



# **2020 New Faculty Academy:** ***Virtual* Research Orientation**



**Office of Research**  
**UNIVERSITY OF GEORGIA**

# Office of Research Faculty Orientation

*David Lee*  
*Vice President for Research*  
*dclee@uga.edu*



UNIVERSITY OF  
GEORGIA

# Our Mission

**Encourage / Support / Promote / Recognize**  
*... your research, scholarly and creative activities*

We succeed when you succeed!

Along the way, we ...  
*help harvest and market IP and keep you out of trouble*



# How We Encourage

Interdisciplinary research centers and institutes,  
e.g. –

- *The Willson Center for Humanities and Arts*
- *Owens Institute for Behavioral Research*

Research initiatives, e.g. –

- *UGA Obesity Initiative*
- *Faculty of Infectious Diseases*

Seed grant programs, e.g. –

- *Pre-seed Program*
- *Faculty Research Grants*



# How We Support

Office of Research help with competitive grants and contracts

- *Integrative Team Science program*
- *Office for Proposal Enhancement*
- *Sponsored Programs Administration*

Core Facilities, e.g. –

- *Georgia Advanced Computing Resource Center*
- *Georgia Genomics and Bioinformatics Core*
- *Statistical Consulting Center*



# How We Support (2)

## Memberships, e.g. –

- *Council for European Studies*
- *Atlanta Research Data Center*
- *Organization for Tropical Studies*

## Postdoc Affairs Office, e.g. –

- *Support for the UGA Postdoc Association*
- *Professional development activities*

## Financial investments in the research enterprise, e.g. –

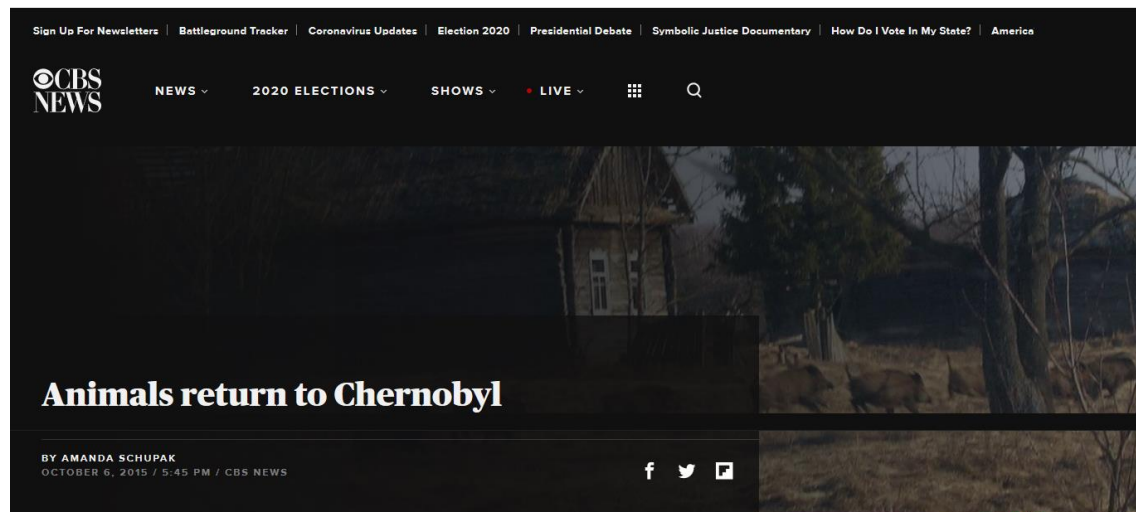
- *Grant matching when required by the sponsor*
- *Major shared equipment*
- *Authorized facility renovations*



# How We Promote

Office for Research Communications, e.g. –

- *Press releases*
- *Internal communications (Columns, etc.)*
- *Social media*
- *Websites*
- *Coordination with UGA and college communication shops*



# How We Recognize

## Annual Research Awards, e.g. –

- *Early Career Scholar Awards*
- *Creative Research Awards and Medals*
- *Distinguished Research Professor*
- *Inventor and Entrepreneur of the Year Awards*
- *Postdoc Research Award*

## External Honors and Prizes, e.g. –

- *Comprehensive database for significant awards*
- *Targeted efforts to nominate/support UGA faculty*



UGA receives life sciences industry awards from Georgia Bio





# Harvesting IP

## Innovation Gateway

- *Protects and markets intellectual property*
- *Assists faculty with starting companies*



UGA ranks Top 5 for 6<sup>th</sup> year for # of products reaching the market based on its research

- *~800 products to date*
- *Turfgrass, peanuts, software, vaccines, pharmaceuticals, etc.*



# Keeping You Out of Trouble

We help to assure research with integrity

The Office of Research Integrity and Safety (ORIS) supports studies with ...

- *Human subjects (IRB)*
- *Animal subjects (IACUC)*
- *Biohazardous agents (IBC)*

ORIS also supports ...

- *Export Control*
- *UGA research / lab safety initiatives*
- *Occupational Health services*
- *Research Misconduct investigations*



# Check Out Our Website

## research.uga.edu/start-your-research-program



### Start Your Research Program



*Navigating the research opportunities and support services at a new university can be overwhelming, and the UGA Office of Research is here to help. The links below will guide you through the steps to get your research program started, as well as stay on top of the latest news about and for UGA faculty researchers.*

Contact [ovpr@uga.edu](mailto:ovpr@uga.edu) if you have questions getting started.



# **Help Continue This Trend**

## ***UGA's R&D Expenditures, FY2016-2020***

<b>Fiscal Year</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>
TOTAL (Millions)	\$410	\$455	\$453	\$478	\$495
Federally-funded	\$144	\$158	\$148	\$160	\$171

- UGA is nearing \$500M per year in total R&D expenditures
- Increasing federally-funded grants & contracts is a priority



# You are Signed Up!

## Customized Funding Alerts

## Find these on the Start Your Research webpage

- Research Funding Alerts & Announcements
- Limited Submissions
- My listserv
- Research News

## Limited Submissions Calendar

Jump To:

- [Closed Limited Submissions](#)

To receive weekly internal competition announcements, [subscribe to our listserv](#).

Home Frequently Used Info Forms & Policies Training Portal Contact						
Search:						
Program Name	Sponsor	Research Category	Funding Type	Internal Deadline	Agency Deadline	Details
National Pesticide Information Center (NPIC)	EPA	Pesticides; Poison Control; Toxicology;	Collaboration or Cooperative Agreement, Program or Curriculum Development or Provision	OPEN	07/30/2018	1 institutional proposal per year. <a href="#">Details</a>
Our Town	NEA	Community Development or Revitalization; Civic Activities; Community or Outreach Programs; Arts and Culture; Cultural Activities; Arts Funding;	Artistic Pursuit, Program or Curriculum Development or Provision	OPEN	08/09/2018	2 institutional proposals per year. <a href="#">Details</a>





**Thanks for listening!**

[dclee@uga.edu](mailto:dclee@uga.edu)  
*research.uga.edu*



UNIVERSITY OF GEORGIA

# Who Does What in the Office of Research?



**Jill Tincher,**  
Sponsored Projects



**Cathy Cuppett**  
Grant Submissions



**Larry Hornak**  
Team Science  
Initiatives



**Jake Maas**  
Proposal  
Enhancement



**Shelley Hooks**  
Internal Grants/Awards,  
Research Personnel



**Marty Bink**  
Defense and Security  
collaborations



**Carl Bergman**  
Core labs and  
Research facilities



**Chris King**  
Research Integrity  
and Safety



**Derek Eberhart,**  
Entrepreneurship and  
Technology Transfer



**Crystal Leach**  
Industry  
Engagement



**Mike Terrazas**  
Research  
Communication



**Ian Biggs**  
Startups, Innovation  
Gateway



# Sponsored Projects Administration

- Supports externally funded activities - research, public service, instruction, or cooperative extension - via grants, contracts, cooperative agreements, etc.
- Provides unified administrative and financial support
- What SPA does? <https://spa.uga.edu>
  - Proposal and “just in time” review and submission,
  - Award receipt, negotiation and account set up,
  - Contract/subaward development, negotiation and execution,
  - Processing of material project changes
  - Financial management - invoicing, reporting and compliance
- Designated Limited Signature Authority (DLSAs) personnel are housed within some departments to support faculty and assist SPA



Jill Tincher

*Executive Director, Sponsored Projects Administration*



# Sponsored Projects Administration

## SPA Representative

- Departmental POC - answers general questions or redirects to SME
- Dedicated research administrators with sponsor and UGA expertise
- We are here to support you! <https://spa.uga.edu>

## Grants Portal

- <https://research.uga.edu/outputs-analytics/grants-portal-reports/>
- Interactive online workflow and document management tool
- Facilitates life cycle management of proposals and awards
- System-to-system submission for grants.gov proposals
- Increases transparency within UGA research community
- Training: GRASP Classes, online and by request

## WHAT'S NEW

- Project Status Report
- Payroll Certification

Jill Tincher

*Executive Director, Sponsored Projects Administration*



# Integrative Team Initiatives

## Helping you realize your team's vision for impact

- Resources to help you
  - Form effective new and strengthen existing teams,
  - Successfully prepare, plan and execute center/institute-scale team research proposals, and
  - Achieve the deep integration such proposals require between research, education, a culture of diversity and inclusion, and innovation ecosystem.

## Programs

- Teaming for Interdisciplinary Research (TIR) Pre-Seed Program
  - 2021 Program Application Window Opened October 1
- Major Integrative Program Planning (MIPP) Support
- The Leading Large Integrative Research Teams (L2-IRT) Workshop Series

<https://research.uga.edu/integrative-teams>



Larry Hornak  
*Associate Vice President for Research*  
*Integrative Team Initiatives*

# Office for Proposal Enhancement

## Research Grant Proposal Support

- Project management for large, complex proposal submissions (lead time: 4+ months)
- Resubmission strategy planning (lead time: 8+ weeks)
- Proposal narrative copyediting (lead time: 4+ weeks)

## Training and ‘Grantsmanship’

- “Coffee with the Pros” panel discussion series
- Mock NIH Review Panels
- Peer Review program for NIH and NSF CAREER proposals
- Grant Writing Workshops

*Check out our calendar of events!*

<https://research.uga.edu/proposal-enhancement>

Jake Maas

*Director of Proposal Enhancement*



# Research Personnel

- **Postdoctoral trainees**

[postdocs.uga.edu](https://postdocs.uga.edu)

- **Research Scientists**

[research.uga.edu/research-scientists](https://research.uga.edu/research-scientists)

- **Visiting Research Scholars**

[research.uga.edu/visiting](https://research.uga.edu/visiting)

A portrait photograph of Shelley Hooks, a woman with short blonde hair, smiling, wearing a blue top.

Shelley Hooks

*Associate Vice President for Research*

*Director, Offices of Postdoctoral Affairs, Internal Grants & Awards, and Research Personnel*

# Internal Grants & Awards

## Internal Grants

- **Faculty Research Grants**
  - Seed grants in sciences and engineering
  - Willson Center faculty grants in humanities & arts
- **“Grants on the Edge” Matching programs**

<https://research.uga.edu/iga/grants/>



Shelley Hooks

*Associate Vice President for Research*

*Director, Offices of Postdoctoral Affairs, Internal Grants & Awards, and Research Personnel*

# Internal Grants & Awards

## Research awards

- Graduate Student Research Awards
- Postdoctoral Research Award
- Faculty Research Awards: progressive honors in discipline areas
  - Early Career Scholar Awards
  - Creative Research Medals
  - Creative Research Awards
- Distinguished Research Professorships
- Inventor and Entrepreneur Awards

<https://research.uga.edu/iga/awards/>



Shelley Hooks

*Associate Vice President for Research*

*Director, Offices of Postdoctoral Affairs, Internal Grants & Awards, and Research Personnel*

# Defense and Security Collaborations

- The role of Defense and Security Collaborations is to facilitate participation with and investments from U.S. Department of Defense agencies, the U.S. Department of Homeland Security, U.S. intelligence agencies, and the National Aeronautics and Space Administration.
- Defense and Security Collaborations provides:
  - Education and Outreach to UGA investigators to increase understanding and awareness of Defense and Security funding;
  - Liaison between UGA investigators and sponsor agencies;
  - Integration of UGA research capabilities to address sponsors' programs needs;
  - Support for proposal development and project execution.

<https://research.uga.edu/dsc/>



Marty Bink

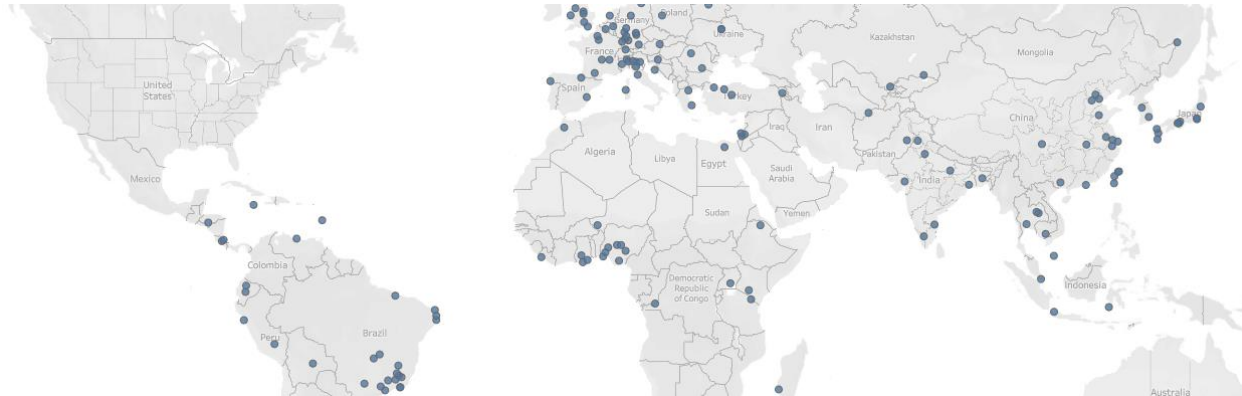
*Director, Defense and Security Collaborations*

# Office of Global Engagement

## Faculty Research Resources

- Global Research Collaboration Grants
- Other Support Programs
- Fulbright Scholar Program
- Public Diplomacy and International Technical Assistance Projects

## Partnership and Collaboration Assistance



<https://international.uga.edu>



Noel Fallows  
*Associate Provost, Global Engagement*



Brian Watkins  
*Director, International Initiatives*



# Research Integrity and Safety

- Animal Care\*
- Biosafety\*
- Human Subjects\*
- Research Safety\*
- Occupational Health
- Export Control
- Quality Assurance
- Conflict of Interest

← ORIS Support Services →

← Research Integrity →

<https://research.uga.edu/compliance>



Chris King  
*Associate Vice President for Research  
Office of Research Integrity and Safety*

# Research Integrity and Safety

## Guiding Principles

- Working to the “YES”
- Reducing burden
- Compliance ≠ Integrity
- Accountability is key

## Training

- Consolidated via Professional Education Portal (PEP)
- <https://pep.uga.edu/>



Chris King  
*Associate Vice President for Research  
Office of Research Integrity and Safety*

# Innovation Gateway

## Intellectual Property Protection & Licensing

- Negotiate material transfer and confidentiality agreements
- Evaluate inventions for patentability and commercial potential
- License technology to industry partners for commercialization
- Receive/distribute license revenue

## Entrepreneurship & Startups

- Guide researchers interested in exploring a startup
- Offer education and mentoring (I-Corps, Startup 101, Innovation Fellows)
- Access to funding: GRA Ventures, federal SBIR/STTR, & Angel/VC
- Incubator: Lab, office, co-working and prototyping space
- UGA Innovation District programming (e.g. Innovation Bootcamp)

<https://research.uga.edu/gateway>



Derek Eberhart  
*Associate Vice President for Research*  
*Executive Director, Innovation Gateway*

# Industry Collaborations

- Support faculty in establishing and maintaining research collaborations with industry
  - Identify potential industry partners to match your research interests
  - Facilitate interactions with industry partners (e.g., campus visits)
  - Assist with identifying best approach for partnering
  - Help “translate” corporate expectations
  - Connect faculty to the right internal resources
- Serve as a “first point of contact” for companies looking to partner with UGA
- Facilitate industry interactions for large programs, consortia
- Support relationship-building activities such as advisory boards, speakers, workshops, etc.

<https://research.uga.edu/industry/>



Crystal Leach  
*Director, Industry Collaborations*

# Innovation District



**Ian Biggs**  
Director, Startups  
Innovation Gateway

# Spring Street Building

## Audiences

- Primarily faculty entrepreneurs
- Industry partners
- Students with commercial ideas
- Community projects

## Activities

- Practical, hands on commercialization
- Entrepreneurial community building
- Maker space and VR/AR
- Mentor program
- Funding advice and coaching

<https://innovation.uga.edu>

# Research Communications

## Two broad missions

- Raise visibility and reputation of UGA research
- Serve as link between Office of Research services and their audiences within & beyond UGA research enterprise

## Activities & services

- Research news center in collab w/UGA MarComm
- @UGAResearch website, e-newsletter & social media
- Content & media relations support for research-related news
- Development support for 100+ Office of Research websites
- Internal creative & trademark shop for print collateral, marketing giveaways, etc.
- Advisory function for internal/external marketing communications



<https://research.uga.edu/news>

Mike Terrazas  
*Director, Office of Research  
Communications*



# Core Facilities and Research Services:

## UGA core labs and services

- Animal Health Research Center
- Bioexpression and Fermentation Facility
- Bio-imaging Research Center
- Biomedical Microscopy Core
- CCRC Analytical Services
- Center for Applied Isotope Studies
- Center for Drug Discovery
- Clinical & Translational Research Unit
- Comparative Pathology Laboratory
- Cytometry Shared Resource Laboratory
- Georgia Advanced Computing Resource Center
- Georgia Electron Microscopy Laboratory
- Georgia Genomics & Bioinformatics Core
- Instrument Design & Fabrication Shop

- Impact Evaluation Unit
- Integrated Bioscience/Nanotechnology Cleanroom
- Proteomic and Mass Spectrometry Facility
- Scientific Glass Blowing Shop
- Research Animal Resources
- Statistical Consulting Center
- Survey Research Center

## Unique research sites and resources

- University of Georgia Marine Institute
- Skidaway Institute of Oceanography
- Savannah River Ecology Laboratory
- UGA-Tifton and Griffin
- Extension partners

## Georgia Core Alliance:

- Augusta University/Medical College of Georgia
- Emory University
- Georgia Tech

<https://research.uga.edu/core-facilities/>



**Carl Bergman**

*Associate Vice President for Research*  
Core labs and Research facilities



# Research Centers and Institutes

## Centers:

- Center for Applied Isotope Studies
- Center for Drug Discovery
- Center for the Ecology of Infectious Diseases
- Center for Food Safety
- Center for Geospatial Research
- Center for Integrative Conservation Research
- Center for International Trade & Security
- Center for Molecular Medicine
- Center for the Study of Global Issues
- Center for Tropical & Emerging Global Diseases
- Center for Vaccines & Immunology
- Complex Carbohydrate Research Center
- The Plant Center
- Plant Phenomics & Robotics Center
- Poultry Diagnostic & Research Center
- Regenerative Bioscience Center
- River Basin Center
- Savannah River Ecology Laboratory
- Willson Center for Humanities & Arts

## Institutes:

- Biomedical and Health Sciences Institute
- Institute of Bioinformatics
- Institute for Int. Biomedical Regulatory Sciences
- New Materials Institute
- Owens Institute for Behavioral Research
- Skidaway Institute of Oceanography
- University of Georgia Marine Institute

## Programs and Initiatives:

- Georgia Clinical & Translational Science Alliance
- Clinical & Translational Research Unit
- Chemical Biology Group
- Developmental Biology Alliance
- Faculty of Infectious Diseases
- Faculty of Robotics
- Georgia Initiative for Climate & Society
- Obesity Initiative

<https://research.uga.edu/centers-institutes/>

# Biomedical & Health Sciences Institute

## Research Support/Collaborations

- Georgia Clinical & Translational Science Alliance ([Georgia CTSA](#))
- Clinical & Translational Research Unit ([CTRU](#))

## Education/Training

- Graduate certificate/Masters Clinical Research
- Workshops (e.g. grant writing, team building)

## Funding

- Annual CTSA Pilot Grants ([RFP](#) Nov/Dec)
- CTRU ([seed grants/vouchers](#))



**Brad Phillips**

*Director, BHSI and CTRU  
UGA PI, Georgia CTSA*



# Owens Institute for Behavioral Research (OIBR)

## Comprehensive Pre- and Post Award Grant Support

- Geared toward faculty working in the Social & Behavioral Sciences, broadly defined
- Assistance with grant submission preparation and customized post-award accounting support

## Grantsmanship Development Program

- 2-year program designed to enhance competitiveness for extramural funding
- Workshops on NSF, NIH, DoD and foundation grants

## Enhancing Networking & Interdisciplinary Collaborations

- Events & activities to connect you with others on campus
  - e.g., invited talks, speed networking, UGA Centers of Excellence, OIBR work groups

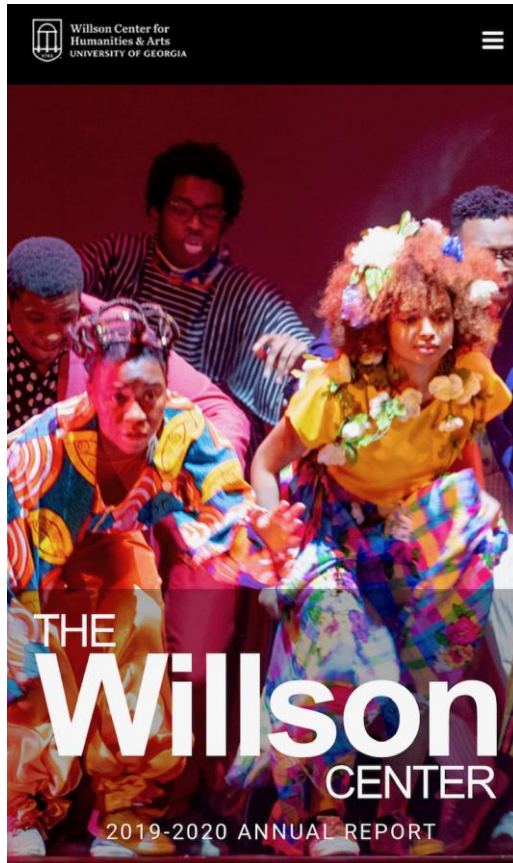
<https://oibr.uga.edu>



Lillian Eby

*Director & Professor of Psychology*

# Willson Center for Humanities and Art



Nicholas Allen  
*Director, Willson Center*

## GLOBAL GEORGIA

The Willson Center actively pursues support from organizations like The Andrew W. Mellon Foundation, which awarded a major grant for three Global Georgia public initiatives: a series of faculty and graduate student-led research projects, an annual statewide Georgia Humanities Symposium, and the community-based Humanities in Place program.



## HUMANITIES IN PLACE

UGA students took part in a day of service at Gospel Pilgrim Cemetery in Athens as part of a Humanities in Place project led by Ben Ehlers, associate professor of history.

<https://willson.uga.edu/>

## Associate Deans for Research

<b>Franklin</b>	Michelle Momany	<a href="mailto:mmomany@uga.edu">mmomany@uga.edu</a>
<b>Pharmacy</b>	Michael Bartlett	<a href="mailto:mgbart@uga.edu">mgbart@uga.edu</a>
<b>Agriculture</b>	Allen Moore	<a href="mailto:ajmoore@uga.edu">ajmoore@uga.edu</a>
<b>Vet Med</b>	Sharron Quisenberry	<a href="mailto:Sharron.Quisenberry@uga.edu">Sharron.Quisenberry@uga.edu</a>
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<b>FCS</b>	Linda Fox	<a href="mailto:lkfox@uga.edu">lkfox@uga.edu</a>
<b>Grady-Journalism</b>	Jeff Springston	<a href="mailto:jspring@uga.edu">jspring@uga.edu</a>





**Stay connected to  
the Office of  
Research!**

**research.uga.edu**

**<https://research.uga.edu/directory/>**

**Shelley Hooks**

**shooks@uga.edu**



**Office of Research  
UNIVERSITY OF GEORGIA**

# Breakout Sessions

## 1. Submitting and managing grants and contracts:

**Session host:** Jill Tincher, Sponsored Projects Administration (SPA)

**Cathy Cuppett**, SPA pre-award

**Brad Langford**, SPA post-award

## 2. Programs to support faculty research development and collaboration:

**Session host:** Larry Hornak, Integrative Team Initiatives

**Shelley Hooks**, Internal programs, Research personnel

**Jake Maas**, Proposal Enhancement

**Brian Watkins and Noel Fallows**, Global Engagement

**Marty Bink**, Defense and Security Collaborations

## 3. Research integrity, safety and compliance

**Session host:** Chris King, Research Integrity and Safety

**M.A. McCrackin**, University Research Animal Resources

**Leanne Alworth**, Office of Animal Care and Use

**Lisa Kelly**, Research Integrity and Safety Support Services

## 4. Industry engagement, Entrepreneurship, and Innovation

**Session host:** Derek Eberhart, Innovation Gateway

**Ian Biggs**, Innovation District

**Crystal Leach**, Industry Engagement

## 5. Research Core laboratories and facilities

**Session host:** Mike Terrazas

**Carl Bergman**, Research Facilities and core labs

## 6. Office of Research Centers/institutes

**Session host:** Brad Phillips, Biomedical Health Sciences Institute, Clinical and Translational Research

**Nicholas Allen**, Willson Center for Humanities and Art

**Lillian Eby**, Owens Institute for Behavioral Research

Links to Individual sessions are provided in the “Chat” panel.