



Background

United in STEMM (UiS) provides equitable access to meaningful STEMM focused academic and career development opportunities that are inclusive, rigorous, and culturally relevant and that structurally engage students with supportive faculty and staff. This program responds directly to the Institution's opportunity gap closing student success goals.

Programs include:

- **STEMM Meet-Up:** provides opportunity to connect and reconnect with new and returning STEMM students and staff
- **STEMMING from Color:** a networking and reception event hosted in the Spring to connect students of color with alumni and professionals of color in STEMM related fields, in partnership with The Career Center and the Alumni Association.
- **Launch into United in STEMM:** provides newly admitted students of color with STEMM interests the opportunity to engage with successful professionals and alumni of color, corporations, and associations in STEMM fields, and gain valuable undergraduate lab and research experience.
- **STEMM Connections:** includes opportunities such as attending panels/speakers, tours, and training lab.
- **Innovation Experience:** engaging diverse undergraduate students, faculty, and graduate students in open collaboration for the purpose of creating, elaborating, and prototyping innovative radical solutions to existing challenges.

Learning Objectives

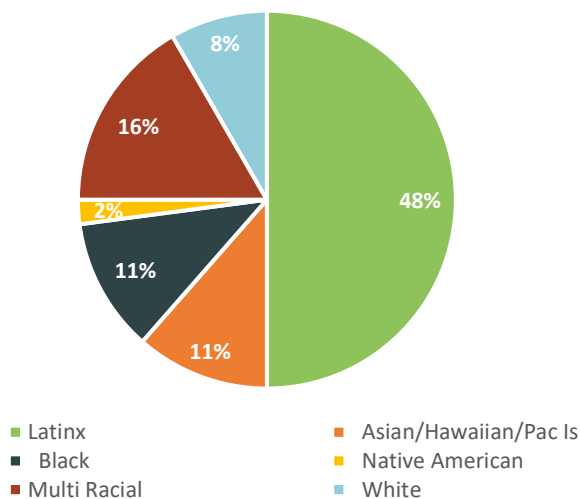
- Create community amongst students of color in STEMM disciplines across academic colleges.
- Foster a network of support between faculty and staff and students of color in STEMM disciplines.
- Provide academic, career, and networking opportunities for students of color in STEMM disciplines.
- Build a network of support for students of color from alumni and professionals of color in STEMM disciplines.

Student Demographics, 2015 - 2022

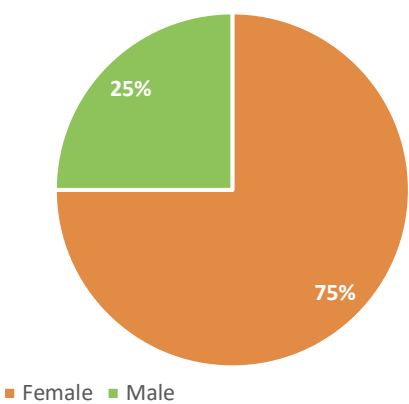
From 2015-2022, 88% of UiS students were racially minoritized, 44% of student were Pell recipients, 44% were first generation students, and 25% were first generation and Pell recipients¹. Students in the UiS program are more racially, ethnically, and economically diverse than the at large student body (70% White, 14% Hispanic or Latino, 4% two or more races, 3% Asian, 2% Black or African American, 0.5% American Indian or Alaska Native, and 0.1% Native Hawaiian or Other Pacific Islanders).

¹ All demographic data reported was obtained from the Office of Institutional Research, Planning & Effectiveness.

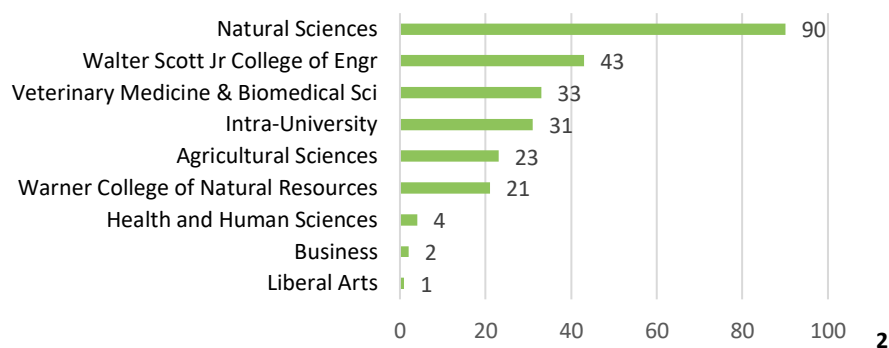
Race and Ethnicity, 2015 - 2022



Gender, 2015 - 2022



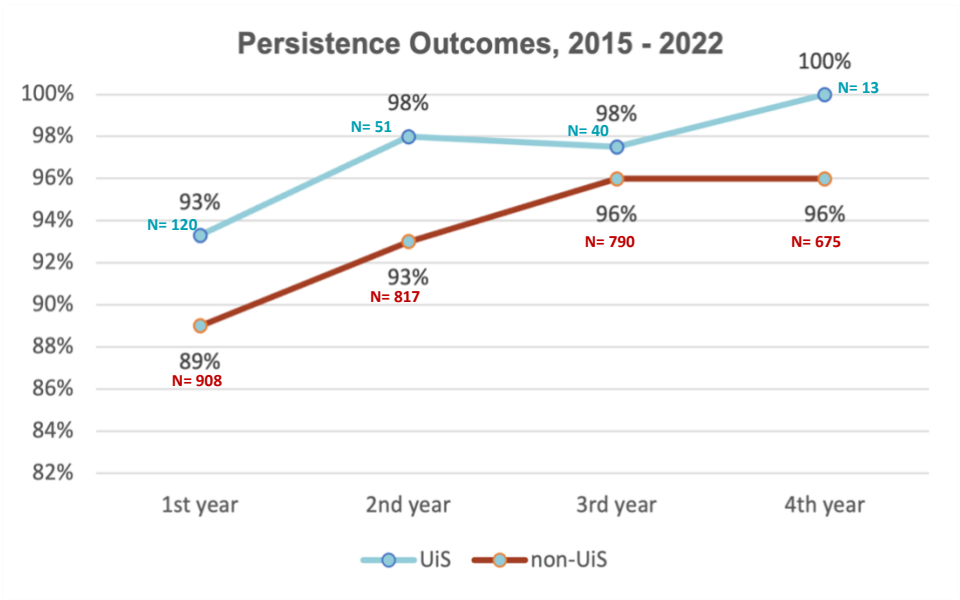
Participation in UiS by College, 2015 - 2022



Persistence Outcomes

UiS participants³ have higher persistence rates at CSU⁴ when compared to non-participant counterparts⁵.

Persistence rates are shown for the subsequent fall for students in the first-time, full-time FA15 to FA21 cohorts by the year in which they participated in UiS. For example, if a student participated in UiS during their first year at CSU, persistence to their second fall is reported year at CSU.



² Number of participants by college is based on their primary major. Double majors or minors are not illustrated here.

³ Participants in UiS are counted in each year they participated. Headcounts are not unique.

⁴ Persistence rates by college and department are available upon request.

⁵ Non-UiS peers include students who were racially minoritized, did not participate in any UiS activity at any time, and were STEM majors.

Program Outcomes

Students engaged in UiS have identified numerous benefits of participation, including:

- Building connections and community
- Exposing students to new skillsets, such as laboratory research methods in the training lab
- Access to new opportunities
- Networking
- Increased confidence



"I believe United in STEMM will greatly impact my career at CSU because this was an opportunity that I otherwise wouldn't have seen. I have been able to network and get to know staff and students that are beneficial to my experience here at CSU."

"United in STEMM has opened up many opportunities to me. I have the ability to say that I have worked in a lab setting with peers, and have basic lab skills. I am hoping that this will continue throughout my time at CSU with UiS."

"Through this program I have begun to develop my thesis for my degree! Additionally, I have made numerous connections and have realized that I can be a researcher."

"Everyone is amazing and such warm welcoming people. I felt alone until I was asked to be part of UiS."

Thank You to Our Institutional Partners!

College of Agricultural Sciences; College of Veterinary Medicine and Biomedical Sciences; College of Natural Sciences; Walter Scott, Jr. College of Engineering; Warner College of Natural Resources; College of Health and Human Sciences; Division of Academic Affairs; Division of External Relations; Academic Advancement Center; Alumni Association; Corporate Relations; The Career Center; Office of Undergraduate Research Artistry, Institutional Research, Planning, and Effectiveness; Student Athlete Support Services; Student Diversity Programs and Services; Powerhouse Energy Institute; OneHealth; American Indian Science and Engineering Society; Minorities in Agriculture, Natural Resources, and Related Sciences; National Society of Black Engineers; Out in Science, Technology, Engineering, and Mathematics; Society for the Advancement of Chicanos and Native Americans in Science; Society of Asian Scientists and Engineers; and Society of Hispanic Professional Engineers.

Thank You to Our Growing External Partners!

Department of Agriculture; HP; Nutrien; Olsson; SummitStone; Woodward, Inc; OtterBox, Intel; HPE; Otak.

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