Virginia Tech
New Faculty Welcome

AUGUST 18, 2022
Our Vision: Virginia Tech is a thriving community of world-class faculty and scholars.

Mission: We cultivate and enable a campus and an environment that fully and transparently supports the professional success and well-being of all Virginia Tech faculty. We are a proponent for and supporter of programs, policies, and procedures that promote: scholarly excellence; faculty recruitment and retention; diversity, equity, and inclusion; professional growth; work/life balance; personal satisfaction; and faculty recognition.

Major Areas of Responsibility
- Recruitment, appointment, advancement, and retention
- Professional growth, mentoring, leadership development, and faculty excellence
- Academic life, job satisfaction, work/life balance, honorifics and recognition
Path to Promotion: Discovery, Learning, and Engagement

- Tenure-track and Tenured
- Continued Appointment
- Collegiate Professors
- Instructors
- Clinical Professors
- Professors of Practice
- Research Faculty
Professional Development Opportunities

- Provost’s Office & Faculty Affairs
  - https://www.provost.vt.edu & https://faculty.vt.edu
- Office of Research and Innovation
  - https://www.research.vt.edu/professional-development.html
- Center for Excellence in Teaching and Learning
  - https://teaching.vt.edu
- Networked Learning Initiatives (NLI)
  - https://profdev.tlos.vt.edu
- Talent Development, Division of Human Resources
  - https://www.hr.vt.edu/talent-development.html
Faculty Work-Life Policies

- Tenure clock extension
- Modified duties
- Part-time employment
- Dual career
- Childcare
- Lactation support
- Retirement support

Supporting Faculty Success • Enabling Faculty Excellence
Research and Innovation at Virginia Tech

August 2022
Roles and responsibilities

The Office of Research and Innovation bolsters the research enterprise through research services, support, and execution that help faculty, staff, and students plan, perform, and commercialize groundbreaking research.

- Catalyze growth through vision, guidance, and coordination
- Champion research programs and capabilities
- Provide institutional support for faculty to organize strategic research efforts
- Create and grow holistic industry-university partnerships
- Translate research discoveries into commercial products
- Support state-of-the-art infrastructure and accreditations
- Maintain the highest standards of research integrity
- Deliver effective and efficient research administration
Office of Research and Innovation: Structure

**BUSINESS UNITS**
- Animal Resources and Care
- Innovation and Partnerships / LINK + LICENSE + LAUNCH
- Postdoctoral Affairs
- Research Computing
- Research Development
- Scholarly Integrity and Research Compliance
- Sponsored Programs
- Strategic Research Alliances

**OPERATIONS UNITS**
- Electronic Research Administration
- Export and Secure Research Compliance
- Human Resources
- Information Technology
- Finance
- Marketing and Communications

**INVESTMENT INSTITUTES**
- Fralin Life Sciences Institute
- Institute for Critical Technology and Applied Science
- Institute for Creativity, Arts, and Technology
- Institute for Society, Culture, and Environment

**EXTRAMURALLY FOCUSED INSTITUTES AND CENTERS**
- Fralin Biomedical Research Institute
- Virginia Tech National Security Institute
- Virginia Tech Transportation Institute

**INITIATIVES**
- Commonwealth Cyber Initiative
Dive Deeper

**SPECIAL RESEARCH SESSION**

- Tomorrow, August 19
- 10:30 am – 12:30 pm

**LEARN ABOUT**

- Tools for finding and securing funding
- Support for planning and proposing research
- Compliant and ethical research support
- Maximizing impact of your results
Center for Excellence in Teaching and Learning
teaching.vt.edu

We help faculty...

Improve student learning using research-based instructional practices
Enhance student success at VT and beyond with student-centered design practices
Be recognized and celebrated for innovation and excellence in teaching

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**Pedagogy**
- Workshops
- Online Resources
- Certificates
  - Effective Teaching
  - Experiential Learning
- Faculty Teaching Groups
  - Grants for teams
- Class Observations
- Mid-semester Feedback
- Consulting

**Student-Centered Design**
- Experiential Learning Academy
- Focus Groups
- Consulting
- Collaborations
  - Colleges & Departments
  - Pathways
  - FYE
- Institutes & Retreats
- Grants

**Educational Research**
- Grant Support
- Focus Groups
- SoTL Support
  - Online Resources
  - Workshop Series
  - Writing Retreats
- University Initiatives
- Conferences
  - Higher Education Pedagogy

**Recognition**
- External Awards
- Internal Awards
  - Departments
  - Faculty
- Academy of Teaching Excellence (ATE)
- Diggs Teaching Scholars
- Thank-A-Teacher
- Conferences
- Faculty Spotlight

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Teaching Tool Kit
Course & Program
Teaching as Research
Celebrate Excellence
Services and Support Across Levels of Teaching Proficiency

**Novice**: Developing plans for learning, classroom presence, communication, teaching fundamentals, grading, confidence

**Advanced Beginner**: Aligning learning goals to activities and assessment, integrating more active pedagogies, building interactive rapport, developing efficacy

**Competence**: Comfort with classroom management, articulates alignment of learning goals with activities and assessment, proactive student communication, beginning use of reflective practice and intentional selection of pedagogical practice for enhanced student learning

**Proficiency**: Connects course with curriculum, integrated more advanced pedagogical methods, analyzes student learning formatively and makes real-time adjustments, differentiates instruction, engages in reflective practice

**Mastery**: Demonstrates a teaching self-awareness, reinvent courses and learning activities building on learning success, innovates and shares innovation and learning with others

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Center for Excellence in Teaching and Learning
teaching.vt.edu

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Workshops, Certificates, Consultations, Observations
Communities of Practice, Grants, Entry-level awards, Consultations, Observations
Grants, Awards, Presentation and Facilitation with others at VT and nationally, SoTL
Elements Faculty Activity System Serves Multiple Needs

• To serve as a repository for the curation and sharing of faculty activity
• To easily submit scholarly works to institutional open access repository
• To communicate expertise and potential for collaboration
Latest Developments

• Elements is used by most colleges for annual Faculty Activity Reports (aka EFARS)
• Integrated with VT’s open access scholarly repository VTechWorks to facilitate submission of OA works (pre-prints, presentations, etc.)
• Elements records feed Virginia Tech Experts, public profile system for faculty https://experts.vt.edu
Elements Links and Resources

• Elements login: https://efars.provost.vt.edu/login.html
• Getting Started with Elements: https://faculty.vt.edu/efars/getting-started.html
• Elements workshops offered through the Technology Enhanced Learning and Online Strategies Professional Development Network (TLOS PDN) https://profdev.tlos.vt.edu
• For more information on Virginia Tech Experts, see the detailed Library Guide at https://guides.lib.vt.edu/VirginiaTechExperts
Publishing Support for Faculty

Peter Potter
Publishing Director
420 Newman Library
pjp33@vt.edu
Our Values

Virginia Tech Publishing started in 2017 but our history is rooted in a much deeper tradition. In 1989 the Scholarly Communication Project was established in Virginia Tech’s Newman Library as a place to experiment with the technology to produce online scholarship in new and developing formats. In 2013-2014, Virginia Tech played a leading role in advancing the idea of a community dedicated to the field of library publishing, which resulted in the creation of the Library Publishing Coalition. In the years since then, the Library has continued to embrace the increasingly diverse products of research and scholarship, especially those that are more than just “paper online,” including e-journals, interactive books, open educational resources, innovative digital projects, and audio visual materials.

In keeping with Virginia Tech’s land grant mission, we believe in contributing the works we publish to the public commons through open access publishing while ensuring long-term access through the Library’s preservation strategy. Our goal is to be the center of scholarly publishing activities and expertise at Virginia Tech and to raise the profile of VT scholarship.
We can help you:

➢ Find the right publisher for your monograph
➢ Prepare a book proposal
➢ Answer questions about copyright, permissions, & contracts
We also publish books, papers, reports, etc.
We can help you start a journal

- 13 active journals today
- 4 student journals
We can help you publish a web-based project

The American Soldier project led by Professor Ed Gitre in the Department of History allows users to browse and search over 65,000 pages of uncensored, open-ended responses handwritten by servicemen, view and download survey data and original analyses, read topical essays by leading historians, and access additional learning resources. The project began in 2015, in 2017 it received a National Endowment for the Humanities Division of Preservation and Access planning grant, and a second implementation NEH grant in 2019. The project launched in 2021 with support from many collaborators, including Virginia Tech University Libraries and Virginia Tech Publishing.
We can help you produce a podcast
We can help you create an open textbook
Subventions ($$$)

Books
- Publishing Subvention Fund ($2-3k)
- Open Access Fund ($15k)

Journal Articles
- $140k/year for Article Processing Charges (APCs) in OA journals

Virginia Tech recognizes the financial challenges that faculty members face in publishing their scholarly and creative research. With this in mind, the Provost’s Office, in conjunction with the colleges and University Libraries, is pleased to offer publishing subventions in cases where there is a documented need.
Tools for Writing & Publishing

Overleaf
Virginia Tech on Overleaf

Open Science Framework
A scholarly commons to connect the entire research cycle

Pressbooks at Virginia Tech
Create, customize, and share interactive open educational resources

CREATE TO SHARE.
REQUEST AN ACCOUNT

SEE HOW OTHERS HAVE USED PRESSBOOKS

REQUEST AN ACCOUNT
Data Services

We're all about data!

Learn with us  Get expert help  Learn more about us

The University Libraries offers data services which promote the development of proficiencies in finding, generating, processing, analyzing and visualizing data, as well as data computation. Our team of experts helps members of the Virginia Tech community develop skills in data science and enhance the local and global impact of data-enabled research and curricular innovations.

Contact
General: dataservices@vt.edu
Databridge: ambrown7@vt.edu and jonbrig@vt.edu
Data Education and Training: ndporter@vt.edu

Resources
Data Management Planning
Deposit/Access Data in the Virginia Tech Data Repository
Geospatial Data
DataBridge
Data Consulting Lab
Book Data Consultation Online
Please Contact Me

Peter Potter
Publishing Director
Newman Library
pjp33@vt.edu
How can we help you?

http://www.saig.stat.vt.edu
A brief history of statistical consulting and collaboration at VT

1948

1949

1974

2010

LISA

Statistical Collaboration Laboratory of Virginia Tech

2017

SAIG

Statistical Applications & Innovations Group
Questions we have answered in the past…

- How can we assess the broader impacts of my NSF grant?
- Why do lemurs eat dirt?
- What methods work best to help students in college Spanish classes learn the gender of irregular nouns?
- Which employees are most likely to be hired and retained?
- What is the repeatability and reproducibility of a1C (glucose) measurements from home meters?
- Which sequence and amounts of fertilizer will lead to higher crop yield?
- Which genotype of what amounts mosquitoes is more likely to successfully mate?
- Are underrepresented or majority engineering students more likely to participate in various activities?
- What are the underlying features that lead to pursuing a career in the construction industry?
- Is the laboratory staining test accurate for predicting genetic mutations associated with glioblastoma?
Walk-in Hours

Short Term Consulting

Seminars & Short Courses

Long Term Consulting & Proposals

SAIG
Statistical Applications and Innovations Group

* FREE to graduate students, faculty, and staff in participating Colleges & Administrative Units.
Come early, come often!

To consult the statistician after an experiment is finished is often merely to ask him to conduct a post mortem examination.

-Sir Ronald Fisher (famous statistician)
DOs

■ Visit SAIG as soon as you develop your research questions
■ Expect to prepare for your collaboration
■ Expect to explain your research question and associated terminology in plain English
■ Bring us pictures, example papers, etc.
■ Expect us to provide you prompt service and an appropriate solution as per our policies
■ Consider giving acknowledgement or co-authorship opportunities where appropriate

DON’Ts

■ Make your poor planning our automatic emergency
■ Expect to throw data over the fence and have us to throw an answer back over
■ Expect us to organize and clean your data for analysis
■ Expect every collaborator to know every statistical technique, software program, etc.
■ Forget about the academic cycle; we are staffed by students
SAIG Vision

Our vision is to be
the premier global statistical collaboratory
by solving diverse, relevant problems
while advancing University research partnerships
as we transform students into leading practitioners
of statistics and data sciences.

http://www.saig.stat.vt.edu
THE UNDERGRADUATE HONOR SYSTEM

KARA LATOPOLSKI, PH.D.
DIRECTOR
OFFICE OF UNDERGRADUATE ACADEMIC INTEGRITY
MEET THE TEAM: OFFICE OF ACADEMIC INTEGRITY

KARA LATOPOLSKI
Director

JOE WILDER
Coordinator

REBECCA MOREAU
Assistant Director

Brianne Merchant
Assistant Director
INITIATIVES

- Academic Integrity Success Module – Opens August 17th
- Understanding the Code – August 30, August 31st, and September 1st @7:30pm in the GLC Auditorium
- Faculty Liaisons
- Presentations – Both synchronous and asynchronous can be requested on the website
RESOLUTION PROCESSES

- Faculty/Student Resolution Process and Administrative Resolution Process
- Panel Resolution Process
**Fall 2019, Fall 2020, Fall 2021**

**Cases referred**
Fall 2021 Total (August 1, 2021 – January 17, 2022): 382  
Fall 2020 Total (August 1, 2020 – January 17, 2021): 733  
Fall 2019 Totals (August 1, 2019 – January 17, 2020): 385

**Spring 2020, Spring/Summer 2021, and Spring 2022**

**Cases referred**
Spring/Summer 2022 (January 18, 2022 – August 1, 2022): 343  
Spring/Summer 2021 Total (January 18, 2021 – July 30, 2021): 564  
***Cases received after April 30, 2021 – 236  
Spring 2020 Total Cases (January 18, 2020 – May 20, 2020): 233

**Annual Panel numbers**
2021 – 2022: 382  
2020 – 2021: 314  
2019 – 2020: 69
QUESTIONS?

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