Deans’ Forum on Global Engagement
Developing a Community of Excellence
March 26–27, 2014
Harriet Mayor Fulbright currently serves as chairman of GC Global Learning, is president of the J. William and Harriet Fulbright Center, and honorary president of Harriet Fulbright College. She is the widow of U.S. Senator J. William Fulbright and the former executive director of the President’s Committee on the Arts and Humanities under President Bill Clinton. Fulbright has also served as chairman of the International Child Art Foundation, president of the Center for Arts in the Basic Curriculum, executive secretary of the National Gallery of Art’s 16th International Congress of the History of Art, assistant director of the Alliance of Independent Colleges of Art, and assistant director of the Congressional Arts Caucus. She was the unofficial ambassador for the 50th anniversary celebration of the Fulbright Program where she delivered more than 35 speeches in 15 countries and 18 cities around the U.S.

Schedule

8:30 Opening and welcome by Dean Richard Benson, College of Engineering

8:45 Special Recognition of President Charles Steger

8:55 Video

Fulbright Scholar Presentations

9:15 Travels to Nepal as Fulbright Specialist: Experiential Education for Faculty by John Galbraith, Crop and Soil Environmental Sciences


9:35 The Development of Corporate Social Responsibility in Japan by Richard Wokutch, Management

9:45 Break

10:00 Introduction: Lindsey Rich, Fulbright Student Scholar, Fish and Wildlife Conservation

10:20 Featured Speaker Harriet Fulbright

Fulbright Panel Q&A

Janine Hiller, John Galbraith, Richard Wokutch, Ann Marie Stock, College of William and Mary, Nicole Faut, College of Liberal Arts and Human Sciences Alumni, Michael Aguayo, Industrial Systems Engineering
Schedule

11:00 ■ Global Trends Panels

■ HEALTH Squires Room 342
How can we improve health outcomes in the developing world?
Moderator: Renee Selberg-Eaton, Human Nutrition, Foods, and Exercise
Andre Muelenaer, School of Biomedical Engineering and Sciences; Penelope Muelenaer, Population Health Sciences; Christopher McLaughlin, Carilion School of Medicine; Robert Fathke, Virginia-Maryland Regional College of Veterinary Medicine

■ EDUCATION Squires Brush Mountain A
How can an international focus foster 21st century skills in students?
Moderator: Robert Siegle, Center for 21st Century Studies
Mike Ellerbrock, Agriculture and Applied Economics; Aaron Goldstein, Chemical Engineering; Robert Siegle, Center for 21st Century Studies; Kumar Mallikarjunan, Biological Systems Engineering; Cynthia Wood, Animal and Poultry Sciences

■ SCIENCE AND TECHNOLOGY Squires Room 345
How have the methods of information exchange changed our world?
Moderator: Lindy Cranwell, Civil and Environmental Engineering
Thomas Sanchez, School of Public and International Affairs; Jane Wemhoener, English; Philip Young, University Libraries; Tom Ewing, College of Liberal Arts and Human Sciences

■ INSTITUTIONAL COLLABORATION Squires Room 341
How does study abroad change the learner’s world perspective?
Moderator: Marc Lucht, Philosophy
Patrick Trail, Crop and Soil Environmental Sciences; Abdallah Abdallah, Computer Engineering; Sherin Aly, Computer Engineering; Nejjar Sawsene, Sociology; Nada Berrada, Management

12:00 ■ SOCIAL CHANGE Squires Room 236
How do we research, share, and learn from violent narratives?
Moderator: Debra Stoudt, Foreign Languages and Literatures
Tea Ivanovic, International Studies; Nicholas Copeland, Sociology; Stephen Perkins, Wildlife Science; Suchitra Samanta, Sociology

■ GLOBAL COMMUNITY Squires Room 300
How does service learning foster sense of community, civic engagement, and personal responsibility?
Moderator: Ozzie Abaye, Crop and Soil Environmental Sciences
Corinna Clements, Applied Economic Management; Valerie Ragan, Virginia-Maryland Regional College of Veterinary Medicine; Josiah Tlou, School of Education; Wendy Gentry, Curriculum and Instruction; Mary Alice Barksdale, School of Education

Global Tastes Luncheon and Poster Session Owens Banquet Hall
See list of posters on page 6.

1:30 ■ Presentations
See next page.
<table>
<thead>
<tr>
<th>TIME</th>
<th>SESSION</th>
<th>SPEAKER(S)</th>
<th>TOPIC</th>
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</thead>
<tbody>
<tr>
<td>1:30</td>
<td>SOCIAL CHANGE</td>
<td>Valerie Ragan, Nicole Sanderlin</td>
<td>Building Bridges to Social Change by Valerie Ragan, Nicole Sanderlin</td>
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<td>SCIENCE &amp; TECHNOLOGY</td>
<td>Jennifer Carter</td>
<td>Building Bridges to Social Change by Jennifer Carter</td>
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<td>3:30</td>
<td>EDUCATION</td>
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<td>4:00</td>
<td>HEALTH</td>
<td>Jennifer Carter</td>
<td>Building Bridges to Social Change by Jennifer Carter</td>
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</tbody>
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*Session Chair: Valerie Ragan, Nicole Sanderlin*
Photographic Exhibits

Throughout the day, please take a moment to visit the photographic exhibits in Squires Student Center or Owens Banquet Hall. Following are descriptions of these stunning visual displays of the university’s engagement work around the globe.

*Bringing the North to Virginia Tech through Teaching Enhancement and Course Development: Natural and Cultural Landscapes of Arctic and Subarctic Canada* — Lynn Resler, Geography

*Travel as Design Inquiry: Architectural Explorations of Germany, Austria, and the Czech Republic* — Elizabeth Grant, School of Architecture and Design

*Center for Leadership in Global Sustainability Global Engagement* — Michael Mortimer, Center for Leadership in Global Sustainability

*Low Cost, High Impact Public Health Projects in Africa* — Penelope Muelenaer, Population Health Sciences, Virginia Tech Carilion School of Medicine; Andre Muelenaer, School of Biomedical Engineering and Science, Virginia Tech Carilion School of Medicine; Kerry Redican, Population Health Sciences

*VT Peace Corps Master’s International Volunteers Engage “Ut Prosim” Globally* — Rachel Kennedy, OIRE; Max Stephenson and Wilma Dunaway, School of Public and International Affairs

*ALS 3954: Heifer Honduras Study Abroad* — Mark Sumner, Agriculture and Life Sciences

*Scandinavia Study Abroad* — Barbara Hoopes, Business Information Technology

*Profiles and Perspectives: The Story of Argentina’s Agricultural Industry* — Megan Siebel, Bradley Burbraugh, Agriculture and Extension Education

*Co-learning in Malaysia* — Kathy Hosig, Population Health Sciences

*Viewing the World: An Altered Perception* — Marilyn Casto, School of Visual Arts

*Women and Gender in International Development* — Maria Christie Elisa, Emily Van Houweling, Mary Parks, Daniel Sumner, Sarah Jonson, Cassandra Carver, Women and Gender in International Development, Office of International Research, Education, and Development

*Veterinary Medicine in Tamil Nadu, India* — Kaitlin Jacobs, Virginia-Maryland Regional College of Veterinary Medicine

*Jerusalem: A City of Peace, Coexistence, and Confrontation* — Joel Peters, School of Public and International Affairs

*Service Learning in Senegal: A First Year Experience in the College of Agriculture and Life Sciences* — Cynthia Wood, Animal and Poultry Sciences; Morgan Altizer, Environmental Science; Keil Lycke, Animal and Poultry Sciences; Katlyn Smith, Animal and Poultry Sciences; Ozzie Abaye, Crop and Soil Environmental Science, Matth Eick, Crop and Soil Environmental Science; Renee Selberg-Eaton, Human Nutrition, Foods, and Exercise


*The Development of LISA 2020 as Seen Through Photos* — Eric Vance and Tonya Pruitt, LISA

*Interviews with Vietnamese Mothers: Using the Health Belief Model to Understand Food Security, Nutrition Education, and Feeding Behaviors* — Lauren Kennedy, Human Nutrition, Foods, and Exercise

*VT-MENA: Novel Experiment of Building a Community of Excellence* — Mohammed Seyam and Sherin Aly, Computer Science

*Chichén Itzá and the Contextual Mean* — James Bassett, School of Architecture and Design

*The Built World as a Cultural Reflection* — Edward Coe, Presidential Global Scholars

*Nothing Replaces the Lived Experience* — Paola Zellner, School of Architecture and Design

*Greening the Grounds of the U.S. Mission to the United Nations in Geneva, Switzerland* — Terry Clements, School of Architecture and Design
Design Study Along a Transect through Western Europe: Interdisciplinary Education Abroad Program, Summer I Since 1999 — Terry Clements, School of Architecture and Design

Designing Empowerment — Akshay Sharma, School of Architecture and Design

Earthquake Recovery in Savanette, Haiti — Jack Davis, College or Architecture and Urban Studies

Service Learning in Belize Benefits School — Jack Davis, College or Architecture and Urban Studies

Portable Laboratory on Uncommon Ground — Jack Davis, College or Architecture and Urban Studies

Playground for the Primary School of Vernon — Jack Davis, College or Architecture and Urban Studies

International Professional Continuing Education Seminars — Jack Davis, College or Architecture and Urban Studies

Synecdoche: 20 Images from London Calling 2012 and 2013 — Susan Piedmont-Palladino, School of Architecture and Design

Indonesia in 2013: More Modern and More Western Characteristics — Irene Leech, Apparel, Housing, and Resource Management

Monitoring and Conserving Carnivore Communities Across Northern Botswana — Lindsey Rich, Fisheries and Wildlife Conservation

Photographic Exhibits continued

Posters

Posters are on display from 12:00–1:30 during the Global Tastes Luncheon in Owens Banquet Hall

Despite Borders – How Kanere Free Press Produces Civil Society — Michele Deramo, ASPECT/Diversity and Inclusion

Graduate Level Course in Biomedical Engineering for Global Health — Lissett Bickford, Biomedical Engineering; Andre Muelenaer, Carilion School of Medicine

Diploma Program at the Catholic University of South Sudan (CUofSS) — Pavli Mykerezi, Agriculture Technology

Rebuilding the Brazilian Rainforest — John Browder, School of Public and International Affairs; Randolph Wynne, Forestry; Marcos Pedlowski, Universidade Norte Fluminense

Mobile Medicine for Mobile Communities (MM4MC) — Andrew Jung, Electrical Engineering, Andre Muelenaer, School of Biomedical Engineering and Sciences

INSPIRE™ – Saving Lives Through Accurate Determination of Respiratory Rates — Andre Muelenaer, School of Biomedical Engineering and Sciences and Carilion School of Medicine

Virginia Tech Graduate Certificates for Advancing Global Learning, Discovery, and Engagement — Courtney Kimmel, Center for Leadership in Global Sustainability, Ralph Hall, UAP, Rosemary Blieszner, Graduate School, Betty Watts, OIRED

Yunnan Sustainability Network: Building Capacity for Sustainable Development in Yunnan Province, China through Learning, Discovery, and Engagement — Michael Mortimer, Courtney Kimmel, David Robertson, Center for Leadership in Global Sustainability

Multicultural Design Projects Enhance Students’ Professional Preparation — Kathy Parrott, Eunju Hwang, Apparel, Housing, and Resource Management
Posters continued

Veterinary Capacity Building in Post-Conflict Liberia — Robert Fathke, Virginia-Maryland Regional College of Veterinary Medicine

Using Agricultural Research Plots in Senegal to Reinforce Student Learning — Patrick Trail, Ozzie Abaye, Fatou Gueye, Crop and Soil Environmental Sciences

Global Age-Friendly Communities Initiative — Eunju Hwang, Julia Beamish, Apparel, Housing, and Resource Management; Karen Roberto, Institute for Society, Culture, and Environment; Nancy Brossoie, Rosemary Bliezner, Center for Gerontology

innovATE: Advancing Food Security by Improving Agricultural Education and Training — Tom Hammett, OIRED; Edin Ferreira, Sustainable Biomaterials

Social Solidarity and Wellbeing After Critical Incidents: An International Comparison — James Hawdon, John Ryan, Jose Torres, Sociology

Displacement and Identity in Sri Lanka: Collaborating across Borders for Research and Teaching Exchanges — Katrina Powell, English

Integrated Pest Management Innovation Lab Capacity-Building Through Long + Short-Term Training — Muni Muniappan, OIRED

Pediatric Electronic Device for Emergency Resuscitation (PED-ER?) — Okmin Pyon, Mechanical Engineering; Zane Giffen, Carilion School of Medicine

Global Perspectives on Rewarding Teaching Excellence — Angela Anderson, Human Nutrition; Justin Shanks, Science and Technology Studies; Karen DePauw, Graduate School

Controlling Soilborne Pathogens Using Trichoderma: The Integrated Pest Management Innovation Lab’s Work in Bangladesh, India, and Indonesia — Amer Fayad, OIRED


Co-learning in Malaysia — Kathy Hosig, Population Health Sciences

The Invasive Weed Parthenium Hysterophorus and its Management in Eastern Africa — Muni Muniappan

‘Consul Not Dead; Squadron on Way’: Communication Technology and United States–Ottoman Relations in Beirut, 1903 — Tom Ewing, College of Liberal Arts and Human Sciences

Epidemics in World History — Tom Ewing, College of Liberal Arts and Human Sciences

Gender, Emotions, and Power in Stalinist Education — Tom Ewing, College of Liberal Arts and Human Sciences

The Scholarship of Study Abroad Programs: Engaging Students Through International Experiences — Anupa Sharma, Mary Marchant, Eric Vance, Chaoping Xie, William Richardson, Food and Agriculture Education System

Engaging Gendered Dimensions of International Development — Maria Elisa Christie, Emily Van Houweling, Mary Parks, Daniel Sumner, Sarah Jonson, Cassandra Carver, Women and Gender in International Development, OIRED

Life After the PhD: Graduate Career Landscapes in Europe and the U.S. — Catharine Cowan, Biomedical and Veterinary Sciences; Justin Shanks, Science and Technology Studies, Karen DePauw, the Graduate School

Human and Institutional Capacity Building at the Feed the Future Sustainable Agriculture and Natural Resources Innovation Lab (SANREM) — Jennifer Himmelstein, Julia Katz, Adrian Ares, OIRED

Engineering Solutions in a Low-Resource Environment: The “Tose Pump” — William Burks, Andre Muelenaer, Ashley Taylor, Al Wicks, Carilion School of Medicine

Revamped Curricula and Improved Academic Capacity: Impossible to Possible and From Can’t Do to Yes We Can — Ozzie Abaye, Crop and Soil Environmental Science; Patrick Guilbaud, OIRED

Outreach: “Sharing Knowledge to Serve Senegal” — Ozzie Abaye, Crop and Soil Environmental Science; Patrick Guilbaud, OIRED

Transformative Experiences Through Study Abroad: 25 Years of Reflection — Rachel Kennedy, Agriculture and Extension Education

Beyond the Demand Responsive Approach: Clues About Rural Water Sustainability in Mozambique — Emily Van Houweling, OIRED

Service Learning in Senegal: A First Year Experience in the College of Agriculture and Life Sciences – The Projects — Cynthia Wood, Cassella Slater, Renee Selberg-Eaton, Animal and Poultry Science; Cheyenne Cline, Agribusiness; Paige Macauley, Aubrey Stephenson, Daniel Vanden Hoek, Human Nutrition, Foods, and Exercise; Ozzie Abaye, Crop and Soil Environmental Science

Friends of Israel: Connecting Virginia Tech Students to Israel — Morgan Witten, International Studies

Building Global Networks of Quality Assurance and Accountability in Higher Education — David Kiola and Steven Culver, Office of Assessment and Evaluation

Bioregulatory and Scientific Aspects of Agricultural Biotechnology: A Scientific Exchange with China — Elizabeth Grabau, Plant Pathology, Physiology, and Weed Science; Eric Hallerman, Fish and Wildlife Conservation

Global Health Promotion Programming in Sub Sahara Africa — Kerry Redican, Kathy Hosig, Susan Marmagas, Abbas Kaja, Francois Elvinger, Population Health Sciences; Patricia Kelly, Josiah Tlou, John Burton, School of Education

A Conservation Agriculture Production System Program for the Central Plateau of Haiti — Wade Thomason, Steven Hodges, Crop and Soil Environmental Science

Estimating the Potential Impact of Various Agricultural Extension Inventions on Household Nutrition in the Greenbelt Region of South Sudan — Emma Flemming, Wade Thomason, Crop and Soil Environmental Science

Soil Carbon Dioxide Flux from Traditional and Conservation Agriculture Practices in Kenya — Catherine Fleming, Wade Thomason, Thomas Thompson, Crop and Soil Environmental Science; Michael Mulvaney, OIRED

Forest Conservation in the Peruvian Amazon — Sarah Daman, Natural Resources Conservation

Piano Manufacture: The Science of Art — Caroline Richards, University Honors, College of Liberal Arts and Human Sciences

Becoming a 21st Century Faculty Member and The Global Perspectives Program at Virginia Tech: A Case Study — Nicole Johnson, School of Education

The Plants That Eat Ugali: Understanding Parasitic Plants from Molecular Mechanisms to International Outreach — Kristen Clermont, Gunjune Kim, Eva Collakova, James Westwood, Plant Pathology

Physician Retention in Rural Eastern Uganda — Julia Selfridge, Mengyang Liu, Priya Srihari, Joseph Pechacek, Elizabeth England, Sanghee Suh, Eric Kim, Carilion School of Medicine

Limited Supplies and Resources in Rural Eastern Uganda — Joseph Pechacek, Priya Srihari, Julia Selfridge, Mengyang Liu, Elizabeth England, Sanghee Suh, Eric Kim, Carilion School of Medicine

Changing Perspectives — Heinrich Schnoedt, Architecture and Urban Studies

Mapping Seasonal Fire Activity in Eastern Zambia Using Landsat Data — Lonesome Malambo, Conrad Heatwole, Biological Systems Engineering

Challenges of Conducting Water, Sanitation, and Hygiene Research in Rural Malawi — Penelope Muelenaer, Population Health Sciences

Chronic Kidney of Unknown Etiology — Shannon French, Biological Sciences

Fecal Microbiota Signatures of Stunting in Nepali Children and the Associative Effect of Household Livestock — Nanda Nanthakumar, Megan Shepherd, Monica Ponder, Virginia-Maryland Regional College of Veterinary Medicine

Cancer Care-seeking Patterns in Kumasi, Ghana — Silpa Thaivalappil, Carilion School of Medicine

International Internships: A Give and Take Affair — Brad Reinholt, Animal and Poultry Sciences

LISA 2020: A Spark for Global Research Development — Emanuel Msemo, Olushina Awe, Eric Vance, Statistics

Opportunities for Research Collaborations in East Africa — Kumar Mallikarjunan, Biological Systems Engineering
Posters continued

Development of a DNA-Based Nanoscale Optical Fiber Biosensor Assay to Detect Brucella Species and Histophilus Somni — Thomas Inzana, Virginia-Maryland Regional College of Veterinary Medicine

Broadening the Engagement with Shandong University in China — Rolf Mueller, Mechanical Engineering

Mining Engineering Internship Program for Colombian Students — Emily Sarver, Kramer Luxbacher, Mining and Minerals Engineering

Local Livestock: Discovery and Engagement for Community Sustainability — Phillip Sponenberg, Biosciences and Pathobiology

Global Expansion of Business: Means and Motives — Anju Seth, Pamplin College of Business

International Research Workshop on Greening of Cities — Patrick Miller, Architecture and Urban Studies

The Many Facets and Faces of Fulbright — Christina McIntyre, University Honors Program

Teacher Training at Domasi College in Malawi — Josiah Tlou, School of Education

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