College, Wellesley, MA
Kiara D. Benac ’18, Department of the Interior, Office of Environmental Policy and Compliance, Washington, DC
Ariana Carter ’18, Coastal Conservation League, Charleston, SC
Isobel A. Rounovski ’19, Office of Massachusetts State Representative Denise Provost, Boston, MA
Sarah M. Smith-Tripp ’19, Alberta Parks Ecology Department, Banff National Park, Alberta, Canada

The O’Meara Family Student Internship Fund
Malinda Crowley ’19, US Department of Labor, Women’s Bureau, Washington, DC
Riann K. Tang ’19, Office of Massachusetts State Senator Cynthia Stone Creem, Boston, MA
The Barbara Scott Preiskel ’45
Endowed Fund for Internships
Marissa C. Beyette ’19, Kneerim and Williams
Literary Agency, Boston, MA
Carlyn E. Lindstrom ’17, Maven Pictures,
New York, NY

Elizabeth S. Pforzheimer ’59 Fund for
Humanities Summer Internships
Kathleen E. Harrigan ’19, Frederick
Law Olmstead National Historic Site,
Brookline, MA
Alondra (Lark) A. Serna ’18, Photographer
Carlos Jiménez Cahua, New York, NY

Public Service Internship Fund
Surisadi Aquit ’18, Cambridge Health Alliance–
Windsor Clinic, Cambridge, MA
Olivia A. Lafferty ’18, Rady Children’s Hospital,
San Diego, CA
Isabelle A. Nettere ’18, Lawyer’s Committee for
Civil Rights Under Law, Washington, DC

Raquet Family Foundation
Kyiah Ashton ’19, Killer Films, New York, NY
Annalee J. Beaulieu ’18, Vermont Attorney
General’s Office, Montpelier, VT
Alison N. Draikiwicz ’18, Harvard Legal
Services Center, Jamaica Plain, MA
Michelle Lu ’18, Color Force, West
Hollywood, CA
Laura C. Maclay ’18, Department of Justice,
Public Integrity Section, Washington, DC
Natalia D. Marques ’19, Legal Services for
Prisoners with Children, San Francisco, CA
Jenna I. Mulrenan ’18, Massachusetts
Democratic Party, Boston, MA
Maryam Mustafa ’18, Asian American LEAD,
Washington, DC
Faith E. Rankin ’19, The Grassroots Project,
Washington, DC
Isaac J. Zerkle ’18, Second State Press,
Philadelphia, PA

Beth K. Smith Internship in
Public Service
Subha Baniya ’19, YMCA Central Bay Area,
Berkeley, CA
Zohal E. Barsi ’19, YMCA Central Bay Area,
Berkeley, CA
Madelena H. Collins ’18, Social Accountability
International, New York, NY
Emma D. Gellman ’19, Ellerby Laboratory,
Department of Biological Sciences, Wellesley
College, Wellesley, MA
Vipasana Karkee ’19, Women’s Foundation of
California, Oakland, CA
Melise M. Knowles ’18, Women’s Foundation of
California, Oakland, CA
Fiona Lau ’19, Wapponi Productions, Kuala
Lumpur, Malaysia
Lydia R. Mackay ’19, Irish International
Immigrant Center, Boston, MA
Debra Rowcroft ’19, Social Accountability
International, New York, NY
Alexandra R. Saueressig ’19, Minneapolis Office
of Senator Amy Klobuchar, Minneapolis, MN

The Helen Wallace Health Sciences
Internship Fund
Rachel E. Hale ’18, Edward M. Kennedy
Community Health Center, Worcester, MA

The Ted Wang Endowed Fund for
Economics and Asia
Shannon N. Kearney ’18, Japan-America
Society, Washington, DC

The Wellesley College Internship Grant Program
Alexandra V. Boles ’19, Sandra Day O’Connor
Institute, Phoenix, AZ
Tashay R. K. Campbell ’18, New York County
District Attorney’s Office, New York, NY
Lena P. Engbretson ’19, Office of
Congresswoman Suzanne Bonamici,
Washington, DC
Andrea L. H. Ferreira ’18, DOCOMOMO,
Lisbon, Portugal
Grace M. Gilberg ’19, Brookings Institute,
Washington, DC
Jaekyung Ha ’18, Codi-M (Codify Medicine),
Seoul, South Korea
Jasmine A. Kaduthodil ’18, McLean Hospital,
Belmont, MA
Ilina S. Mitra ’18, Institute of International
Finance, Asia Pacific Department,
Washington, DC

Emily N. Moss ’19, New Economy Project,
New York, NY
Daniela Ondraskova ’18, US House Committee
for Foreign Affairs, Washington DC
Jessica L. Ostfeld ’20, Fred Hutchinson Cancer
Research Center, Seattle, WA
Sloane G. G. Rice ’18, US Department of
Commerce, Boston, MA
Elissa B. Schmiel ’19, Minnesota Institute of
Art, Minnesota, MN
Laura E. Sheets ’19, US Department of State,
Washington, DC
Madeline R. Warshaw ’18, Isabella Stewart
Gardner Museum, Boston, MA
Michelle A. L. Yu ’19, Boston Area Rape Crisis
Center, Boston, MA

Oprah Winfrey Award for Volunteerism
Prapti Koirala ’19, Massachusetts General
Hospital, Boston, MA
Isabella Narváez ’17, Seed Kit with The
Exploratory, Accra, Ghana
Alexa Riobueno-Naylor ’18, Multiservice Eating
Disorder Association, Boston, MA

Davis Museum Summer Internship Program
(Internships took place on the Wellesley
College Campus unless noted otherwise.)

Curatorial Intern
Kate Davies ’19, Majors: Art History and
English, Hometown: Andover, MA

Curatorial Intern
Melina Mardueno ’18, Major: Art History,
Minor: Studio Art, Hometowns: Montebello,
CA/ Ontario, CA

Curatorial Intern
Jordan Mason Mayfield ’18, Major: Art History,
Hometowns: Philadelphia, PA/Charlotte, NC

Collections Management Intern
Isabelle Raposo ’19, Majors: English and
Classics, Hometown: Chatham, NY
Digital Marketing and Administration Intern
Remi Kobayashi ’19, Major: Psychology, Minor: Computer Science, Hometowns: Yokohama, Japan/Shanghai, China
Grace Owen ’19, Major: Media Arts and Sciences, Hometown: Livonia, MI

Education Intern
Lisa Jenkins, ’17, Major: Psychology, Hometown: Madison, NJ

Internship Coordinator
Feliz Smith ’17, Major: Psychology, Minor: Economics, Hometown: Houston, TX

Eleanor P. DeLorme Museum Intern
Ningyi Xi ’17, Former Curatorial Intern in 2015, Majors: Art History and Classical Civilization, Hometown: Hangzhou, China

Department of Art
2016 Grace Slack McNeil Student Internships, New England Arts and Architecture Program
Kealani Finegan ’19, Ayer Mansion, Boston, MA
Irene Galanreau ’19, Frederick Law Olmsted National Historic Site, Brookline, MA
Grace Hellstrom ’18, Historic New England, Boston and Haverhill, MA
Katherine Hobart ’20, Cambridge Historical Society, Cambridge MA
Heike Jacob ’17, Jamaica Plain Neighborhood Development Corp., Boston, MA
Brianna Love ’19, Jamaica Plain Neighborhood Development Corp., Boston, MA

Department of English and Writing Program
Grace Ballenger ’17, Slate, Washington, DC
Marissa C. Beyette ’19, Kneerim and Williams Literary Agency, Boston, MA
Samantha M. English ’19, W. W. Norton and Co., New York, NY
Carlyn E. Lindstrom ’17, Maven Pictures, New York, NY
Tiffani S. Ren ’19, W. W. Norton and Co., New York, NY


Office of the Provost and Dean of the College
The Kathryn Wasserman Davis ’28 Endowed Fund for International Internships
Amelia M. Alvarez ’17, Universidad Internacional Menéndez y Pelayo (UIMP), Santander, Spain
Alexandra Beem ’18, Roots of Health, Puerto Princesa, Palawan, Philippines; The Partnership for Health in Vietnam, Hanoi, Vietnam
Heankel Y. Cantu Oliveros ’18, Université Laval, Quebec, Canada
Cassandra A. Cronin ’19, ElState Liberis, Italy
Darlene Harsono ’19, Sisters of the Holy Cross Convent, Mungod, India
Rosamond E. Herling ’18, Andrei Bely Memorial Apartment, Moscow, Russia
Daniela Kreimerman ’19, Fundación Poder Ciudadano, Buenos Aires, Argentina
Eunsaem (Alice) Lee ’18, Red Lighter Films, Berlin, Germany
Emma M. Magee ’19, Asociación de Parálisis Cerebral y Otras Afecciones Similares (ACPACYS), Córdoba, Spain
Zoe A. Matticks ’18, Roots of Health, Puerto Princesa, Palawan, Philippines; The Partnership for Health in Vietnam, Hanoi, Vietnam
Monica M. Naranjo ’18, Programa de las Naciones Unidas para el Desarrollo, San José, Costa Rica
Silvia E. Pera ’18, ElState Liberis, Italy
Lianer Rosado ’19, Observer Research Foundation, Mumbai, India
Laura C. Scanlon ’19, Aga Khan Educational Services (AKES), Mumbai, India
Katherine I. Schauer ’18, Department of State, US Embassy, Paris, France
Temantimandze L. Shongwe ’20, World Vision International, Mbabane, Swaziland

Amelia Tam ’18, Fundación Poder Ciudadano, Buenos Aires, Argentina
Madeline C. Taylor, Stiftung Frauenkirche Dresden, Germany
Liah L. Watt ’19, The School of St. Jude, Arusha, Tanzania
Naomi L. Whitney-Hirschmann ’19, Entwicklungspolitisches Netzwerk, Dresden, Germany
Rebecca A. Winterich-Knox ’18, The Peggy Guggenheim Collection, Venice, Italy
Catherine J. Woodhouse ’18, Department of State, US Embassy, London, England

Department of French
Michèle Respaut French House Fellows Program
Elizabeth Taft ’18, American Library in Paris, Paris France

Peace and Justice Studies Program
The Class of 1950 Emily Greene Balch Internship Award
Soumaya Difallah ’20, Decolonizing Architecture Art Residency, Bethlehem, Palestine

Department of Political Science
Wellesley in Washington Internship Program
Emily J. Boyk ’18, Helping Individual Prostitutes Survive (HIPS), Washington, DC
Ivana Costro ’18, Embassy of Mexico, Washington, DC
Rosemary Dodd ’18, All Souls DC Unitarian, Washington, DC
Georgiana Du ’18, WETA (Washington’s PBS Station), Washington, DC
Emerson Goldstein ’18, Public Broadcasting System (PBS), Washington, DC
Abigail E. Howard ’18, Office of Senator Jeanne Shaheen, Washington, DC
Sonia A. Hupalo DS, New Economy Coalition in partnership with Clean Energy Works, Washington, DC
Colleen S. Larkin ’18, National Archives, Washington, DC
Sarah K. Legried ’18, National Abortion Federation, Washington, DC
Anju Madhok ’18, The Sanctuaries, Washington, DC
Sarah M. McBride ’18, Environmental Defense Fund, Washington, DC
Eliza D. McNair ’18, Library of Congress, Washington, DC
Kit Mitchell ’18, National Council for Adoption, Washington, DC
Lauren I. Mostrom ’18, Human Rights Campaign, Washington, DC
Raeesa Rane ’18, Inter-American Development Bank (IADB), Washington, DC
Heng (Amber) Qin ’18, Woodrow Wilson Center for International Scholars and National Bureau for Asian Research, Washington, DC
Leah F. Schwartz ’18, The World Bank, Washington, DC
Jessica Shin ’18, Judge Ann O’Regan Keary ’71, Superior Court of the District of Columbia, Washington, DC
Sydney Stewart ’18, National Urban League, Washington, DC
Linda W. Zhou ’18, US Trade and Development Agency (East Asia Division), Washington, DC

Department of Psychology

Summer Internships in Psychology
Layla K Anderson-Washington ’18, The Walker School, Needham, MA
Jacquelyn E. Floyd ’19, The Walker School, Needham, MA
Samantha Muller ’19, The Walker School, Needham, MA
Inga N. Piotrowska ’20, The Walker School, Needham, MA
Lauren A. Rondestvedt ’18, The Walker School, Needham, MA
Chelsea L. Roston ’19, The Walker School, Needham, MA
Lucia Tu ’19, Riverside Community Care, Newton, MA

Department of Religion

Emmavail Luce Severinghaus ’22
Summer Internship Program in Ministry/Human Services
Fatoumata Bah ’18, Islamic Cultural Center of New York, New York, NY
Christine H. Kang ’20, Seed of Hope Language Center, Tbilisi, Georgia

Department of Russian

Wellesley in Russia
Rosamond E. Herling ’18, Andrei Bely Memorial Apartment, Moscow, Russia

Science Center Programs

The Buegeleisen Family MS
Undergraduate Research Fellowship
Matilde Borio’19, MIT Department of Biological Engineering, Cambridge, MA
Wellesley-CHOP Research Scholarship in Child Neurology
Gauri Gadkari ’18, Children’s Hospital of Philadelphia, Philadelphia, PA
Trustee Award
Aisha Lovise Maud Bornoe ’17, United Kingdom
Dania Maray Figueroa ’17, United States
Eileen Wynne Rivera ’17, United States
Gwendolyn Towers ’17, United States

Anne Louise Barrett Fellowship
Pallas Catenella Riedler ’17, United States

Margaret Freeman Bowers Fellowship
Diana Zwang ’17, United States

Eugene L. Cox Fellowship
Adele Marie Watkins ’17, United States

Professor Elizabeth F. Fisher Fellowship
Kathleen Kuo Chen ’17, United States

Ruth Intersoll Goldmark Fellowship
Elizabeth Joy Wright ’13, United States

Horton-Hallowell Fellowship
Emily Catherine Arauz ’16, Turkey
Mihaela Vladimirova Georgieva ’11, United States
Dana Louise Ostrander ’10, United States
Brianna White ’15, United States

Peggy Howard Fellowship in Economics
Michelle S. Lam ’14, United States
Ljubica Ristovska ’13, United States

Jacqueline Krieger Klein ’52 Fellowship in Jewish Studies
Naomi S. Smith ’17, Israel

Edna V. Moffett Fellowship
Amy Lynne Johnson ’17, United States
Zi Wei Alice Liao ’15, United States

Alice Freeman Palmer Fellowship
Wangui Kamonji ’13, United States

Kathryn Conway Preyer Fellowship
Catherine Ware Ferrari ’01, United States

Vida Dutton Scudder Fellowship
Karen MacKenzie Scott ’13, United States

M.A. Cartland Shackford Medical Fellowship
Katherine Davina Tran ’15, United States

Harriet A. Shaw Fellowship
Angela May Yian Sun ’17, United States

Sarah Perry Wood Medical Fellowship
Sebiha Mohammed Abdullahi ’15, United States

Fanny Bullock Workman Fellowship
Liyang Sun ’14, United States

Susan Rappaport Knafel ’52 Scholarship for Foreign Study
Fani Ntavelou-Baoum ’17, United Kingdom

Susan Rappaport Knafel ’52 Traveling Fellowship
Amanda L. Kraley ’17, France, Japan, Norway, South Africa, South Korea, United Kingdom

Mary Elvira Stevens Traveling Fellowship
Eleanor Bastian ’06, Aruba, China, Germany, Morocco, Norway
Laura Schlosberg ’09, Italy

Elisabeth Luce Moore ’24 Wellesley-Yenching Fellowship
Catherine Mary Johnson ’17, Wellesley-Yenching Fellow at Ginling College, China
Sarah Higgins Koenig ’17, Wellesley-Yenching Graduate Fellow at Ginling College, China
Christina Y. Ma ’17, Wellesley-Yenching Graduate Fellow at Chung Chi College, China
Emma Karen Stelter ’16, Wellesley-Yenching Fellow at Ginling College, China
Cordelia Zhong ’17, Wellesley-Yenching Graduate Fellow at the National Palace Museum, Taiwan
Aker Scholarship
Aisha Lovise Maud Bornoe ’17, United Kingdom

Beinecke Scholarship
Serenity Davina Hughes ’18, United States

Chinese Government Scholarship
Berit Paxson-Tarnai ’15, China

Critical Language Scholarship
Aathira Jayachandran Chennat ’17, Morocco
Zoe Swarzenski ’17, Russia

Kathryn Wasserman Davis 100 Projects for Peace Award
Belyse Inamahoro ’19, Burundi

Fulbright US Student Program
Lizamaria Arias ’17, English Teaching Assistantship to Taiwan
Wenbo Bai ’16, English Teaching Assistantship to Taiwan
Isabelle Anderson Chen ’17, English Teaching Assistantship to France
Chitti Hemant Desai ’17, Research Grant to Norway
Ioana Economos ’17, English Teaching Assistantship to Greece
Isabelle Li Shen St. Clair ’17, English Teaching Assistantship to Taiwan
Anne His-An Shen ’17, Research Grant to Tbilisi, Georgia
Megumi Emily Takada ’17, English Teaching Assistantship to South Korea
Isabel Yu ’17, English Teaching Assistantship to South Korea

Future Global Leaders Fellowship
Sandra Amponsah Ohemeng ’20, United States

Fannie and John Hertz Foundation Fellowship
Alyssa Ferris ’16, United States

Japanese Exchange and Teaching Programme
Leslie Olivia Smith ’17, Japan

Mellon Mays Undergraduate Fellowship
Ni’Shele Nicole Jackson ’19, United States
Kindred Obas ’19, United States
Aya Ross ’19, United States
Morinade Jayla Stevenson ’19, United States

National Science Foundation Graduate Research Fellowship
Emily Ahn ’16, United States
Mika Fujita Asaba ’14, United States
Kirsten N. Blancato ’15, United States
Su Lin Wang Blodgett ’15, United States
Medeea Claudia Popescu ’17, United States
Connie Abril Rojas ’14, United States
Hailey Nicole Scofield ’13, United States
Ellen Margaret Willis-Norton ’12, United States

Teaching Assistant Program in France
Catherine Lenora Puga ’17, France

Thomas J. Watson Fellowship
Amal Waqar Cheema ’17, Germany, India, Kashmir, Malaysia, Singapore, United Kingdom
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