UGA's Research Mission

Chris King, Interim Vice President for Research
Jill Tincher, Executive Director, Sponsored Projects Administration
Jake Maas, Director, Office for Proposal Enhancement

August 9, 2024

UNIVERSITY OF GEORGIA
Office of Research

Welcome!

Interim
Vice President
for Research
Chris King

College of Veterinary Medicine
Department of Population Health

The 2025 Strategic Plan sets a course to reach new heights of excellence through three broad and mission-centered strategic directions.

1. Promoting excellence in teaching and learning
2. Growing research, innovation, and entrepreneurship
3. Strengthening partnerships with communities across Georgia and around the world

Your Research, Scholarly and Creative Activities are Central to Achieving UGA's Strategic Goals

Your…

- Teaching of your students engaged in research, outreach and creative work,
- Impactful research and scholarship programs you develop, and
- The partnerships and trusted relationships you build

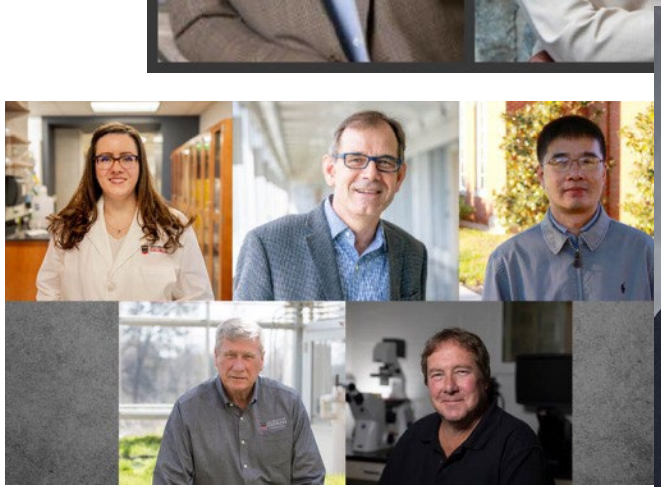
are all fundamental to achieving UGA's Strategic Plan and UGA's Research Goals

UGA faculty earning external recognition

Guggenheim Foundation

National Academy of Sciences

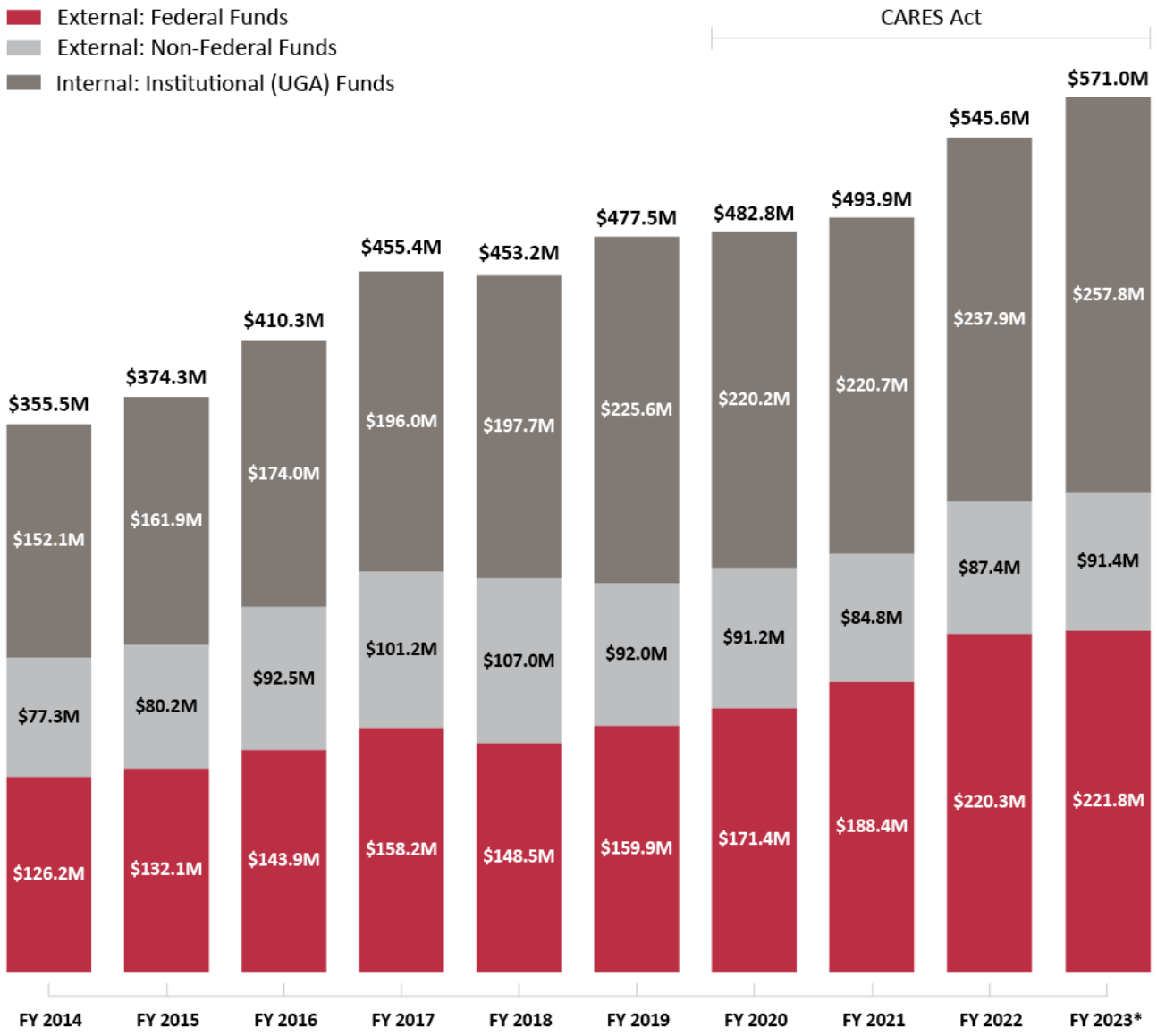
MacArthur Foundation



National Academy of Inventors

American Academy of Arts & Sciences

FY 2023 NSF Higher Education Research & Development (HERD) Expenditures



NSF HERD Rankings: FY 2022 R&D Expenditures

TABLE 21

Higher education R&D expenditures, ranked by FY 2022 R&D expenditures: FYs 2010–22

(Dollars in thousands)

Institution	Rank	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Rutgers, State U. New Jersey, New Brunswick	46	428,432	432,306	434,901	493,320	644,116	628,613	630,212	681,719	706,282	657,249	688,077	643,955	712,231
U. Utah	47	379,200	414,316	430,056	494,058	486,140	518,928	350,212	380,295	552,306	601,133	607,061	624,737	670,119
U. Virginia, Charlottesville	48	276,308	398,096	383,359	385,828	358,576	373,218	397,458	469,682	551,761	613,938	652,002	611,313	662,658
U. Cincinnati	49	411,269	448,936	433,668	438,642	422,873	436,028	430,579	455,250	480,095	529,796	530,138	551,826	615,070
U. Colorado Boulder	50	349,449	390,677	392,004	385,849	379,475	420,775	453,123	499,389	514,573	513,822	525,674	547,724	611,380
U. Colorado Anschutz Medical Campus[c]	51	na	na	na	na	na	na	na	na	na	na	na	562,855	611,358
U. Iowa	52	444,034	443,893	446,429	435,377	449,147	443,218	473,362	494,280	511,973	508,353	538,583	553,876	594,215
Virginia Polytechnic Institute and State U.	53	398,169	450,058	454,417	496,169	513,149	504,282	521,773	522,425	531,636	541,969	556,341	542,045	591,861
U. Chicago	54	437,721	453,562	419,631	402,621	390,082	412,536	420,997	433,328	423,993	459,171	458,891	497,651	591,805
North Carolina State U.	55	369,795	378,154	404,885	417,468	446,118	468,008	488,918	509,445	509,841	541,108	546,008	547,118	588,888
U. Georgia	56	295,339	335,901	351,395	350,225	355,471	374,264	410,345	455,432	453,249	477,536	482,786	493,944	545,631
U. California, Irvine	57	327,594	344,678	350,030	347,773	340,056	329,798	345,319	361,414	426,610	448,967	490,597	523,752	534,947
Scripps Research Institute	58	387,298	400,768	398,673	399,899	386,231	384,161	364,670	354,582	396,839	427,734	444,964	485,435	492,639
Oregon Health and Science U.	59	314,990	334,324	305,530	308,767	314,802	326,915	331,524	348,449	372,180	415,629	446,890	452,812	479,226
California Institute of Technology	60	362,172	377,514	379,713	347,105	367,182	374,424	371,060	400,312	391,003	399,931	449,651	438,624	478,142

UGA

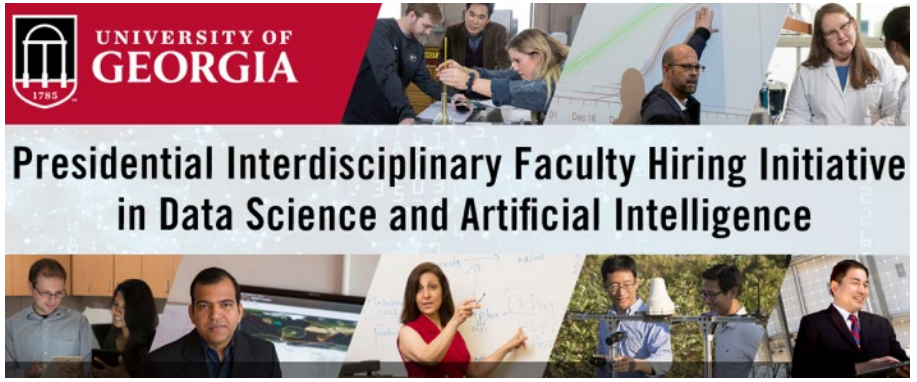
Research Excellence

Provost's Task Force on Academic Excellence

- Precision agriculture
- Environmental sciences
- Biomedical science (especially brain science)
- Social science
- Security—cybersecurity, national security, food security

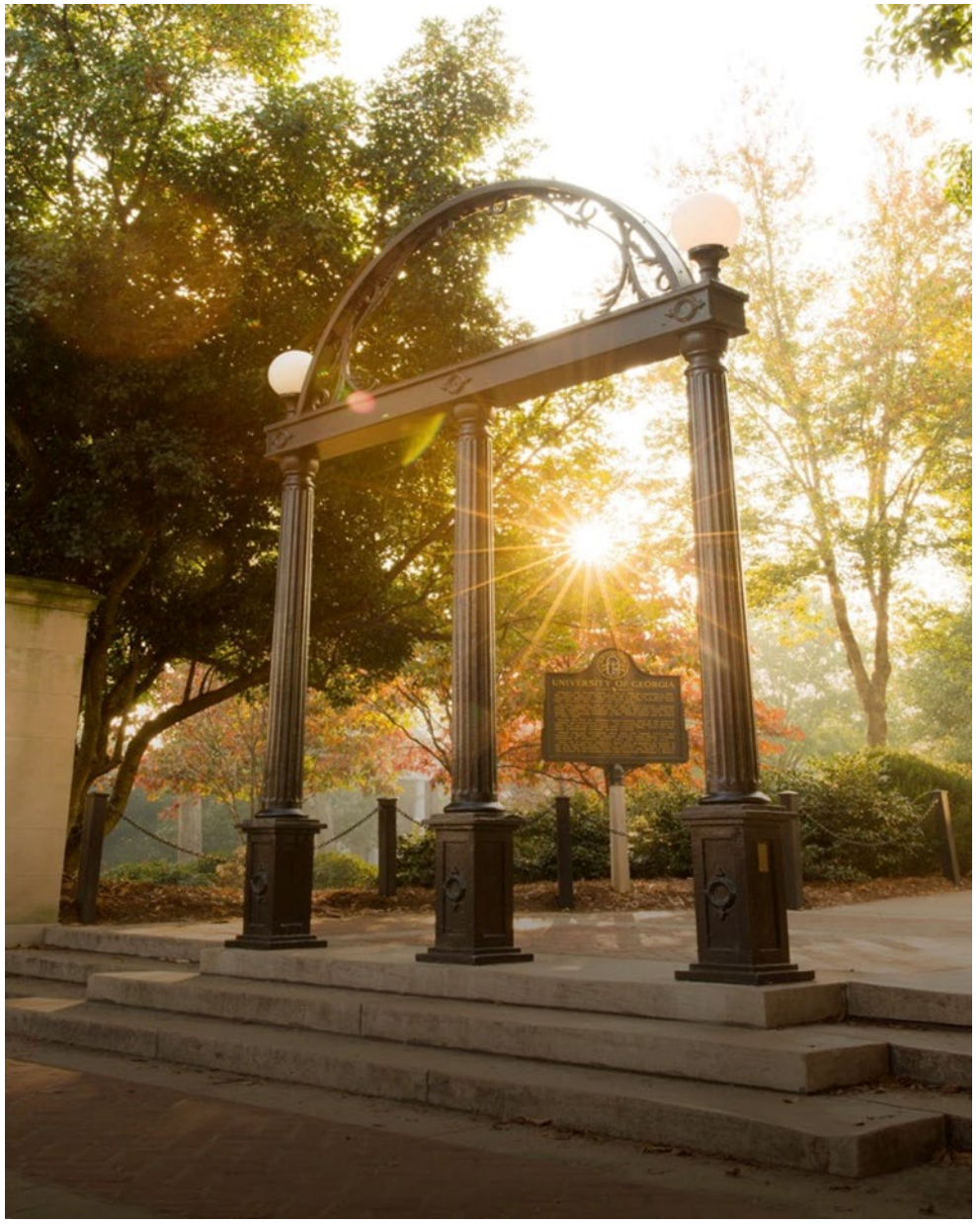
Cluster hire initiatives

- Artificial intelligence, machine learning, & data science
- Integrated precision agriculture
- Brain & behavioral health



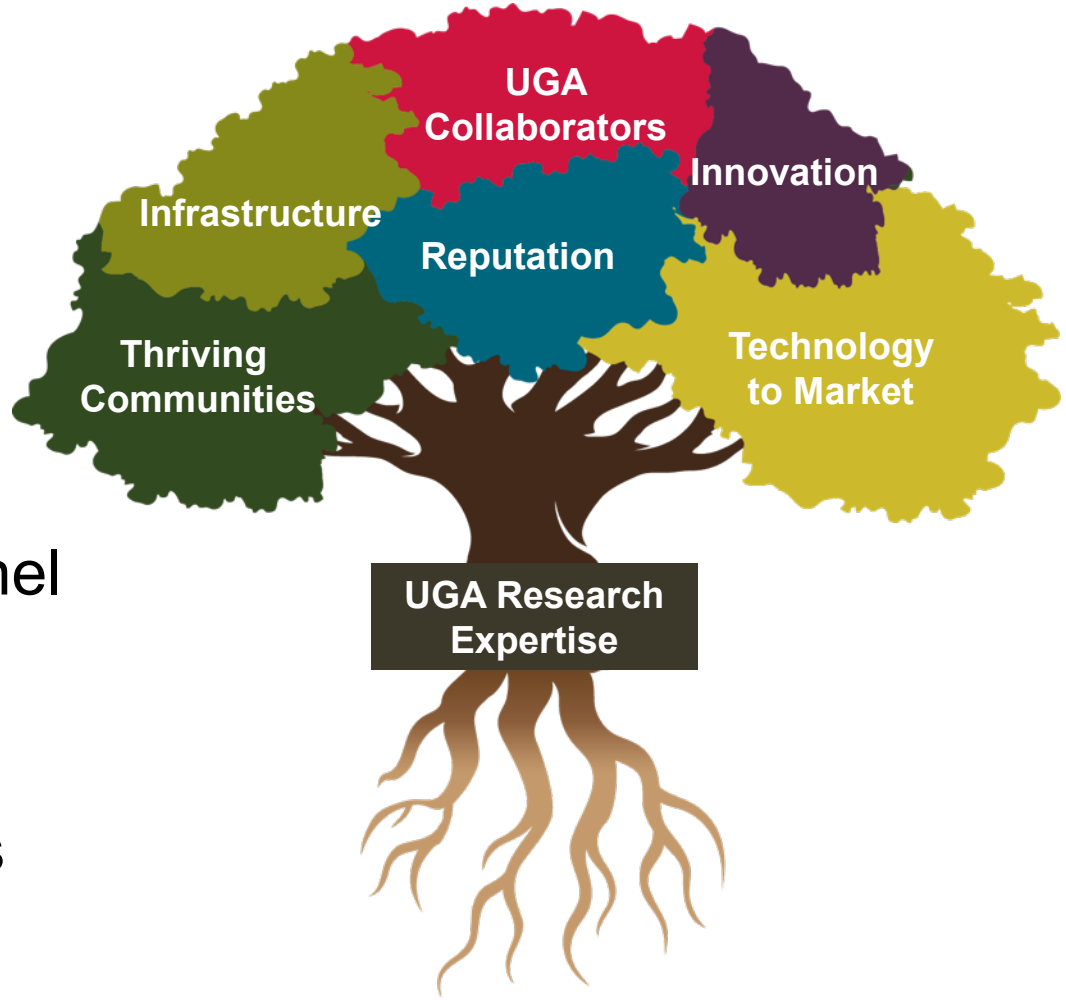
Office of Research is

Enabling Discovery to Build a Better World



How do we encourage and support research?

- Seed grants
- Team building
- Proposal development & submission
- Partnerships & initiatives
- Facilities, technology & resources
- Honors & recognition
- Safety & advocacy for research personnel
- Legal & ethical compliance
- Intellectual property & new ventures
- Communicate UGA research successes



How We Encourage

18 interdisciplinary research centers, institutes & initiatives.

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

Three examples:

- Owens Institute for Behavioral Research
- Willson Center for Humanities & Arts
- Complex Carbohydrate Research Center

Jody Clay-Warner
OIBR

Nicholas Allen
Willson Center

Michael Tiemeyer
CCRC

How We Encourage

Internal Grant programs

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

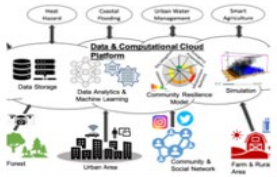
- Faculty Research Grants
  - Seed grants in sciences & engineering
  - Arts & Humanities (Willson Center)
  - “Grants on the Edge/within Reach”

- Research Team Support
  - Team Formation & Development
  - Pre-Seed & Presidential Interdisciplinary Seed Grants
  - Large Team Leadership Training
  - Major Integrative Proposal Support

Larry Hornak
Integrative Team Initiatives

Interdisciplinary STEM Writing Team

Interdisciplinary Team for Aquaponics

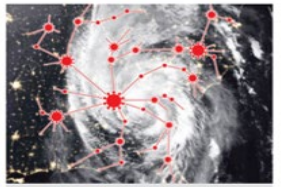


Secure and Privacy-Sensitive Data Science for Enabling Resilient Communities

Coastal Resilient Housing

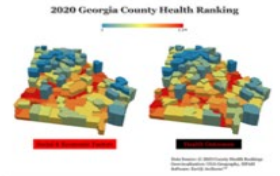
Combining terrestrial and aquatic perspectives to advance our understanding of ecosystems

Cyber-Physical-Social Convergence Team



Disasters Colliding: The Epidemiology of Severe Weather Events

Integrated Approaches to Address Current and Future High Consequence Biological Agents



Interdisciplinary Approaches to Social Determinants of Health Research

Systems Approach for Sustainable Strategies to Prevent Chronic Disease

The UGA HOST Research Initiative

UGA Innovation, Creativity, and Design Thinking Research Community

How We Support

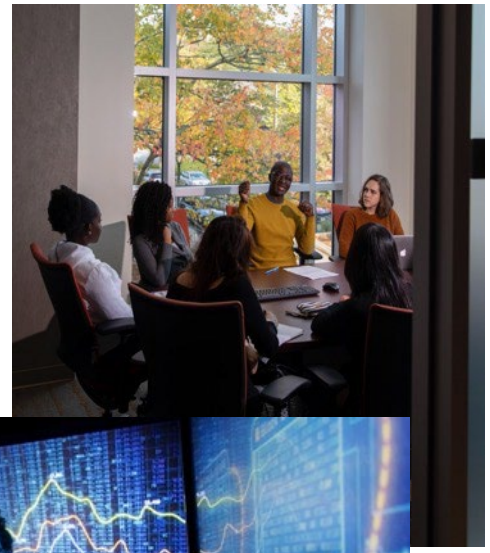
Proposal Development, Mission Agency Relationships

Jake Maas
Proposal Enhancement

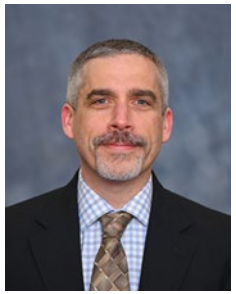
- Office for Proposal Enhancement
  - Large, complex proposal development
  - Resubmission strategy & narrative editing
  - Grantsmanship training

Larry Hornak
UGARI, Defense & Security Collaborations

- UGA Research Institute (UGARI), Office of Defense & Security Collaborations
  - Facilitates Defense, Energy, and Mission Agency relationships
  - Support faculty in mission-driven research and its special needs—proposal through execution



How We Support



Eric Ferreira
Interim Associate Vice President for Facilities & Infrastructure

Carl Bergman
Special Advisor: Research Core Facilities

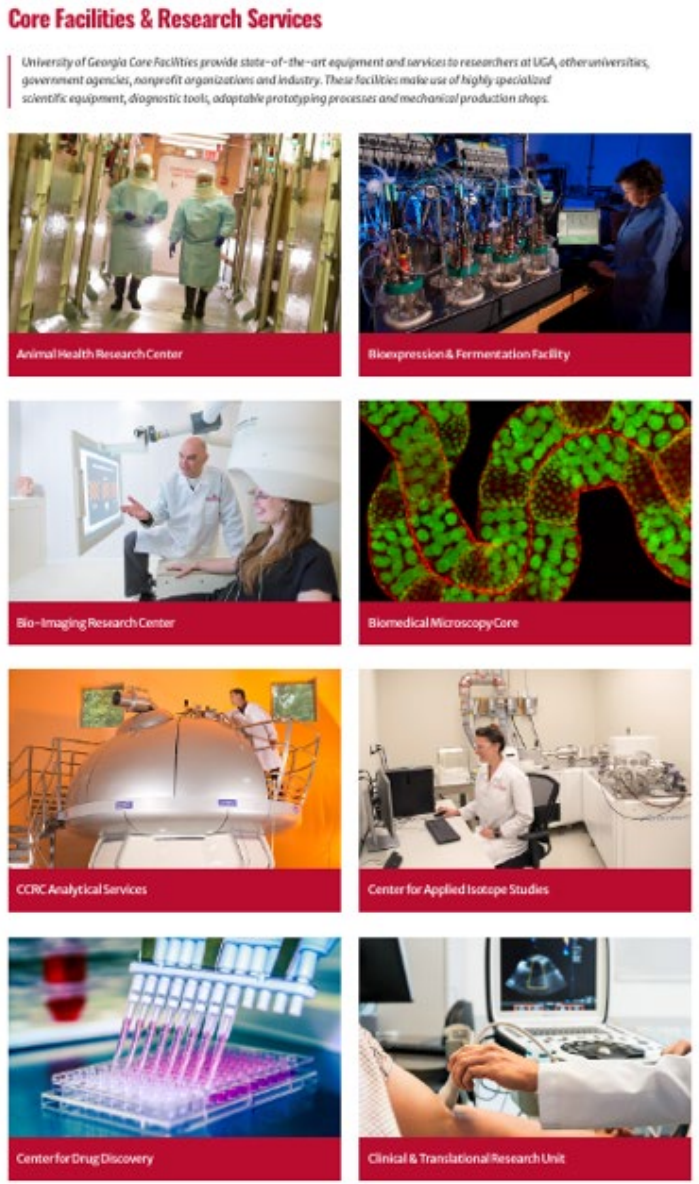
Core Facilities

- Instrument Design & Fabrication
- Center for Applied Isotope Studies Analytical Services
- Georgia Electron Microscopy

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

Unique Facilities

- UGA Marine Institute
- Skidaway Institute of Oceanography
- Savannah River Ecology Laboratory (SREL)
- UGA-Tifton and Griffin



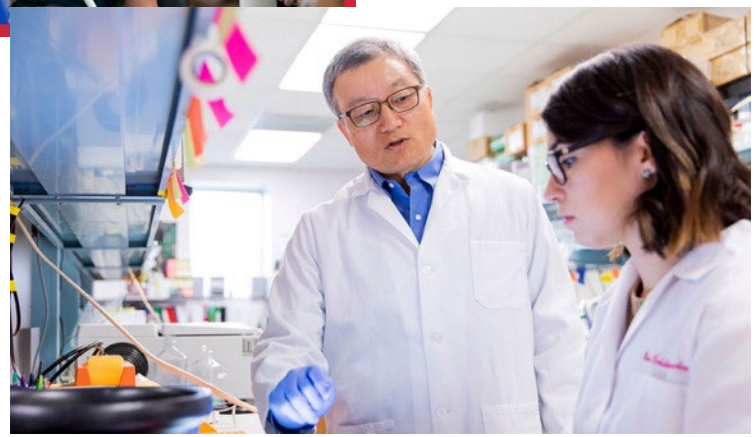
How We Support

Innovation Gateway

https://research.uga.edu/gateway

Assists faculty & students with:

- Intellectual property protection & licensing
- NSF I-Corps, Accelerator
- Programming for aspiring innovators
- Startup incubator space
- Growing Innovation District



Derek Eberhart
Entrepreneurship &
Technology Transfer

Campus Partner:

Office of Business Engagement

https://dar.uga.edu/business-engagement

- Facilitates partnerships with industry

We Help to Assure Research with Integrity

The Office of Research Integrity & Safety (ORIS) supports studies with:

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

ORIS also supports:

- *Export control*
- *Research security*
- *Research/lab safety*
- *Occupational health*
- *Research misconduct*
- *NAGPRA*

Chris King
Research Integrity & Safety

https://research.uga.edu/integrity

How We Support

Jill Tincher,
Sponsored Projects

Sponsored Projects https://spa.uga.edu

- Proposal review & submission
- Award receipt, negotiation & account set-up
- Financial management: invoicing, reporting & compliance
- Find funding
  - Pivot database:
  - https://guides.libs.uga.edu/grants/pivot

Jessica Farmer,
Research Personnel

Personnel

- Postdocs
- Visiting scholars
- Research scientists

https://research.uga.edu/personnel/

Sponsored Projects

Jill Tincher, Executive Director, Sponsored Projects Administration

August 9, 2024

UNIVERSITY OF GEORGIA
Office of Research

UGA FACULTY

What are Sponsored Projects?

(externally funded)

RESEARCH

INSTRUCTION

COOPERATIVE EXTENSION

AGRICULTURAL EXPERIMENT STATION

OTHER SPONSORED ACTIVITIES

PUBLIC SERVICE

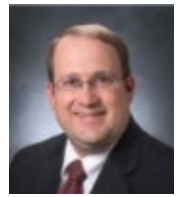
Sponsored Projects Administration

Jill Tincher

Executive Director

Cathy Cuppett

Pre-Award Director



Brad Langford

Post-Award Director

Proposal Preparation & Submission

Manager TBD

Contracting/Subcontracting

Nick Hinson

Award Review, Negotiation & Set Up

Tammi Childs

Cash Application and Collection

Lynn Beard

Financial Invoicing & Reporting

Callie Mobley

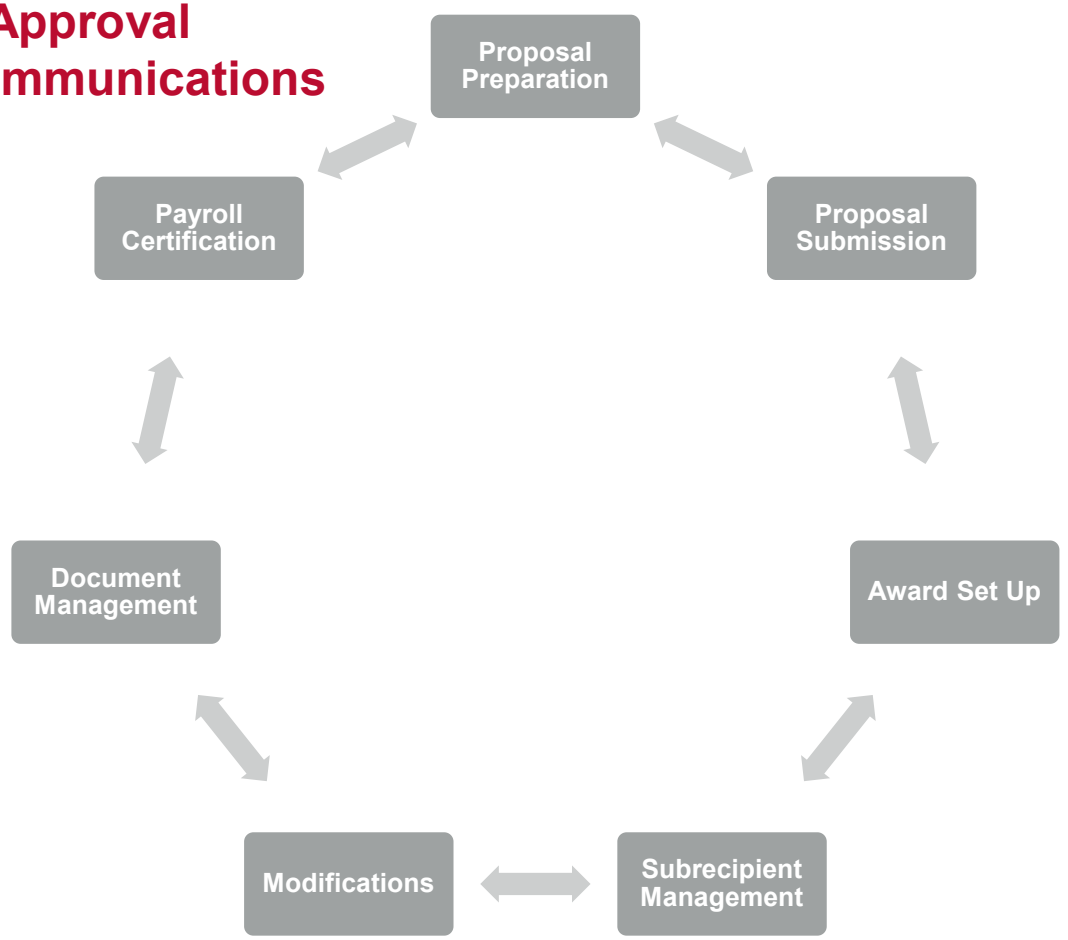
Compliance

Gail Chester

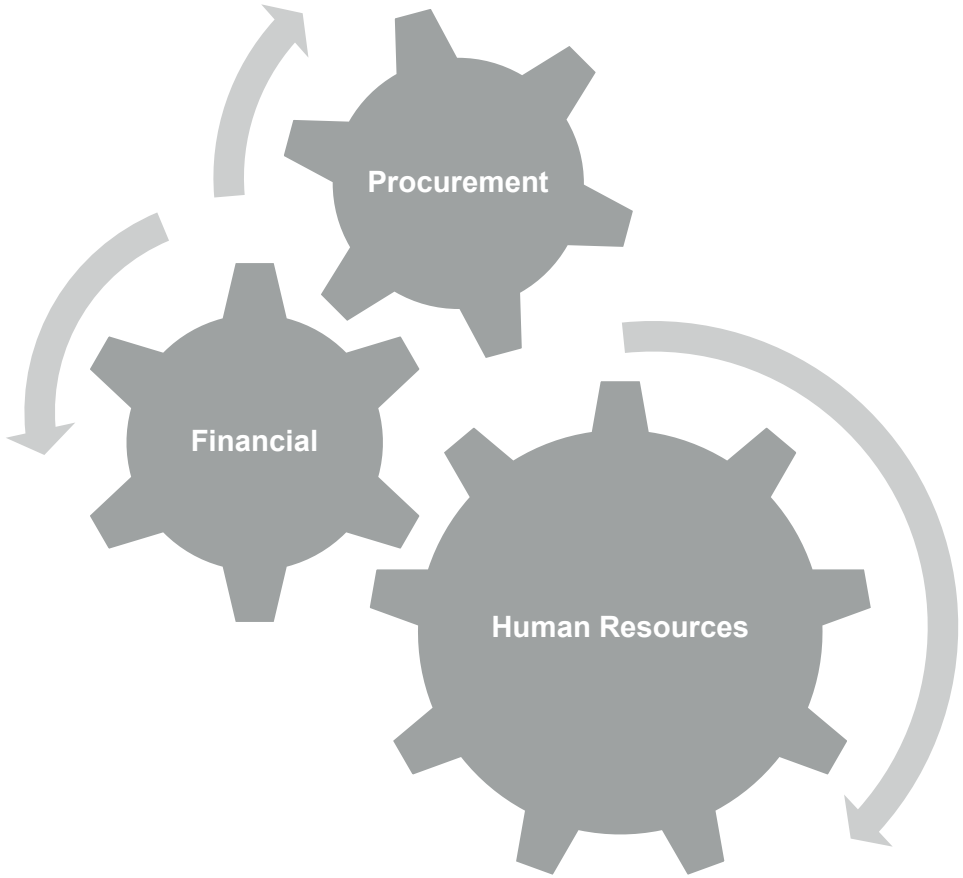
UGA SPA-Related Systems

- Workflow
- E-Routing
- E-Approval
- Communications

Grants Portal



Financial Management System



Resources

Unit and Central Administrators

Delegated Limited Signature Authority

In-Person and Virtual Training

Robust Website
www.spa.uga.edu

PSR Lite
Project: RNIHX0001248701 - Capturing the genomic variatio
Date Range: 8/20/2020 - 7/31/2025
Project Manager: Kissinger, Jessica (1802824)

PM Name: Kissinger, Jessica (1802824)
Project ID Descr: RNIHX0001248701 - Capturin...
Project Activity ID Descr: A00 - Capturing the genomic v...

Account Summary

Proj Budget Type	Account Level 2	Budget Amount	Encumbrance Amount	Actual Amount	Balance
Over the Cap	Personal Services Expense	$28,290.28	$0.00	$20,741.99	$7,548.29
	Subtotal	$28,290.28	$0.00	$20,741.99	$7,548.29
Sponsor Funded	Personal Services Expense	$802,188.00	$115,330.32	$469,719.60	$217,138.08
	Travel	$24,300.00	$0.00	$19,038.34	$5,261.66
	Op Supplies & Expenses	$396,482.00	$43,413.34	$363,139.10	($10,070.44)
	Equip/Capital Outlay	$28,237.00	$0.00	$26,894.40	$1,342.60
	Subtotal	$1,251,207.00	$158,743.66	$878,791.44	$213,671.90

Sponsored Projects Reporting

How Can SPA Help You?

Proposal Enhancement

Jake Maas, Director

August 9, 2024

UNIVERSITY OF GEORGIA
Office of Research

Office for Proposal Enhancement

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

Jake Maas

Director

Rebecca Kirkland

Proposal Development Officer

Rachel Ankirskiy

Research Development Professional

Proposal Development Support

- Large, complex proposals (3+ months' lead time)
- Proposals with broad institutional benefit: instrumentation, training grants, DEIA, IE
- Resubmissions
- Smaller proposals as we have time and capacity

Over 7.5 Years OPE has:

- Worked on **550+** proposals potentially worth over **$1.7B**
    - Average proposal amount over **$3M**
- Helped bring in over **$230M** in extramural funding
- Conducted grantsmanship events involving **2000+** faculty, postdocs, and grad students

Project Management Services

- Project Management (timeline/checklist for all proposal parts, schedule and coordinate meetings, etc.)
- Provide strategic advice on making proposal competitive
- Connect investigators with UGA resources, offices, units
- Coordinate collaborating institutions for a proposal
- Assist with sponsor communications
- Coordinate with SPA/DLSA

- Provide outlines for narratives and ancillary components
- Write sections as appropriate (e.g., resources, management, timeline, communications, outreach, DEIA)
- Develop/review ancillary documents (biosketches, facilities, collab letters, etc.)
- Edit proposal drafts
- Coordinate institutional support requests
- Manage “Red Team” review
- Assist with post-submission revisions

Other Proposal-Specific Services (4+ weeks' lead time)

Resubmissions

- Analyze proposal reviews
- Talk through reviews with investigators
- Develop "resubmission strategy" in consultation with investigators
- Provide feedback/editing on resubmission

Proposal Editing (as capacity permits)

- Conformity with solicitation
- Effectiveness of argument for funding
- Organization, clarity, flow
- Word choice, grammar, spelling

General Proposal Support

- Newsletters/Listserv announcements of funding opportunities
  - Large Grants/Limited Submissions weekly email
  - Monthly Grants sections in Research Insights
- Share successful proposals (with PI permission)
- Maintain up-to-date boilerplate for core facilities, centers/institutes, broadening participation, other institutional commitments
- Provide templates for most documents
- Assist faculty in navigating through administrative structures within UGA
  - Coordinate with SPA/DLSAs/Grant Coordinators

Grantsmanship/Outreach

- General and bespoke workshops, webinars, and presentations
- Departmental/unit outreach
- External speakers, infosessions, and workshops
- Panel Discussions
- Peer Review for NSF CAREER program
- Subscribe to our Youtube channel: https://www.youtube.com/channel/UCCDpdKr6tPBP66UOciwqDyQ

Impact of your Research, Scholarship and Creativity

#1 IN THE NATION
FOR NEW PRODUCTS TO MARKET
ON AUTM'S LIST OF U.S. COLLEGES & UNIVERSITIES

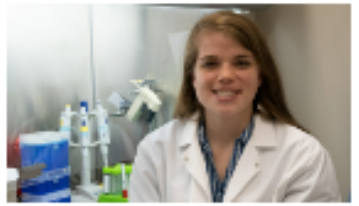
- *~1,200 products to date*
- *Vaccines, pharmaceuticals, turfgrass, peanuts, software, etc.*

AWARDS & HONORS

Fagbami named 2022 Burroughs Wellcome Fund PDEP Fellow

HUMANITIES & ARTS

Jamie Kreiner and the quiet forces of history



INFECTIOUS DISEASE

Increasing the knowledge base on brain-eating amoeba

ANTHROPOLOGY

UGA study asks: Did democracy have a separate origin in the Americas?

UGA Discovery → Impact: Technology Transfer

1200+ Products

Introduced to the Marketplace

Top 10

Licenses/Options with Industry among US Universities

60 Products

Reached the Market in FY2022

UGA Discovery → Impact: Startups

250+ Startups

Launched Based on UGA Research

$531 Million

Annual Economic Impact from Research-Based Startups

Top 15

For Active Startups among U.S. Public Universities

How We Support

Recognition for your Research Achievements

Chris King
Internal Faculty Honors

Jessica Farmer,
Research Personnel

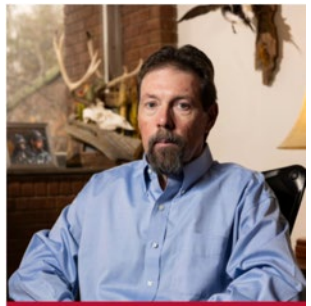
Internal Research Honors

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

- Nomination through Deans, Center/Institute Directors
- All Career Stages
- New Awards:
  - Team Impact
  - Non-Tenure Track Faculty Excellence
  - Research Communications
- Inventor and Entrepreneur Awards
- Postdocs and graduate students

Team CENHTRO
Team Impact Award

James Naigus
Early Career Scholar



Michael J. Chamberlain
Research Communications Award

Juliet Sekandi
Creative Research Medal

Soraya Leal-Bertioli
Non-Tenure Track Faculty Award

Stay Connected - Office of Research Channels

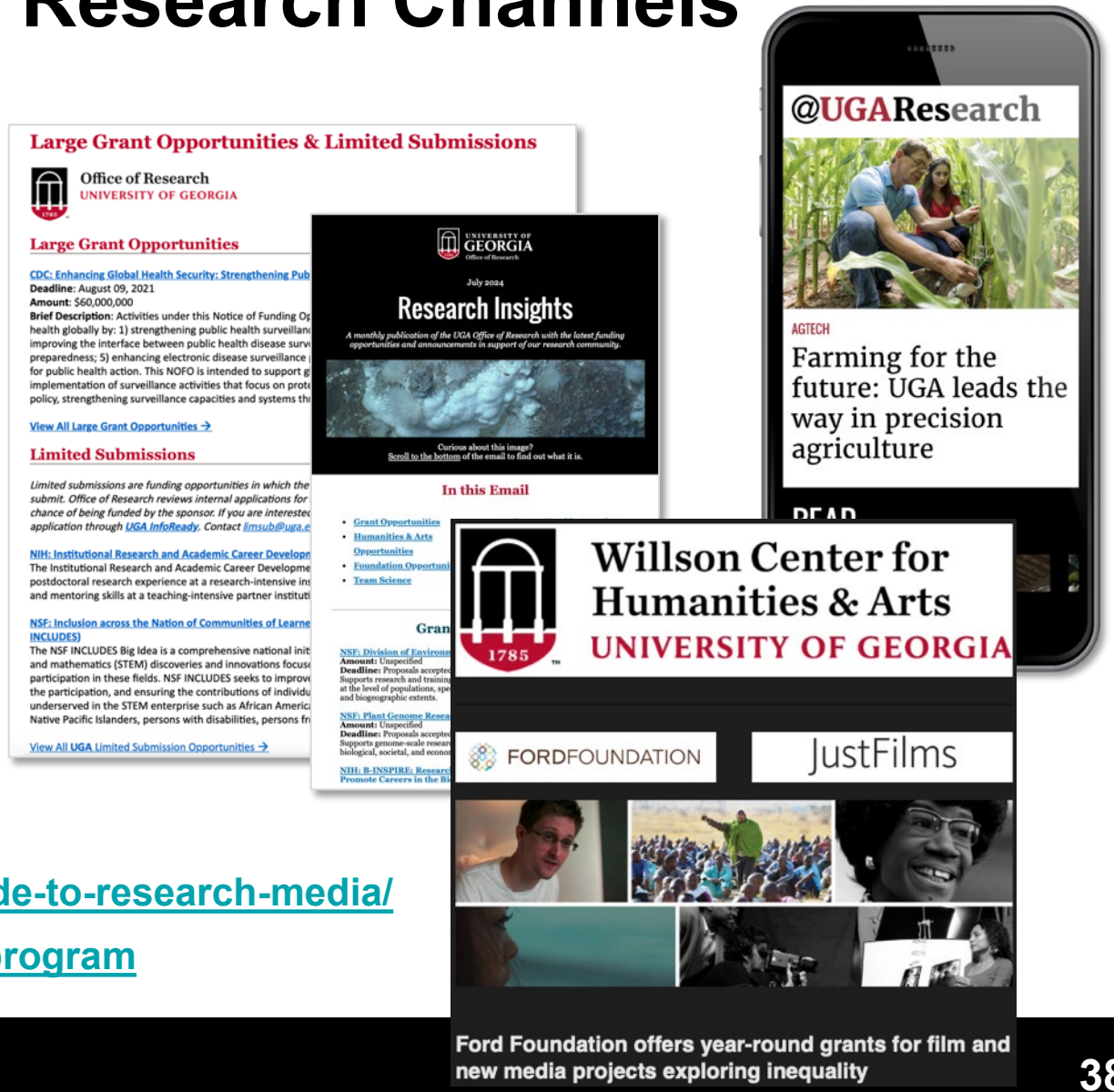
Mike Terrazas
Research Communications

Publications/Series

- Research Insights
- Research Live
- RCCR newsletter
- @UGAResearch website
- @UGAResearch newsletter
- Innovation Gateway newsletter
- Willson Center newsletter

Listservs

- VPR research faculty
- Large grants & limited submissions
- Postdocs
- Research Personnel



https://research.uga.edu/communications/guide-to-research-media/

https://research.uga.edu/start-your-research-program

Who to contact in the Office of Research?

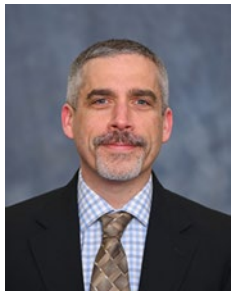
Chris King
Research Integrity and Safety; Research Security & Export Control, Internal Grants, Research Personnel

Jake Maas
Proposal Enhancement

Jill Tincher
Sponsored Projects

Mike Terrazas
Research Communications

Larry Hornak
Integrative Team Initiatives, Limited Submissions, Defense & Security Collaborations



Eric Ferreira
Research Facilities & Infrastructure

Derek Eberhart
Entrepreneurship & Technology Transfer

Carl Bergman
Research Core Facilities

We're here to help!

Toolkit to jumpstart your research

- https://research.uga.edu/start-your-research-program

Research Open House this fall

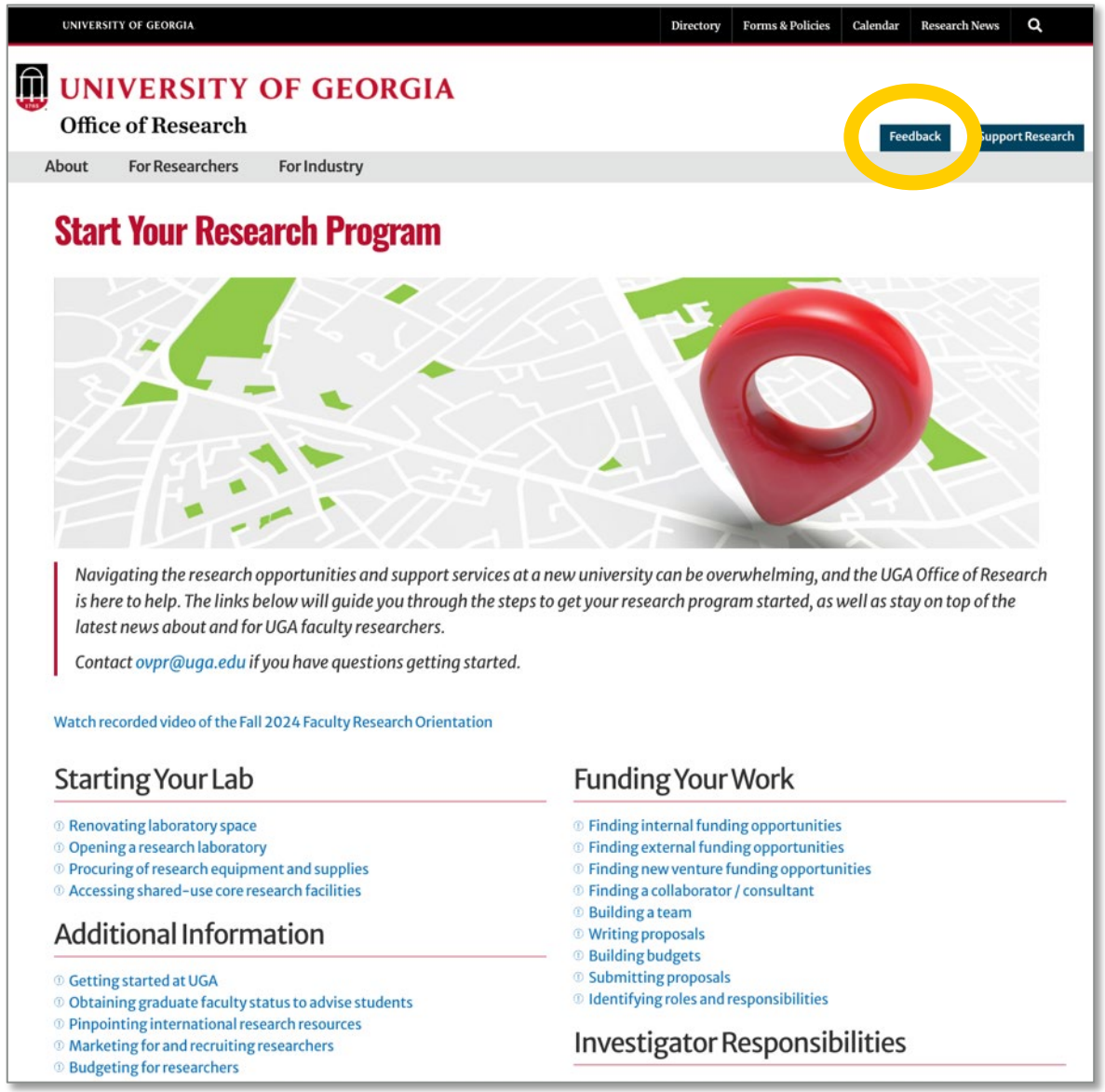
- Details coming soon

Not sure who to ask?

- ovpr@uga.edu or 706-542-5969

We want to hear from you

- Share your feedback



Thank you!

Questions for our Team?

UNIVERSITY OF GEORGIA
Office of Research