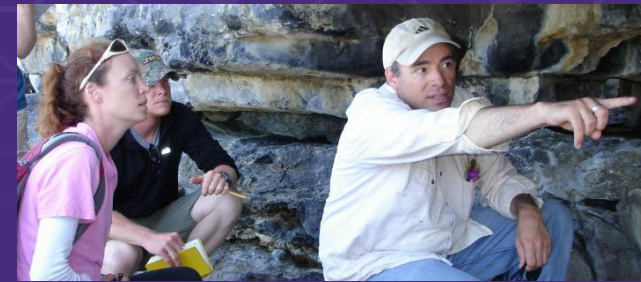




# College of Science and Mathematics

*Driven By  
Discovery and Application*





## College of Science and Mathematics

# Who Are We?



Samantha Bates Prins  
CSM Dean



Steven Whitmeyer  
Associate Dean



Mindy Capaldi  
Associate Dean



Brycelyn Boardman  
Assistant Dean



Courtney N. Hope  
SSC and IE Director



Allisa Vincent  
Industry Liaison



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



Christopher Hughes  
Academic Unit Head  
Physics&Astronomy



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?

## KNOWLEDGE, APPLICATION, INTEGRATION

Discovery leads to new knowledge,  
applications, and solutions



## Newer Programs:

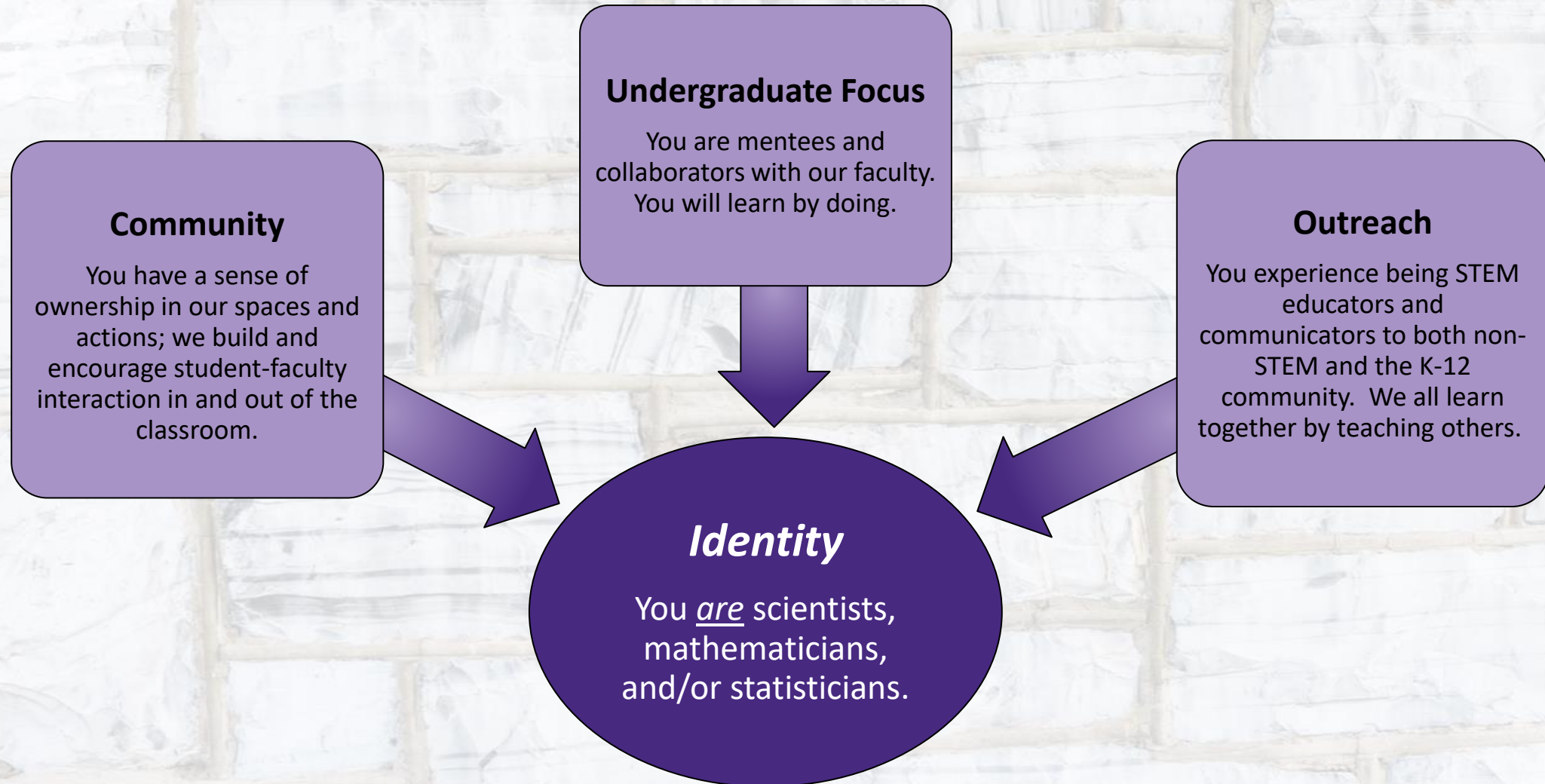
- Concentration in **Data Science** (within Statistics major)
- Minor in **Climate Science**
- Minor in **Computational Analytics**





College of Science  
and Mathematics

# Who Are We?





College of Science  
and Mathematics

# CSM BINGO

College of Science & Mathematics

**C**ommon interest  
or hobby  
as you

Same  
home  
**s**tate

Same **m**ajor  
or  
planned **m**inor



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!**

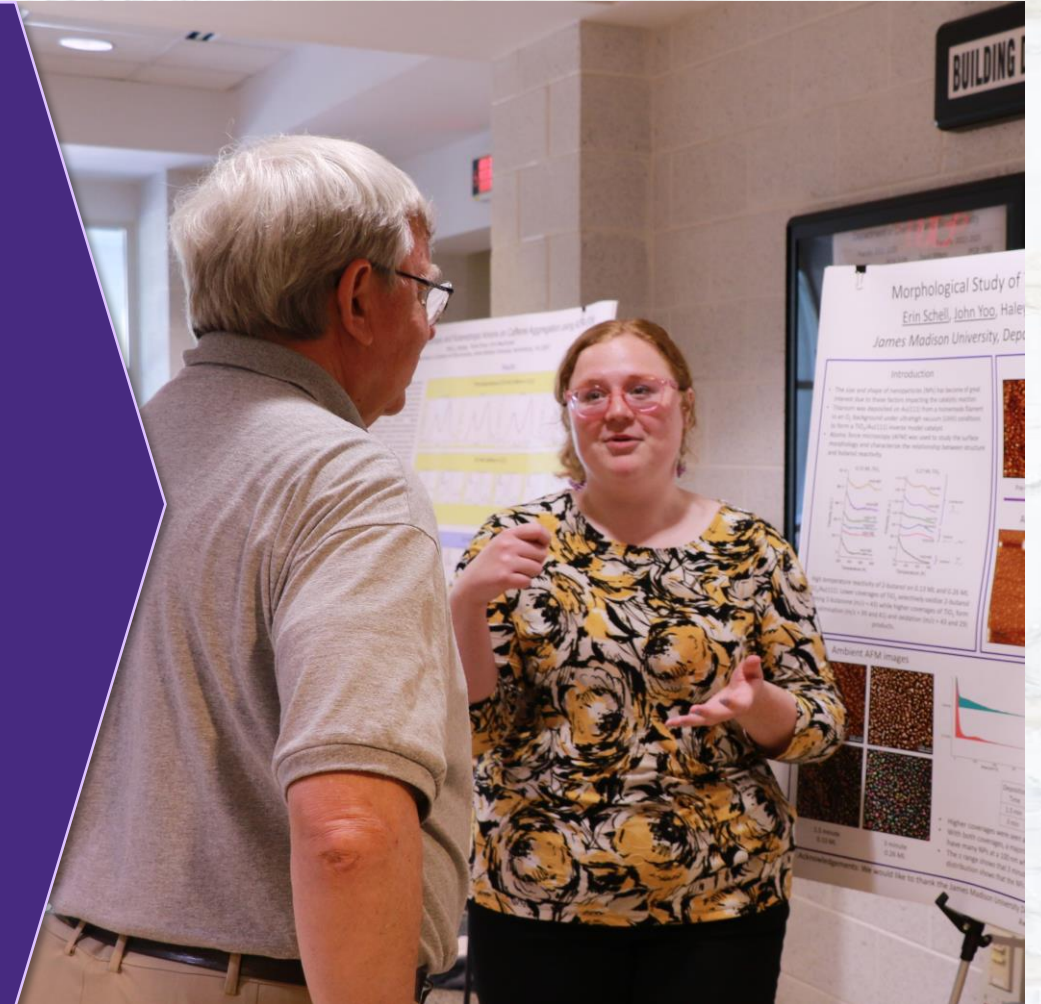




College of Science  
and Mathematics

# Resources

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





College of Science  
and Mathematics

# Helpful Information

- Transfer advisor
- Office hours
- Resources for transition
- Credit cost
  - 12 Vs 19 (same cost)







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

# Contact Us!



[www.jmu.edu/CSM](http://www.jmu.edu/CSM)



@JMUCSM

For contact information by  
major/department:



<https://bit.ly/csmcontact>