



MISSISSIPPI STATE UNIVERSITY™

JAMES WORTH

BAGLEY
COLLEGE OF ENGINEERING

Strategy for State of Excellence, 2019-2025



bagley.msstate.edu

VISION

The **Bagley College of Engineering** at Mississippi State University will be the premier engineering undergraduate program in the Southeastern Conference, while providing a nationally competitive student-centered graduate program of the highest quality. We accomplish this vision through the ABC's of

Atracting top students, faculty, and staff;

Being externally visible; and

Creating a supportive working / learning environment.



MISSION

The mission of the **Bagley College of Engineering** at Mississippi State University is to provide programs of excellence in engineering education, research, and outreach and to address the current and emerging needs of those it serves—students, faculty and staff; the engineering profession; private sector business and industry; state and federal governmental entities; alumni; and society. In carrying out its mission, the College will address the issue of diversity and underrepresented groups in the field of engineering.



GOALS

MISSISSIPPI STATE UNIVERSITY'S STRATEGIC GOALS AND THE ROLE OF THE **BAGLEY COLLEGE OF ENGINEERING** IN ATTAINING THEM

FOSTER TEACHING & LEARNING

- **Priority:** Leverage the hands-on, industrially-focused curriculum to attract and retain high quality students to MSU.
- **Priority:** Deliver a first-year living-learning experience, student mentoring and professional development opportunities, and experiential learning to improve student success and retention.
- **Priority:** Seek corporate and individual support to improve departmental laboratory experiences.
- **Priority:** Offer high-quality, affordable, and relevant graduate degrees by distance.



PROMOTE RESEARCH & CREATIVITY

- **Priority:** Hire faculty on tenure-track or with tenure who support the strategic areas of addressing disparity, bringing autonomy to the mainstream, securing our future, and leading in the 21st century economy, and expand external funding for research in these areas.
- **Priority:** Strengthen interdisciplinary partnerships with affiliated research centers and establish new partnerships that leverage faculty strengths and lead to successful extramural funding.
- **Priority:** Utilize accelerated degree programs and support a student research culture to increase enrollment in on-campus and distance Master of Engineering, Master of Science, and Doctor of Philosophy degrees.



EXPAND OUTREACH & COMMUNITY ENGAGEMENT

- **Priority:** Inspire Mississippi's children to pursue engineering and computer science careers.
- **Priority:** Continue to support faculty, staff, and student external service to their local and professional communities.
- **Priority:** Utilize faculty research expertise to support engineering and computer science related economic development.



ENCOURAGE GLOBALIZATION

- **Priority:** In coordination with the International Institute, form partnerships to recruit high-quality students into undergraduate and graduate programs.
- **Priority:** Encourage and support semester-long and faculty-led summer study abroad programs.
- **Priority:** Expand our international education footprint.

ENHANCE INSTITUTIONAL CULTURE & ENVIRONMENT

- **Priority:** Recruit and maintain an inclusive and supportive community, including underrepresented populations, at all levels.
- **Priority:** Maintain an effective bridge and mentoring program for diversity and support professional development opportunities for diverse student organizations.
- **Priority:** Seek private and corporate support of academic programs, faculty, scholarships, and professional development programs.





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Find the Bagley College on



@msuengineering



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