

New Graduate Student Orientation



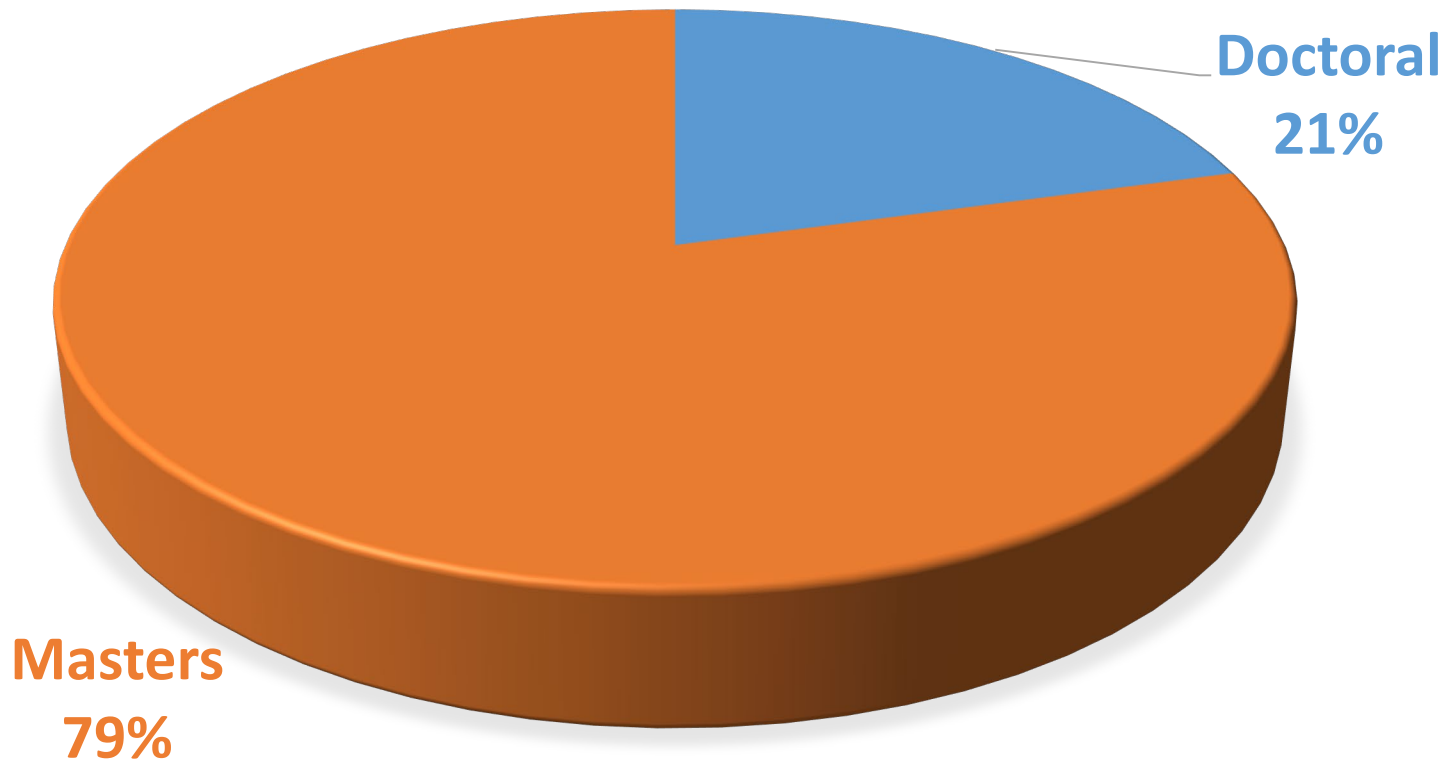
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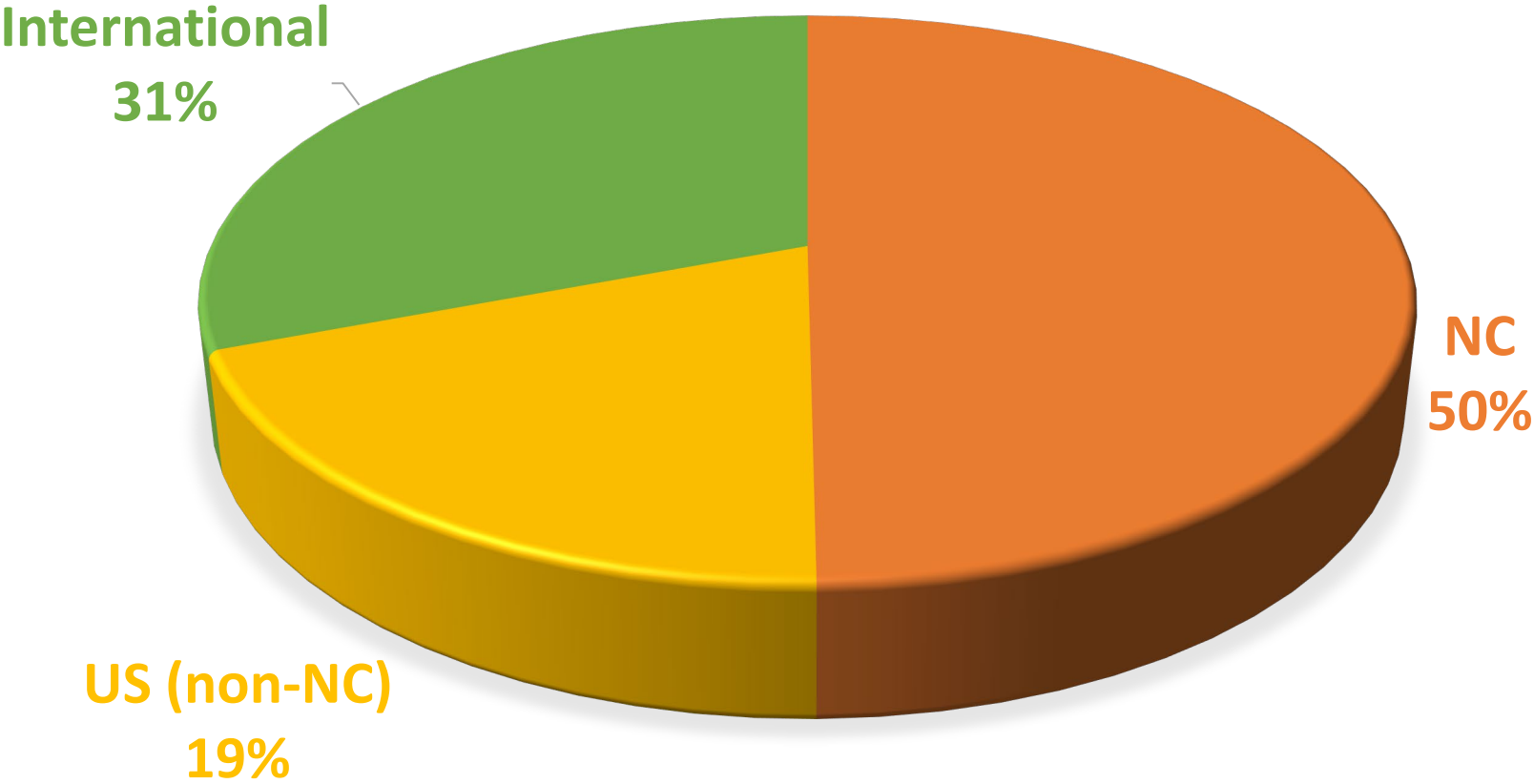
YEARS
OF GRADUATE
STUDENT SUCCESS

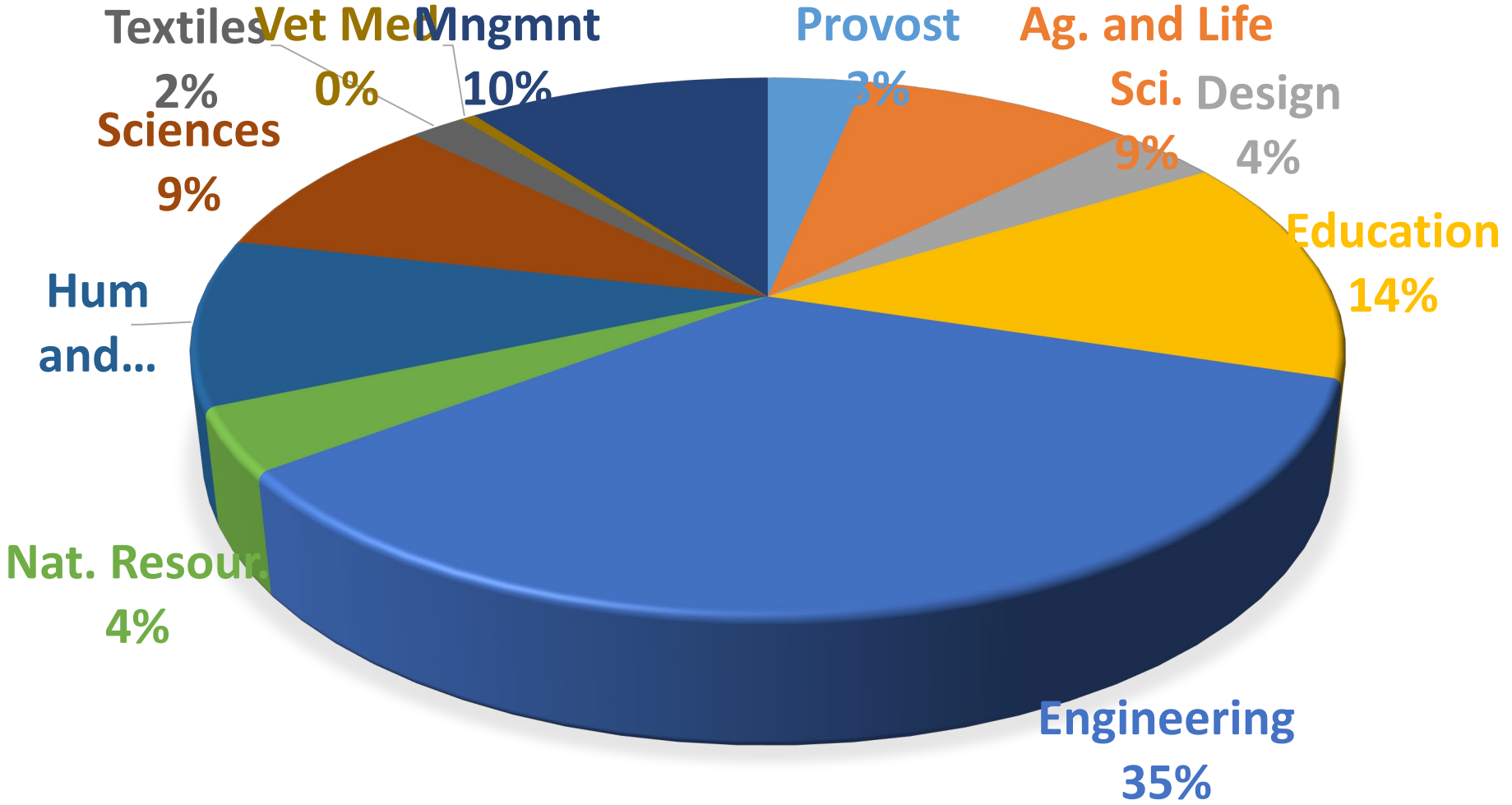
How to be Successful in Graduate School

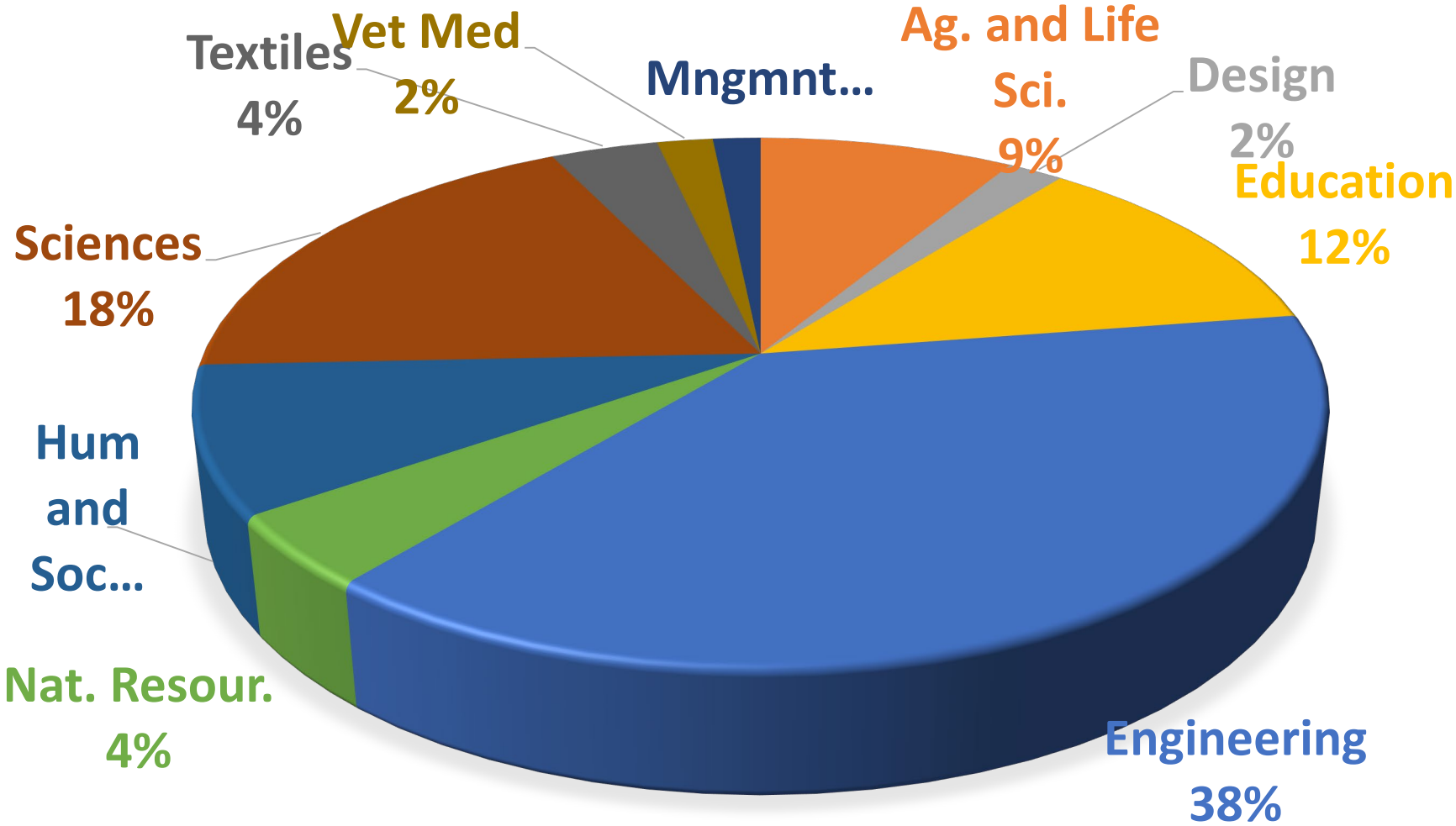
Peter Harries

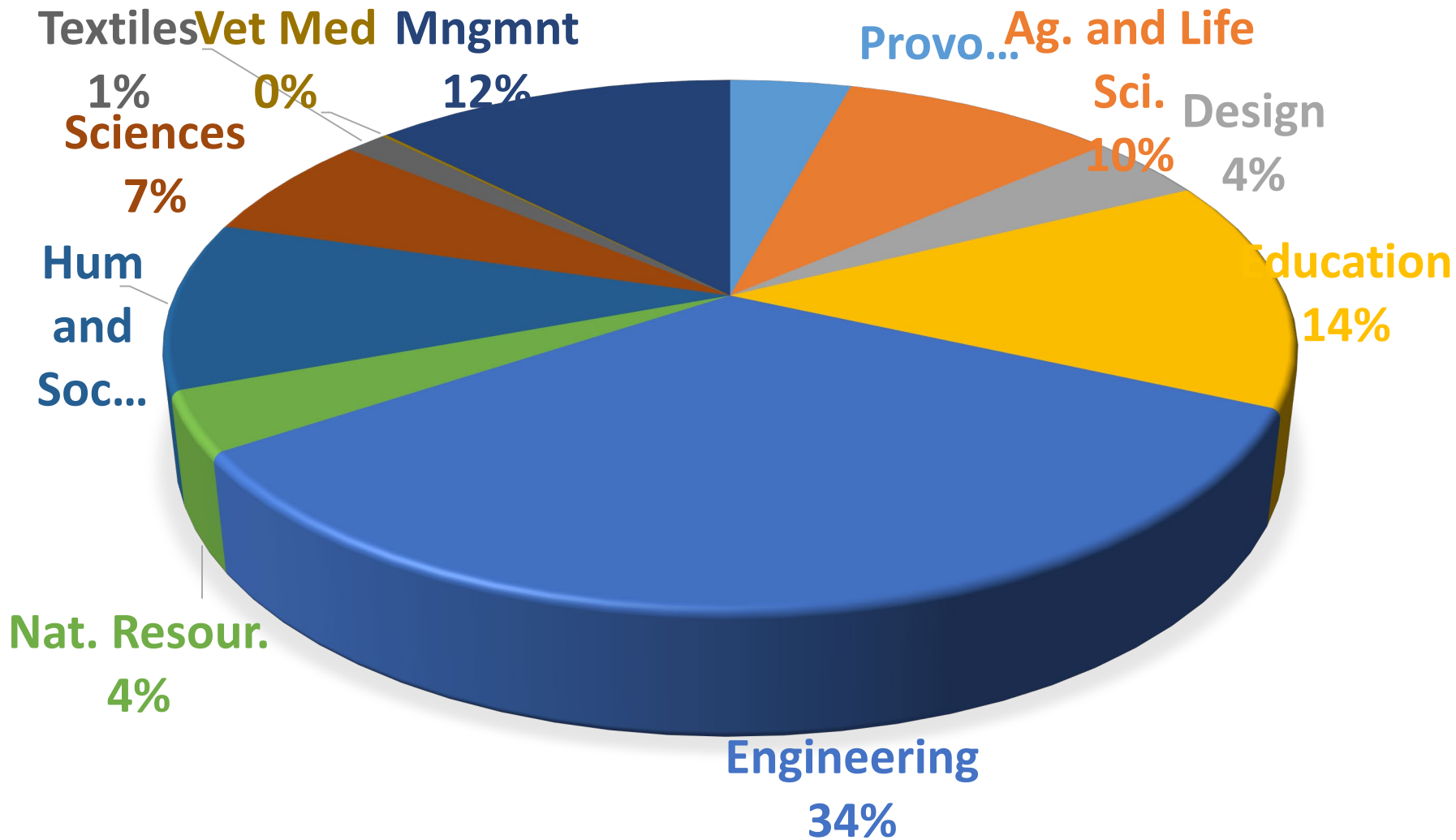
Who Are You? ~3600 new graduate students











NC State Strategic Priorities

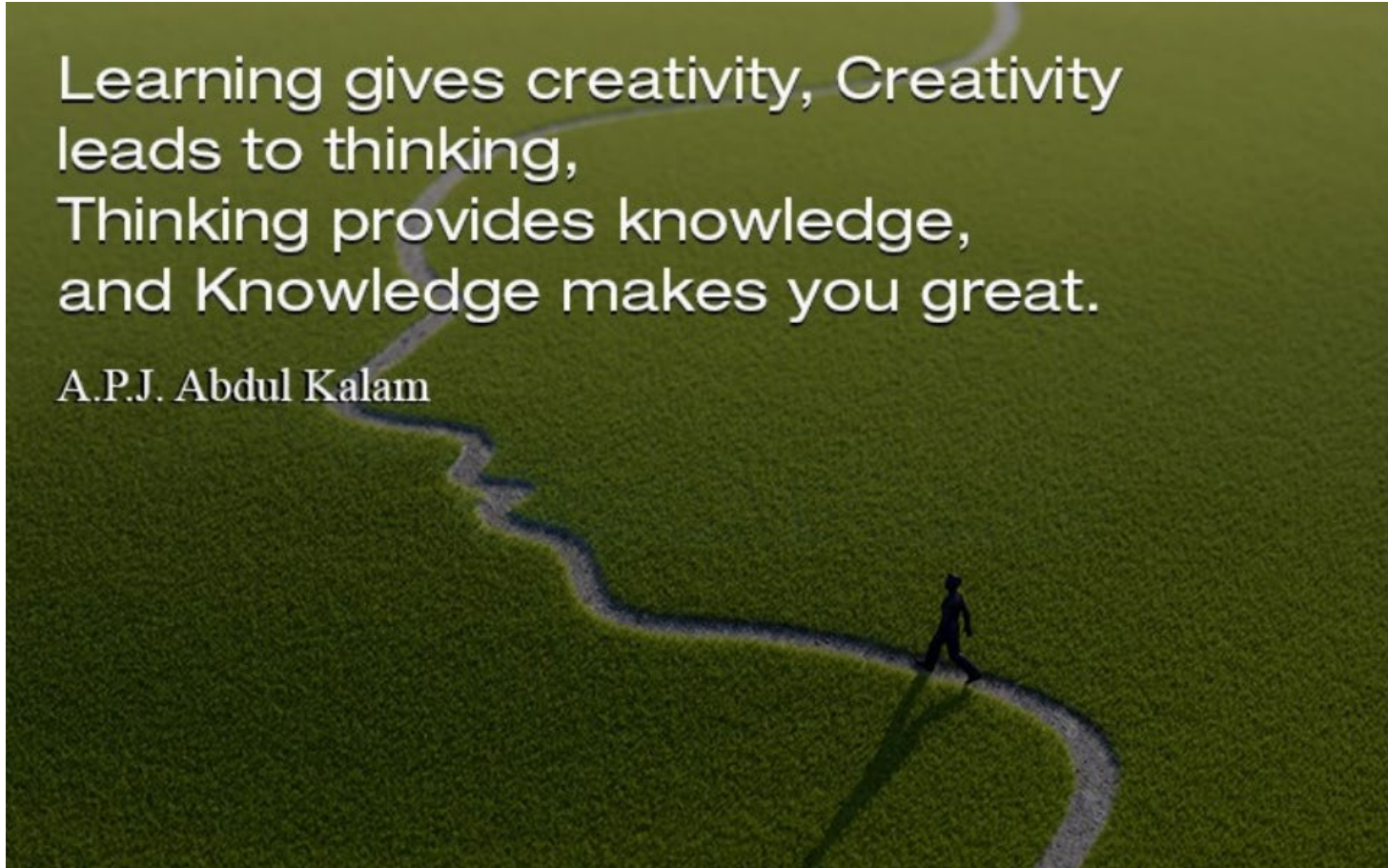
- **Goal 1: Enhance Student Success**
- **Goal 2: Invest in Faculty and Infrastructure**
- **Goal 3: Support Interdisciplinary Scholarship**
- **Goal 4: Pursue Organizational Excellence**
- **Goal 5: Engage Locally and Globally**

Critical Skills Needed for Graduate School Success

- Knowledge and Creativity
- Communication Skills
- Teamwork
- Resilience
- Planning and Organization
- Ethics and Integrity

Learning gives creativity, Creativity
leads to thinking,
Thinking provides knowledge,
and Knowledge makes you great.

A.P.J. Abdul Kalam



<https://csuitemind.com/quotes/>

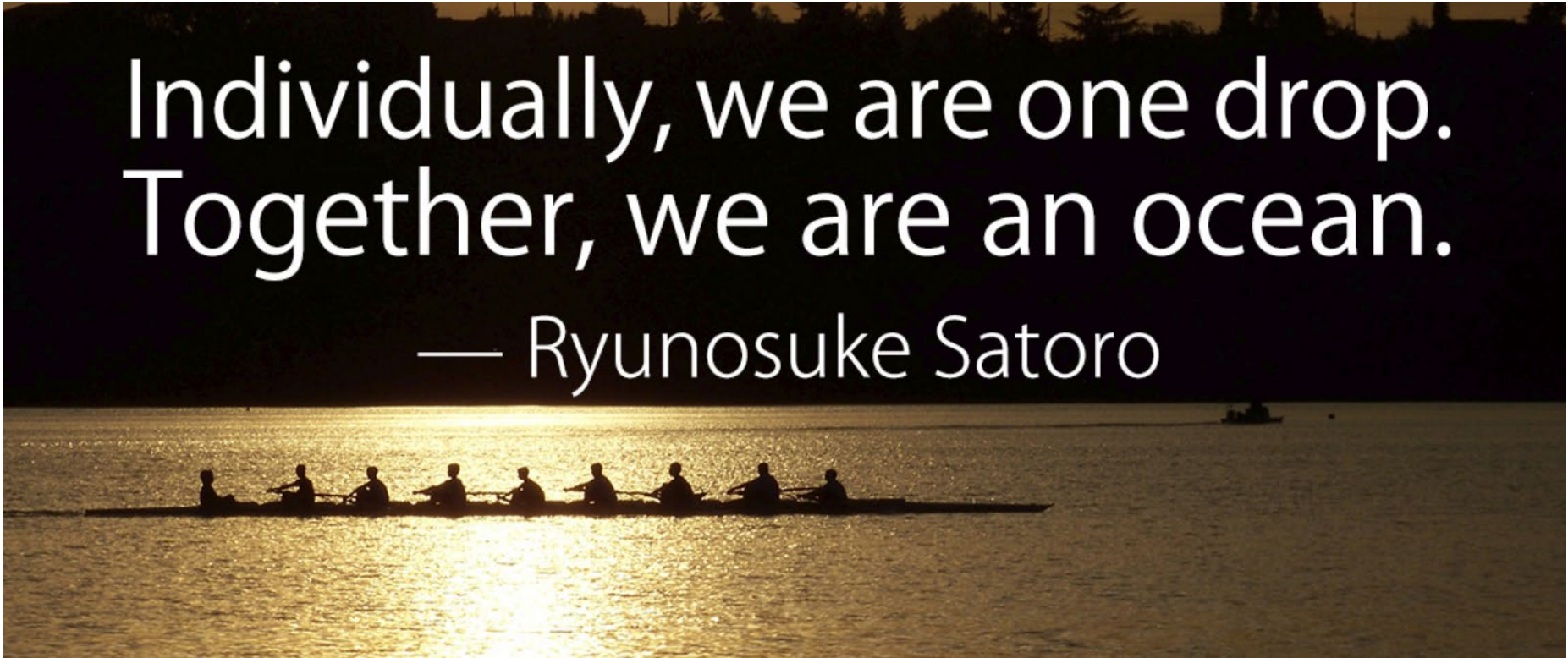
THE ^{single} *BIGGEST*
problem in
COMMUNICATION
is the *illusion*
that it has taken
place.

George Bernard Shaw

<https://www.askideas.com/>

Individually, we are one drop.
Together, we are an ocean.

— Ryunosuke Satoro



<https://quotabulary.com/>



Success is not final, failure
is not fatal: it is the courage
to continue that counts.

Winston Churchill

<https://quotefancy.com/>



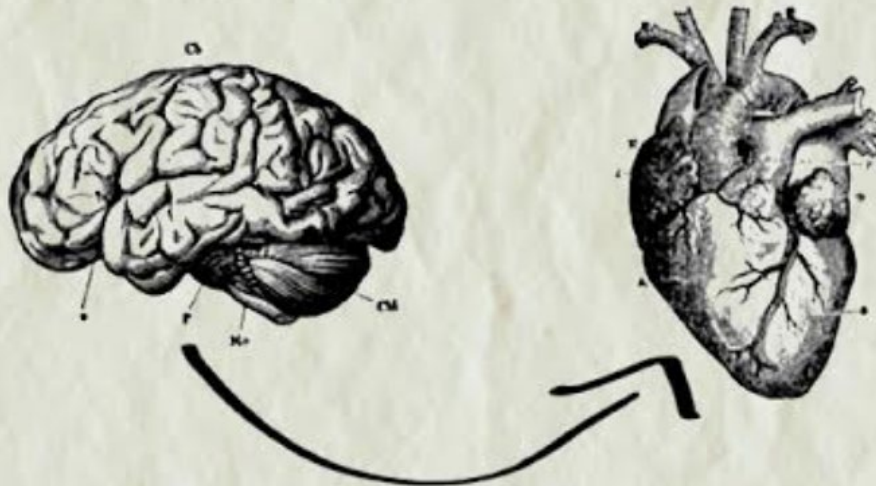
Organizing is what you do before
you do something, so that when
you do it, it is not all mixed up.

A. A. Milne

<https://quotefancy.com/quote/>

Educating the mind
without educating the heart
is no education at all.

- Via(The Minds Journal)



Aristotle - <https://themindsjournal.com/>

GRADUATE STUDENT SUCCESS: Academic Keys

- Seek out multiple opportunities → there are many resources available on campus that you should take advantage of
- Find opportunities to develop and hone the skills that employers are seeking
- Remember that you will need to be resilient to be successful so stay healthy and practice wellness. Reach out for help when needed



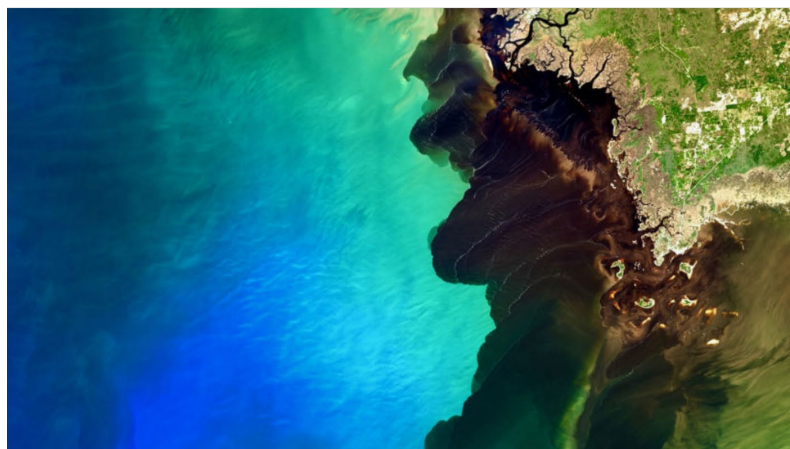
RESOURCES

search grad.ncsu.edu

The Graduate School



- About
- Graduate Programs
- Admissions
- Students
- Research
- Faculty and Staff
- Alumni and Giving



Envisioning Research

The winners of this year's Envisioning Research contest demonstrate the many ways research offers new perspectives on our world. →

 [Apply Now →](#)

 [Make a Gift →](#)

 [Find Answers →](#)

FIND A PROGRAM

Search our more than 200 nationally renowned program offerings to find the best fit for you.

The Graduate School at NC State equips students

Have a great graduate career!



We look forward to seeing you at graduation!

Road To Success

Lian Lynch

Assistant Dean of Graduate Student Administration
& Academic Affairs



Graduate Student Success Critical Elements

#1: Actively Engage in your Education

- THINK and DO
- Undergraduate vs. graduate
- Be an active learner
- Think outside the box



Graduate Student Success Critical Elements

#2: Develop a Program of Study

- Interact with advisor(s)
- Create a Graduate Plan of Work
- Track your achievements



▼ Student Homepage

Tasks & Holds



2 To Do's 1 Holds

Planning & Enrollment



Student Accounts



Financial Aid



Academic Records



Campus Living



Personal Information



< Student Homepage

Tasks

To Do List 2

Holds 1

Completed Agreements

Welcome, Yilin Xie

To Do List



Task	Due Date
Graduate Transcript	! Overdue
Patent Agreement	! Overdue



< Student Homepage



Tasks

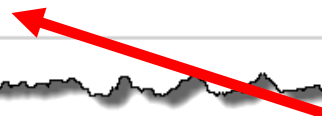
-  To Do List 2
-  Holds 1
-  Completed Agreements

Welcome, Yilin Xie

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▼ Student Homepage

Tasks & Holds



2 To Do's 1 Holds

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[Student Homepage](#)

Planning & Enrollment

 [Class Schedule](#)


2017 Summer Term 1

Graduate

 [Enrollment Wizard](#)

2017 Spring Term

Graduate

 [Enrollment Resources](#)


2016 Fall Term

Graduate


 [Graduate Plan of Work](#)


2016 Summer Term 1


Graduate


 [Apply for Graduation](#)


 [Progress Report](#)

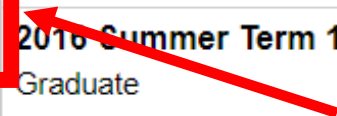
 [Term Withdraw](#)

 [Advisors](#)

 [Advising Dashboard](#)

 [Graduate Student Resources](#)

 [SAGE \(CED Only\)](#)



▼ Student Homepage

Tasks & Holds



2 To Do's 1 Holds

Planning & Enrollment



Student Accounts



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Campus Living









Personal Information



[← Student Homepage](#)

2019 Fall Term

Graduate

[Change](#) **Grades** Course History Enrollment Verification View Unofficial Transcript Order Official Transcript Transfer Credit Report

View Grades

Term GPA

Cumulative GPA

Class	Description
ST 501	Fundamentals of Inference I
ST 517	Applied Statistical Methods I
ST 555	Stat Programming I

Graduate Student Success Critical Elements

#3: Engage in Professional Development

- Develop skills beyond those obtained in your department



Graduate Student Success Critical Elements

#4: Know the Rules!

- Enroll early & in appropriate courses
- Maintain a 3.00 GPA at all times
- Continuously enroll



Graduate Student Success Critical Elements

#5: Stay Connected

- Google Calendar
- Instagram: @NCStateGradSchool
- Facebook: @NCStateGradSchool
- Twitter: @NCSUGradSchool
- YouTube: @NC State Graduate School



Graduate School & Mental Health

Cody Zane

Ph.D. Student & Mental Health Ambassador

My Story





Find yourself REAL

friends

-Dr. Valerie Ashby





Sometimes maintenance
is progress.

-Yogi Ti



3

Know Your Awesome.

-Mary Baker



2



LAUGH!

-Me





Anxiety Reduction



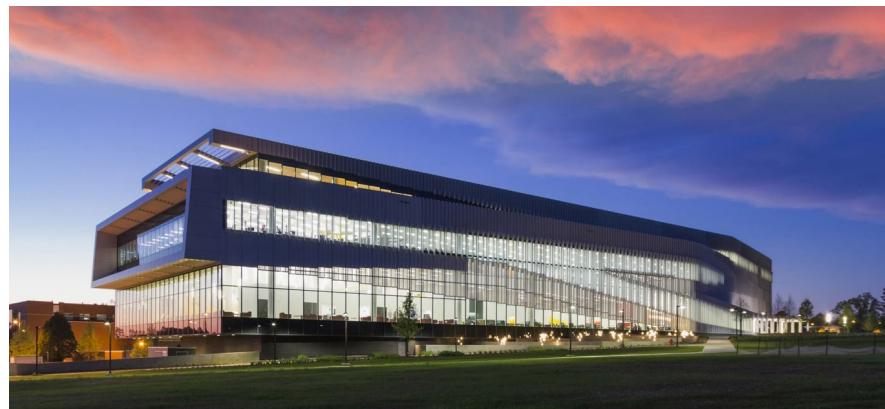
Accelerate to Industry™
FOUNDED BY THE NC STATE UNIVERSITY GRADUATE SCHOOL

NC STATE
Wellness and
Recreation



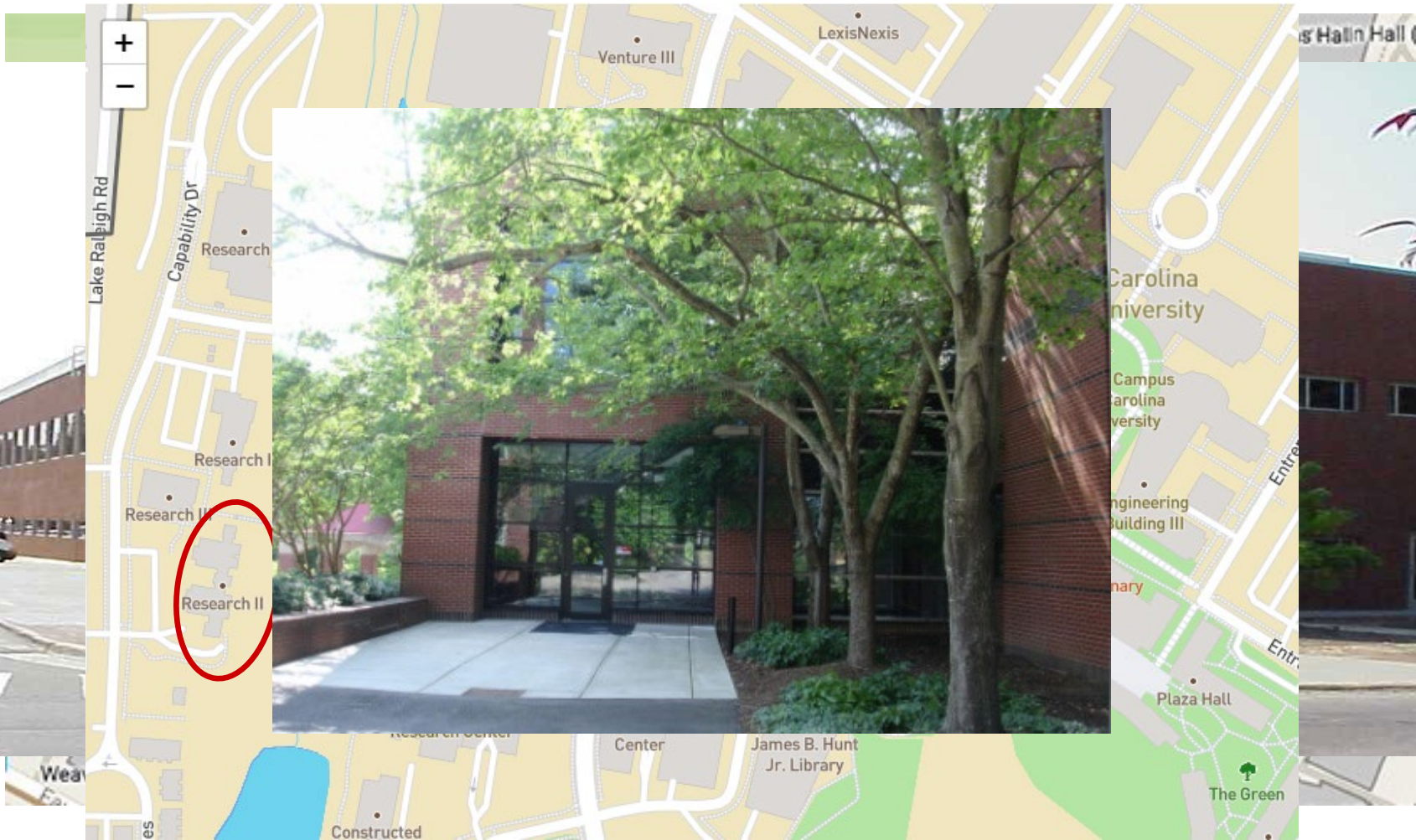
NC STATE

The Graduate School



NCSU LIBRARIES

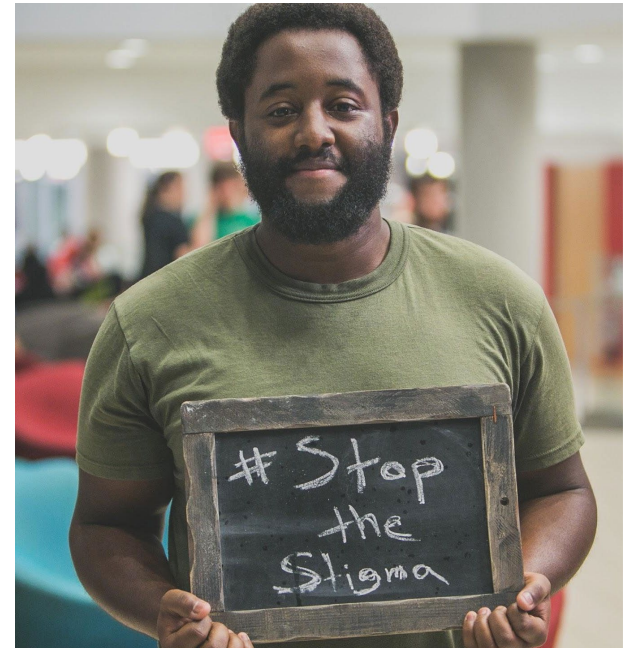
Where is the Counseling Center?



Counseling Center Services

Most students who pay the health fee are eligible for assessment and consultation. Students may also be eligible for the following:

- Psychoeducational resources
- Outreach programming
- Group
 - Drop-in
 - Interpersonal process
 - Treatment-specific
 - Identity-based
- Brief, goal-oriented, individual treatment
- Psychiatric services
- Assistance for on- or off-campus referrals

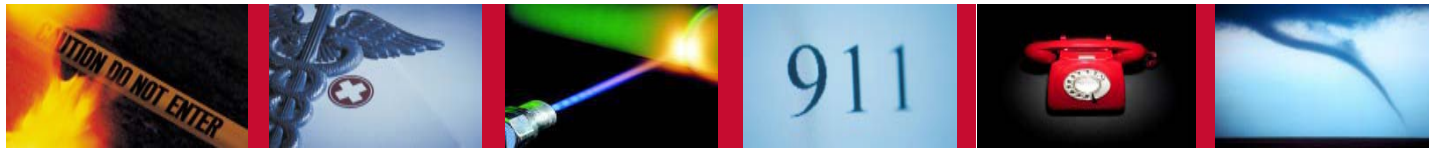


Want a Friend?

College of Textiles, Office 3221
cpzane@ncsu.edu



The Prepared Pack



Dr. Amy Orders

Environmental Health and Public Safety

Research Safety



Understanding the Hazards



Understanding the Equipment



Personnel Protective Gear



Training



Hazard Communication



Postings and Placards



Test Runs and Practice



Emergency Preparedness

Hazardous Material Emergencies

HAZARDOUS MATERIAL SPILLS Emergencies, call 911 immediately

Hazardous materials include biological, radiological, chemical and gases.

Any hazardous material spill should be reported

to **911** or **919-515-3000**

who will contact Environmental Health and Safety.

Do not attempt to clean up a hazardous material spill unless authorized by trained personnel through University training or direct supervision.

Resources

NC State Emergency Information Webpage

Wolfalert.ncsu.edu

Additional emergency information is provided for preparation and actions related to emergency events:

Emergency Management and Mission Continuity

go.ncsu.edu/packready

Professional Development Team

The Graduate School
NC State University

go.ncsu.edu/prof-dev

Professional Development

Academic Training

- Writing workshops
- Writing groups
- TA training
- Language support for multilingual students

Career Training

- Industry preparation
- Preparation for academic careers
- Teaching and Communication certificate
- **Writing certificate**



What is A2i?

go.ncsu.edu/a2i

- Leadership
- Communication
- Team collaboration
- Corporate culture
- Intrapreneurship
- Market assessment
- Technology evaluation
- Intellectual property
- Regulatory affairs
- Finance
- Commercialization



Accelerate to Industry (A2i)TM Core Modules

go.ncsu.edu/a2i

**Industry
Immersion**

Week, One-day or
Two-day Series

July 28-August 2,
2019

**Industry
Team
Practicum**

Semester and Year-
long Team Projects

Fall 2019

**Industry
Job Search
Strategies**

Half-semester
Development Series

Fall 2019

**Industry
Company
Site
Visit**

One-day Recruitment
Event

Spring & Fall
2019

**Industry
Internship**

Length Determined
by Company

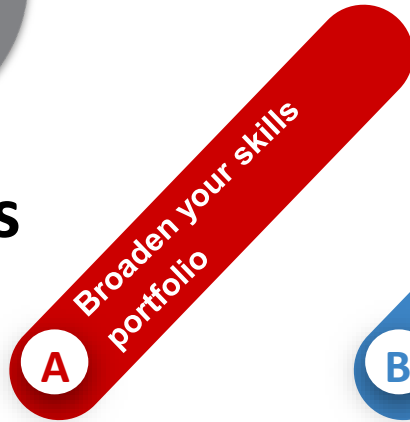
Fall 2019



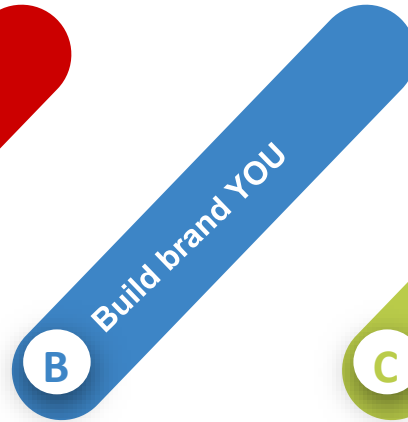
Accelerate to Industry (A2i)TM

go.ncsu.edu/a2i

Key Actions



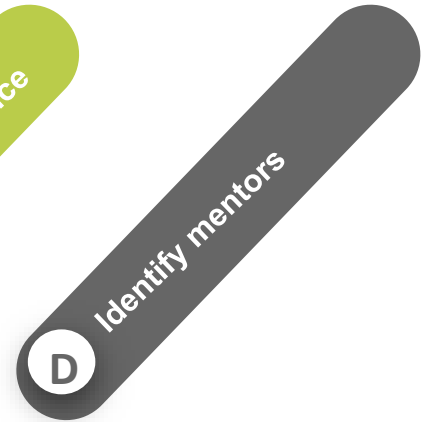
- Communication
- Leadership
- Project management
- Interdisciplinary teamwork
- Data science
- Product development
- Market evaluation



- Identify and communicate your UVP and career vision
- Build an online brand
- Expand, nurture and leverage your social "capital"



- Internships, co-ops
- Team projects
- FT/PT jobs
- Volunteer experiences



- Academia
- Industry (for-profit and nonprofit)
- Government



Crop Science



BIOMÉRIEUX





Accelerate to Industry (A2i)TM In the News

go.ncsu.edu/a2i

Google search: *U.S. News A2i*

<https://www.usnews.com/news/best-states/north-carolina/articles/2018-08-12/there-arent-enough-academic-jobs-so-nc-state-tries-to-help>

A ranking from U.S. News & World Report

USNews BEST STATES RANKINGS NEWS STATES DATA EXPLORER

[HOME](#) / [CIVIC](#) / [BEST STATES](#) / [NORTH CAROLINA NEWS](#)

There Aren't Enough Academic Jobs, So NC State Tries to Help

Prospects for Ph.D. earners are dismal in the academic job market, with stories abounding of people who have doctorates serving lattes at Starbucks.

Aug. 12, 2018, at 12:02 a.m. [f](#) [t](#) [r](#) [e](#) [m](#) [...](#)

AP

By JANE STANCILL, The News & Observer

RALEIGH, N.C. (AP) — Prospects for Ph.D. earners are dismal in the academic job market, with stories abounding of people who have doctorates serving lattes at Starbucks.

N.C. State University has taken on that conundrum with a new program that leads

Overview: Teaching and Communication Programs

- New TA Workshop
- Teaching and Communication Certificate
- Preparing the Professoriate
- Academic Packways



Teaching and Communication Certificate

Communicating effectively with non-specialist audiences

100 hours of approved activities

Online portfolio



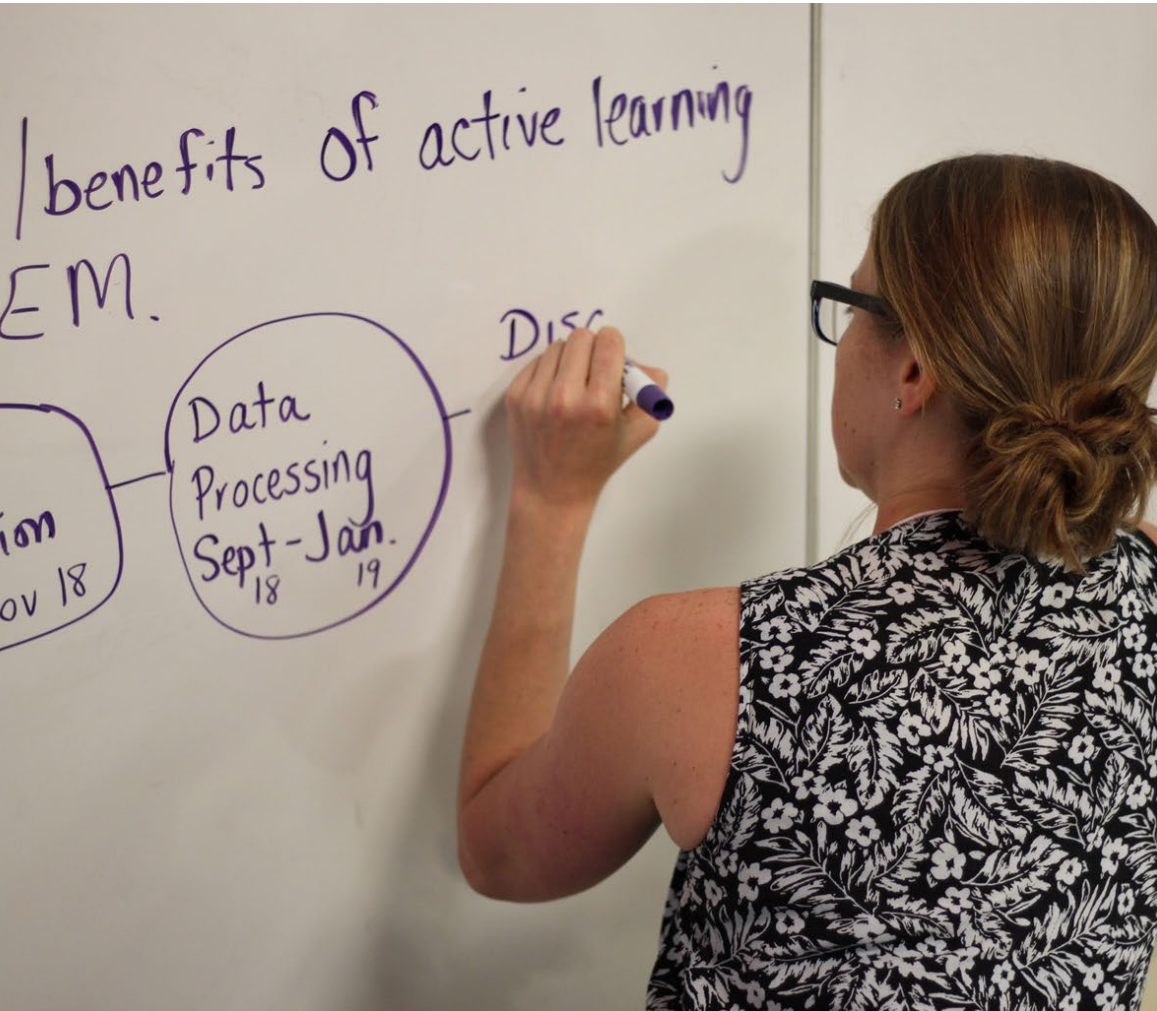
Preparing the Professoriate

Competitive year-long program
Faculty job search and career success strategies
Workshops and mentored teaching experience



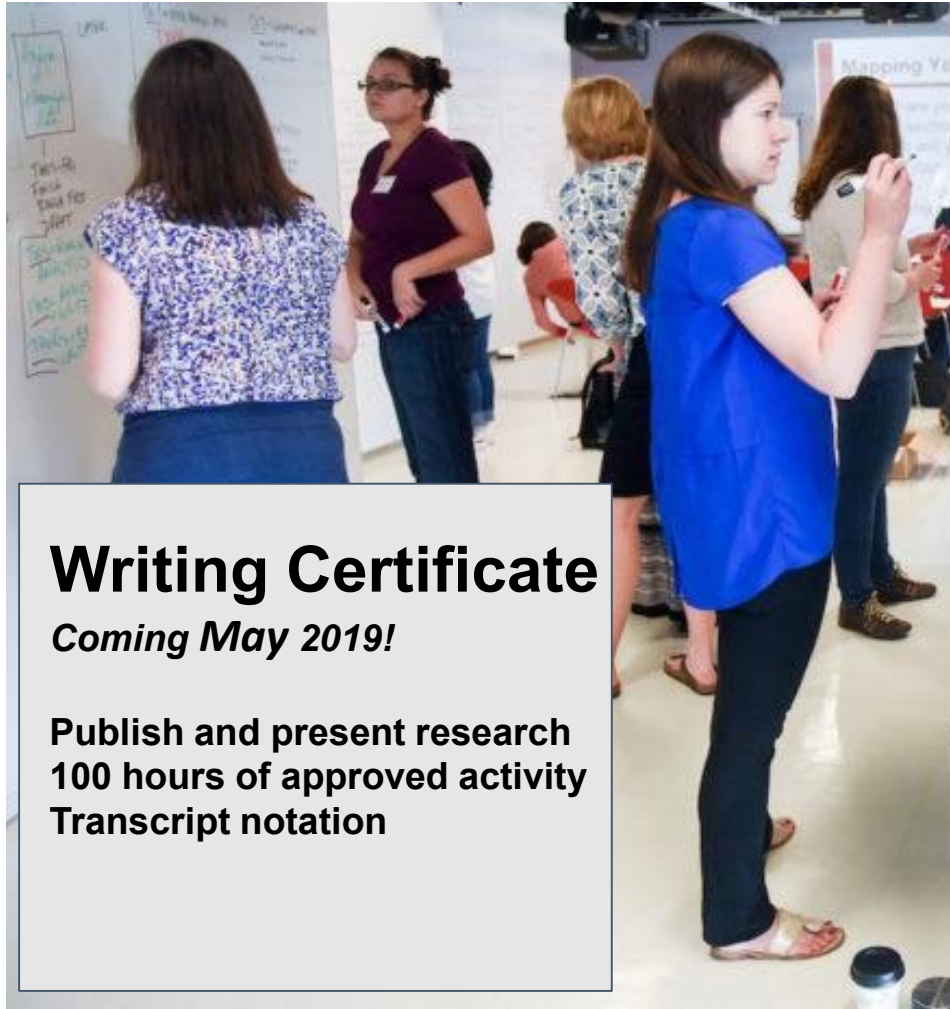
Academic Packways

2-day future faculty preparation program
Late-stage grad students and postdocs
Panels, presentations, working sessions
Job market dossier preparation



Camp Completion (every May and December)

- Dedicated individual writing time
- Consultations with expert researchers and writers
- Group writing opportunities
- Daily check-ins and motivational strategies
- Research support and library resources
- Lunch, snacks and coffee provided every day!



Writing Certificate

Coming May 2019!

- Publish and present research**
- 100 hours of approved activity**
- Transcript notation**

Grad Engineering Writing Support



Engineering Cafés (Spring 2019 topics)

- Professional emails
- Introduction sections
- Discussion sections
- Abstracts
- Reports
- Proposals

go.ncsu.edu/engineerwriting

Office of Postdoctoral Affairs

go.ncsu.edu/postdoc

Importance of an [Individual Development Plan](#) (IDP)

- Conversation with your PI
 - *What do you expect from your postdoc experience? What do you hope to gain or accomplish?*
 - *What does your PI expect?*

Online IDP Resources:

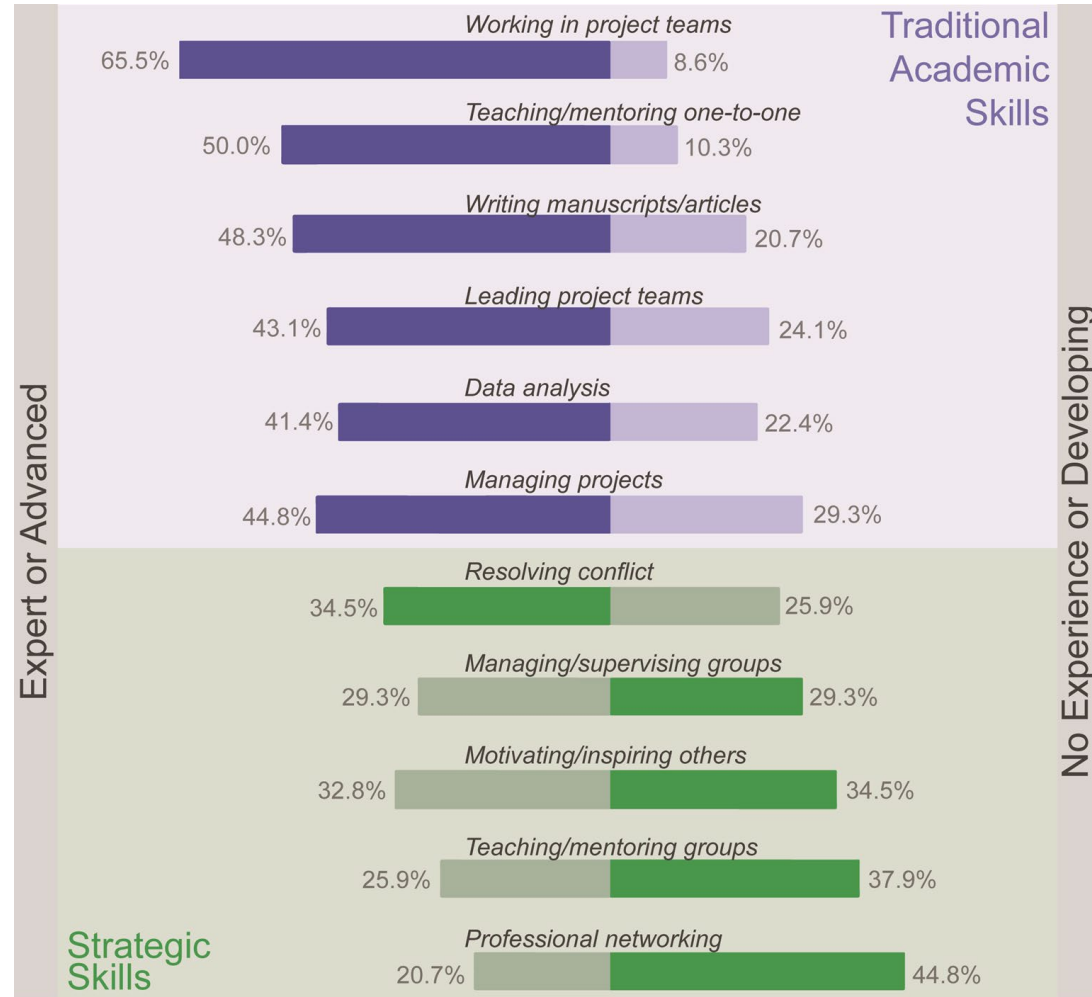
[myIDP](#) (Science Careers)

[ImaginePhD](#)

[NCSU IDP form](#)

Our *Professional Development* programming diversifies your training & improves Strategic Skills important in the workplace

A2i Immersion Week 2018 entry survey:
 Grad students & Postdocs' confidence in a range of skills (n=58)



Improving Your Postdoc Experience

Professional Development

- Funding Opportunities from OPA
 - [Professional Development Awards](#)
 - [Travel Awards](#)
- Major Events
 - National Postdoctoral Appreciation Week
 - [Postdoctoral Research Symposium](#)
 - Friday, May 31st, 2019, McKimmon Center
Keynote Speaker: Wayne Holden, Ph.D., President & CEO of RTI International (4-5 PM), all invited

Want More Information?

Sign up for our professional
development newsletter!

<https://goo.gl/JGKnAe>



Visit us at

go.ncsu.edu/prof-dev

Academic Integrity

Peter Harries

Academic Integrity



From: <http://library.csusb.edu/news/?p=8607>

Definition:

- NC State – Student Conduct: Academic integrity is the cornerstone of education. The free exchange of ideas depends on the participants' trust that others' work is their own and that it was done honestly. Intellectual progress in all disciplines demands the truthfulness of all participants. Plagiarism and cheating are attacks on the very foundation of academic life, and cannot be tolerated within universities.
- NC State – Research Misconduct: In the belief that honesty and integrity are essential to the search for knowledge, it is the regulation of North Carolina State University (NC State) that all persons involved in research and scholarship must guard the truth, uphold the highest standards in their research and scholarship, and protect the public trust that the academic environment has long held.

Fundamental Components

- Cheating
- Plagiarism
- Aiding and Abetting another to Cheat or Plagiarize
- Destruction or Removal of Academic Material
- Responsible Conduct of Research

Policies, Regulations & Rules

[View All... ▾](#)[Definitions](#)[Feedback](#)[Handbooks](#)[Overview](#)[Resources](#)[What's New](#)

REG 11.35.03 – Graduate Student Discipline Procedures

Authority: Dean of the Graduate School

POL 11.35.01 – Code of Student Conduct

Authority: Board of Trustees

REG 10.00.02 – Responding to Allegations of Research Misconduct

Authority: Vice Chancellor for Research and Innovation

Education with Integrity

Your culture of academic integrity begins with Turnitin.



Moss

A System for Detecting Software Similarity

The screenshot shows the Turnitin Feedback Studio interface. At the top, there's a navigation bar with links for Higher Education, Secondary Education, Resources, Community, Support, and Contact Sales. Below that, there's a sub-navigation bar for United Kingdom, Turnitin for Schools, Turnitin for Colleges, Turnitin for Universities, and Success Stories. The main header reads "Feedback Studio" with the tagline "Prevent plagiarism and provide meaningful feedback." and a "Get started today" button. The main content area shows a document titled "The Goliath of the Sea" by Confessa Ruiz. The document text is partially visible, showing a paragraph about the Goliath of the Sea. To the right, a sidebar displays the similarity score: 43%. Below the score, there's a list of sources with their respective similarity percentages: 1. 17%, 2. 14%, and 3. 12%.

Prevent plagiarism in all its forms.

Things to Consider

- Working ethically with a keen understanding of the nature of inquiry
- Citing effectively
 - Directly quoting material
 - Source of ideas
- Dealing with group work

NC State University Libraries

Graduate Student Resources & Services



go.ncsu.edu/libraryorientation_grad

Get Expert Help



- ★ Walk-Up
- ★ Chat
- ★ Text
- ★ Phone
- ★ E-Mail
- ★ Consultations

NC State University Libraries



D.H. Hill Jr. Library

Mon-Thu 24 hours

Friday closes at 10:00pm

Saturday 9:00am - 10:00pm

Sunday opens at 9:00am



James B. Hunt Jr. Library

Mon-Thu 24 hours

Friday closes at 10:00pm

Saturday 9:00am - 10:00pm

Sunday opens at 9:00am

Natural Resources Library

Jordan Hall

Design Library

Brooks Hall

Veterinary Medicine Library

Vet Med Campus

D.H. Hill Jr. Library

- Humanities, social sciences, management, physical sciences, agriculture, life sciences, and math collections
- Special collections and university archives
- Digital Media Lab, Visualization Studio, Makerspace, Virtual Reality Studio
- Group Study Rooms
- Graduate Student Commons

D.H. Hill Jr. Library Renovation

<https://www.lib.ncsu.edu/renovation>

Scheduled to open in Fall 2020, this project includes:

- Complete renovation of the second and third floors of the book stacks tower of the Hill Library with a new open stairwell connecting these floors with the Ask Us Lobby
- The new Academic Success Center, with services provided by the Division of Academic and Student Affairs (DASA)
- A new home for the Office of Undergraduate Research in the Hill Library
- New Libraries spaces including the Innovation Studio, an enlarged and upgraded Visualization Studio, and a new Data Experience Lab

The goal of this project is to enhance student and faculty success.

James B. Hunt Jr. Library

- Engineering and textiles campus and collections
- Makerspace: 3D Printing / Scanning
- Visualization spaces and media production studios
- Group Study Rooms
- Graduate Student Commons
- Dataspace (new!)

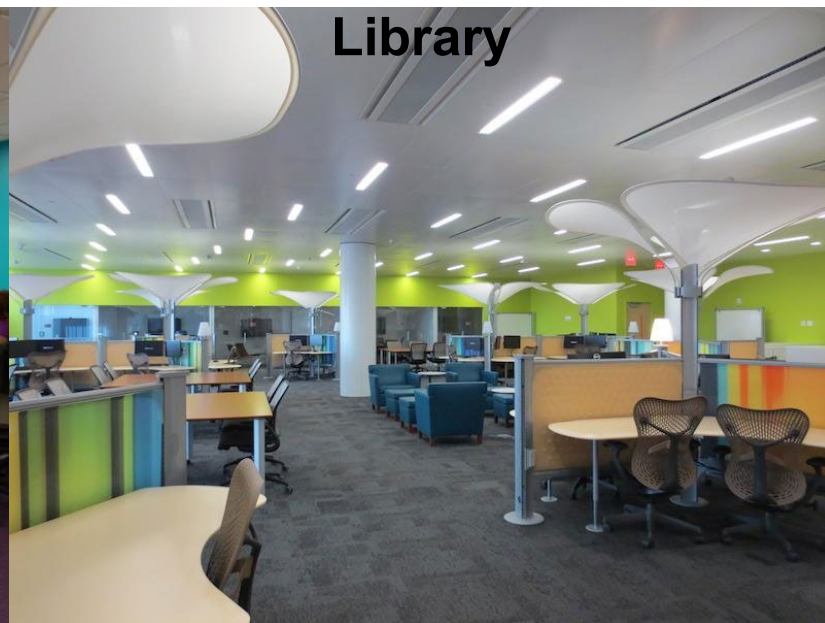
Graduate Student Commons

These are YOUR spaces!!!

D.H. Hill Jr. Library



**James B. Hunt Jr.
Library**



Your Library

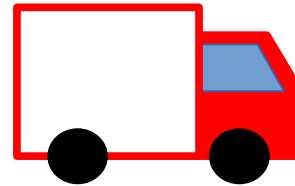
Regardless of which one holds your collections, every one of the library's spaces and services are open to **you!!**

By the Numbers

- Books:
 - In print & electronic
 - Loan period 90 days (+ unlimited renewals) - textbooks also! (renew items under [My Account](#))
- Articles:
 - <https://www.lib.ncsu.edu/databases/>
 - Google Scholar ([link to your NCSU account](#))



TRLN



Tripsaver

Library Research

lib.ncsu.edu

NC STATE

University Libraries



Find & Borrow

Study & Learn

Research & Teaching

Media & Making

Data & Visualization

About

TODAY'S HOURS Hill 7am - 11pm | Hunt 7am - 11pm

Hours My Account Log Out Ask Us Chat Now

All Articles Books & Media Our Website

Search books, articles, library website...

SEARCH



MORE RESEARCH TOOLS: [Databases](#) | [Journal Titles](#) | [Citation Builder](#)

TECHNOLOGY

- [Borrow Technology](#)
- [Digital Media Production](#)
- [Makerspace](#)
- [Data & Visualization](#)

SPACES

- [Reserve a Room](#)
- [Explore Spaces](#)

COURSES

- [Courses & Curricula](#)
- [Course Reserves](#)
- [Textbooks](#)



go.ncsu.edu/libraryorientation_grad



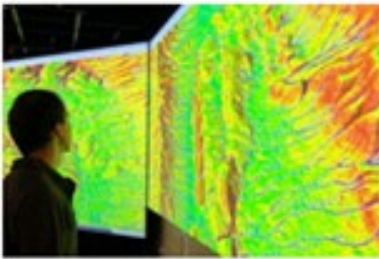
Technology Lending

go.ncsu.edu/libraryorientation_grad

Workshops

<https://www.lib.ncsu.edu/workshops>

**DATA
VISUALIZATION**



MAKERSPACE



**RESEARCH
STRATEGY**



DIGITAL MEDIA



- 680+ workshops & trainings offered in 2018 -2019
- Attended by over 9300 faculty and students.
- Diverse sets of topics such as R programming, altmetrics, grant support, Tableau, digital media production, citation analysis, 3-D scanning and printing, etc.

go.ncsu.edu/libraryorientation_grad



PEER SCHOLARS PROGRAM

<https://www.lib.ncsu.edu/peer-scholars>

The Peer Scholars Program is a series of workshops run through NC State University Libraries and **led by postdoctoral scholars and graduate students** with specific research skills, including (but not limited to) design, programming, analytics, immersive technologies, visualization, and data analytics. The events are open to NC State students, faculty, and staff. For more information, contact Alexa Carter (aacarte2@ncsu.edu).

go.ncsu.edu/libraryorientation_grad

Graduate Students Services

<http://lib.ncsu.edu/graduatestudents>

- Meet your Subject Specialist Librarian
- Request Research and Technology Consultations
- Citation Management guidance
- Copyright guidance
- Data/Statistics: Numeric, Geospatial (GIS)
- Tripsaver: Borrowing from other libraries!
- Register for Workshops
- Learn how to search and organize information to write your theses and dissertations

Get Expert Help



- ★ Walk-Up
- ★ Chat
- ★ Text
- ★ Phone
- ★ E-Mail
- ★ Consultations

Questions? Contact your Research Librarian for Graduate Services, Alexa Carter (aacarte2@ncsu.edu)

Student Panel