



What College Student Educators Can Do to Ensure Academic Success for Students of Color in STEM Fields

6

Nurture student's confidence, self-efficacy in STEM via verbal persuasion (e.g., "you can do it"), role modeling, mastery experiences, and rewriting negative scripts (e.g., "failure gives way to victory").



7

Assume institutional responsibility for student success in STEM by devoting resources to high-quality teaching, learning communities, metamajors and structured pathways to degree completion.

4

Apply theory to practice via STEM clubs, internships, co-ops, lab experiments, hands-on activities, and research.

5

Develop core academic skills deemed necessary for STEM success such as time management, study habits, notetaking, problem-solving, and teamwork.

1

Money

Offer financial support for school-related expenses including room/board, tuition, books, technology, living expenses and other unmet needs. Recommend grants, scholarships, work-study, and loans.

2

Monitor

Implement new or revise existing data systems to monitor academic progress, credit accrual, intrusive advising, and early warning for academic difficulty. Remember monitoring is not surveillance.

3

Mentor

Connect STEM students to mentors, including faculty, professionals, and peers, as they progress through majors. Mentoring should be intrusive, exposing students to new networks and different experiences.