



COSM POINTS OF PRIDE

- Dedicated to providing a unique learning experience to COSM and UWG students
- Runs the largest, nationally recognized STEM secondary teacher education program in Georgia (jointly with the College of Education)
- Active in providing externally funded professional development workshops for in-service teachers
- Bachelor of Science in Chemistry program approved by the American Chemical Society
- Bachelor of Science in Computer Science program nationally accredited by ABET
- Master of Science in Applied Computer Science program nationally ranked by U.S. News and World Report
- Outstanding faculty who have received the Board of Regents Teaching Award and National Science Foundation CAREER Award
- Marion Crider Endowed Faculty Chair position in applied mathematics
- Renovation of the Biology building into a state-of-the-art, technology-enhanced learning and research space
- Dedicated to STEM outreach to the West Georgia region:
 - West Georgia Regional Science and Engineering Fair
 - Hackathon
 - Mathematics Day
 - Physics Demo Night
- Serves the STEM professions:
 - Hosts the offices of the National Association of State Boards of Geology
 - Houses the offices of the journal of Southeastern Geology

Biology Points of Pride

- \$22 million remodel and expansion
 - Technology enhanced, active learning auditorium
 - Hybrid classrooms
 - Dedicated student activity spaces
 - Collaborative research labs
 - Aquatic ecology
 - Terrestrial ecology
 - Microbiology
 - Molecular ecology
- Faculty Research Contracts
 - Cotton Growers Associate/Bayer
 - US Forestry Service
- Cooperative Research Agreements
 - U.S. Fish and Wildlife
- Teacher In-Service Grants

Chemistry Points of Pride

- Research/independent study experience for students on all tracks
- Teaching and learning innovations
- Instrumentation access for students
- Faculty productivity
 - 40 papers since 1997
- Over \$5M in external instructional and research grants since 1994

Computer Science Points of Pride

- Academic background coupled with practical industry experience
- B.S. program accredited by Computing Accreditation Commission of ABET
- M.S. program nationally ranked by U.S. News and World Report
- State-of-the-art computing labs
- 100 percent job placement of graduates in IT fields

Geoscience Points of Pride

- Provides hand-on, applied learning in majority of major classes, such as field trips or field studies
- Offers faculty-directed research, allowing students to present results at local, regional, and national conferences
- Hosts Association of State Boards of Geology, which oversees administration of professional licensure for geologist
- Houses peer-reviewed journal, Southeastern Geology

Mathematics Points of Pride

- NSF CAREER awardee, Simons Foundation
- Editorial Boards
 - Journal of Mathematical Science and Mathematics Education
- Fractional Calculus and Applied Analysis
- Integral equations and special functions
- Fractional Differential Calculus
- Acta Mathematica Vietnamica

Physics Points of Pride

- Continuous support of undergraduate research through the Georgia Space Grant Consortium
- Over the last five years, averaged 10 students a year presenting at local, state, and national conferences, including Georgia Academy of Science, AAS, AAPT, and NCUR
- Dedicated to science outreach to the community through solar and night observations, school presentations, and demo nights