Promotion: Learning, Discovery, Engagement

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

Professional Development Opportunities

- Provost's Office
  - https://www.provost.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/

Elements Faculty Activity System @VT

Elements Faculty Activity System Serves Multiple Needs

- Administrative purposes
  - To globally enhance awareness and recognition of faculty scholarship
  - To identify areas of strength
  - To facilitate connections for collaboration across universities, organizations, and disciplines
  - To inform budget model, help colleges set goals for scholarship based on most comprehensive and accurate dataset possible
- Faculty purposes
  - To serve as a repository and reporting mechanism for sharing of faculty activity
  - To easily submit scholarly works to institutional open access repository (depending on author copyright/university policy 13000)
  - To communicate expertise and potential for collaboration

University-wide adoption and Latest Developments

- All colleges will use Elements for research and scholarship curation
- Establishment of college-level liaisons
- Support of university's new open access policy
- VT Experts public profile system https://experts.vt.edu

Elements Links and Resources

- Elements login: https://efars.provost.vt.edu/login.html
- Elements workshops offered through the Technology Enhanced Learning and Online Strategies Professional Development Network (TLOS PDN)

https://profdev.tlos.vt.edu

- Run faculty activity reports through the University Data Commons

https://udc.vt.edu

- For more information on VT Experts, see the detailed Library Guide at https://guides.lib.vt.edu/VirginiaTechExperts

Publishing Support at Virginia Tech

Peter Potter

Publishing Director

Newman Library

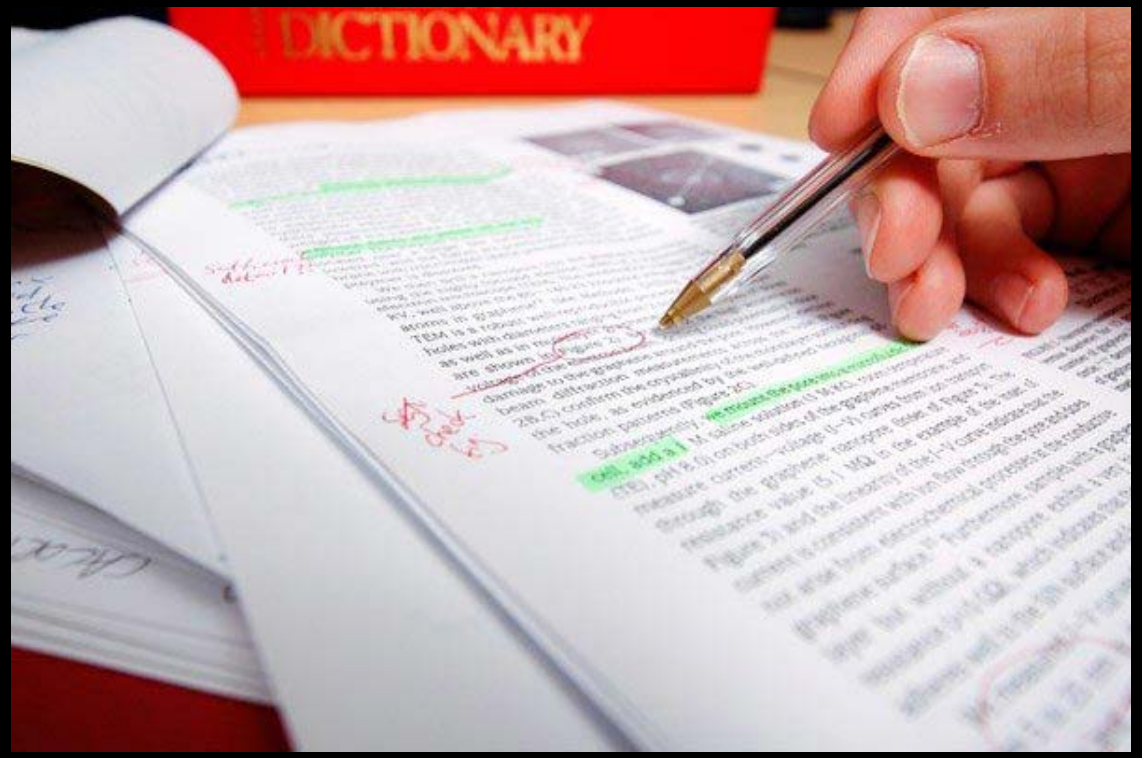
pjp33@vt.edu

Consulting

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

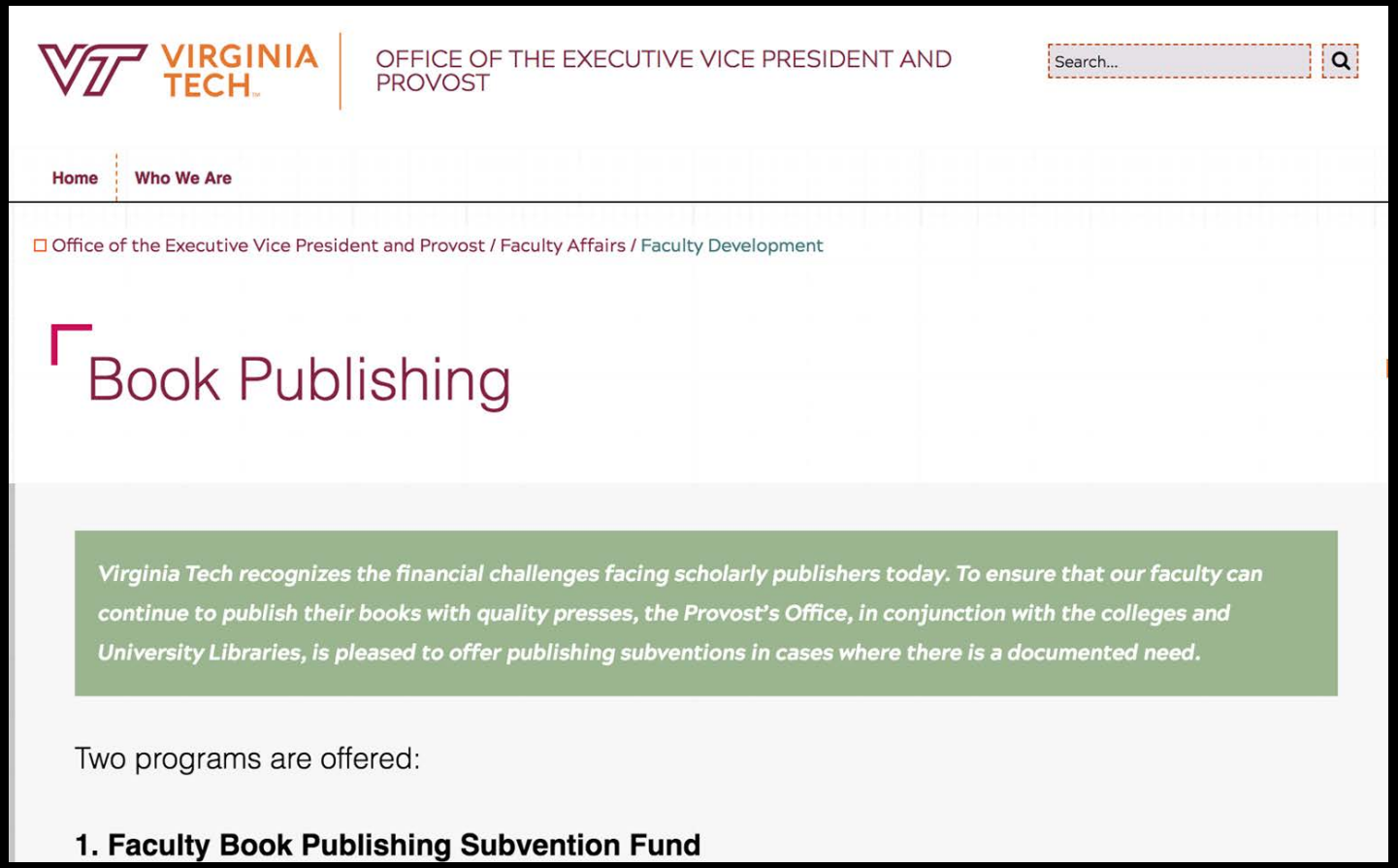
($$$)

Books

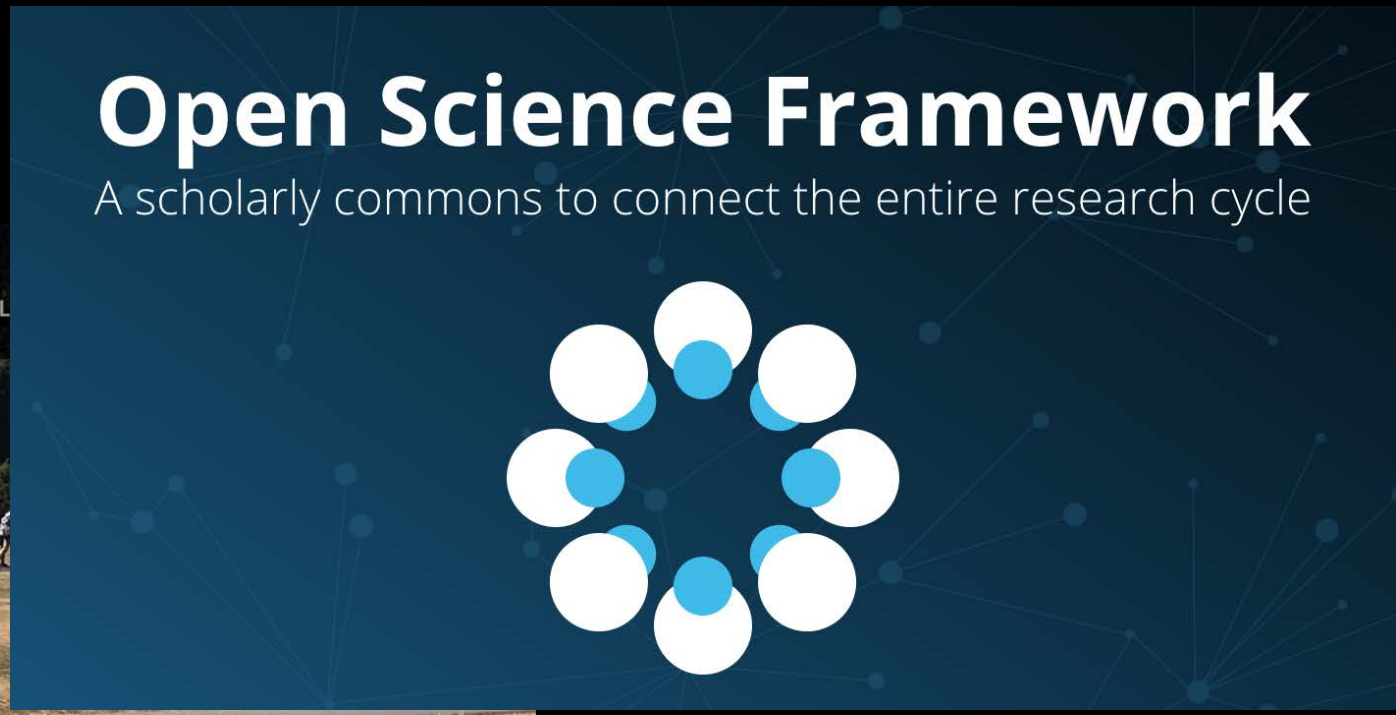
- Book Publishing Subvention Fund ($2-3k)
- TOME ($15k per book)

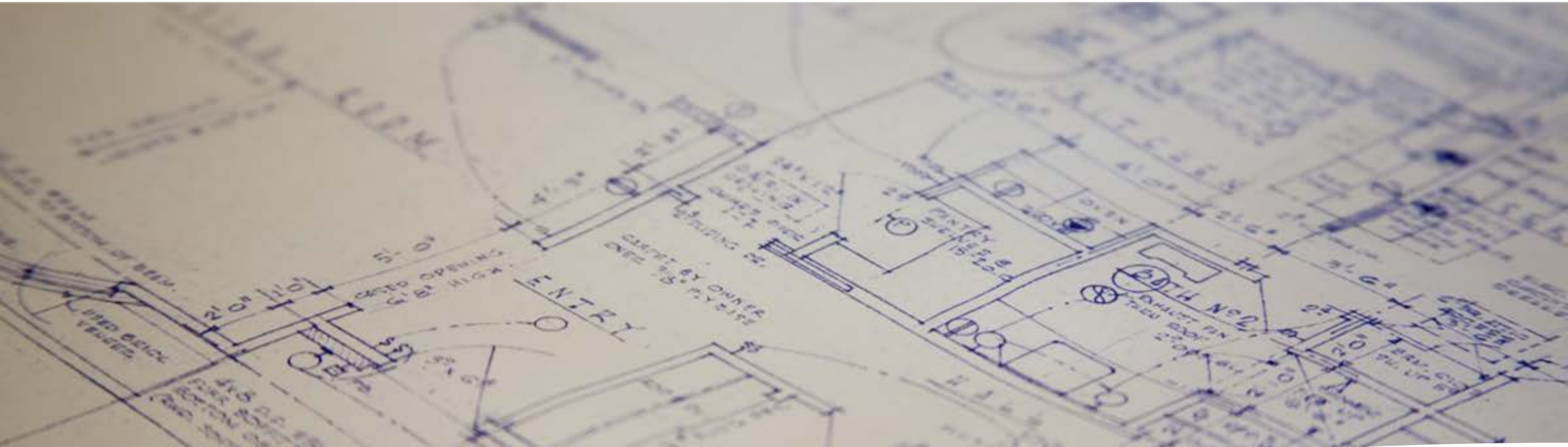
Articles

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



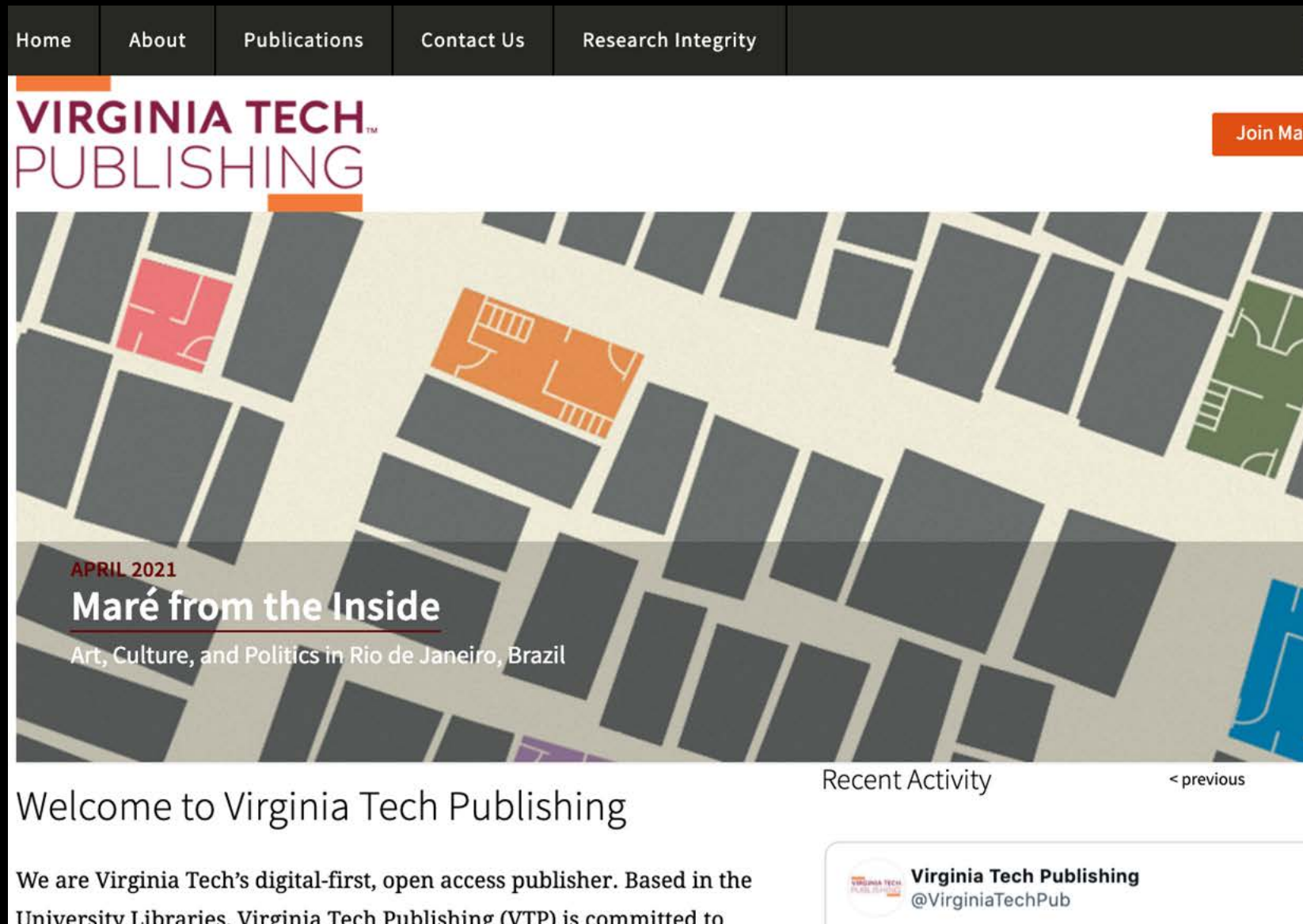
Tools for Writing & Publishing





Data Management Planning

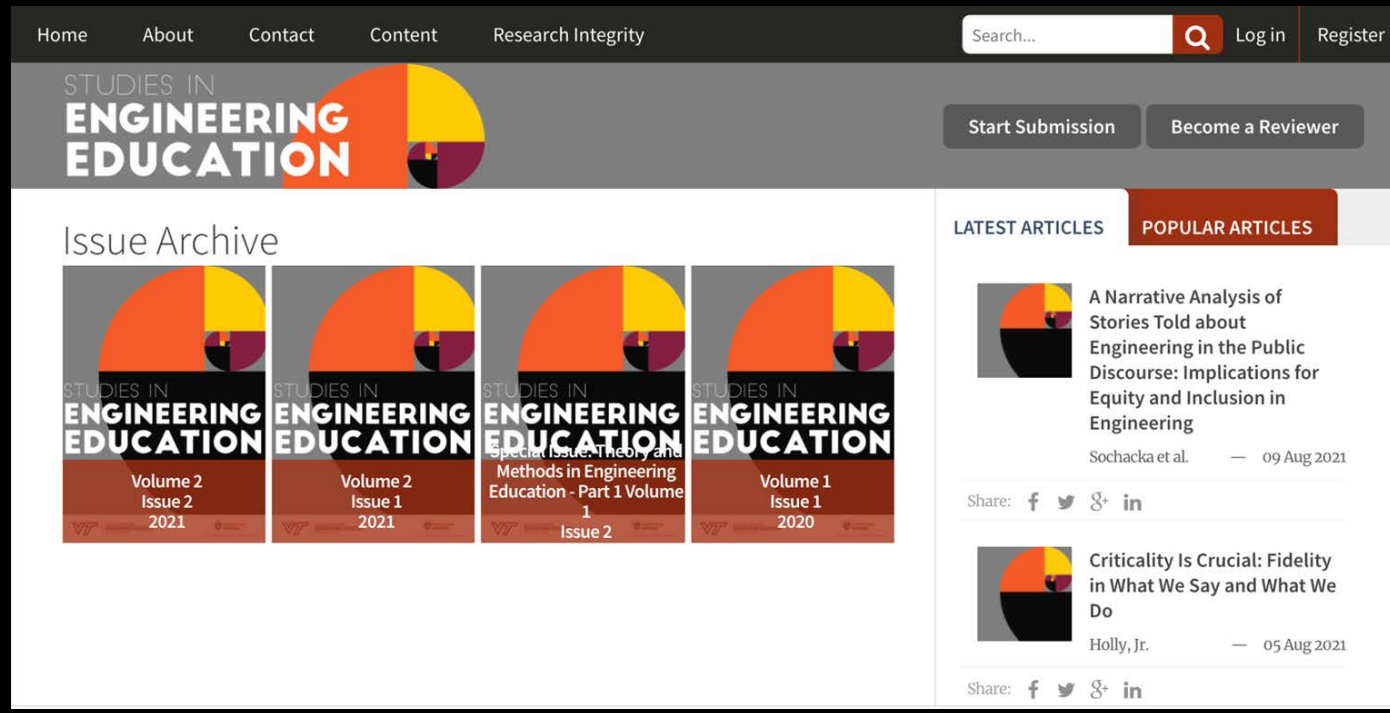
We Can Help You:



VIRGINIA TECH PUBLISHING

Start a Journal

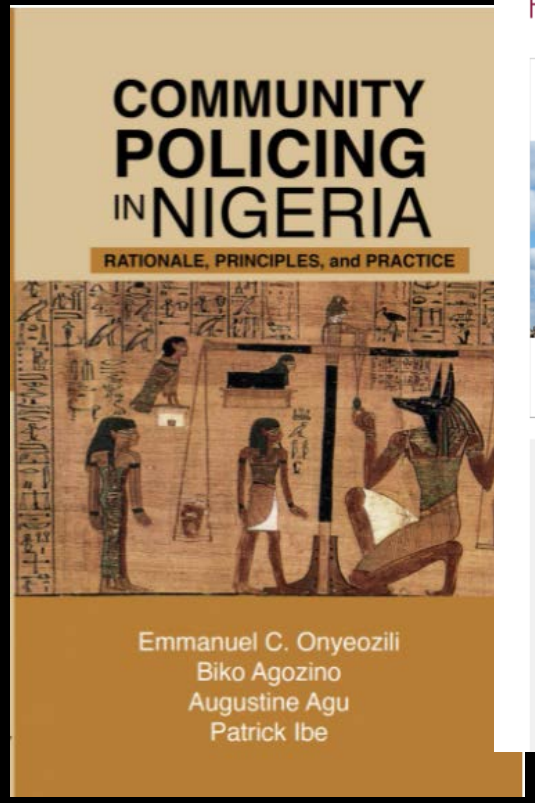
- 11 active journals today
- 4 student journals



https://publishing.vt.edu/site/journals/

VIRGINIA TECH PUBLISHING

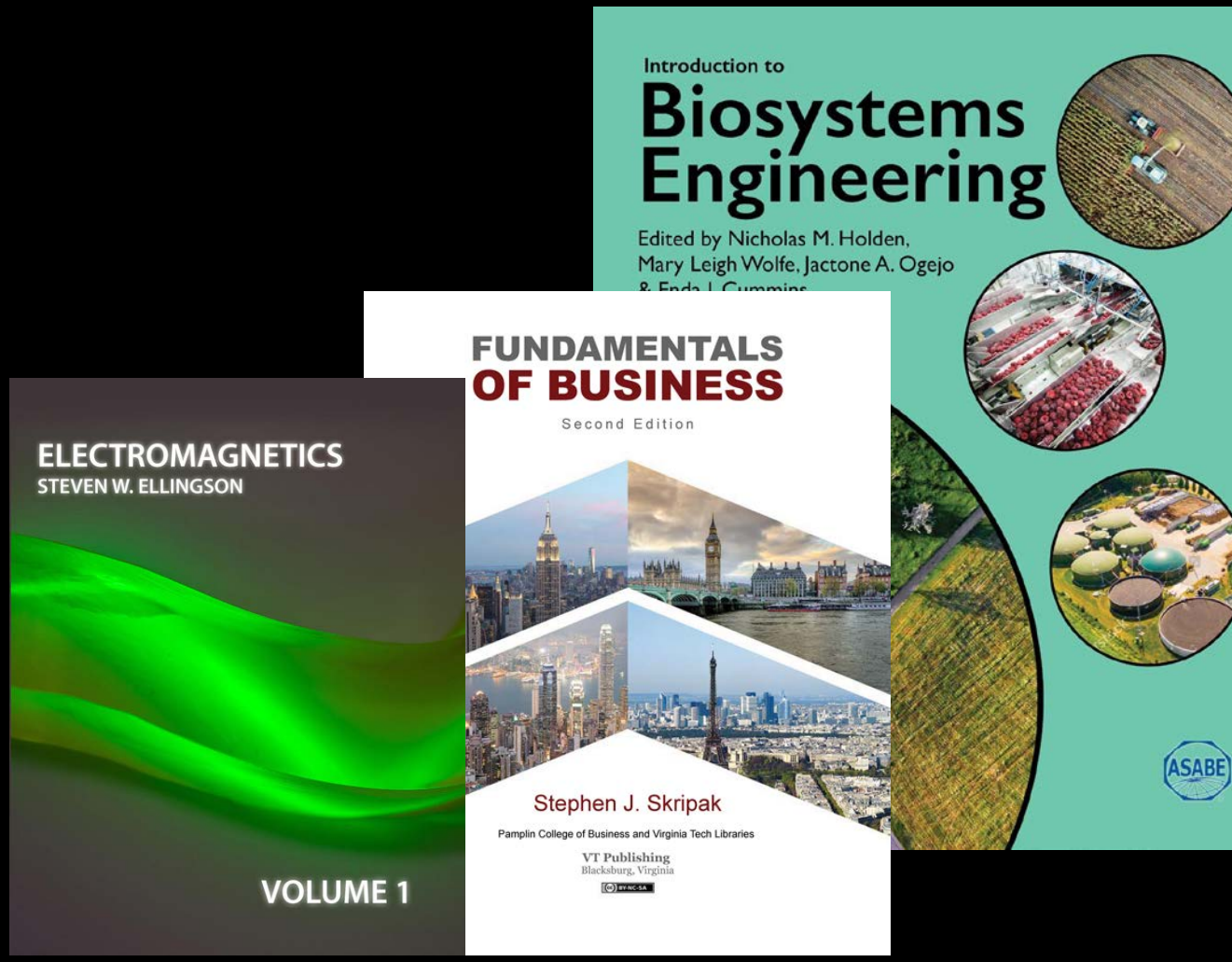
Publish a Book, Paper, or Report



https://publishing.vt.edu/site/books/

VIRGINIA TECH PUBLISHING

Create an Open Textbook



https://publishing.vt.edu/site/oer/

VIRGINIA TECH PUBLISHING

Produce a Podcast

https://publishing.vt.edu/site/podcasts/

Please Contact Me

Peter Potter

Publishing Director

Newman Library

pjp33@vt.edu

SAIG Statisical Applications & Innovations Group

How can we help you?

http://www.saig.stat.vt.edu

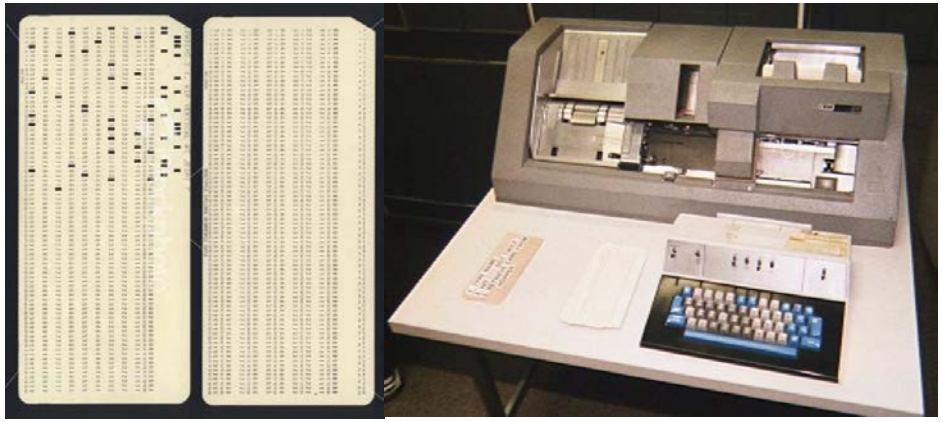
VIRGINIA TECH

A brief history of statistical consulting and collaboration at VT

1948

1949

1974



2010

LISA
Statistical Collaboration
Laboratory of Virginia Tech

2017

SAIG
Statisical 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?

FREE!*

Walk-in Hours

Long Term Consulting & Proposals

FREE!*

Short Term Consulting

FREE!*

Seminars & Short Courses

* FREE to graduate students, faculty, and staff in participating Colleges & Administrative Units.

VIRGINIA TECH. SAIG Statisical Applications & Innovations Group

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

RESEARCH AND INNOVATION
VIRGINIA TECH

OVPRI

research.vt.edu

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David Schabdach, Associate Vice President

RESEARCH COMPUTING
Terry Herdman, Associate Vice President[2]

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FRALIN LIFE SCIENCES INSTITUTE
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INSTITUTE FOR CRITICAL TECHNOLOGY AND APPLIED SCIENCE
Stefan Duma, Director[3]

INSTITUTE FOR SOCIETY, CULTURE AND ENVIRONMENT
Karen Roberto, Director

INSTITUTE FOR CREATIVITY, ARTS, AND TECHNOLOGY
Ben Knapp, Director[4]

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VIRGINIA TECH TRANSPORTATION INSTITUTE
Tom Dingus, Director

TED AND KARYN HUME CENTER FOR NATIONAL SECURITY AND TECHNOLOGY
Eric Paterson, Interim Executive Director

MACROMOLECULES INNOVATION INSTITUTE
Robert Moore, Director

INTERDISCIPLINARY CENTER FOR APPLIED MATHEMATICS
Terry Herdman, Director

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VIRGINIA TECH INTELLECTUAL PROPERTIES
Brandy Salmon, President

COMMONWEALTH CYBER INITIATIVE
Luiz DaSilva, Executive Director

COMMONWEALTH CYBER INITIATIVE SOUTHWEST VIRGINIA NODE
Gretchen Matthews, Director

1 *Dual report to Advancement*

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Pre Award Distribution 01-22-21

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VT Transportation Institute (VTTI) *			Anna	030800

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Hume Center *			Meghan	049700
Photonics *			Eric	010405
Electrical & Computer Engineering (ECE) *			Eric	010400
Center for Space Science (CSS) *			Eric	010410
Wireless @ VT *			Eric	010406
Fralin Biotech Center			Meghan	Various
Military Affairs, ROTC			Dalton	Various

Chelsea Willard	1-6349	cwillard@vt.edu	Backup	Org. #
College of Business			Shannell	M030
Chemical Engineering			Meghan	010200
Computer Science (CS) & HCI			MeganS	004100

Anna Steen (AD)	1-9168	asteen@vt.edu	Backup	Org. #
Biomedical Engineering and Mechanics (BEAM) *			Jessi	011200
College of Veterinary Medicine (Vet Med)			LauraL	003300
Conservation Management Institute (CMI)			Jessi	036900
Biological Systems Engineering (BSE)			MeganM	000200
Center for Gerontology			MeganM	017800
ICTAS			MeganM	047400

Jane Lee (AD)	1-6653	janelee@vt.edu	Backup	Org. #
Aerospace & Ocean Engineering (AOE) *			LauraL	010100
Carilion Research Institute (CRI) *			Shannell	018300
Entomology			Chelsea	000700
Plant Pathology, Phys & Weed Sciences (PPWS)			Binzhe	001200
Mechanical Engineering (Vib & Acoustics, Turbo)			Erin	Various

Laura Lawson (S)	1-6042	ldouglas@vt.edu	Backup	Org. #
Fisheries & Wildlife			Dalton	000900

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231-9547

LINK:

Advancing Industry Partnerships

LICENSE:

Commercializing Technology

Launch:

Start-up Support

Brandy Salmon
Associate Vice President Innovation & Partnerships
Brandy.salmon@vt.edu
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Connecting faculty to industry partners, corporate foundations & philanthropic organizations

Institutes at Virginia Tech

Thematic & Investment

Thematic Institutes

Virginia Tech
Transportation Institute

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Research Institute

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Hume National Security and
Technology

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Investment Institutes

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Institute for Creativity, Arts & Technology

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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

Pedagogy

Workshops

Online Resources

Certificate Programs

Communities of Practice

- Faculty Teaching Groups
- Large Class Instructors

Teaching Observations

Mid-semester Feedback

Consulting

Teaching Tool Kit

Student-Centered Design

Experiential Learning Academy

Consulting

Collaborations

- Colleges & Departments
- Destination Areas
- Pathways
- FYE

Institutes & Retreats

Grants

Course & Program

Educational Research

Grant Support

SoTL Support

- Online Resources
- Workshop Series
- Writing Retreats
- Consulting

University Initiatives

Conference on Higher Education Pedagogy

Teaching as Research

Recognition

External Awards

Internal Awards

- Departments
- Faculty

Academy of Teaching Excellence (ATE)

Diggs Teaching Scholars

Thank-A-Teacher

Faculty Spotlight

Celebrate Excellence

THE UNDERGRADUATE HONOR SYSTEM

KARA LATOPOLSKI
DIRECTOR
OFFICE OF UNDERGRADUATE ACADEMIC INTEGRITY

VIRGINIA TECH™

HONORSYSTEM.VT.ED

GUIDING PRINCIPLES AND PRACTICES

- Fostering a culture of integrity across campus
- Why students cheat
- Tips for preventing academic misconduct
- Academic Integrity and Student Success
- Technology enhanced: TurnItIn
- An ounce of prevention….

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KARA LATOPOLSKI

Director

JESSICA SPARKS

Administrative and Operations Assistant

REBECCA MOREAU

Assistant Director

HONOR COUNCIL STUDENT AND FACULTY LEADERS

/

UNDERSTANDING THE CODE STUDENT SESSIONS

- Understanding the Code sessions will all be held asynchronously via Canvas
  -August 31 – September 3 **https://canvas.vt.edu/enroll/7HR4PF**