CoR Summer Meeting

Agenda

Sunday, June 28 – Wednesday, July 1, 2015
Bison Conference Rooms
Westgate Park City Resort and Spa
Sunday, June 28

8:30am-4:30pm  New/future VPR workshop (Optional - separate registration)
Bison Rooms 1 & 2

3:30-5:30pm  Registration for full meeting (With sign-up sheets for Monday and Tuesday dinners on your own)

5:30-7:00pm  Reception – heavy hors d’oeuvres, cash bar available
Bison Rooms 4 & 5

Monday, June 29

7:00am-1:00pm  Registration (With sign-up sheets for Monday and Tuesday dinners on your own)

7:15-8:30am  Executive Committee Breakfast
Bison Room 6

7:45-8:30am  Breakfast (All registrants – Non-Executive Committee)
Bison Ballroom

8:45am  Welcome
Bison Ballroom  
Richard Marchase, Vice President for Research and Economic Development, University of Alabama, Birmingham; Chair, Council on Research

Session I

9:00 – 10:15am  Reproducibility of Research
Bison Ballroom  
Kelvin Droegemeier, Vice President for Research, The University of Oklahoma
Barbara Entwisle, Vice Chancellor for Research, University of North Carolina at Chapel Hill

Foundational to the scientific method is the notion that research results should be rigorous and independently reproducible. The issue of reproducibility has emerged as an important topic of conversation during the past several years, with considerable attention in the life and social/behavioral sciences. Discussions about it are occurring in a wide array of venues, ranging from publishers and Federal agencies to Congress and leaders of research institutions. Spurring these activities are a number of factors, including the open data revolution, calls by many quarters for greater transparency and accountability, increasingly complex research problems that require new experimental approaches, and evidence that the results of many published studies cannot in fact be reproduced (as noted in a recent editorial, the reproducibility of a result does not mean it is correct, nor does the lack of reproducibility mean it is incorrect).
This session will provide an opportunity for senior research officers to come up to speed on current issues, challenges, and viewpoints regarding reproducibility, and it also will facilitate dialog by attendees on a number of important questions that bear directly on the broader research enterprise as well as on attendees’ own institutions.

Overview presentations by Kelvin Droegemeier, Barbara Entwisle, followed by structured discussion.

**Read-Ahead Materials:** The following materials are offered to frame the discussion so that attendees arrive prepared, thereby maximizing time for dialog and debate.

http://www.nature.com/news/journals-unite-for-reproducibility-1.16259

*(see attachment to this agenda for questions and additional references)*

Break

**Session II**

**10:30am-12:00pm**

Bison Ballroom

**Role of the Senior Research Officer in National Advocacy and Promotion of Research**

**Richard Marchase,** *Vice President for Research and Economic Development, University of Alabama, Birmingham; Chair, Council on Research*

**Sethuraman “Panch” Panchanathan,** *Senior Vice President, Office of Knowledge Enterprise Development, Arizona State University*

**Abby Benson,** *Associate Vice President for Government Relations, University of Colorado*

**Michael Frame,** *Director of Federal Relations, Florida State University*

Following a brief framing of proposed practices for SRO’s, there will be facilitated discussion on questions such as what are leading strategies? What are the various actions VPs are already doing? How do VPs work with their governmental affairs officers?

**12:15-1:00pm**

Lunch
(Monday Continued)

1:20pm       Load buses to Natural History Museum of Utah and Red Butte Garden & Arboretum

1:30pm-6:45pm Excursion and reception at the Natural History Museum of Utah and Red Butte Garden & Arboretum hosted by Utah universities

Evening       Dinner on own (with pre-reservations for 6-7 groups of 8, with sign-up sheets at registration, allowing attendees the choice to join a group easily, or go off on their own if they wish)

Tuesday, June 30

7:30-9:00am   Associate VPR/VCR Breakfast – Topic: Leveraging Associate VPRs/VCRs for Success
Bison Room 6

8:00-9:00am   Breakfast
Bison Ballroom

Session III
9:15-10:30am  Advancement AND Research Collaborating to Advance the University’s Mission
Bison Ballroom

Tom McCoy, Vice President for Research and Economic Development, University of North Texas
David Shaw, Vice President, Research and Economic Development, Mississippi State University

Discuss the best practices for development/advancement today relative to philanthropy and sponsored research; parsing deliverables, indirect costs and gifts; the relationships between development/advancement leadership and VPRs; and what the Corporate perspective on dealing with advancement and Sponsored Programs is.

Speakers:

Michael Stevenson, Managing Principal, Bannack Group
S. Imtiaz Ul Haque, Fellow ASME, Director for Strategic Initiatives and Global Engagement, College of Engineering and Science, Clemson University
John P. Rush, Vice President for Development and Alumni, Mississippi State University

Break

Session IV
10:45-11:45am Business Meeting (everyone welcome)
Bison Ballroom
(Tuesday Continued)

**Session V**
**12:00-2:00pm**
Bison Ballroom

Lunch

*Roundtable Discussions* (over lunch)

**Mark McLellan**, Vice President for Research, Dean of the School of Graduate Studies, Utah State University

Promising Practices (compiled by survey of attendees in advance, discussions at assigned roundtables)

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**Session VI**
**2:15-4:00pm**
Bison Ballroom

*Open/Public Access: Publications & Data – Potholes in the Road to Meeting New Federal Mandates*

**Caroline Whitacre**, Vice President for Research, The Ohio State University

**Mark McLellan**, Vice President for Research, Dean of the School of Graduate Studies, Utah State University

Speakers:

**Steven Daley-Laursen**, Founding Director and Professor, Northwest Knowledge Network, University of Idaho

**Greg Tananbaum**, Project Lead, Shared Access Research Ecosystem (SHARE), ScholarNext Consulting

A lot has happened since the OSTP memo of February 2013 requiring public access to the results of federally funded research. Funding agencies have wrestled with this new requirement for access to publications as well as data. The higher education community has stepped up with the help of APLU, AAU and ARL to develop a solution called SHARE. Other solutions have included expansion of PubMed Central at NIH, individual institutional repositories or a solution put forward by publishers called CHORUS. In this session, Greg Tananbaum will provide an update on SHARE and Steven Daley-Laursen will review the results of the recent USDA Task Force on Big Data and Public Data Access. Hear the latest developments with funding agency plans, progress on some campuses and get your questions answered.

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Break

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**Session VII**
**4:15-6:00pm**
Bison Ballroom

*Managing Conflicts of Interest in Research: Diving into Practices*

**Kimberly Andrews Espy**, Senior Vice President for Research, The University of Arizona

**Andres Gil**, Vice President for Research, Florida International University

**Mark McLellan**, Vice President for Research, Dean of the School of Graduate Studies, Utah State University

**Gerald Sonnenfeld**, Vice President for Research and Economic Development, The University of Rhode Island
In this discussion session, we will review results of a survey of CoR meeting participants, as a springboard for identifying what practices our member universities are using to effectively (or not) manage conflicts of interest, and to broadly share “lessons learned” as colleagues.

**Evening**
Dinner as above on Monday

**Wednesday, July 1**

**7:30-9:00am**
Associate VPR/VCR Breakfast – **Topic: Identifying, Creating, and Celebrating Diversity in Research Institutions**

**8:00-9:00am**
Breakfast

**Session VIII**

**9:15-10:30am**
**Lab Safety**

*Taylor Eighmy, Vice Chancellor for Research & Engagement, University of Tennessee, Knoxville*

*Mark McLellan, Vice President for Research, Dean of the School of Graduate Studies, Utah State University*

The Task Force on Laboratory Safety will share a very early draft on their current thinking to improve the lab safety culture on campuses along with a proposed timeline for action. They will seek input from CoR on these early ideas, providing lots of time for discussion on concerns and suggested solutions. The Task Force will report on conversations held at the May 6-7 meeting in Washington, DC, with the US Chemical Safety and Hazards Board, National Academies, Oakridge National Lab, CDC, Eastman Chemical Company, AAHRPP, CSHEMA, and ABSA and in subsequent meetings with additional experts, national constituencies, and stakeholders. The task force will be meeting on Sunday, June 28 in Park City in advance of CoR sessions.

**Break**

**Session IX**

**10:45am-12:00pm**
Social/Behavioral/Economic Sciences

*Barbara Entwisle, Vice Chancellor for Research, University of North Carolina at Chapel Hill*

*Alicia Knoedler, Associate Vice President for Research, University of Oklahoma*
(Wednesday Continued)

How to promote the importance of Social/Behavioral/Economic Sciences and engage them in interdisciplinary research.

ADJOURN @ NOON
ATTACHMENT – Reproducibility of Research Session

Key Questions: The following questions will be used to seed the discussion.

- To what extent do your faculty understand and appreciate the importance of reproducibility, the strong and increasing emphasis being placed upon it nationally, and the importance of making sure students in relevant disciplines understand the issue? What role might your office play in building this appreciation?
- To what extent might research misconduct be an important contributor to problems of irreproducibility if it occurs on your campus? What changes might be made to the Research Integrity Office that would lead to clear improvement in the reproducibility of results?
- To what extent is poor research design or improper analysis a potential contributor to irreproducibility on your campus? Does your campus offer centralized support or services for assisting faculty with research design, statistical analyses, data visualization, etc?
- To what extent is poor oversight and management of students, postdocs, and staff a potential contributor to irreproducibility? How do faculty on your campus acquire this expertise?
- There is a strong preference, on the part of journals, for researchers to report “significant” results. Because of the strong link between publication and success with federal grants, and because of the strong link between both and career advancement, faculty are at risk of interpreting and reporting on the results of their research in a biased way. This bias may be overt, but it may also be quite subtle. Has your university addressed this issue?
- What is the role of the senior research officer in ensuring research quality? What sort of training programs should be offered, and to whom? Should there be QA/QC beyond or in addition to peer review?
- Mandated open access policies for data, and in many cases computer code, may lead to new challenges in reproducibility, including substantial costs for re-doing analyses or experiments for which funding has ended. Has your institution given thought to this issue and how such work might be funded?
- Have you experienced situations on your campus where research results have been openly or quietly challenged owing to real or perceived irreproducibility? If so, what was the resolution?
- Congress is weighing in on reproducibility (e.g., the 2015 America COMPETES Act from the House Science, Space and Technology Committee), suggesting that it is rampant across all fields of science and engineering. How can we and COR be helpful in clarifying the issues and working with Congress on positive steps forward?

Other References: The following web sites involve new community initiatives on reproducibility as well as the NIH site on the same topic.

http://validation.scienceexchange.com/#/ (reference on a new initiative)

http://www.nih.gov/science/reproducibility/index.htm (NIH materials and training)


https://osf.io/ (Open Science Framework, a portal for reproducibility experiments)