

# **Internationalizing the University: Globalizing Research and Innovation via US-EU Transatlantic Cooperation**

February 19, 2015

9:00 am - 4:30 pm

George Mason University

Sponsored by AIEA and GMU, and in collaboration with NCURA, BILAT USA 2.0, and EU Delegation to the USA

Forum Outcomes for Senior International Officers (SIOs), Senior Research Officers, Deans for Research, and individual faculty members:

- Explore broader context of science diplomacy (from both US and EU perspectives)
- Explore Horizon 2020 and existing US mechanisms for funding research programs
- Hear US university representatives share their experience in developing sustained research collaborations by working with EU programs and bridging US/EU research & mobility mechanisms
- Take part in hands-on training that will demystify Horizon 2020 through a series of four 45 minute breakout sessions, each targeting a specific Horizon 2020 framework component.



## Internationalizing the University: Globalizing Research and Innovation via US-EU Transatlantic Cooperation

### AIE Thematic Forum

Sponsored by GMU, AIE, NCURA, BILAT USA 2.0, and in collaboration with EU Delegation to the USA



Senior International Officers (SIOs), Senior Research Officers, Deans for Research, and individual faculty members will

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**February 19, 2015**

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**George Mason University**

**Founders Hall  
3351 Fairfax Drive**

**Arlington, Virginia**

**Registration: 30.00**

**Registration Deadline:**

**February 12, 2015**

**Registration at the door  
(space permitting): \$  
40.00**

**Register online:**

**<http://tinyurl.com/jws8poz>**

**Contact information:**

**Svetlana Filiatreau, [sfiliatr@gmu.edu](mailto:sfiliatr@gmu.edu), (703) 993-5073**



## Internationalizing the University: Globalizing Research and Innovation through US-EU Transatlantic Cooperation



**George Mason University  
Arlington, Virginia  
February 19<sup>th</sup>, 2015**

## **Acknowledgements from the Forum Organizers**

The 2015 AIEA Forum: Internationalizing the University: Globalizing Research and Innovation through US-EU Transatlantic Cooperation, organized and hosted by George Mason University and National Council of University Research Administrators (NCURA) Global, provided a venue for Senior International Officers (SIO) to explore the intersection of campus internationalization and science diplomacy through international research collaboration.

The forum participants included SIOs, university research administrators, and other stakeholders involved in the facilitation of bilateral research and development. The goal of the event was to raise awareness among U.S. senior international administrators about the various ways to encourage participation of their home institutions in global research networks, made possible by the Horizon 2020 - European Union's (EU) new research and innovation funding framework.

George Mason University would like to acknowledge the partners and sponsors who made the forum possible. The Association of International Education Administrators (AIEA) made the Forum possible through its Thematic Forum funding program and provided critical support and member outreach for program planning. The Forum was organized by the Office of Global Strategy in partnership with the EU Delegation to the USA and NCURA Global (a member organization of the BILAT USA 2.0 project).

In particular, organizers recognize the members of the Forum program development team for their guidance and insight in the development of the forum. A heartfelt thank you to the Errol Levy, First Secretary for Research and Innovation at the Delegation of the European Union to the USA for the enthusiasm and time devoted to developing the program from the original concept and through the entire project cycle.

The keynote speakers, representing public, private and NGO perspectives, provided stimulating presentations and lively discussion; as did the participation of representatives from fifteen different international funding agencies and organizations. We are especially grateful for the leadership and dedication of Jesse Szeto, the Senior Manager of NCURA Global in planning and implementation of the Forum. Lastly, a special thank you to Bianca Spatafora, Program Manager at George Mason University's Center for Global Studies and to Svetlana Filiatreau, Manager for Global Learning Integration at the Office of Global Strategy for their leadership, commitment, and energy devoted to making the Forum a tremendous success.

## Overview

The AIEA Thematic Forum *Internationalizing the University: Globalizing Research and Innovation through US-EU Transatlantic Cooperation* was held on February 19, 2015 at George Mason University. The goal of the Forum was to raise awareness among SIOs about the ways they could facilitate transatlantic research cooperation. The day-long event was the closing event of the Association of International Education Administrators' (AIEA) annual conference, which addressed international research opportunities. Over 80 participants from 46 U.S. universities and educational organizations registered to attend the forum. The Forum was organized by George Mason University in partnership with the EU Delegation to the USA and NCURA Global (the National Contact Point for Horizon 2020 framework).

## Introduction

University World News indicated in its [report](#) on the forum that “a study published last year by AIEA argues that strategic international research partnerships will become increasingly indispensable for top-tier US research universities.”

As such, the event facilitated the discussion about the importance of science diplomacy and transatlantic partnerships, as well the ways to facilitate global research partnerships through Horizon 2020, a flagship initiative of the European Union aimed at fostering cross-cultural networks of researchers to address global challenges. Participants were welcomed by Mason's VP for Global Strategy Solon Simmons. Desmond Dinan, the Director of Center for Global Studies and Jean Monnet Chair in the School of Policy, Government and International Affairs moderated the event.

Speakers included: representatives of the EU Delegation to the USA, US Department of State, American Association for the Advancement of Science (AAAS), BILAT USA 2.0 project, experts and senior research and international officers from George Washington University, George Mason University and University of Maryland Baltimore County.

With the goal to build on the accomplishments of the 2014 AIEA thematic Forum *Developing Institutional Strategies for Growing Global Research*, the organizers brought together Senior International Officers (SIOs) from across the United States



## Learning Outcomes

- Explore the broader context of science diplomacy from the perspective of both the US and EU
- Explore Horizon 2020 and existing US funding mechanisms with the capacity to facilitate cross-border research collaboration
- Learn from the experiences of the U.S. university representatives in developing sustained research collaborations by working with EU programs and bridging US - EU research & mobility mechanisms
- Gain an in-depth understanding of Horizon 2020 through hands-on sessions, each targeting a specific Horizon 2020 framework component.

## Forum Sessions

Over the course of the day-long Forum, sessions included two expert panels, a key note presentation, and a series of two interactive workshops designed for hands-on, active engagement of the participants with Horizon 2020

portal, for identification of bilateral program calls for proposals and examples of successful programs.

The Forum participants enjoyed the interactive nature of the Forum, the quality and the detail of practical information on Horizon 2020 and other resources, that enable SIOs to promote bilateral research engagement, and the time built in for networking with the EU and US government representatives in the field of science diplomacy and SIO colleagues from across the United States.



## Morning Panel: Science Diplomacy

George Mason University's Vice President for Global Strategy delivered the opening remarks for the Forum, emphasizing the importance of collaboration between an SIO and a Senior Research Officer (SRO) and the role of university SIOs in promoting global research engagement in U.S. universities.

The morning session continued with the panel on science diplomacy. The panel was moderated by Dr. Desmond Dinan, the Director of George Mason University's Center for Global Studies and the Jean Monnet Chair in the School of Policy, Government, and International Affairs.

The panelist included:

- Mr. Errol G. Levy, First Secretary, Research and Innovation, Deputy Head of the Science, Technology & Innovation Section, Delegation of the European Union to the USA
- Mr. Cole Donovan, Multilateral Science Officer, United States Department of State, Bureau of Oceans and International Environmental and Scientific Affairs, Office of Science and Technology Cooperation
- Dr. Tom Wang, Deputy Director, AAAS Center for Science Diplomacy, Executive Editor, Science & Diplomacy

The panel took a form of a highly interactive expert dialogue on the importance of science diplomacy and of transatlantic partnerships in the EU-US relations. The session explored the issues of using science to build bridges between EU and United States and to promote scientific cooperation as an essential element of foreign policy. Special



attention was devoted to the role of universities in facilitating transatlantic science diplomacy. The panel concluded with a Question and Answer session with the audience.

**"I was pleasantly surprised how accessible the government staff was to answer questions and give support."**

## Morning Session: Horizon 2020 Framework

Errol Levy, First Secretary, Research and Innovation, Deputy Head of the Science, Technology & Education Section, Delegation of the European Union to the USA, guided the Forum participants through a detailed overview of the Horizon 2020 framework.



Horizon 2020 is The EU's program for research and innovation for 2014-20 with the allocated program funding of €80 billion over 7 years. The goals of the program are:

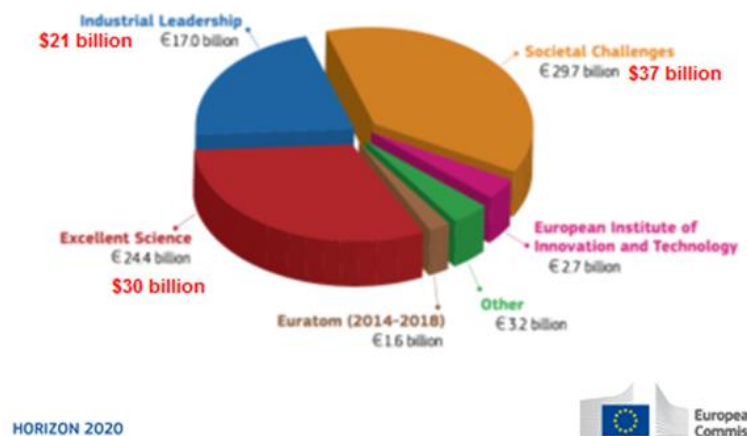
- Respond to the economic crisis to invest in future jobs and growth
- Address people's concerns about their livelihoods, safety and environment
- Strengthen the EU's global position in research, innovation and technology

Horizon 2020 is focused on three funding priorities:

- Excellent science
- Industrial leadership
- Societal challenges

The session has generated many questions and helped to gain a better understanding of the ways U.S. universities and individual researchers could establish bilateral research networks via Horizon 2020 framework.

Horizon 2020 budget (2013 prices)



"This session was the most interesting and useful for me as I am new to University Research and did not have a strong knowledge on Horizon 2020 or the Frameworks. This session provided the most 'new' information for me."

"The session on Horizon2020 was very helpful, as it was valuable to understand the range and scope of all the programs."



## Morning Panel: Case Studies of Successful Transatlantic Partnerships

Jesse Szeto, Senior Manager National Council of University Research Administrators Global, facilitated the second panel. The panel focused on specific examples of SIOs and SROs working together to facilitate bilateral research partnerships. The perspectives of a current SIO and SRO, and a former NSF program director offered helpful insights. Forum participants had an opportunity to learn from the speakers' experience, as well as to receive situation-specific recommendations through the session's open format and many Q & A opportunities. Speakers included:

- Dean Drake, Assistant VP of Research, University of Maryland, Baltimore County & Arlene Wergin, Director of International Office, University of Maryland, Baltimore County
- Shandra White, Director, Office of Sponsored Projects, George Washington University
- Dr. Jong-on Hahm, Senior Distinguished Fellow, School of Policy, Government, and International Affairs, George Mason University, previously National Science Foundation Program Director for Europe



## Networking Lunch

The organizers wanted to ensure participants had the time to further explore the Forum topics with the presenters, as well as among their peers. The Horizon 2020 presentation and expert panel prompted forum participants to ask questions about how they could facilitate the development of the research partnerships with European counterparts through the Horizon 2020 framework in their home institutions. During the networking lunch, presenters provided further guidance by providing information on where and how one could begin leveraging partnerships locally and globally, aside from CCID.

### From participants' feedback:

- "Networking and connections made were great to bring back to my office."
- "I met other professionals with which to collaborate."

## Afternoon Workshops

The afternoon session aimed to familiarize participants with the Horizon 2020 portal and other resources available to the U.S. scholars and institutions. It consisted of two workshops. Errol Levy guided the participants through the hands-on exploration of the Horizon 2020 website, including the process of registering an institution in the participant portal, selecting an open call, and identifying a potential partner institution. Finally, the attendees had an opportunity to identify a specific call and discuss strategies for organizing institutional support to respond to the call.

Jesse Szeto facilitated the final session of the forum, which revolved around the resources available to the U.S. institutions and individuals regarding working with EU universities, professional development programs available for individual faculty and staff, and relocation resources available to those choosing to continue their careers in an EU institution. An overview of EURAXESS services and NCURA's role as Legal & Financial National Contact Point (NCP) for Horizon 2020 for the U.S. was provided.

Forum participants were provided presentation materials to reference and utilize as they continue to explore and develop the ways to internationalize research at their home institutions via Horizon 2020 and other EU programs.

"I was enlightened by how complicated sending an employee abroad can become. "

## Results

Although participation at the forum was impacted by inclement weather in Washington, D.C. (approximately 60% of the registered participants attended), representatives from 31 institutions participated in the dialogues, and remarked that they found the Forum very informative and helpful in rethinking internationalization on their respective campuses to include science in more strategic ways. Further, the participants identified the following common challenges among their organizations with regard to internationalization of research:

- Lack of coordination between international education and research administration in U.S. universities;
- Lack of standard organizational models for internationalization of research due to the diverse types of U.S. higher education institutions;
- Lack of faculty collaboration on international research due to the P.I. model of research funding in U.S. universities;
- Lack of knowledge among the SIOs and SROs about available international frameworks that would promote development of an institutional strategy for research internationalization.

**"I thought all topics were relevant and informational."**

## Recommendations for Future Meetings

Representatives from the institutions also expressed a desire to learn creative ways to build global research partnerships to internationalize their colleges or campuses. They also expressed interest in continuing this conversation. One of the recommendations for a follow-up event was to include representatives from the various U.S. funding programs with the capacity to facilitate cooperation with European partners. Another recommendation was to institute a small fee to ensure higher rates of attendance on the part of participants registered for the Forum.

**"Taking a look at U.S. funding sources that can be used for cooperation with European partners would have been a nice addition."**

**"I believe this was very valuable, and hope to see it repeated again."**

# Program Agenda



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### AGENDA

#### Morning Program:

- 9:00 Welcome: Svetlana Filiatreau, Manager for Global Learning Integration, George Mason University
- 9:05 – 9:15 Opening remarks: Solon Simmons, Vice President for Global Strategy, George Mason University
- 9:15 – 10:00 Town Hall and Panel discussion: Why is it important to have science diplomacy and to have transatlantic partnerships in particular between EU & US? What role do universities play in facilitating transatlantic science diplomacy? Speakers:
  - Mr. Errol G. Levy, First Secretary, Research and Innovation, Deputy Head of the Science, Technology & Innovation Section, Delegation of the European Union to the USA
  - Mr. Cole Donovan, Multilateral Science Officer, United States Department of State, Bureau of Oceans and International Environmental and Scientific Affairs, Office of Science and Technology Cooperation
  - Dr. Tom Wang, Deputy Director, AAAS Center for Science Diplomacy, Executive Editor, Science & Diplomacy
  - Dr. Desmond Dinan – Director, Center for Global Studies, George Mason University & representative to the Washington-based EU Center of Excellence, The American Consortium on EU Studies
- 10:00 - 11:00 Overview of Horizon 2020: Errol Levy, First Secretary, Research and Innovation, Deputy Head of the Science, Technology & Education Section, Delegation of the European Union to the USA
- 11:00-11:15 Morning Break
- 11:15 – 12:15 Case Studies: SIOs and SROs working together to facilitate bilateral research partnerships. Speakers:
  - Dean Drake, Assistant VP of Research, University of Maryland, Baltimore County & Arlene Wergin, Director of International Office, University of Maryland, Baltimore County
  - Shandra White, Director of Research Enhancement, George Washington University
  - Dr. Jong-on Hahm, Senior Distinguished Fellow, School of Policy, Government, and International Affairs, George Mason University & National Science Foundation Program Director for Europe
  - Jesse Szeto, Senior Manager National Council of University Research Administrators Global



**LUNCH BREAK: 12:30 – 1:15 (sponsored by AIEA)**

Afternoon Workshop: (Participants may want to use a laptop for this workshop)

- 1:30 – 2:30 Exploring the H2020 website and Participant Portal with Errol Levy, First Secretary, Research and Innovation, Deputy Head of the Science, Technology & Education Section, Delegation of the European Union to the USA
  - Process for institutional registration
  - Finding a specific open call (group exercise)
  - Finding a relevant open call for each institution (individual exercise)
  - Identifying a European partner institution through Participant Portal
  - Developing a roadmap response to the call
- 2:30 - 2:45 Afternoon Break
- 2:45 – 3:45 Review of Available Resources with Jesse Szeto, Senior Manager, NCURA Global
  - EURAXESS, BILAT 2.0 USA & NCURA's role as Legal & Financial National Contact Point (NCP) for Horizon 2020 for the U.S.
  - Practice Exercises
- 3:45 - 4:00 Closing discussion and remarks: Desmond Dinan, Director of Center for Global Studies, George Mason University & representative to the Washington-based EU Center of Excellence, The American Consortium on EU Studies

**Reception Immediately to Follow in Founders Hall Room 602**

(Sponsored by the Delegation of the European Union to the United States of America)

Thank you to our partners and sponsors:



## Internationalizing the University: Globalizing Research and Innovation via US-EU Transatlantic Cooperation

### Participant Bios

1. **Svetlana Filiatreau, Manager for Global Learning Integration, George Mason University:** Svetlana Filiatreau joined the Office of Global Strategy in 2011. Ms. Filiatreau leads the development of GMU's international strategy for engagement with Russia, former Soviet states, and Central and Eastern Europe.
2. **Solon Simmons, Vice President for Global Strategy, George Mason University;** Dr. Solon Simmons is a professional sociologist who specializes in American politics, Solon has taught a wide array of classes at the School for Conflict Analysis and Resolution (S-CAR) including: conflict theory; global conflict; culture, identity and conflict; class inequality and conflict; and conflict in America.
3. **Errol G. Levy, First Secretary, Research and Innovation, Deputy Head of the Science, Technology & Innovation Section, Delegation of the European Union to the USA:** Errol Levy has 25 years of experience in both the private and public sectors. This includes roles in spacecraft and instrument systems engineering for British Aerospace plc (now BAE Systems) and product manager and public affairs roles for the European Aeronautical Defence and Space Company (EADS Astrium Ltd), based in the UK, serving as speechwriter for the European Commission and as a Policy Officer in the Directorate-General for Research and Innovation of the European Commission
4. **Desmond Dinan, Director, Center for Global Studies, George Mason University & representative to the Washington-based EU Center of Excellence, The American Consortium on EU Studies:** Desmond Dinan is Professor of Public Policy; Director, International Commerce and Policy Program and holds the Jean Monnet Chair in European Public Policy at George Mason University. He has been an adviser to the European Commission in Brussels and a Visiting Fellow at the Netherlands Institute for International Relations, The Hague.
5. **Dean Drake, Assistant VP of Research, University of Maryland, Baltimore County:** After seven years in the Defense Industry, Dean has accumulated over 20 years of experience in University research administration. He provided financial and administrative oversight of international support offices and sub-recipients located in Africa, Central America and Asia.
6. **Arlene Wergin, Director of International Office, University of Maryland, Baltimore County:** Dr. Arlene Wergin has over thirty years of experience in the field of international education. After receiving her Ph.D. at the Johns Hopkins University, she served as that university's Director of the International Students and Scholars Office. In 1991, she came to the University of Maryland, Baltimore County (UMBC) to serve as the Director of the newly created office of International Education Services.
7. **Shandra White, Director of Research Enhancement, George Washington University:** As the Director, Research Enhancement, Shandra leads, designs and implements research development

activities in support of GW's strategic research initiatives and individual researcher aspirations and grantsmanship. Shandra's professional experience spans 16 combined years in federal and private grants and contracts management and university research administration.

8. **Jong-on Hahm, Senior Distinguished Fellow, School of Policy, Government, and International Affairs, George Mason University & National Science Foundation Program Director for Europe:** Dr. Hahm's research focuses on global investments in science, technology, engineering, and math (STEM) to spur innovation and economic growth; global STEM workforce migration; diversity in science; global intellectual property rights; Big Data uses, analyses, and controversies.
9. **Jesse Szeto, Senior Manager National Council of University Research Administrators Global:** Jesse J.K. Szeto is the Senior Manager for Global Operations at the National Council of University Research Administrators (NCURA) and U.S. Advisor to Sri Lanka-based Verité Research. He has been a university administrator in both the University of Wisconsin and the University of California, and he has also managed economic and social development projects for the State of California and the United Nations. He has served as project management expert for a Swedish government-funded project in 13 countries (6 in Africa and 7 in Asia), and he has also been a management consultant to the government of Abu Dhabi and to Fortune 500 companies.
10. **Cole Donovan, Multilateral Science Officer, United States Department of State, Bureau of Oceans and International Environmental and Scientific Affairs, Office of Science and Technology Cooperation:** Cole Donovan coordinates the U.S. science and technology relationships with the European Union, Western and Southern Europe, Sub-Saharan Africa, and the ASEAN Secretariat. Previous assignments include research and outreach coordination for the Global Innovation through Science and Technology (GIST).
11. **Tom Wang, Deputy Director, AAAS Center for Science Diplomacy, Executive Editor, Science & Diplomacy:** Dr. Wang came to AAAS from the U.S. Department of State, where he served as a science policy advisor in the Bureau of East Asian and Pacific Affairs. Dr. Wang received his MS and PhD in chemical engineering from the Massachusetts Institute of Technology and undergraduate degrees in chemical engineering and political science from the University of California at Berkeley.

## List of Registered Institutions

Wayne State University  
Uber Research  
North Carolina State University  
William V.S. Tubman University  
University of Maryland  
University of Tennessee  
University of Wisconsin- Whitewater  
Education USA  
Notre Dame  
University of Agder  
Clemson University  
Alexander von Humboldt Foundation  
College DuPage  
Virginia Tech  
Middlesex Community College  
Morgan State University  
California State University, Long Beach  
U.S. State Department  
Case Western Reserve University  
Ohio State University  
Rutgers University  
Embassy of France in the U.S.  
Bellarmino University  
Politecnico di Milano  
Michigan State University  
Smithsonian Institution  
Henry Jackson Foundation  
Louisiana State University  
University of Massachusetts, Amherst  
Texas A&M University  
Colorado State University  
NCURA  
Martin, Blanck & Associates  
University of South Florida  
Rus Trade  
Williamette University  
Georgetown University  
George Washington University  
Old Dominion University  
Virginia Commonwealth University  
George Mason University  
University of Maryland, Baltimore  
University of California

University of Texas  
International Student Exchange Programs  
German Research Foundation  
Northern VA Regional Commission  
Ariadne Capital Investments  
University of North Texas  
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NAFSA  
Marquette University  
American University  
Children's National Medical Center  
Montana State University  
University of Newcastle