



ASSOCIATION OF  
PUBLIC &  
LAND-GRANT  
UNIVERSITIES



APLU  
COUNCIL ON  
RESEARCH

2019 Joint Summer Meeting of APLU's  
**COUNCIL ON RESEARCH (COR)**  
AND  
**COMMISSION ON ECONOMIC AND COMMUNITY  
ENGAGEMENT (CECE)**

FEATURING THE 6TH ANNUAL APLU INNOVATION & ECONOMIC PROSPERITY (IEP) UNIVERSITIES WORKSHOP

Sunday, June 16 – Wednesday, June 19, 2019

The Penn Stater Hotel and Conference Center | 215 Innovation Blvd., State College, PA 16803

## COR SCHEDULE OF EVENTS

### SUNDAY, JUNE 16

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7:00 a.m. –	<b>BREAKFAST</b>	Presidents 3
8:30 a.m.	OPEN TO ALL NEW AND FUTURE VPR WORKSHOP PARTICIPANTS.	
8:00 a.m. –	<b>NEW AND FUTURE VPR WORKSHOP</b>	Presidents 2
12:15 p.m.	OPEN TO ALL NEW AND FUTURE VPR WORKSHOP PARTICIPANTS.	
12:15 p.m. –	<b>LUNCH</b>	Presidents 3
1:30 p.m.	OPEN TO ALL NEW AND FUTURE VPR WORKSHOP PARTICIPANTS.	
1:30 p.m. –	<b>NEW AND FUTURE VPR WORKSHOP CONTINUED</b>	Presidents 2
5:00 p.m.		
5:30 p.m. –	<b>CECE-COR WELCOME RECEPTION</b>	Presidents 1
7:00 p.m.	OPEN TO ALL CECE AND COR MEETING PARTICIPANTS.	

**Speakers:** **Tracey Huston**, *Vice President for Outreach, Pennsylvania State University*  
**Neil Sharkey**, *Vice President for Research, Pennsylvania State University*

Please find 2 complimentary drink tickets (GREEN) in your name badge holder. You must present your I.D. to be served alcoholic beverages.

MONDAY, JUNE 17

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7:00 a.m. – 8:30 a.m.	<b>COR EXECUTIVE COMMITTEE MEETING</b> COR EXECUTIVE COMMITTEE MEMBERS ONLY.	TBD
7:30 a.m. – 8:30 a.m.	<b>BREAKFAST</b> OPEN TO ALL CECE AND COR MEMBERS.	Deans 1 & 2
8:30 a.m. – 9:00 a.m.	<b>JOINT MEETING KICK-OFF</b> <b>Speakers:</b> Eric Barron, <i>President, Pennsylvania State University; CECE Chair</i> Sandra Brown, <i>Vice Chancellor for Research, UC San Diego; CoR Chair</i>	Deans 1 & 2
9:00 a.m. – 9:15 a.m.	<b>WELCOME FROM THE COMMUNITY</b> <b>Speakers:</b> Neil Sharkey, <i>Vice President for Research, Pennsylvania State University</i> Dennis M. Davin, <i>Secretary of the Department of Community and Economic Development, State of Pennsylvania</i> Vern Squier, <i>President &amp; CEO, Chamber of Business &amp; Industry of Centre Country</i>	Deans 1 & 2
9:15 a.m. – 10:30 a.m.	<b>CECE-COR JOINT SESSION 1</b> <b>Presidents' Perspective: Strengthening Research and Economic and Community Engagement</b> <b>Moderator:</b> Eric Barron, <i>President, Pennsylvania State University; CECE Chair</i> <b>Speakers:</b> Patrick Gallagher, <i>Chancellor, University of Pittsburgh; CECE Chair-Elect</i> Judy Genshaft, <i>President, University of South Florida</i> Neville Pinto, <i>President, University of Cincinnati</i>	Deans 1 & 2

Presidents and chancellors play an important role in setting the strategic priorities of an institution, aligning assets, removing roadblocks, and incentivizing action, particularly when it relates to maximizing the impact of university research on the economy and society. Learn how a sitting president, retiring president, and incoming president view the role of presidents and chancellors in maximizing the impact of economic and community engagement through research and what presidents would like to hear from senior research and engagement officers in terms of communicating impact as well as barriers for success.

10:30 a.m. – **NETWORKING BREAK** Break Area  
10:45 a.m.

10:45 a.m. – **CECE-COR JOINT SESSION 2** Deans 1 & 2  
12:00 p.m. **CECE-CoR Open Forum**

**Moderators:** **Janet Weisenberger**, *Senior Associate Vice President for Research, The Ohio State University; CECE Vice-Chair for Economic Engagement*  
**James Weyhenmeyer**, *Vice President for Research and Economic Development, Auburn University*

This session will serve as an open forum for members of CECE and CoR to get to know one another, as well as their respective groups, and to explore shared areas of interest. The importance of connecting research leadership and economic and community engagement to maximize the impact of public universities on society will be emphasized.

12:00 p.m. – **LUNCH AND KEYNOTE ADDRESS** Deans 1 & 2  
1:30 p.m.

**Speaker:** **Antoine Van Agtmael**, *Author of [The Smartest Places on Earth](#)*  
**Facilitator:** **Eric Barron**, *President, Pennsylvania State University; CECE Chair*

Antoine Van Agtmael in his book, [The Smartest Places on Earth: Why Rustbelts are the Emerging Hotspots of Global Innovation](#), show how onetime rust-belt areas in the U.S. and Europe are emerging as new centers for innovation. Through extensive travel to places ranging from the SUNY Polytechnic Institute's Nanotech Multiplex in Albany, N.Y., to Akron, Ohio, to Dresden, Germany, to Eindhoven, Netherlands, they discovered common themes among these unlikely "brainbelts." These include innovation sharing between research universities and corporations, physical spaces that encourage collaboration, and environments that attract talent. The authors make a strong case that a renaissance in the development and manufacturing of "chips, new materials, and biosciences" is happening not in tech or major urban centers, but in reclaimed factories and settings like the revitalized American Tobacco Campus in the North Carolina Research Triangle.

1:30 p.m. – **CECE-COR JOINT SESSION 3** Deans 1 & 2  
2:30 p.m. **Addressing Community Problems through Undergraduate Student Entrepreneurship**

**Moderator:** **Lee Erickson**, *Chief Amplifier, Happy Valley Launchbox*

- Case Study 1** **Rachel Jagoda Burnette**, *Program Officer, Lemelson Foundation*  
**Oregon:** **Juan Barraza**, *Director of Student Innovation, Portland State University*
- Case Study 2** **John Gershenson**, *Director of the Humanitarian Engineering and Social Entrepreneurship Program, Pennsylvania State University*  
**Pennsylvania:** **Steve Brawley**, *President/CEO, Ben Franklin Technology Partners of Central and Northern PA*

Entrepreneurship, whether in the form of startups or social enterprises, is often a rewarding, sought-after, and impactful career trajectory for many undergraduate students. Studies and reports reveal that “millennial” and “Gen Z” undergraduate students are especially keen to pursue career paths that address social or community-oriented problems or challenges. In this session, university leaders will learn about two national models for catalyzing undergraduate student entrepreneurship with a focus on addressing community-oriented challenges.

2:30 p.m. –  
2:45 p.m.

## NETWORKING BREAK

Break Area

2:45 p.m. –  
4:00 p.m.

## CECE-COR JOINT SESSION 4 Public Impact-Focused Research

Deans 1 & 2

**Facilitators:** **Sandra Brown**, *Vice Chancellor for Research, UC San Diego; CoR Chair*  
**Janet Nelson**, *Vice President for Research, University of Idaho*

This session will provide an update on the Council on Research’s Public Impact-Focused Research (PIR) Initiative followed by table-level discussion of the PIR Initiative’s draft report.

4:00 p.m. –  
5:00 p.m.

## CECE-COR JOINT SESSION 5 Reclaiming the Public’s Trust through Public Engagement in Research

Deans 1 & 2

**Moderator:** **Paul Roben**, *Associate Vice Chancellor, Innovation and Commercialization, UC San Diego*

**Speakers:** **Erica Palma Kimmerling**, *Helman Fellow in Science and Technology Policy, American Academy of Arts & Sciences*

**Julie Risien**, *Associate Director, Center for Research on Lifelong STEM Learning, Oregon State University*

**Laurie Van Egeren**, *Assistant Provost for University-Community Partnerships, Michigan State University*

Public trust in universities and university research is declining. University government relations and communication offices are active in communicating the impact and value of universities to political and public audiences. Much of these efforts focuses on bringing the university's contributions out into the public domain through science communication rather than engaging the public in research through community engagement. Building off on CoR's Public Impact Focused Research initiative, in this interactive session we will hear from three public engagement experts and discuss what works well and what doesn't work well in public engagement in science.

5:00 p.m. –  
5:30 p.m.

## BREAK

Break Area

5:00 p.m. –  
6:00 p.m.

## SHUTTLES TO PRESIDENT BARRON'S RESIDENCE

Shuttle service will be available every 15 minutes from 5:00 p.m. to 5:45 p.m. from The Penn Stater to the President's residence.

Pickup: End of  
Presidents  
Hallway

5:30 p.m. –  
7:30 p.m.

## RECEPTION AT PRESIDENT BARRON'S RESIDENCE

OPEN TO ALL CECE AND COR MEETING PARTICIPANTS.

**Speakers:** **Eric Barron**, *President, Penn State University; CECE Chair*  
**Sandra Brown**, *Vice Chancellor for Research, UC-San Diego; CoR Chair*

President  
Barron's  
Residence

Please find 2 complementary drink tickets (YELLOW) in your name badge holder. You must present your I.D. to be served alcoholic beverages. Guests are invited to a walk of the Arboretum and Penn State following the reception program.

7:00 p.m. –  
8:00 p.m.

## SHUTTLES TO THE PENN STATER HOTEL

Shuttle service will be available every 15 minutes from 7:00 p.m. to 8:00 p.m. from the President's residence to The Penn Stater.

Pickup:  
President  
Barron's  
Residence

TUESDAY, JUNE 18

**NOTE: Please arrive prepared to travel directly to the Millennium Science Complex at 11:30 a.m. following CoR Session 2.**

7:00 a.m. – 8:00 a.m.	<b>BREAKFAST</b> COR MEMBERS ONLY.	Presidents 1
8:00 a.m. – 8:45 a.m.	<b>COR BUSINESS MEETING</b> <b>Speaker:</b> Sandra Brown, <i>Vice Chancellor for Research, UC San Diego; CoR Chair</i>	Presidents 1
8:45 a.m. – 10:00 a.m.	<b>COR SESSION 1</b> <b>Sexual Harassment in Academia</b> <b>Moderator:</b> Cynthia Sagers, <i>Vice President for Research, Arizona State University</i> <b>Speaker:</b> Jamie Lewis Keith, <i>Partner, EducationCounsel</i>  This session will revisit several of the topics discussed during the “Addressing Sexual Harassment at Research Institutions” session at the 2018 APLU Annual Meeting and share the latest federal science agency responses and policies. Updates will be provided regarding the National Academies’ <a href="#">Action Collaborative on Preventing Sexual Harassment in Higher Education</a> and the <a href="#">Societies Consortium on Sexual Harassment in Science, Technology, Engineering, Mathematics, and Medicine (STEMM)</a> .	Presidents 1
10:00 a.m. – 10:15 a.m.	<b>BREAK</b>	Break Area
10:15 a.m. – 11:30 a.m.	<b>COR SESSION 2</b> <b>Responding to Undue Foreign Influence and Security Concerns on Campus</b> <b>Moderators:</b> Mary Croughan, <i>Vice President for Research and Economic Development, University of Nevada, Las Vegas</i> Rob Rutenbar, <i>Senior Vice Chancellor for Research, University of Pittsburgh</i>  <b>Speaker:</b> Michael Lauer, <i>Deputy Director for Extramural Research, NIH</i>	Presidents 1

Over the past year, federal intelligence, security, and science agencies, as well as Members of Congress, have expressed increasing concern regarding the participation of academic researchers in foreign talent recruitment programs, theft of intellectual property, breaches in scientific integrity, targeted cyberattacks, and other forms of foreign interference relating to research performed at U.S. universities. This session will share an agency perspective and allow ample time for discussion of actions that campuses can take to address security threats and protect against undue foreign influence.

11:30 a.m. –  
12:00 p.m.

## SHUTTLES TO MSC

COR MEMBERS ONLY.

Pickup: End of  
Presidents  
Hallway

Immediately following Session 2, CoR members will pick up boxed lunches and proceed to shuttles that will transport participants to the Millennium Science Complex on Penn State's campus. All afternoon programming will take place at the Millennium Science Complex.

12:00 p.m. –  
12:30 p.m.

## LUNCH

COR MEMBERS ONLY.

Millennium  
Science  
Complex  
(MSC)

12:30 p.m. –  
1:00 p.m.

## COR RESEARCH FELLOWS GRADUATION CEREMONY

**Facilitators:** **Robert Nobles**, *Interim Vice Chancellor for Research, University of Tennessee, Knoxville*

**Alicia Knoedler**, *Director of Team Innovation, Exaptive*

**Honorees:** **Jason R. Carter**

**Ralph K. Davis**

**Douglas L. Delahanty**

**Don Engel**

**Kevin H. Gardner**

**Faith Kirkham Hawkins**

**Jane E. Strasser**

**Gillian Wilson**

1:00 p.m. –  
1:30 p.m.

## WELCOME TO THE MILLENNIUM SCIENCE COMPLEX

Overview of the Materials Research Institute and Huck  
Institutes of the Life Sciences

Millennium  
Science  
Complex  
(MSC)

**Speaker** **Neil Sharkey**, *Vice President for Research, Pennsylvania State University*  
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The convergence of engineering, physical science, and life sciences, augmented by high-speed computation and data search, is opening new frontiers in human health, energy, and materials science. At Penn State, this convergence has a new home in the Millennium Science Complex, a 275,600 square-foot science building housing

two of the University's premier research organizations – the Materials Research Institute and The Huck Institutes for the Life Sciences.

1:30 p.m. –  
2:45 p.m.

### COR SESSION 3

#### Best Practices for Centers and Institutes

**Speakers:** **Ramesh Kolluru**, *Vice President for Research, Innovation, and Economic Development, University of Louisiana at Lafayette*

**Theresa Mayer**, *Vice President for Research and Innovation, Virginia Tech*

**Karl Steiner**, *Vice President for Research, University of Maryland, Baltimore County*

This session will provide an overview of best practices for centers and institutes. Discussion will center on goals and objectives, reporting structures, utilization of resources, and different operational phases from start-up to sunset.

Millennium  
Science  
Complex  
(MSC)

2:45 p.m. –  
4:00 p.m.

### COR SESSION 4

#### Open Data and Public Access

**Moderator:** **Sarah Nusser**, *Vice President for Research, Iowa State University; CoR Chair-Elect*

**Speakers:** **Kevin Gardner**, *Vice Provost for Research, University of New Hampshire*

**Patricia Jones**, *Associate Director for Research, Beckman Institute, University of Illinois at Urbana-Champaign*

**Greg Madden**, *Senior Advisor for Research Computing and Cyberinfrastructure, Pennsylvania State University*

**Beth Plale**, *Science Advisor and Program Director, Office of Advanced Cyberinfrastructure, NSF*

This session will provide an update on the APLU-AAU Public Access Working Group (PAWG) as well as NSF's position on public access.

Millennium  
Science  
Complex  
(MSC)

4:00 p.m. –  
4:15 p.m.

### BREAK

Millennium  
Science  
Complex  
(MSC)



4:15 p.m. –  
5:30 p.m.

## COR SESSION 5

### Arts, Humanities, and Social Sciences in the Research Enterprise

Millennium  
Science  
Complex  
(MSC)

**Facilitators:** **Janet Nelson**, *Vice President for Research and Economic Development, University of Idaho*

**Matt Tarr**, *Vice President for Research and Economic Development, University of New Orleans*

**Speakers:** **Barbara Korner**, *Dean, College of Arts and Architecture, Pennsylvania State University*

**Paul Shrivastava**, *Chief Sustainability Officer and Director of Sustainability Institute, Pennsylvania State University*

**Scott Slovic**, *Professor of Literature and Environment, University of Idaho*

This session follows the National Academies' *Branches from the Same Tree: A National Convening on the Integration of Arts, Humanities, and STEMM in Higher Education*. Topics for discussion include demonstrated pathways for successful funding in arts, humanities, and social sciences; how STEM researchers can benefit from interacting with arts, humanities, and social sciences researchers (and vice versa); and how collaborative research across the arts, humanities, and social sciences and STEM can support sustainability and impact the public.

5:30 p.m. –  
6:30 p.m.

## OPTIONAL TOURS OF THE MSC

CoR members are invited to join tours of the Materials Research Institute or Huck Institutes of the Life Sciences.

5:30 p.m. –  
7:00 p.m.

## SHUTTLES TO THE PENN STATER

Shuttle service will be available every 30 minutes from 5:30 p.m. to 6:45 p.m. from the Millennium Science Complex to The Penn Stater.

Pickup:  
Outside MSC

***NOTE FOR DINNER: The Millennium Science Complex is located within walking distance of restaurants in Downtown State College.***

## WEDNESDAY, JUNE 19

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8:00 a.m. – 1:30 p.m.	<b>APLU INNOVATION &amp; ECONOMIC PROSPERITY (IEP) UNIVERSITIES WORKSHOP</b> PRE-REGISTRATION REQUIRED.	Deans 1&2
9:00 a.m. – 12:00 p.m.	<b>PIR Initiative Meeting</b> BY INVITATION ONLY.	Room 112
1:00 p.m. – 3:00 p.m.	<b>HIBAR Research Alliance (HRA) Meeting</b> BY INVITATION ONLY.	Room 112

# THE PENN STATER CONFERENCE CENTER

