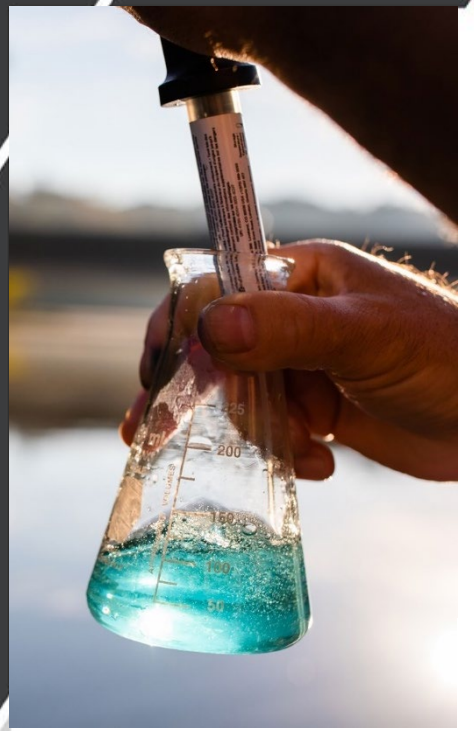


New Faculty Welcome 2025

Dan Sui, Senior Vice President for Research and Innovation

August 21, 2025

RESEARCH AND INNOVATION
VIRGINIA TECH

NEW FACULTY WELCOME 2025

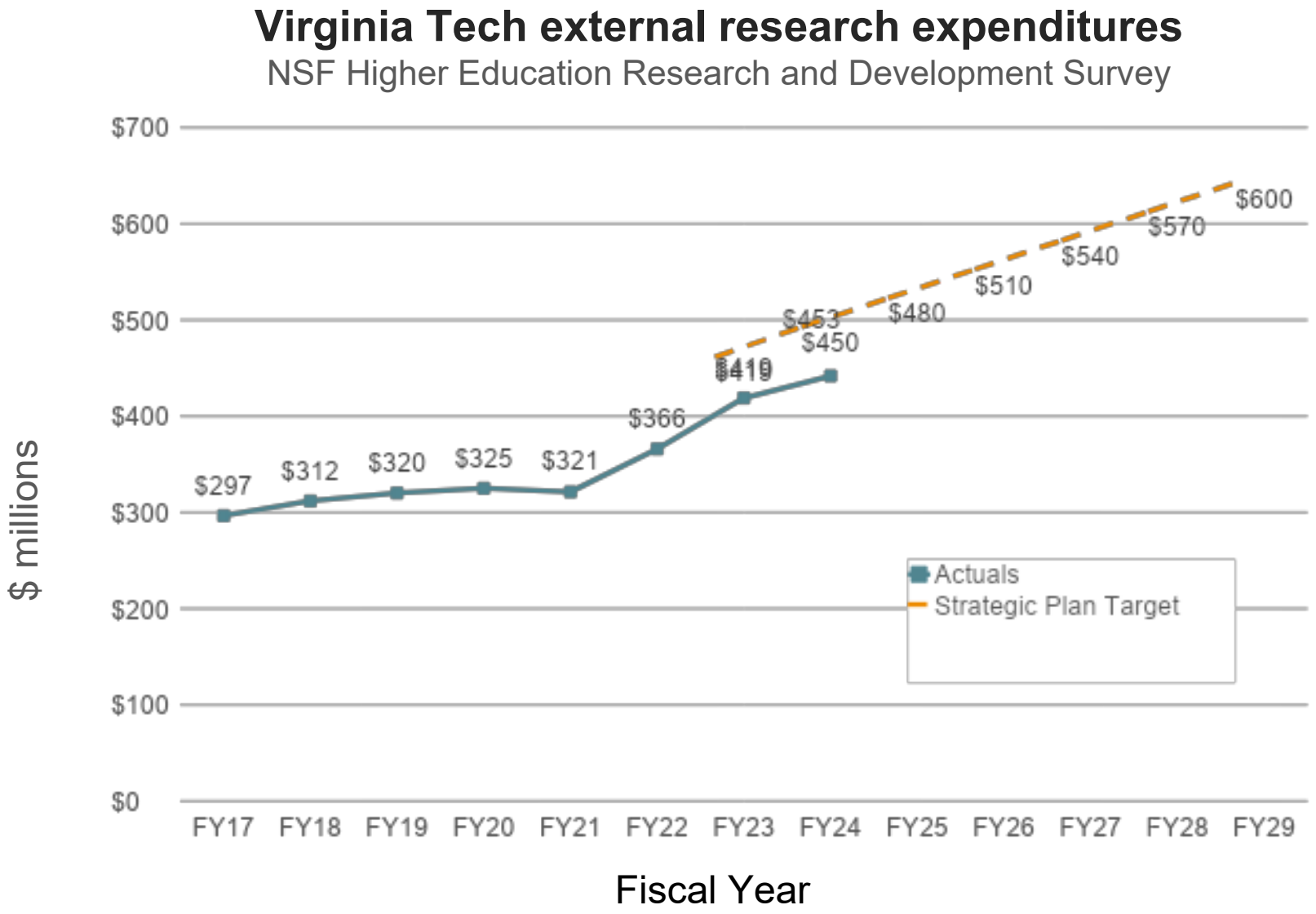
OFFICE OF RESEARCH AND INNOVATION

Planning and Proposal Development

Research Development Resources

Randy Heflin, Senior Associate Vice President,
Research and Innovation

External research expenditures continue a **strong upward trajectory**.



Research development in the Office of Research and Innovation

- The Office of Research and Innovation aims to ensure full-spectrum research development for the entire university research enterprise
- The objective is to make each phase of developing the research portfolio more efficient and effective – from the earliest stages of relationships with potential sponsors to awards being made

Expanding research development support

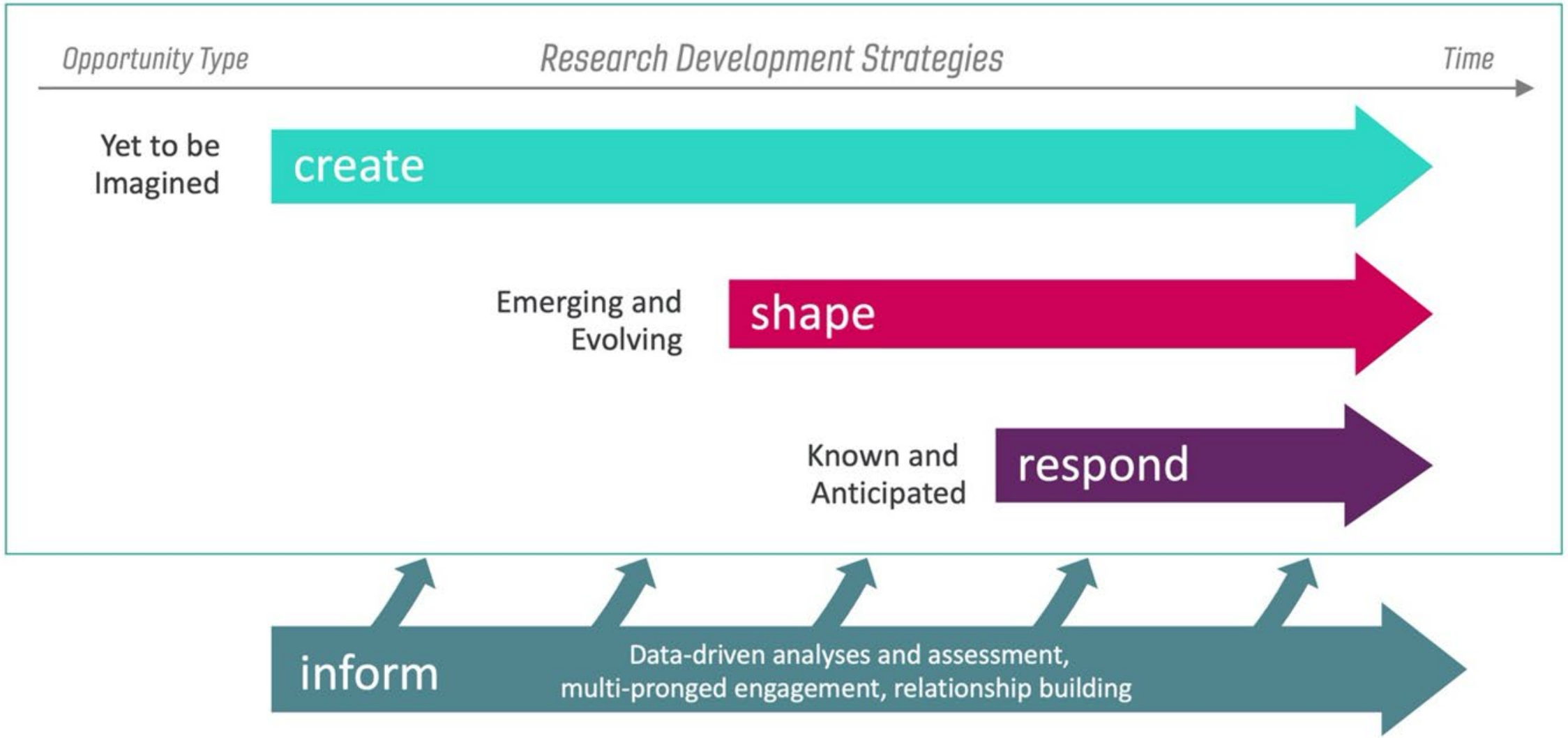
Steve McKnight
Vice President for Strategic Research Alliances

Randy Heflin
Senior Associate Vice President for Research and Innovation

Jon Porter
Associate Vice President for Strategic Research Alliances

Eleanor Nelsen
Senior Research Development Coordinator

Advancing research development across multiple timelines



Supporting proposals at all scales

FOUNDATIONAL SUPPORT

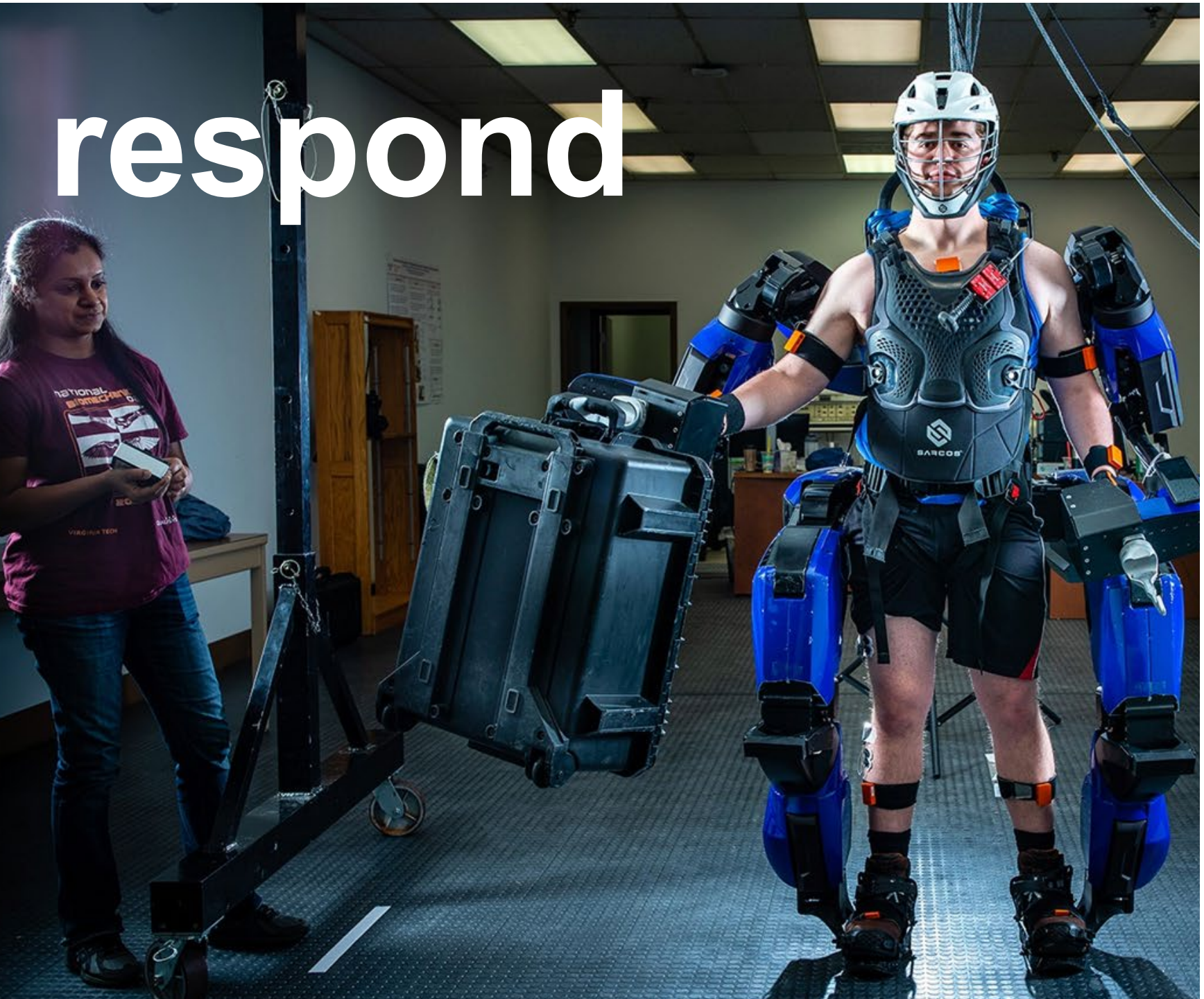
Develop and provide high-impact tools and resources applicable to diverse faculty and a range of proposals.

- On-demand **resources**.
- **Training** and events.
- Connections to **external resources**.

TARGETED SUPPORT

Lower barriers to leading large, complex proposals through services that allow faculty to focus on building collaborations and technical concepts.

respond



- Funding Institutional – customizable and searchable database of funding organizations and solicitations
- Proposal development support – in many colleges, departments, and institutes
- VT-FAST
- Example successful proposals – proposal library, colleagues and ADRs
- Proposal Development Institute
- NSF CAREER Award workshop
- NIH R01 Proposal Workshop
- Research Development Seminar Series (video archive)
- Limited Submissions
- Red Team review
- Cost-sharing and institutional commitment

Newest on-demand resources

https://www.research.vt.edu/research-development/resources.html

University-wide Proposal Library (~70 proposals)

- https://www.research.vt.edu/content/research_vt_edu/en/research-development/resources/proposal-library.html

Hanover Research Consultants

- Proposal Review and Grants Learning Center
- Perform a limited number of reviews of individual proposals each year

Publication Academy / Higher Ed +

- Video Tutorials on Wide Range of Topics of Academic Research and Careers
- Aimed at Various Levels – Faculty, Postdocs, Graduate Students, and Undergrads

Virginia Tech Institutes

Investment

- Fralin Life Sciences Institute (FLSI)
- Institute for Creativity, Arts, and Technology (ICAT)
- Institute for Critical Technology and Applied Science (ICTAS)
- Institute for Society, Culture, and Environment (ISCE)

Thematic

- Fralin Biomedical Research Institute (FBRI)
- Virginia Tech National Security Institute (VTNSI)
- Virginia Tech Transportation Institute (VTTI)

Shared Facilities:
https://www.research.vt.edu/about/institutes/investment-institutes/research-institute-facilities.html

Fralin Life Sciences Institute research infrastructure facilities

All labs are housed in Steger Hall on the Blacksburg campus

Facility for Advanced Imaging and Microscopy (FAIM)

- Advanced instrumentation for live cell imaging
- Equipment use and training
- Consultation and experimental design

Mass Spectrometry Incubator (MSI)

- Proteomic services
- Targeted small molecule detection
- Custom methods development

Flow Cytometry Laboratory (FCL)

- Cell imaging, quantification, and sorting applications
- Equipment use and training
- Method development and consultations

Genomics Sequencing Center (GSC)

- Next generation and Sanger DNA sequencing
- Sample QC
- Consultation and experimental design

Sponsor and corporate engagement

Office of Strategic Research Alliances

Contacts and engagement with federal agencies, foundations, companies, and other academic institutions

Steve McKnight and Jon Porter

LINK + LICENSE + LAUNCH

Corporate Partnerships and Foundations, Intellectual Property, Start-Up Company Formation

Brandy Salmon and Brad Fravel

Shape, create and inform

- Convene workshops or bilateral meetings with sponsors around emerging research topics
- Participate in agenda-setting activities by agencies, think-tanks, professional societies, NASEM
- Advocate development of new research programs at sponsors and agencies
- Build collaborative alliances to generate interest and momentum for new and emerging research
- Annual assessments of federal research budgets and spending (overall, agency, program, and award-level trends)

Shape, create and inform

- Promote awareness of Virginia Tech research interests, priorities and talent
- Organize faculty visits to research agencies and program managers
- Host agency visits to Virginia Tech
- Annual analysis of HERD, Federal Survey on Research, etc. to inform comparative standing
- Understanding the persona of successful proposers

NEW FACULTY WELCOME 2025

OFFICE OF RESEARCH AND INNOVATION

Office of Sponsored Programs

Pre-award and Summit

Lauren Magruder, Director of Pre-award

How can the OSP Pre-Award team help you?

At the Proposal Stage

- Reviews the Request for Proposal (RFP)
- Creates the budget in accordance with PI specifications
- Assists PI in completing sponsor forms
- Ensures appropriate reviews have taken place (COI, Export Control, Contractual, for example)
- Prepares cover letter/Reps-Certs/Sub forms
- Obtains all required signatures on proposal documents
- Reviews proposal for compliance with RFP
- Submits proposal to sponsor, or provides approval for PI to submit

After Submission

- Works with faculty to correct or resolve any issues in the proposal package
- Submits updates or revisions to the original proposal
- Coordinates answers to sponsor regarding proposals
- Files all after-submission communication
- Transmits award documents to Contracts team
- Answers questions from Contracts/Post-award

When should you initiate your proposal in Summit?

As soon as possible.

- As soon as you find an opportunity you want to apply to, initiate the proposal in Summit.
  - **https://summit.cloud.vt.edu/**
- This does the following:
  - Places your proposal on the Pre-Award calendar
  - Puts your proposal in your Pre-Award Associate's queue
  - Allows Sponsored Programs to do a RFP review
  - Allows Sponsored Programs to get Contracts get involved if needed
  - Lets Sponsored Programs review to see whether it is a Limited Submission opportunity
- Please contact the following with any questions:
  - Lauren Magruder, Director of Pre-Award **Lmagrude@vt.edu** or 540-231-8054

NEW FACULTY WELCOME 2025

OFFICE OF RESEARCH AND INNOVATION

Office of Sponsored Programs

Contracts and Agreements

Daniel Cockrum, Director of Contracts and Agreements

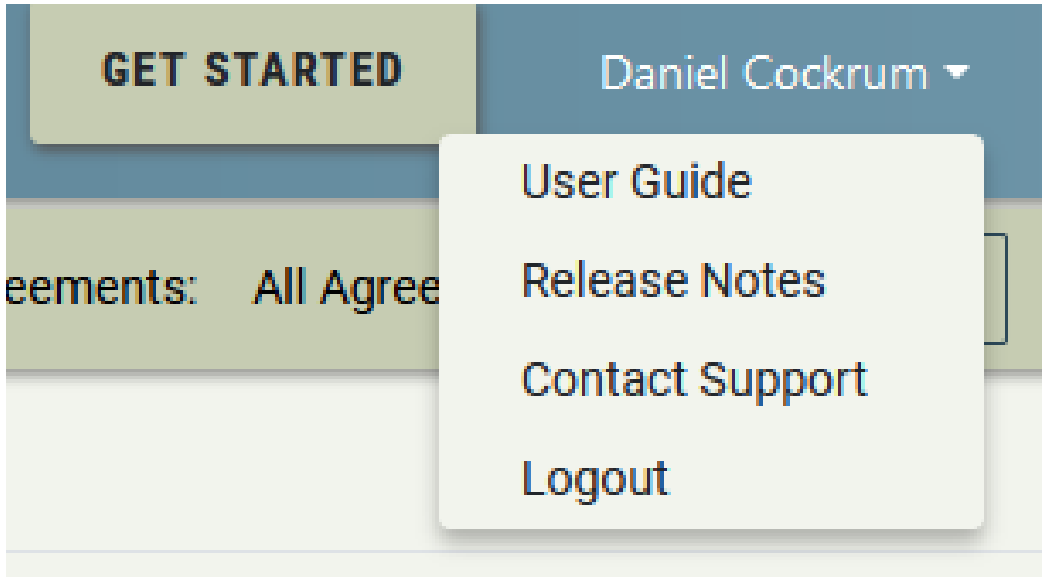
Office of Sponsored Programs - Contracts and Agreements

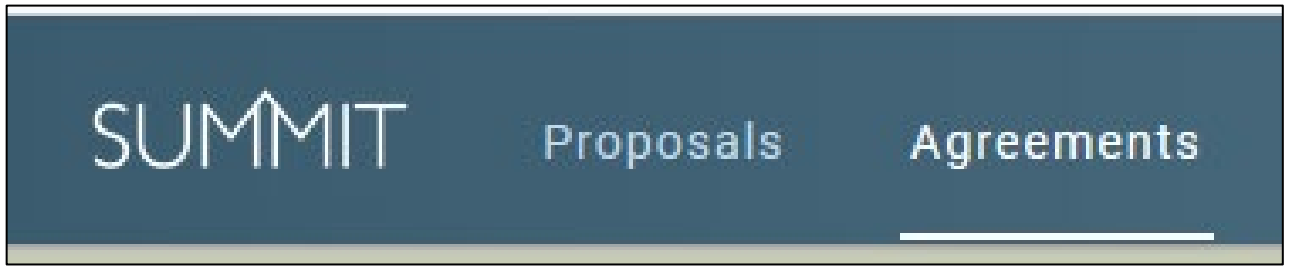
The Contracts Team reviews and executes many types of research-related contracts and agreements. Contracts and agreements are initiated in the following ways:

- Emailing **ospcontracts@vt.edu** or **ospawards@vt.edu** with sponsor acceptance of award for proposed funded agreement.
- **Summit Agreements** (**https://agreements.summit.cloud.vt.edu/agreements**) for most other agreement types.

Refer to the **Contracts and Agreements** page (**https://osp.vt.edu/industry/contracts-agreements.html**) for additional guidance.

Office of Sponsored Programs - Summit Agreements





Office of Sponsored Programs – Post-Award

The Post-Award team is responsible for managing and administering research projects after they have been established.

- Review your established awards in the **Award Management System** (https://secure.research.vt.edu/post/#/admin/grants)

- **Training** for the Award Management System can be found at this link:

https://video.vt.edu/media/Award+Management+System+--+Principal+Investigator+View/1_kh0m8rol

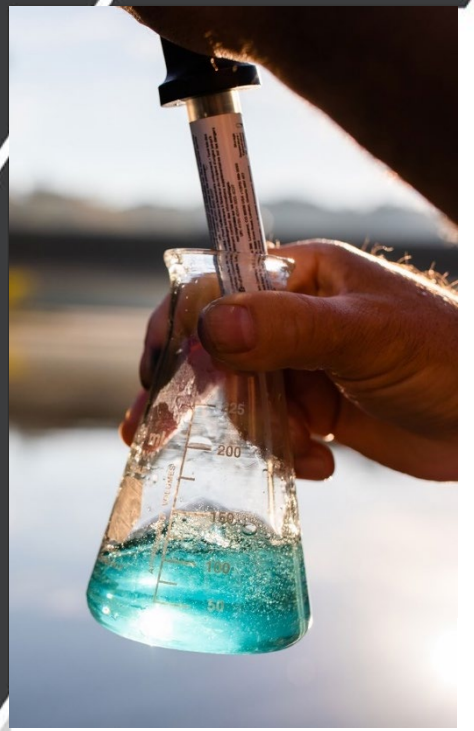
Office of Sponsored Programs training and professional development

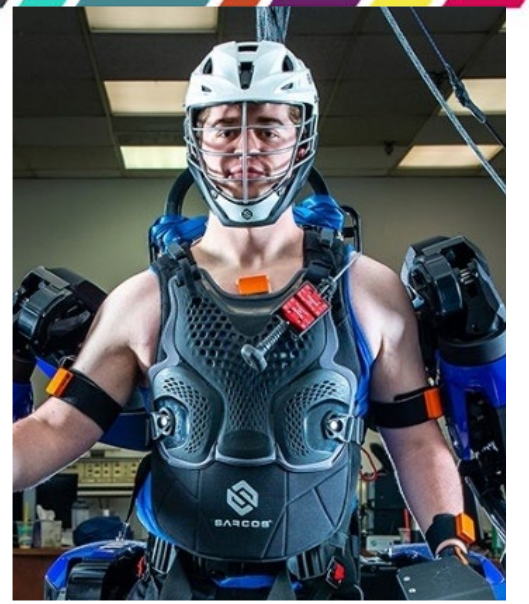
Featured on the training page:

- OSP video channel
- On-demand resources
- Training programs

research.vt.edu/osp/training.html

Scan to join Principal Investigator Bootcamp





Research Integrity, Ethics, and Compliance

Lisa M. Lee

Senior Associate Vice President

Director, Scholarly Integrity and Research Compliance

RESEARCH AND INNOVATION
VIRGINIA TECH

Scholarly Integrity and Research Compliance

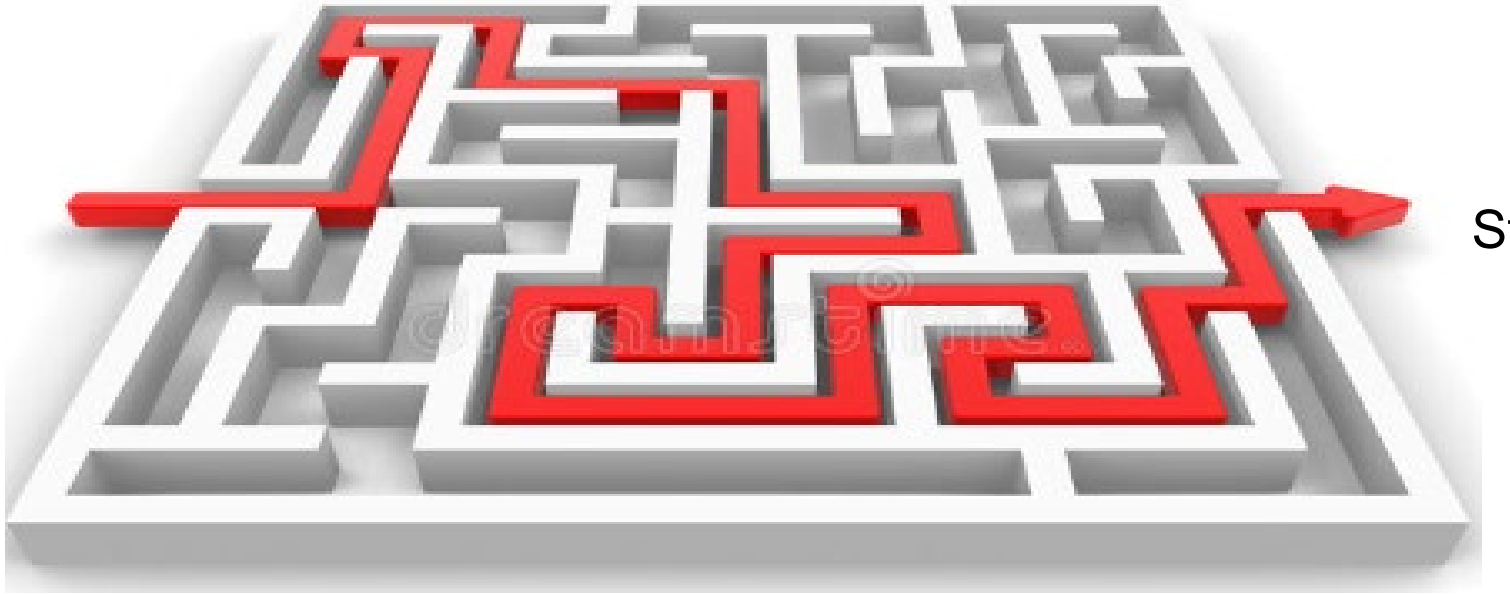
MISSION

Scholarly Integrity and Research Compliance facilitates scholarly excellence by fostering ethical decision-making and ensuring research regulatory compliance

Requirements for conducting research

Regulations, state laws, federal laws, Virginia Tech policies

- ✓ Research funded
- ✓ Protocol written
- ✓ Staff hired
- ✓ Supplies ordered



Start research

N=>100

Office of Research and Innovation

Scholarly Integrity and Research Compliance

Presidential Postdoc(s)
First-gen Intern(s)

Office & Administrative Manager

Integrity & Human Research
Barbara DeCausey, MPH, MBA

- **Research Conflict of Interest Program (MPAC Support)**
- **Research Integrity & Consultation Program/RIO (RIOC Support)**
- **Human Research Protection Program (IRB Support)**
- **Privacy & Research Data Protection Program**

Animal Care Program and Biosafety

- **Animal Resources and Care Division**
- **Institutional Biosafety Committee Program (IBC & IRE Support)**
- **Animal Care and Use Program (IACUC Support)**
- **Environmental Health and Safety (University partner)**

Export and Secure Research Compliance
John Talerico, MBA

- **Export Control and Sanctions Program**
- **Industrial Security Program**
- **Research Security Program**

Research Integrity and Consultation Program

- Professional development trainings addressing research ethics and integrity (RCR Training)
  - Investigator Series/NSPIRE
  - RISE Lecture Series)
- Certification for NSF and NIH RCR training requirement
- Research ethics consultation service
- Research Integrity Officer

Iris Jenkins, Ph.D.
Director, Research Integrity and Consultation Program; Research Integrity Officer

Jill O'Quin, Ed.D.
Training and Development Specialist

Samantha Brodie, M.A.
Administrative Specialist

Research Conflict of Interest Program

- Management Plan Advisory Committee (MPAC)
- Assessment and management of research conflicts of interest to ensure objectivity in research
- Disclosure system for conflicts of interest and commitment
- SBIR/STTR guidance for entrepreneurial researchers

Cristen Jandreau, Ph.D.
Director, Research Conflict of Interest Program

Alivia Vest
Research Conflict of Interest Coordinator

Ben Evans, MPA
Research Conflict of Interest Coordinator

Lisa Heckert, MBA
Administrative Specialist

Privacy and Research Data Protection Program

- Assess and manage privacy protections based on data sensitivity
- Ensure researchers have access to resources that keep data secure and compliant with university, state, and federal regulations
- Balance open-data requirements and data protection
- Oversight of privacy reviews for IRB
- Support researchers
  - 1:1 consultations
  - Training, class presentations

Julie Cook
Director, Privacy and Research Data Protection Program

Samantha Brodie, MA
Administrative Specialist

Human Research Protection Program

- Institutional Review Board (IRB)
- Ensure ethical and compliant research involving human participants
- Support researchers and IRB
  - Weekly office hours
  - 1:1 consultations
  - Training, class presentations

Samantha Bowling, M.A.
Interim Director, HRPP

Sarah Henderson, M.S.
QA/QI Coordinator

Lacey Doyle, M.A. Ed.
Protocol Coordinator

Andrea Nash, M.S.
Protocol Coordinator

Brandi Evans, MHP
Protocol Coordinator

Danielle Short, M.S.
Administrative Specialist

Animal Resources and Care Division

- Research support
  - Veterinary care
  - Husbandry
  - Training
  - Procurement
- Facility management
  - Environmental monitoring
  - Biosecurity
  - Equipment maintenance
- Supports IACUC compliance oversight
- Consultation and collaboration

Katie LaVallee, DVM
Attending Veterinarian and Director

Karen Hall
Animal Care and Operations

Erin Kinder
Business Manager

Animal Care and Use Program

- Institutional Animal Care and Use Committee (IACUC)
- Ensure ethical and compliant use of vertebrate animal species in teaching and research
- Support researchers and IACUC
  - Weekly office hours
  - 1:1 consultations
  - Training, class presentations

Stephanie Trout, M.S.
Director, Animla Care and Use Program; IACUC Administrator

Becky Burns, M.S.
Protocol Coordinator

Kim Skroupa
Protocol Coordinator

Ilex Star, M.S.
Protocol Coordinator

Lynn Chandler
Senior Administrative Specialist

Institutional Biosafety Committee Program

- Institutional Biosafety Committee (IBC) and Institutional Review Entity (IRE)
- Ensure ethical and compliant research involving biohazardous agents
- Support researchers and IBC and IRE
  - Office hours
  - 1:1 consultations
  - Laboratory training
  - Class presentations

Regina Allen, Ph.D.
Institutional Biosafety Committee Program Director and Institutional Biosafety Committee Administrator

Ling Chen, Ph.D.
Senior Protocol Coordinator

Export and Secure Research Compliance

- Ensures university-wide compliance with export controls, sanctions, and research security laws and regulations
- Research security programs cover
  - Cybersecurity
  - Foreign Travel Security
  - Research Security Training
  - Export Control Training
  - Institutional Certification
- New requirements and procedures for mitigating foreign influence

Mike Kendrick
Export Controls and Sanctions

Tim Leake
Industrial Security

TJ Beckett
Research Security

Administrative and Office Management

Ann Thornhill
Office and
Administrative Manager

Questions and Discussion

VIRGINIA TECH

Technology Commercialization

Resources

LINK + LICENSE + LAUNCH

Mark Mondry

Director, LAUNCH

Mark’s extensive engineering, legal, and executive business experience shares a common theme of creating, developing, and commercializing new technologies. As a patent attorney in Silicon Valley and Washington DC, he helped create and grow extensive global patent portfolios, managed dozens of patent litigations, and drafted and negotiated hundreds of licensing and transactional contracts spanning the entire innovation spectrum. As an executive in the medical devices industry, he held leadership positions in operations, business development, and new product development in multi-national Fortune 100 companies and founded or helped build several startups and spinouts, including growing a young medical device startup to a successful IPO.

MEET YOUR INSTRUCTORS

Grant Brewer

Executive Director, LICENSE

With two decades of experience in commercialization of highly technical business opportunities, Grant provides the practical experience one gains through doing things the wrong way and learning things the hard way. Unfortunately for Virginia Tech, Grant has been learning this way for almost 10 years in his current role.

Grant's professional experiences range from bench -top research assessment to directing FDA approved pharmaceutical manufacturing. He has been involved in multiple start -up companies, many of which achieved success through strong exits and sales revenues.

A ONE-STOP SHOP FOR PARTNERS

LINK + LICENSE + LAUNCH

Advancing
corporate partnerships

Patenting and licensing
technologies

Propelling
Startup creation from
research

Meet our team.

VIRGINIA TECH

Want to increase the societal impact of your research?

We are here to help.

Technology commercialization's Contribution to our Land Grant Mission

Pursuing commercialization …

+ is a way of increasing impact from your research
+ potential financial gain for VT's inventors
  (refer to university policy 13000)
+ attracts diverse and talented faculty, graduate students and post -docs
  (fly-wheel effect)
+ compliance with federal Bayh -Dole Act

VIRGINIA TECH

LICENSE

- Focus on translating technologies to market.
- Coordinates with VTIP
- Invention disclosure process
- Patent application process
- Licensing process
- Distributing licensing revenues
- LICENSE Tech Transfer Bootcamp professional development workshop

LAUNCH

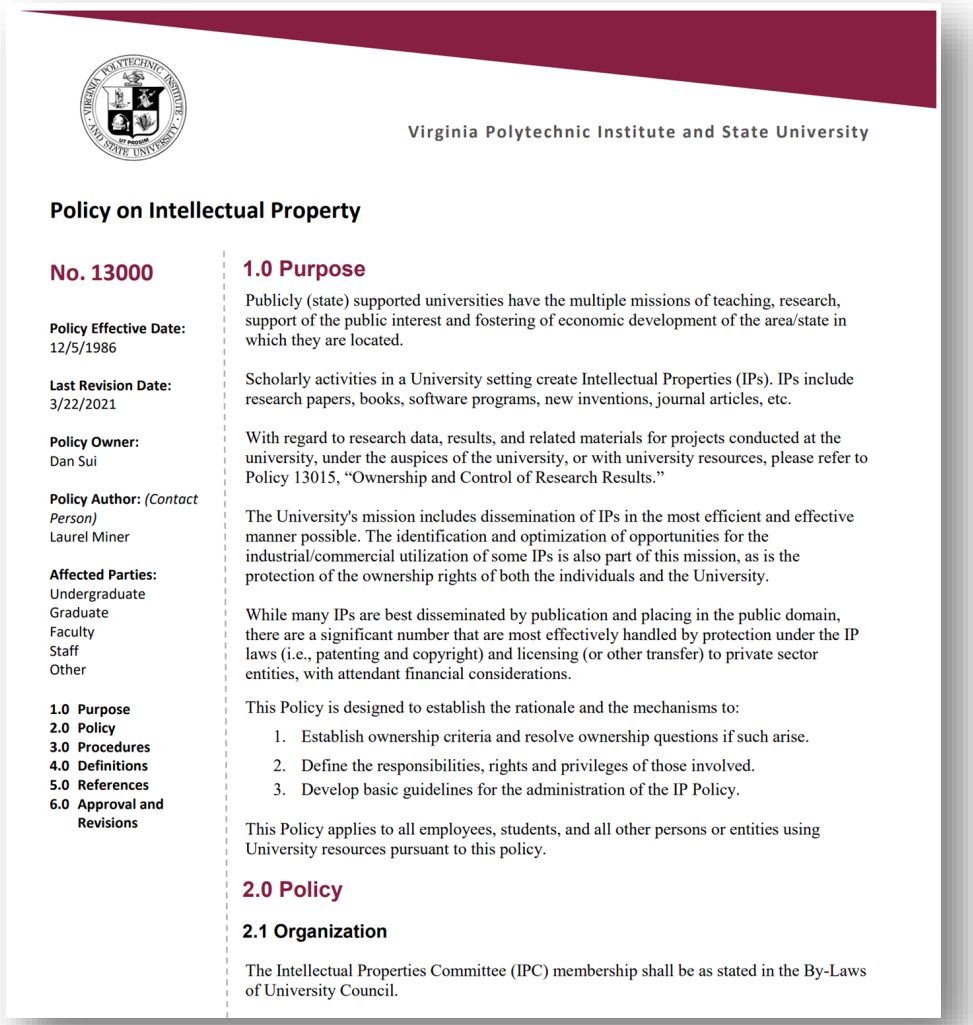
- Mentoring for exploratory innovation and spin -out creation
- Proof -of-Concept fund program
- NSF I-Corps courses and mentoring
- Presidential Postdoc Innovation Fellowship program
- LAUNCH Startup Labs professional development workshop (7 sessions)

Key topics

VIRGINIA TECH

Meet policy 13000

- Who owns my invention?
- What happens when we disclose an invention?
- How is success shared?



Virginia Polytechnic Institute and State University

Policy on Intellectual Property

No. 13000

Policy Effective Date:
12/5/1986

Last Revision Date:
3/22/2021

Policy Owner:
Dan Sui

Policy Author: *(Contact Person)*
Laurel Miner

Affected Parties:
Undergraduate
Graduate
Faculty
Staff
Other

1.0 Purpose
2.0 Policy
3.0 Procedures
4.0 Definitions
5.0 References
6.0 Approval and Revisions

1.0 Purpose

Publicly (state) supported universities have the multiple missions of teaching, research, support of the public interest and fostering of economic development of the area/state in which they are located.

Scholarly activities in a University setting create Intellectual Properties (IPs). IPs include research papers, books, software programs, new inventions, journal articles, etc.

With regard to research data, results, and related materials for projects conducted at the university, under the auspices of the university, or with university resources, please refer to Policy 13015, "Ownership and Control of Research Results."

The University's mission includes dissemination of IPs in the most efficient and effective manner possible. The identification and optimization of opportunities for the industrial/commercial utilization of some IPs is also part of this mission, as is the protection of the ownership rights of both the individuals and the University.

While many IPs are best disseminated by publication and placing in the public domain, there are a significant number that are most effectively handled by protection under the IP laws (i.e., patenting and copyright) and licensing (or other transfer) to private sector entities, with attendant financial considerations.

This Policy is designed to establish the rationale and the mechanisms to:

1. Establish ownership criteria and resolve ownership questions if such arise.
2. Define the responsibilities, rights and privileges of those involved.
3. Develop basic guidelines for the administration of the IP Policy.

This Policy applies to all employees, students, and all other persons or entities using University resources pursuant to this policy.

2.0 Policy

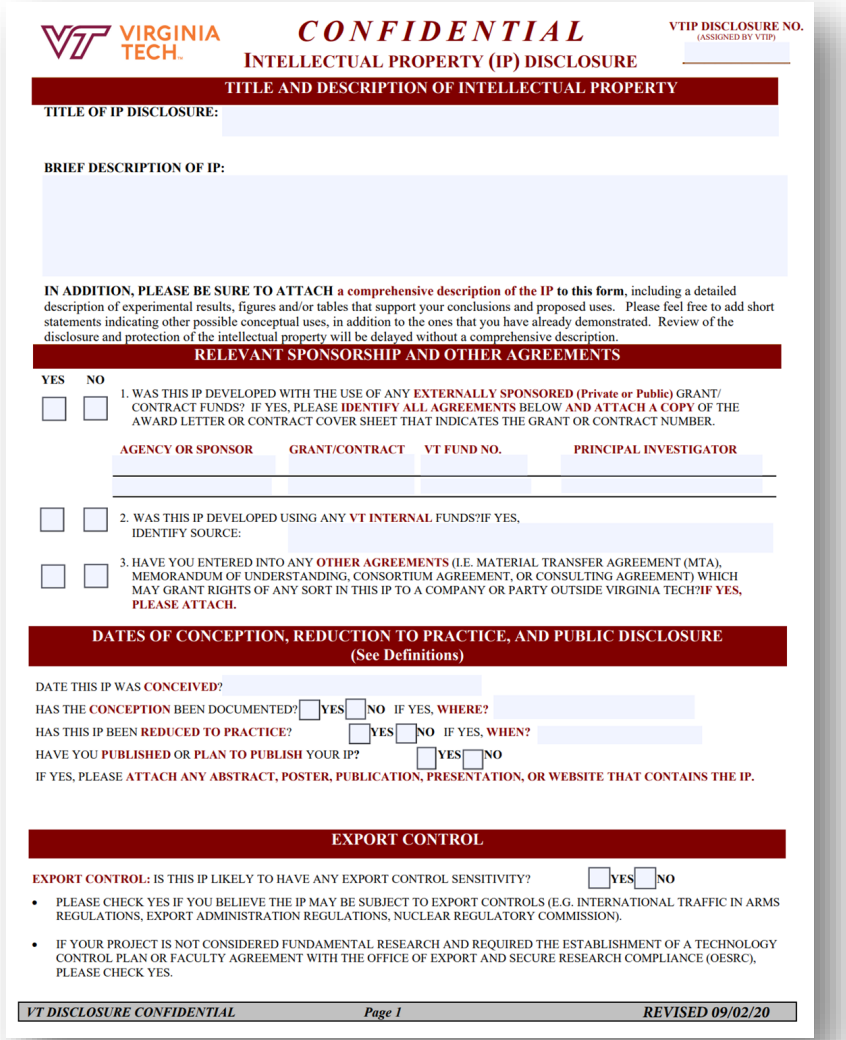
2.1 Organization

The Intellectual Properties Committee (IPC) membership shall be as stated in the By-Laws of University Council.

DISCLOSE

The invention disclosure process

- Not “just housekeeping” or mandatory paperwork (although it is required by law);
- Initiates the process for ultimately protecting your intellectual property.
- Also available through online disclosure portal



VIRGINIA TECH

CONFIDENTIAL

INTELLECTUAL PROPERTY (IP) DISCLOSURE

VTIP DISCLOSURE NO. (ASSIGNED BY VTIP)

TITLE AND DESCRIPTION OF INTELLECTUAL PROPERTY

TITLE OF IP DISCLOSURE:

BRIEF DESCRIPTION OF IP:

IN ADDITION, PLEASE BE SURE TO ATTACH a comprehensive description of the IP to this form, including a detailed description of experimental results, figures and/or tables that support your conclusions and proposed uses. Please feel free to add short statements indicating other possible conceptual uses, in addition to the ones that you have already demonstrated. Review of the disclosure and protection of the intellectual property will be delayed without a comprehensive description.

RELEVANT SPONSORSHIP AND OTHER AGREEMENTS

YES NO

1. WAS THIS IP DEVELOPED WITH THE USE OF ANY **EXTERNALLY SPONSORED (Private or Public)** GRANT/ CONTRACT FUNDS? IF YES, PLEASE **IDENTIFY ALL AGREEMENTS** BELOW **AND ATTACH A COPY** OF THE AWARD LETTER OR CONTRACT COVER SHEET THAT INDICATES THE GRANT OR CONTRACT NUMBER.

AGENCY OR SPONSOR	GRANT/CONTRACT	VT FUND NO.	PRINCIPAL INVESTIGATOR

2. WAS THIS IP DEVELOPED USING ANY **VT INTERNAL** FUNDS?IF YES, IDENTIFY SOURCE:

3. HAVE YOU ENTERED INTO ANY **OTHER AGREEMENTS** (I.E. MATERIAL TRANSFER AGREEMENT (MTA), MEMORANDUM OF UNDERSTANDING, CONSORTIUM AGREEMENT, OR CONSULTING AGREEMENT) WHICH MAY GRANT RIGHTS OF ANY SORT IN THIS IP TO A COMPANY OR PARTY OUTSIDE VIRGINIA TECH?**IF YES, PLEASE ATTACH.**

DATES OF CONCEPTION, REDUCTION TO PRACTICE, AND PUBLIC DISCLOSURE (See Definitions)

DATE THIS IP WAS **CONCEIVED**?

HAS THE **CONCEPTION** BEEN DOCUMENTED? YES NO IF YES, **WHERE?**

HAS THIS IP BEEN **REDUCED TO PRACTICE**? YES NO IF YES, **WHEN?**

HAVE YOU **PUBLISHED** OR **PLAN TO PUBLISH** YOUR IP? YES NO

IF YES, PLEASE **ATTACH ANY ABSTRACT, POSTER, PUBLICATION, PRESENTATION, OR WEBSITE THAT CONTAINS THE IP.**

EXPORT CONTROL

EXPORT CONTROL: IS THIS IP LIKELY TO HAVE ANY EXPORT CONTROL SENSITIVITY? YES NO

- PLEASE CHECK YES IF YOU BELIEVE THE IP MAY BE SUBJECT TO EXPORT CONTROLS (E.G. INTERNATIONAL TRAFFIC IN ARMS REGULATIONS, EXPORT ADMINISTRATION REGULATIONS, NUCLEAR REGULATORY COMMISSION).
- IF YOUR PROJECT IS NOT CONSIDERED FUNDAMENTAL RESEARCH AND REQUIRED THE ESTABLISHMENT OF A TECHNOLOGY CONTROL PLAN OR FACULTY AGREEMENT WITH THE OFFICE OF EXPORT AND SECURE RESEARCH COMPLIANCE (OESRC), PLEASE CHECK YES.

VT DISCLOSURE CONFIDENTIAL *Page 1* *REVISED 09/02/20*

DISCLOSE

Obligations to disclose in faculty handbook

- The university asserts its right to the results of research funded wholly, or in part, with university resources.
- “Creation of intellectual property (IP) must be disclosed to the university by submitting an IP disclosure form.”

LAUNCH resources:

- Proof -of-Concept fund ($50k grants
- VIPC commercialization funding
- NSF I-Corps courses and mentoring
- Presidential Postdoc Innovation Fellowship program
- LAUNCH Startup Labs

VIRGINIA TECH

LICENSE

Grant Brewer

Executive Director, LICENSE Center for Technology Commercialization

grantb76@vt.edu

540 -231-6648

LAUNCH

Mark Mondry

Director, LAUNCH Center for new Ventures

mmondry@vt.edu

540 -231-4131

NEW FACULTY WELCOME 2025

OFFICE OF RESEARCH AND INNOVATION

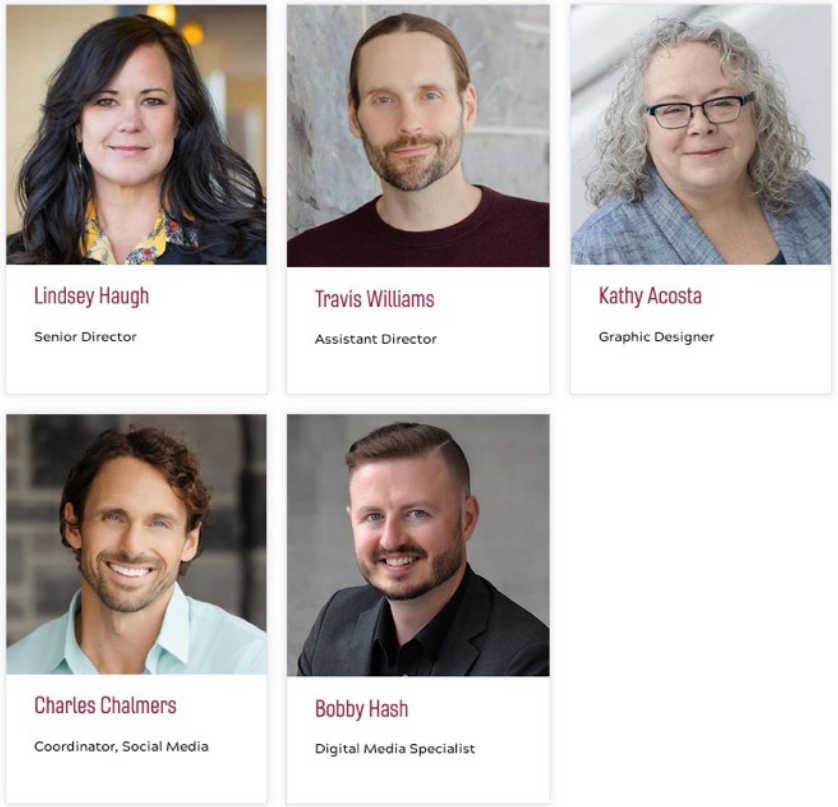
Communicating Results

Lindsey Haugh

Senior Director of Marketing and Communications, Research and Innovation

Marketing and communications

Research and Innovation Marketing and Communications Team

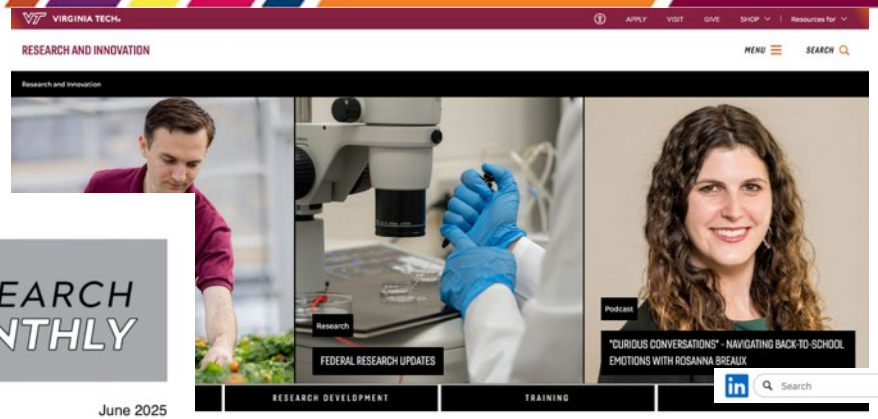


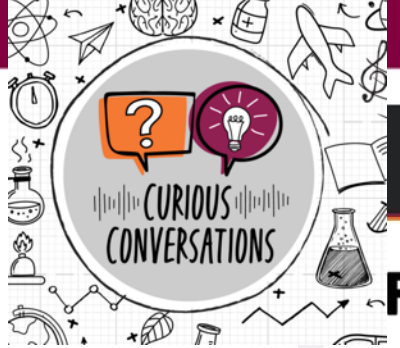
Research institute and

+ Commonwealth Cyber Initiative communicators

+ College communicators

+ Central communicators





VIRGINIA TECH®

FOCUS ■ ON RESEARCH

From the editor: Virginia Tech's federally sponsored research expenditures are ring, fueled in part by a growing health portfolio and interdisciplinary laborations addressing the most pressing health challenges facing humans, animals, and the environment.

RESEARCH AND INNOVATION
VIRGINIA TECH

RESEARCH MONTHLY

June 2025

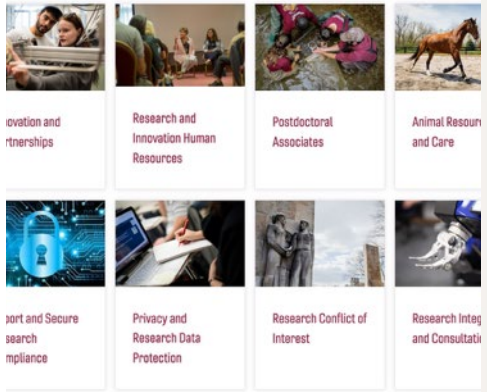
Research that Matters

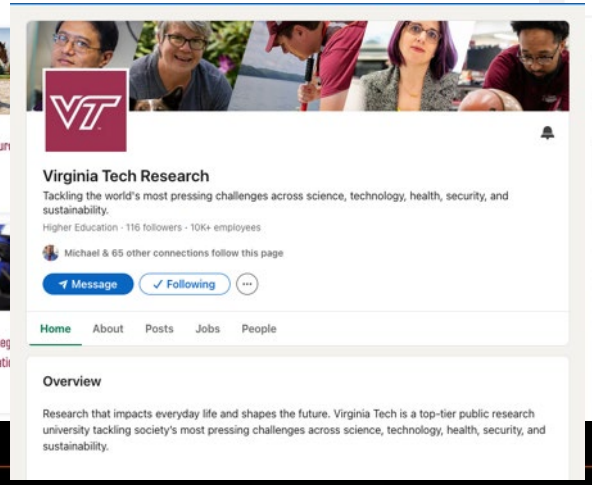
From the medicine we take, food we eat, and roads we travel to the phones in our pockets, pets cured of cancer, and national security we enjoy, every experiment, analysis, and breakthrough is working together to make our world better, safer, and more enjoyable.

Virginia Tech research strengthens the economy, improves the workforce, and enhances everyday life.

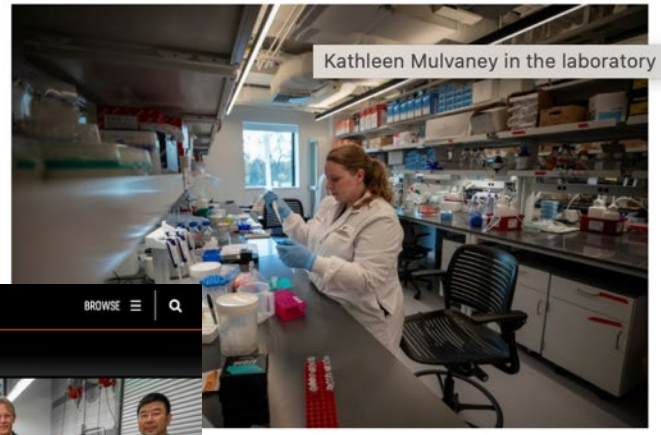
Funding this work is critical to our efforts to drive health, technology, security, and more toward a stronger community, commonwealth, and country.

Learn how an investment in Virginia Tech research is an investment in making life better.





Virginia Tech research continues to grow federal support



sible for almost half of the growth in federally sponsored Virginia's institutions of higher education in fiscal year ational Science Foundation's latest Higher Education ent survey. ***Read more***

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ch Research News

Understanding and predicting deadly tumor metastasis

Shenglin Mei's research aims to identify the metastatic progression, not only in cancer cells, but

Case Study:
Sinking land increases risk for thousands of coastal residents by 2050

Communications Timeline

- Dec. 19: Researcher contacted communications team about two upcoming papers: PNAS and Nature
- Jan 2: Story published in PNAS / VT News story / Direct pitch / media coverage
- Feb. 22: Nature embargo date set for March 6, VT News writer engaged
- Mar. 3: Story loaded to EurekAlert under embargo / Media outreach under embargo
- Mar. 7: Embargo lifts / VT News story published / media coverage begins

Angles

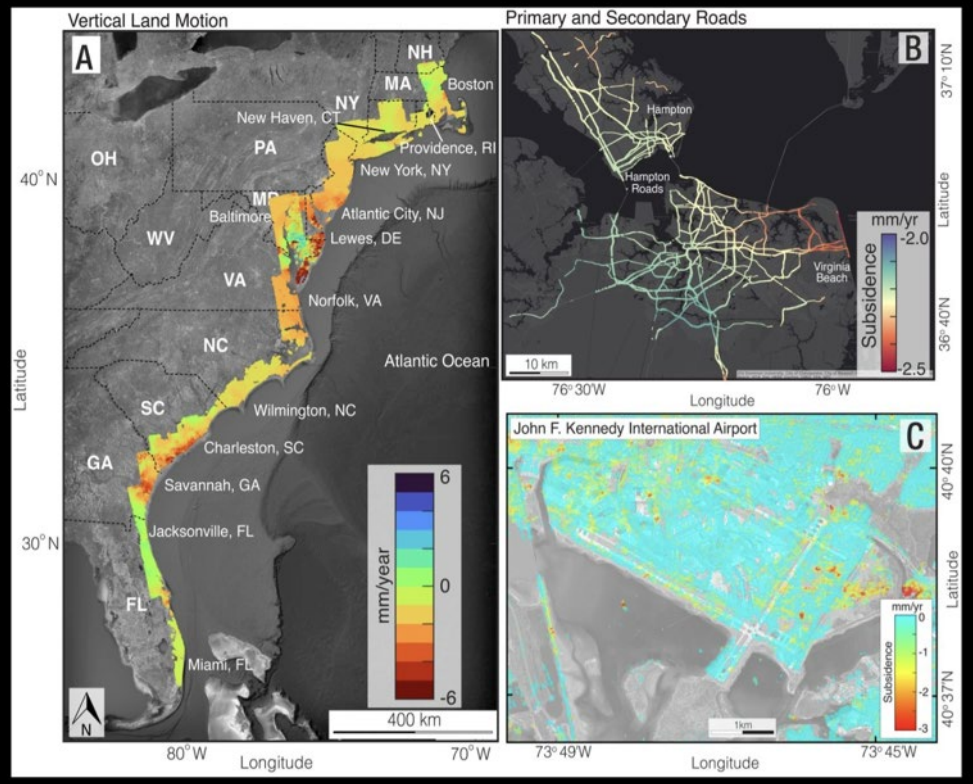
- Major cities on the U.S. Atlantic coast are sinking, particularly hard-hit population centers such as New York City and Long Island, Baltimore, and Virginia Beach and Norfolk
- Sinking land increases risk for thousands of coastal residents by 2050
- “The study projects that in the next three decades as many as 500,000 people could be affected as well as a potential 1 in 35 privately owned properties damaged by flooding. The study also highlights the racial and socioeconomic demographics of those potentially affected.”

Owned Media: Virginia Tech News Headlines

RESEARCH

Study: From NYC to D.C. and beyond, cities on the East Coast are sinking

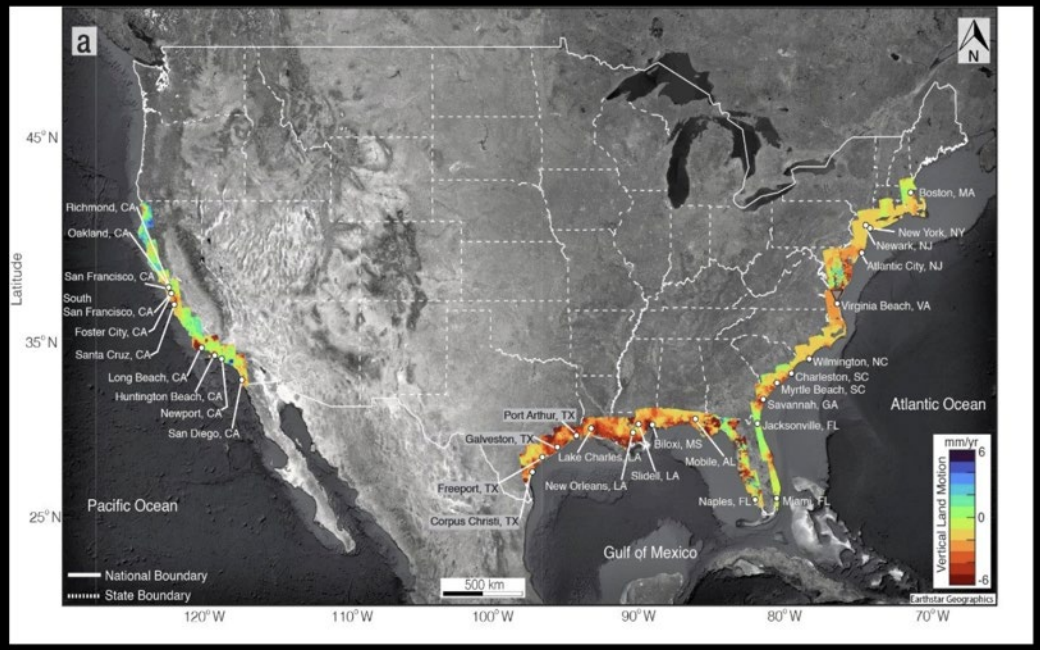
By Virginia Tech News 2 JAN 2024 4 minute read



RESEARCH

Study: Sinking land increases risk for thousands of coastal residents by 2050

By Travis Williams 6 MAR 2024 5 minute read



The study provides a new comprehensive look at the flood risks for 32 cities on three coasts by 2050. Image courtesy of Leonard Ohenhen.

Earned Media: Top tier outlets

The New York Times

New Data Details the Risk of Sea-Level Rise for U.S. Coastal Cities

A new study of sinking and rising land along American coasts offers a more specific understanding of potential flooding in 32 coastal cities.

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East Coast of the U.S. Add Topic +

'The impacts are real': New satellite images show East Coast sinking faster than we thought

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Where sinking cities are pushing sea level rise into overdrive

By Rachel Ramirez, CNN
4 minute read · Published 11:00 AM EST, Wed March 6, 2024

Cars travel through floodwaters in Boston at high tide during a winter storm and strong onshore winds on January 13. Erin Clark/The Boston Globe/Getty Images

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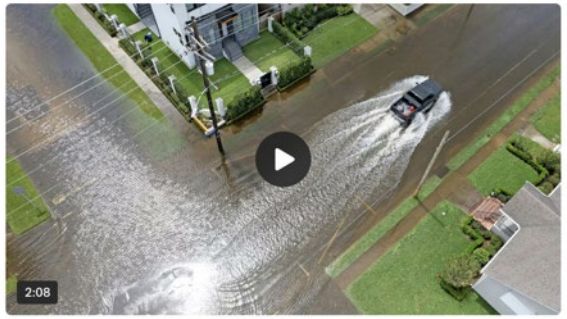
Coastal US cities are sinking as sea levels continue to rise, new research shows

Several regions face increased flooding from the double threat.

By Julia Jacobo
March 6, 2024, 11:01 AM



The New York Times

The East Coast Is Sinking

New satellite-based research reveals how land along the coast is slumping into the ocean, compounding the danger from global sea level rise.

A major culprit: overpumping of groundwater.

By Mira Rojanasakul and Marco Hernandez Feb. 13, 2024

Connect and Share

- Research in progress
- Visual opportunities to capture research in action
- Research results (published research)
- Desire to be a media expert

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lhaugh@vt.edu

RESEARCH AND INNOVATION

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