

RUST COLLEGE STEM

REAL-WORLD PARTNERS, PROGRAMS & PATHWAYS ECOSYSTEM

A snapshot of the national, global, and industry-facing opportunities Rust College STEM students have engaged in to date.



Industry & Corporate Partners

15+ Internships, workforce pipelines, professional training

- **Meta** (MetaU Engineering Internship)
- **Microsoft** (New Technologist Internship)
- **Bloomberg** (Discover Bloomberg HBCU Program)
- **Google** (Google Developer Student Club – Founding Chapter)
- **Snapchat Inc.**
- **OTtera**
- **Zeus Network**
- **Johnson & Johnson Innovative Medicine** (Oncology Clinical Scientist Internship)
- **ElSohly Laboratories**
- **NIIMBL** (National Institute for Innovation in Manufacturing Biopharmaceuticals)
- **Valero Energy**



Universities, Labs & Research Institutions

10+ Research, summer programs, scientific training

- **Rust College** (Summer Research Initiative)
- **UCLA Brain Research Institute** (Neuroscience Pathways Program)
- **UC Davis** (Neuroscience Initiative to Enhance Diversity – NIED)
- **Tufts University** (VERSE Program)
- **Fermilab**
- **University of Mississippi Medical Center** (Discovery U SURE Program)
- **University of Mississippi** (McNair Program)
- **University of Houston** (NIIMBL eXperience)
- **University of Memphis** (Data Science & Sustainability Research)
- **ACPHS** (NIIMBL eXperience – New York)



National Programs, Fellowships & Policy Initiatives

10+ Leadership, policy, and elite scholar pipelines

- **White House HBCU Scholars Program**
- **Ronald E. McNair Scholars Program**
- **Milken Institute HBCU Fellowship**
- **MLT Career Prep Fellowship**
- **National Retail Federation** (Ray Greenly Scholarship)
- **UNCF Tech-Entrepreneurship Summit**
- **National HBCU Week Conference**
- **HBCU North America Summit**
- **Rockefeller University Summer Research Program**
- **National Institute for Innovation in Manufacturing Biopharmaceuticals** (NIIMBL)



Hackathons, Innovation & Applied Learning

6+ Problem-solving, entrepreneurship, applied STEM

- **Rust College Research Symposium**
- **BE Smart Hackathon**
- **PIT-UN Tech for Change Hackathon** (New America)
- **JP Morgan & Chase** (Data for Good Hackathon)
- **HP Future Tech Competition**
- **W.U.R.M. Global Online Mathematics Workshop** (Japan, Australia, Germany, UK, USA)



Rust College-Led Initiatives & First-Ever Milestones

8+ Programs built at Rust, by Rust

- **Rust College STEM** (Program acknowledged by a sitting US President for STEM initiatives)
- **Rust College AgriTech Program** (Inaugural Cohort)
- **Rust College Nissan Science Scholarship** (First recipients)
- **Science, Law, and Technology Travel Award** (First recipient)
- **Several Founding Presidents of STEM Student Organizations**
- **First African American Female Rotary District Representative from Rust College**
- **First Rust College MetaU Engineering Intern**
- **First Rust College Microsoft New Technologist Intern**



Honors, Awards & Recognition

15+ Major Honors Earned

- **White House HBCU Scholars**
- **Huntington Ingalls Industries Scholarship Award**
- **E.A. Smith Honors Program Scholars**
- **STEM Leadership in Action Award** (Rust College)
- **Valedictorian(s)** – Rust College
- **FINTECH Promise Scholarship**
- **Christopher & Aronda Walker Scholarship**
- **Miss Rust College**
- **National Retail Federation Scholarship**
- **Rotary District Recognition**
- **Institutional and national research awards**