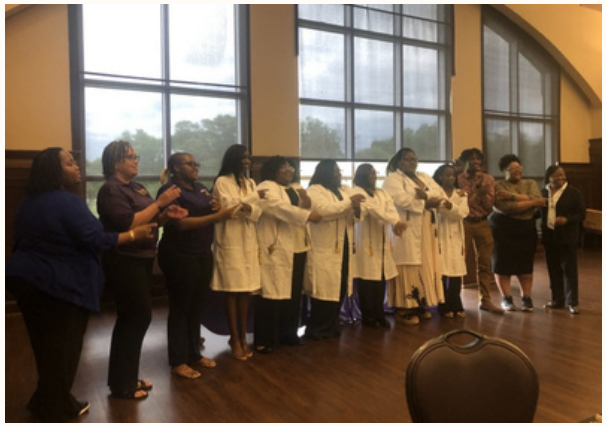
Celebrating Our Graduates



From classroom, discovery, to scientific leadership

Explore Our Beautiful Campus!



Explore Our Programs

Take our survey!

DEPARTMENT OF CHEMISTRY AND PHYSICS

Why Choose Us?

ACS-Approved program
Rigorous, high-quality education that meets national standards.

Three B.Sc. Degree Programs
Choose the path that fits your passion and career goals.

Scholarships & support
STEM Scholarships, Research Stipends, Financial aid, mentoring, tutoring , Study abroad and career preparation

Hands-on research
Work with faculty on cutting-edge research and real-world projects

Modern instrumentation
Gain experience with modern laboratory equipment

Faculty mentoring
Personalized guidance for your success

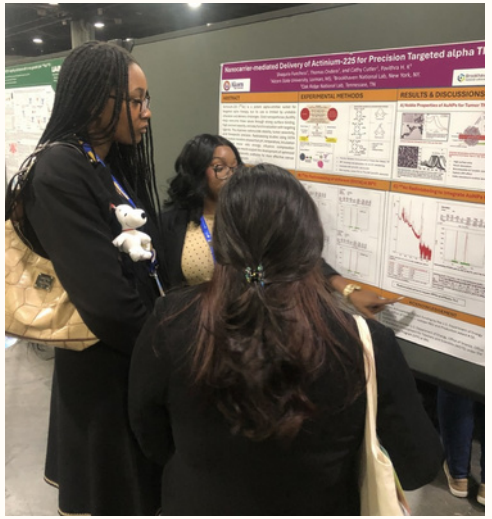
Student organizations
Build your network and get involved

Your pathway to STEM excellence & leadership begins here at Alcorn

Alcorn State University



Undergraduate Research



Work alongside faculty on research that develops scientific, analytical, communication, and problem-solving skills

OUR MISSION

To provide a rigorous, inclusive, and hands-on education in chemical sciences, prepare students for impactful STEM careers, graduate study, and scientific leadership; and engage students in research connecting fundamental sciences to real-world challenges. We promote safety, ethics, professionalism while helping students build strong scientific communication skills, critical thinking, chemical information literacy, and the ability to collaborate effectively in diverse scientific settings.

CAREER PATHWAYS

Medicine • Dentistry • Pharmacy • Optometry • Graduate School• Forensics and crime Labs • Chemical Industry •Chemical Engineering • Cosmetics • Food & Beverage • Academia • Environmental Science • Materials & Nanotechnology • Energy & Nuclear Science • Government Agencies

UNDERGRADUATE RESEARCH

Students engage in cutting-edge research with faculty, gaining real scientific skill and presenting breakthroughs in ACS, NOBCChE, MAS, and INBRE.

Alcorn State University

SCHOLARSHIPS & SUPPORT

STEM scholarships • Research stipends • Travel funding • Mentoring • Career advising • Peer tutoring • Study abroad • Graduate prep workshops • Study groups

STUDENT ORGANIZATIONS

Student organizations—including the ACS Chapter, KHEM Klub, NOBCChE, and Alpha Chi Sigma—provide mentorship, networking, outreach, and conference opportunities that build confidence and professional identity.

CONFERENCE LEADERSHIP



DEPARTMENT OF CHEMISTRY AND PHYSICS

ANALYTICAL INSTRUMENTATION

NMR • FTIR • Raman • UV-Vis & Fluorescence • DLS • Laser/Optical Spectroscopy • GC-MS • iTLC Bioscan • Computational Chemistry Suite • Student–Faculty Research Labs

Faculty and Staff

Name	Specialty
Dr.. Thomas Ondera	Organic, & Interim Chair
Dr. Precious Cooper	Biochemistry
Ms. Sonia Eley	General Chemistry
Dr. Shawnta Chatman	Physical Chemistry
Dr. Sandra Barnes	Biochemistry & Analytical
Dr. Firoz Khan	Environmental & Inorganic
Dr. Anant Singh	Physics
Dr. Rayhan Hossain	Physical Chemistry
Ms. Kendra Ellis	Administrative Assistant

Contact us at...

Department of Chemistry and Physics

1000 ASU Drive 780
Lorman, MS 39096
Phone:
601-877-6436

E-mail:
tondera@alcorn.edu
Dr. Thomas Ondera, PhD
Interim Chair