

2024 GSoC Advisory Board Update

February 23, 2024

Agenda

- 9:30 a.m. - Informal Meet and Greet
- 10:00 a.m. - GSoC Update
- 11:00 a.m. - NACOE Update
- Noon – Lunch and Student Discussion
- 1:30 p.m. - Student Discussion Feedback
- 2:00 p.m. - Gianforte Hall Update
- 3:30 p.m. - Advisory Board Roundtable
- 4:30 p.m. - End

Gianforte Hall

- Detail Design Complete
- Construction Documents Underway
- Contractor Hired: Swank
- Public Artist Hired: Rob Ley



I. Students and Curriculum



Degree Snapshot

| | Total Students | B.S. and B.A. Degrees | M.S. Degrees | Ph.D. Degrees |
|------------------|----------------|-----------------------|--------------|---------------|
| AY 2022 | 116 | 97 | 16 | 3 |
| AY 2023 | 123 | 108 | 10 | 5 |
| AY 2024 estimate | 125 | 108 | 14 | 3 |

CS Enrollment Snapshot

| | Total Students | B.S. and B.A. Students | M.S. Students | Ph.D. Students |
|---------|----------------|------------------------|---------------|----------------|
| AY 2022 | 553 | 509 | 20 | 24 |
| AY 2023 | 568 | 527 | 20 | 21 |
| AY 2024 | 577 | 526 | 33 | 18 |

MS / Minor Declarations

| | AY 2020 | AY 2021 | AY 2022 | AY 2023 | AY 2024 |
|-------------------|---------|---------|---------|---------|---------|
| CS Minor | 17 | 17 | 17 | 21 | 15 |
| Data Sci Minor | 23 | 26 | 17 | 39 | 10 |
| Data Sci MS | 4 | 5 | 5 | 12 | 17 |
| Cyber MS | | | | 5 | 5 |

Data Science B.S.

- The degree will launch in Fall 2024.
- The degree is an interdisciplinary effort that requires courses from CS, Statistics, Math, Business, the MSU Library and English.
- [Proposed curriculum.](#)

II. Personnel and Research



New Faculty Member

- Matthew Revelle, Fall 2023
- Ph.D. George Mason University, 2018
- Interests: Cyber security, machine learning, binary analysis, program analysis



New Faculty Member

- Fangtian Zhong, Fall 2023
- Ph.D. George Mason University, 2021
- Interests: Software Security, Program Analysis, Machine Learning for Cybersecurity



Faculty Search

- 1 Hambly Professor
 - 3 interviews scheduled
- 2 Assistant Professors
 - 5 interviews scheduled
- 1 NTT Instructor
 - 2 interviews scheduled
 - Mary Ann Cummings will retire after 2024

Professional Development Support

- Fall 2023: Grace Hopper Conference
 - 8 students to Orlando
- Fall 2023: oSTEM Conference
 - 12 students to Anaheim (4 CS majors)
- Summer 2023: Study Abroad Course
 - 11 students to Berlin
 - 10 Free University of Berlin students
 - Game Creation with Godot Engine

Research Snapshot

| Fiscal Year | Expenditures |
|-------------|--------------|
| 2021 | \$1616K |
| 2022 | \$2222K |
| 2023 | \$2266K |

Faculty Recognition

- Mary Ann Cummings
 - 2023 Anna K. Fridley Distinguished Teaching
- Clem Izurieta
 - 2023 Provost's Distinguished Lecture
- John Paxton
 - 2023 oSTEM Advisor of the Year Award

Faculty Recognition



III. Industry Support



Scholarships

FIGURE



Industry Affiliates Program

