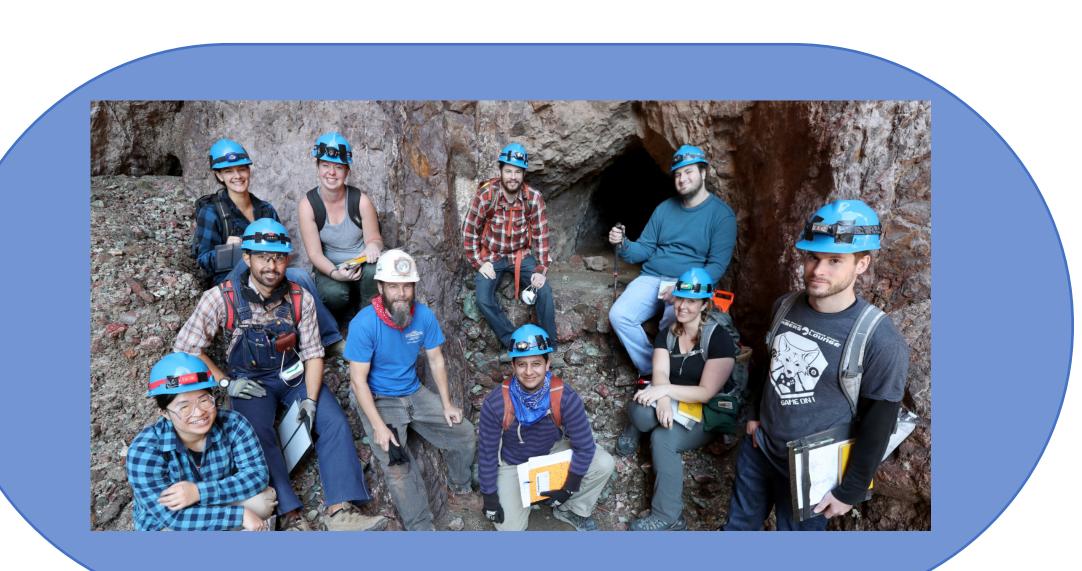


College of Natural Sciences

A Multi-Pronged Approach for Student Success in STEM

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Student Advising

Student Support Services

- Increase Degree Attainment Among **Hispanic and Low-Income Students**
- Science Success Center & STEMGym
- Enhanced/Proactive Counseling
- MBTI and Strong Interest Inventory
- Undergraduate Research
- Membership in Professional Societies
- Individual Development Plans (IDPs)

- Holistic Student Support
- Hispanic Role Models & Mentors
- Summer Research
- Alternative BS Degrees
- Retention & Achievement for English

Learners

- Partnerships with STEM Industries
- Learning Objectives and Skills Aligned
- Mental Health & Career Counseling
- Stress/Time/Financial Management

with Employment & Internships

Science Buddies

STEM Pedagogy Improvement

Community College Articulation

- Faculty Learning Communities (FLC)
- Chairs Learning Community
- Facilitators Learning Community
- **Culturally Responsive Teaching FLC**
- Community College/CSUSB FLC
- Redesign of Gateway Courses

- Articulation Agreements with **Community Colleges**
- Tailored 4-Year Transfer Roadmaps
- Summer Bridge Orientation Programs
- Scholarships for Low-Income and High
- Inclusive Participation in Al Education
- Flexible Pathways for Data Science

Education

- Culture/Infrastructure to Support ELs
- Increased Use of Learning Assistants

Potential Transfer Students

Upper-Division Multiple Designation

Electives

 Connections with Feeder Community Colleges

Transfer Student Success Center