



College of Science and Mathematics

State of the College

August 25, 2017

Thinking Critically. Learning Constantly.



Where is COSM today?

My Assessment

- People who care about their work, e.g.,
 - faculty/staff awards
 - workshop model in biology/chemistry/physics
 - grant applications
- But: way behind other colleges at UWG, e.g.,
 - faculty: 111 vs. 175 COAH (SCH same)
 - no formal policies & procedures
 - lack of clear directions (EW)
 - no signature academic program?
 - no major event of our own
- Still: without changes (“continuous improvements”) and new initiatives, we would continue to fall behind and have the other colleges and Provost dictate who we are
- Reality
 - resources are limited



2016-17 Outcomes

- FY18 budget: new faculty/staff in 5 of 6 depts
- Grants: Ben de Mayo (NASA), Andrew Edelman (AL Div Wildlife), Xioafeng Gu (Simon), Abdollah Khodkar (NSF), Martin McPhail (PRF), Greg Payne (Cotton), Nick Sterling (NASA), ITQ's (Joe Hendricks, Shea Rose, Sharmistha)
- Strategic plan
- Increase in external gifts (from \$90k to \$600k)
 - *Example: OFS scholarship*
 - Due to increased visibility and community engagement
- Need more info/stories about
 - Faculty
 - Student
 - Staff



Funds Raised: FY17

Benefiting Unit	Fiscal 2017		
	Goal	FY 2017	FY 2016
COAH	\$ 300,000	\$ 200,938	\$ 244,774
COSM	\$ 125,000	\$ 576,503	\$ 1,091,499
COSS	\$ 125,000	\$ 143,306	\$ 39,744
RCOB	\$ 1,200,000	\$ 1,423,078	\$ 257,453
COE	\$ 450,000	\$ 149,219	\$ 1,204,311
SON	\$ 675,000	\$ 207,132	\$ 411,479
Honors College	\$ 50,000	\$ 19,315	\$ 41,778
Newnan Campus	\$ 250,000	\$ 138,983	\$ 208,718
Library	\$ 75,000	\$ 17,849	\$ 116,436
Athletics	\$ 2,000,000	\$ 1,620,117	\$ 819,944
Restricted Other	\$ 1,500,000	\$ 670,011	\$ 2,421,631
Unrestricted	\$ 750,000	\$ 375,321	\$ 142,083

Thinking Critically. Learning Constantly.



2017-18 Outcomes

- The Great UWG Solar Eclipse
- 31st Midwestern Conference on Combinatorics & Combinatorial Computing (October)
- Georgia Academy of Science (March)

2018-19 Outcomes

- Biology Grand Opening



COSM Vision

“The College of Science and Mathematics **aspires to be nationally recognized** for its STEM programs that **promote student success through high-impact practices**, and to enhance opportunities for faculty scholarship and professional growth.”



Strategic Plan - Goals (2017-20)

1. Support innovative, high-impact pedagogical practices
 - *Professional development funds; REU awards.*
2. Increase RPG
 - *New programs? Newnan. G2C (Shea Rose).*
3. Support and recognize scholarship, research and creative activities
 - *Boyer's model? Expand start-up. Reform FRG.*
4. Improve faculty and staff work-life balance
 - *Increase # faculty/staff; social events. Service award.*
5. Create COSM policies
 - *COSM bylaws: Workload, sabbaticals, ...*
6. Improve COSM infrastructure
 - *Instrumentation support; computer labs; Boyd.*
7. Increase external visibility of COSM
 - *Distinctive academic program(s): UTeach? CS? Community engagement.*



COSM By-Laws?

- Article II. By-laws of Other Faculties of the University (*Policies and Procedures, UWG*)
“The By-Laws of the General Faculty shall apply to the other faculties of the University, except that the presiding officers shall be the deans of the respective colleges, and other officers of the body shall be determined by the faculty members of that body.”
- Article I. By-Laws of the General Faculty
“Regular meetings. The General Faculty shall hold at least one meeting in each academic semester.”
“Quorum... defined in the current version of Roberts Rules of Order.”
“Voting. Only members of the General Faculty may vote.”





- *Statutes, UWG*

“The General Faculty shall consist of those persons holding the academic rank of lecturer, senior lecturer, instructor, assistant professor, associate professor, or professor, ...”

Strategies

- Resources will be targeted at activities in line with COSM and UWG strategic plan.
- Take advantage of UWG growth for FTE/budget increases.
- Increase philanthropic support, community support, institutional grants.
- Value all efforts (teaching, research, service) for tenure, promotion, post-tenure review.
- Ad hoc Policies & Procedures committee.
- Outcomes expected.
- All in this together. Hobby not duty.



COSM Mission Statement

“The College of Science and Mathematics prepares students for successful careers in science, technology, engineering, and mathematics (STEM) and engages all students to become well-informed citizens. The College supports the research and professional development of our faculty, and fosters a student-centered atmosphere of academic excellence. We make a direct and positive impact in the West Georgia region and beyond through STEM workforce development, community engagement, and public outreach.”





Program Costs

Art	\$181.16	Biology	\$78.16	COSM	\$134.64
English	\$149.57	Chemistry	\$134.83	COAH	\$139.79
Foreign Languages	\$138.95	Computer Science	\$240.73	COSS	\$104.29
History	\$87.31	Geosciences	\$148.24	COE	\$174.18
Music	\$186.69	Mathematics	\$92.39	RCOB	\$169.57
Philosophy	\$82.46	Physics	\$113.49	SON	\$380.12
Theatre	\$152.40				

Fall 2016	COAH	COE	COSM	COSS
	175	127	111	99

COSM has been under-resourced!



College of Science and Mathematics

Thinking Critically. Learning Constantly.