Teaching and Research Faculty Break-Out Session

JACK FINNEY, BILL KNOCKE, KIM FILER, JILL SIBLE, LISA LEE, JENNIFER VAN MULLEKOM, AND PETER POTTER

NEW FACULTY WELCOME, AUGUST 23, 2019
Promotion: Learning, Discovery, Engagement

- Promotion and Tenure
- Promotion and Continued Appointment
- Collegiate Faculty
- Instructor
- Clinical Professor
- Professor of Practice
- Research Faculty
Work-Life Initiatives and Policies

- Dual Career Program
- Extension of the Tenure Clock
- Modified Duties
- Part-time Tenure Track
- Child Care Partnership
- Phased Retirement
- Paid Parental Leave
Professional Development Opportunities

- Provost’s Office
  - https://wwwprovost.vt.edu/
- Talent Development, Division of Human Resources
  - https://www.hr.vt.edu/talent-development.html
- Networked Learning Initiatives (NLI)
  - https://profdev.tlos.vt.edu/
- Office of the Vice President for Research and Innovation (OVPRI)
  - https://www.research.vt.edu/professional-development.html
- Center for Excellence in Teaching and Learning (CETL)
  - https://teaching.vt.edu/
PDI is a multi-faceted cohort program led by the Office of the Vice President for Research and Innovation to help new faculty procure external funding to support their research and scholarly work. Components of the program include:

* Educational opportunities (workshops/seminars to learn about effective proposal writing, OSP, on campus resources, etc.)
* Mentoring programs with senior faculty
* Visit Washington, D.C. to meet with federal program managers
* Research mixers with PDI participants to find collaborators
* Opportunities to meet senior VT leaders in research

Announcement for faculty nominations will come in early September.
We help faculty...

Improve student learning using research-based instructional practices. Enhance student success with student-centered course and program design. Receive recognition for their excellence in teaching.

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THE UNDERGRADUATE HONOR SYSTEM

JILL C. SIBLE, PH.D.
ASSOCIATE VICE PROVOST FOR UNDERGRADUATE EDUCATION
SIBLEJ@VT.EDU
GUIDING PRINCIPLES AND PRACTICES

- Fostering a culture of integrity across campus
- Focus on education
- Student and faculty leadership
- Technology enhanced: TurnIt
- An ounce of prevention….
MEET THE TEAM: OFFICE OF ACADEMIC INTEGRITY

KARA LATOPOLSKI
Senior Associate Director

JESSICA SPARKS
Administrative and Operations Assistant

REBECCA MOREAU
Coordinator

LINDA GREENE
Case Manager

HONOR COUNCIL STUDENT AND FACULTY LEADERS
UNDERSTANDING THE CODE
STUDENT SESSIONS

6:30-8pm: Tuesday, September 3, Squires Colonial Hall Auditorium
6:30-8pm: Wednesday, September 4, Squires Haymarket Theatre
6:30-8pm: Thursday, September 5, Graduate Life Center Auditorium
6:30-8pm: Friday, September 6, Graduate Life Center Auditorium
RESEARCH AT VIRGINIA TECH
RESEARCH EXPENDITURES

Virginia Tech’s growth in expenditures is a reflection of our impact and momentum. VT’s sponsors are a balanced portfolio over many agencies, as well as industry and state and local sponsors.
RESOURCES FOR FACULTY

We offer services and support that will help you grow your research program and impact. Some examples are below.

FIND COLLABORATORS, FacILITIES, & SUPPORT

VT’s seven Research Institutes support transdisciplinary research programs through unique facilities and tools, large contract vehicles, seed funding, and cost-share.

VT’s Destination Areas build transdisciplinary communities to address complex problems that impact the human condition.

DEVELOP AND SUBMIT PROPOSALS

Sponsored Programs’ Pre Award team support RFP review, budget development, package checks, and cost share review and authorization.

VT-FAST is a virtual team of faculty and staff across campus who support faculty in all aspects of proposal development. Our goal is to facilitate proposal submission, allowing faculty to focus on the research plan.

DISCOVER OPPORTUNITIES & ENGAGE SPONSORS

LINK, VT’s Center for Industry Partnerships, connects industry partners to the university, and faculty and students to market needs and opportunities.

VT subscribes to Funding Institutional, a service that helps increase grant success rates, including by helping faculty identify new funding sources.

https://www.research.vt.edu/
RESEARCH WITH INTEGRITY

VT’s experts can help you navigate federal, state, and university regulations and policies for research; conduct research ethically; reduce risk; and maximize your impact. Some examples are below.

ETHICAL, COMPLIANT STUDY DESIGN

We facilitate scholarly excellence by fostering ethical decision-making and ensuring research regulatory compliance. Contact our office if your research involves:

• Humans
• Animals
• Biohazardous materials
• Sensitive data

RESPONSIBLE RESEARCH PROGRAM MANAGEMENT

Researchers must take care to ensure they manage their awards to avoid waste, fraud and abuse and are compliant with regulations applicable to export and trade sanctions. Further, some technologies and information requires special considerations for national interest. We can support:

• Compliance with financial requirements and reporting
• Research with export controlled technologies
• Restricted or classified research

MAXIMIZE YOUR IMPACT

Successful research can lead to new discoveries and opportunities to influence policy, industry, and society—but also introduces additional responsibilities. We help you:

• Avoid conflicts of interest
• Disclose discoveries and inventions

https://www.research.vt.edu/
WE CAN HELP WITH YOUR PROPOSAL, DESIGN, ANALYSIS, & REPORTING

Jennifer Van Mullekom, PhD, Director of SAIG

www.saig.stat.vt.edu
A BRIEF HISTORY OF STATISTICAL CONSULTING AND COLLABORATION AT VIRGINIA TECH.

1948

1949

1974

2010

2017
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.
OFFERINGS AND SERVICES FOR FACULTY AND STUDENTS

- Walk-in Hours*
- Short Term Consulting*
- Short Courses* & Seminars*
- Proposals & Long Term Collaboration

*Free to members of participating Colleges
Fig 4. Time-lapse photographs illustrating stage 3 of slip recovery training. While walking, the subject is slips by stepping on the slippery mats, executes an effective stepping response by the trailing limb to support the body and prevent a fall, and resumes walking.
QUESTIONS WE HAVE ANSWERED RECENTLY

- 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 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?
Publishing Support at Virginia Tech

Peter Potter
Director, Publishing Strategy
Newman Library
pjp33@vt.edu
What to Expect When You’re Expecting
(to publish an article or a book)

➢ How to find the right publisher
➢ Need help on your book proposal?
➢ Copyright/permissions/contracts
➢ Publishing Subventions
Subventions ($$$)

Books
- Book Publishing Subvention Fund ($2-3k)
- TOME ($15k per book)

Articles
- $140k/year for Article Processing Charges (APCs) in OA journals
Tools for Writing & Publishing

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

Virginia Tech on Overleaf
Data Management Planning
New to Virginia Tech:

VT Publishing

We Can Help You:

- Start a Journal
  - 13 active journals today
  - 4 student journals
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  - 4 student journals
- Publish a book or digital project
- Create an Open Textbook
Please Contact Me

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Newman Library
ppj33@vt.edu