



College of Science and Mathematics

*Driven By
Discovery and Application*

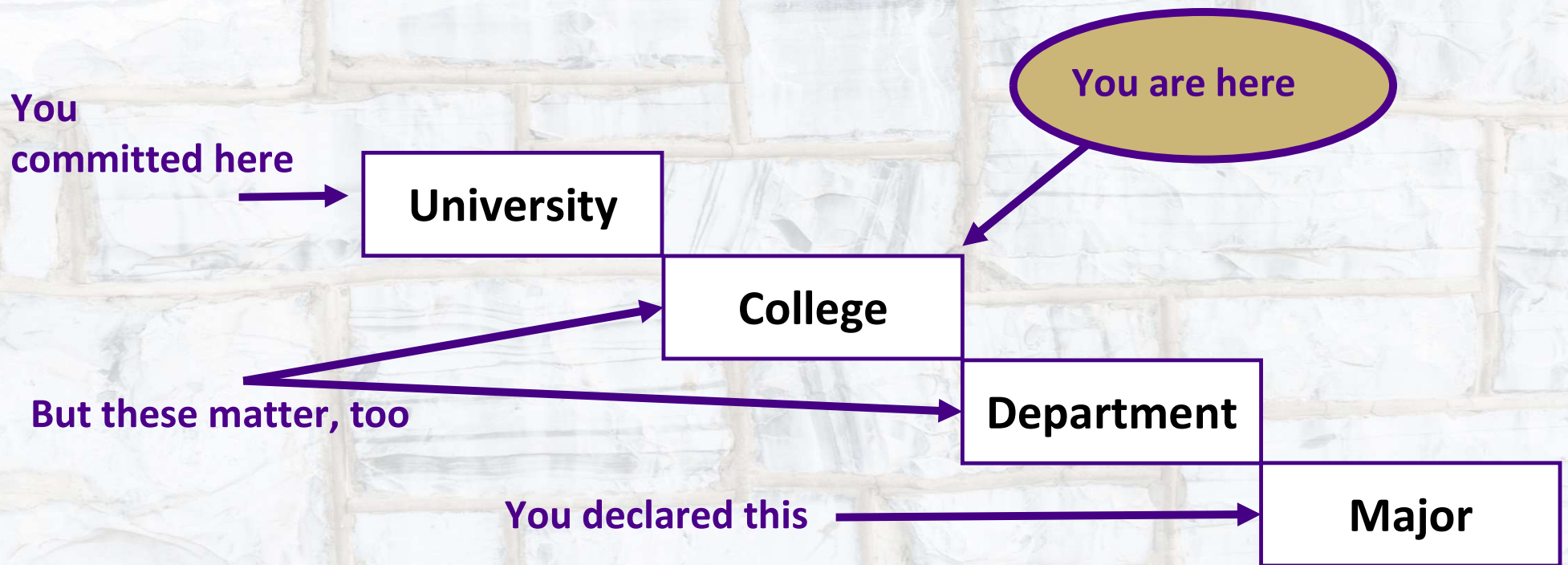


JAMES MADISON
UNIVERSITY®



College of Science
and Mathematics

Your College Home Glossary





College of Science
and Mathematics

Your College Home Glossary

- **Dean:** The leader of the college.
- **Academic Unit Head:** The department head.
- **Faculty:** Your greatest asset and professor who teaches courses.
- **Academic Advisor:** “Guidance” counselor who works with you to reach your academic goals. Helps you with your class selection and credit requirements.



**College of Science
and Mathematics**

Your Community



Samantha Bates Prins
CSM Dean



Steven Whitmeyer
Associate Dean



Mindy Capaldi
Associate Dean



Brycelyn Boardman
Assistant Dean



Courtney N. Hope
SSC and IE Director



Linette Watkins
Academic Unit Head
Chemistry&Biochemistry



Kyle Seifert
Academic Unit Head
Biology



Ravi Shankar
Academic Unit Head
Math&Stats

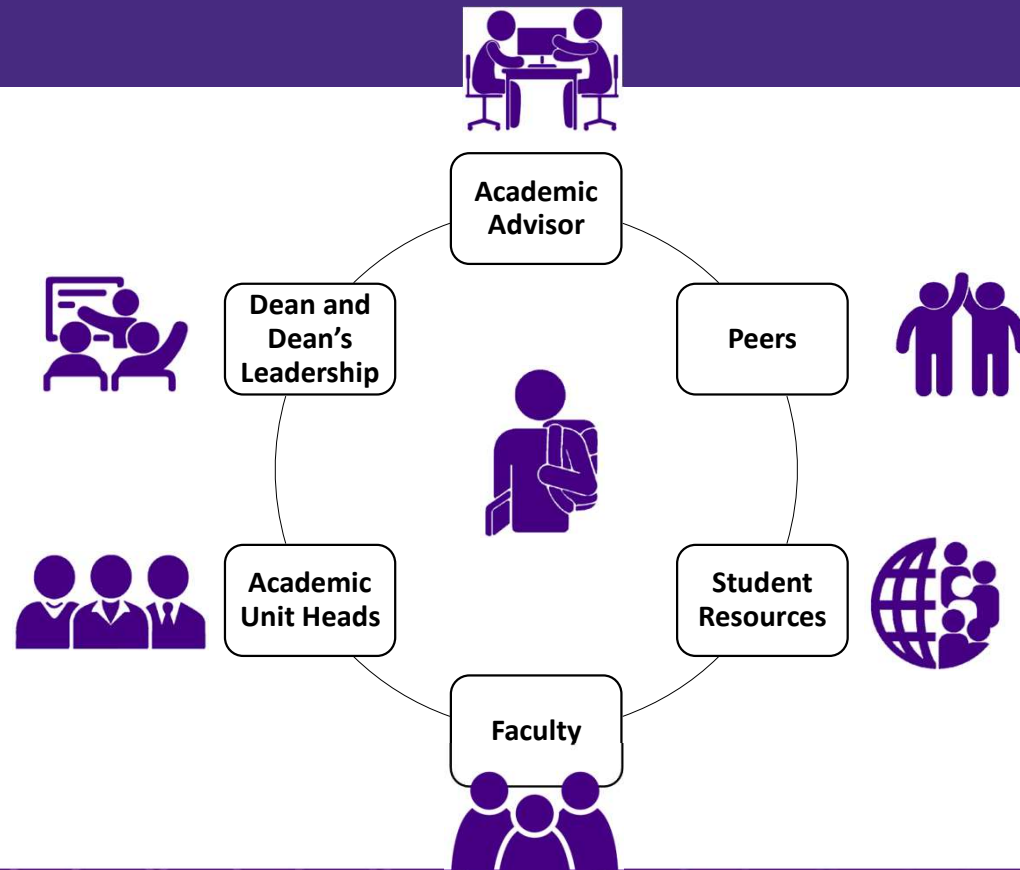


Stephen Leslie
Academic Unit Head
Geology&Environmental



Brett Taylor
Academic Unit Head
Physics&Astronomy

Your Success and Support Network in CSM





College of Science
and Mathematics

Who Are We?

KNOWLEDGE, APPLICATION, INTEGRATION

Discovery leads to new knowledge,
applications, and solutions

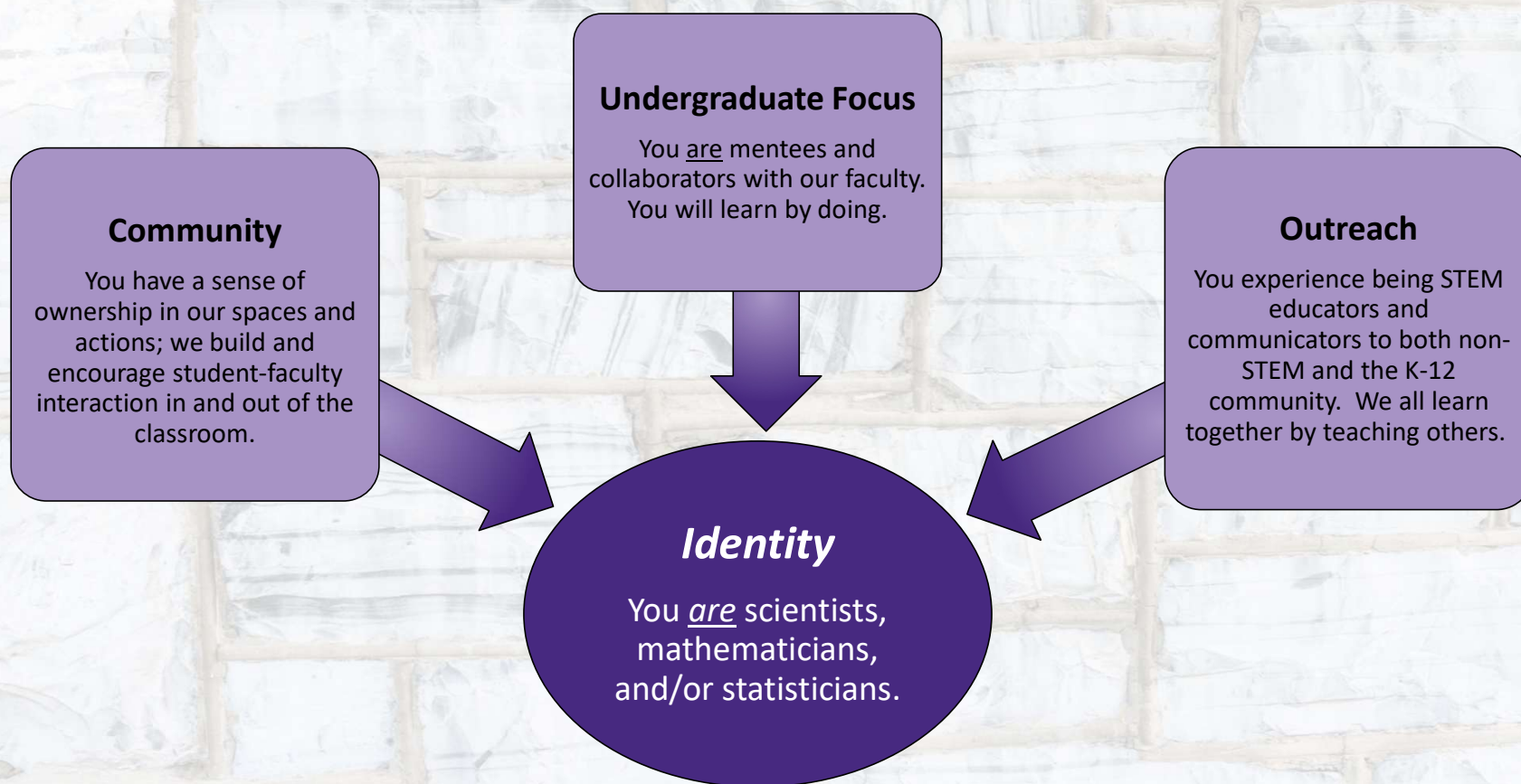
- Biology
- Biophysical Chemistry
- Biotechnology
- Chemistry
- Earth Science
- Geology
- Mathematics
- Physics
- Statistics





College of Science
and Mathematics

Who Are We?





College of Science
and Mathematics

Opportunities

Cutting-edge Research



- Course implementation
- Hands-on scientific exploration and discovery
 - Laboratories
 - Instrumentation

Industry



- CSM career conference
- Internship opportunities

Oratory Development



- Colloquia, conferences, and symposia
 - on-campus
 - local
 - national
 - international



College of Science
and Mathematics

CSM BINGO

College of Science & Mathematics

Common interest
or hobby
as you

Same
home
state

Same major
or
planned minor



College of Science
and Mathematics

Get Involved

Mentorship



- Teaching assistant (TA)
- Learning assistant (LA)
- Peer-assisted study session (PASS) leader

Engagement



- MadiSTEM
- ChemFest
- STEM Corps
- John C. Wells Planetarium
- **And Many Others!**

Student Orgs



- Geology Club
- Society of Physics Students (SPS)
- TriBeta
- AXE
- **And Many More!**

Student Resources

JMU College of Science and Mathematics



bit.ly/studentscsm

Resources For Success

Science and Math Learning Center



Student Success Center



Peer Assisted Study Sessions



Math & Stat Learning Suite



Liaison Librarians



Faculty and Staff



College of Science
and Mathematics

Tips for Success

About

Avoid
Multitasking

Establish a
Schedule

Stay
Organized

Create Space

Balance

Be Productive

Participate

Stay
Motivated

Take Care of
YOURSELF!



jmu.edu/chemistry



jmu.edu/geology



College of Science
and Mathematics

jmu.edu/mathstat



jmu.edu/physics



www.jmu.edu/CSM



[@JMU_CSM](https://twitter.com/JMU_CSM)

jmu.edu/biology



[linkedin.com/company/jmu_csm/](https://www.linkedin.com/company/jmu_csm/)



facebook.com/JMU_CSM



[@JMU_CSM](https://www.instagram.com/JMU_CSM)

Welcome Home!

JAMES MADISON
UNIVERSITY®



College of Science
and Mathematics

Your College Home Guide

- Glossary of Academic Terms
- Your Community
- Who Are We?
- Opportunities
- Bingo
- Get Involved
- Resources For Success
- Tips For Success



College of Science
and Mathematics

Welcome Home!



www.jmu.edu/CSM



@JMUCSM

For contact information by
major/departments:



<https://bit.ly/csmcontact>



College of Science
and Mathematics

Who Are We?

KNOWLEDGE, APPLICATION, INTEGRATION

Discovery leads to new knowledge,
applications, and solutions



Newer Programs:

- Concentration in **Data Science** (within Statistics major)
- Minor in **Climate Science**
- Minor in **Computational Analytics**





College of Science
and Mathematics

Opportunities

Become actively involved in cutting-edge research

- Instrumentation
- Laboratories
- Field-focused research opportunities
- Computational facilities
- Teaching opportunities





College of Science
and Mathematics

Opportunities

Become immersed in the fast-paced industry landscape

- Internship Opportunities
- Networking Events
- Industry Workshops
- CSM Career Conference
- Biotechnology Program





College of Science
and Mathematics

Opportunities

How do you get involved with opportunities?

- **CUREs** - Course-based Undergraduate Research Experiences
- Inquiry based learning approaches
- Departmental seminars and symposium
- Career conference & fairs: Internships





College of Science
and Mathematics

Opportunities

Participate in on-campus, local, national, and international conferences and symposia.

- REUs: NSF Research Experiences for Undergraduates
- SUMS: Shenandoah Undergraduate Mathematics & Statistics Conference
- Department Colloquia and Symposia





College of Science
and Mathematics

Opportunities

Tell YOUR story...

- **What** are you learning from your classroom and other academic experiences?
- **How** will you convey your experiences to employers and/or graduate schools?
- **How** will you communicate your experiences with the general public?





College of Science
and Mathematics

Get Involved

Orgs, Clubs, & Groups

- Assoc. for Women Geoscientists (**AWG**)
- Assoc. for Women in Mathematics (**AWM**)
- Assoc. of Environmental and Engineering Geologists
- Biology Students of Color (**BIOSOC**)
- JMU Geology Club
- National Organization for the Professional Advancement of Black Chemists and Chemical Engineers (**NOBCChE**)
- Society of Chicanos/Hispanics and Native Americans in Science (**SACNAS**)
- Student Affiliates of the American Chemical Society (**SAACS**)
- Society of Physics Students (**SPS**)
- CSM Student Council





College of Science
and Mathematics

Get Involved

Students mentoring students

- Become a Teaching Assistant (TA), Learning Assistant (LA), or a Peer Assisted Study Session (PASS) Leader

**And be sure to attend department,
major, and college social events!**





College of Science
and Mathematics

Get Involved

Give back to and learn from your community

- madiSTEM: Making a Difference in Science, Technology, Engineering, and Mathematics
- ChemFest
- Center for STEM Education & Outreach
- John C. Wells Planetarium
- STEM nights
- **And Many Others!**





College of Science
and Mathematics

Don't Limit Yourself!

- Many employment options
- Many paths to success
- Keep your mind open and ask questions about next steps





College of Science
and Mathematics

Resources

- Career Center
- First year advisor (now)
- Major advisor (spring)
- Department head
- Faculty instructors
- Industry liaison
- CSM Career Conference (fall)
- Scholarship community

