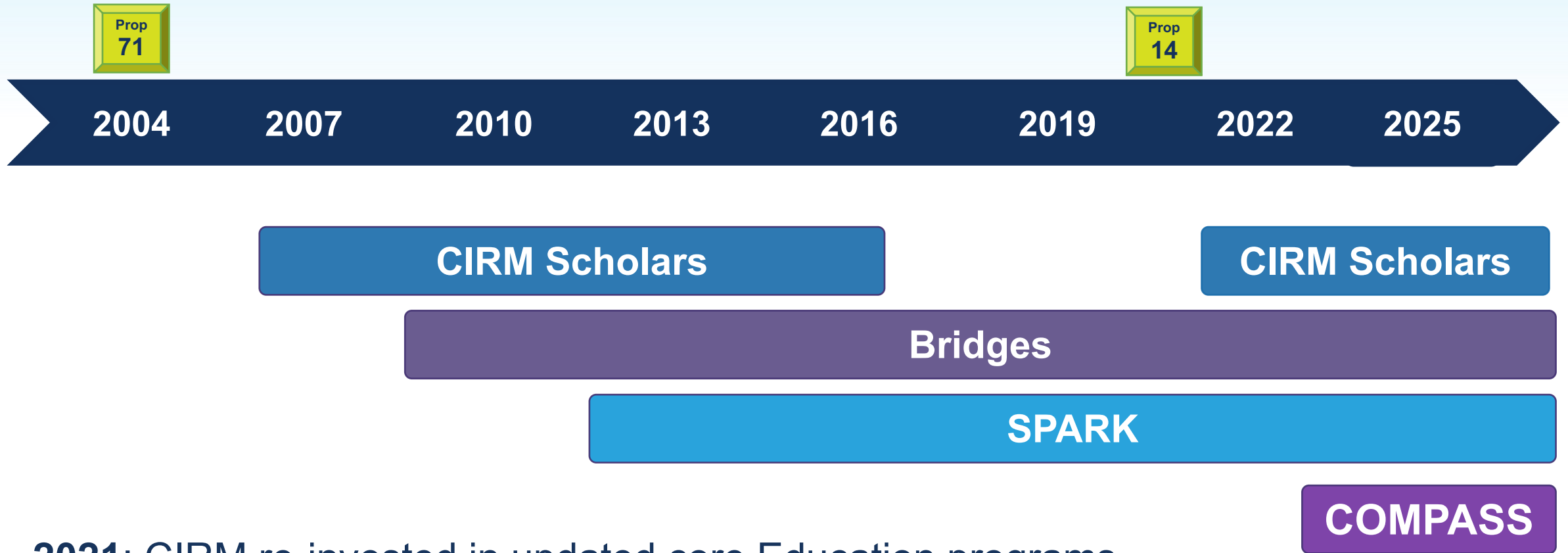


CIRM COMPASS Program First Year Overview

Kelly A. Shepard, PhD
March 28, 2024





- **2021:** CIRM re-invested in updated core Education programs
- **Late 2022:** CIRM launched COMPASS, a new core Education program that complements and extends our investments in a diverse regenerative medicine workforce for California and the world

COMPASS | Creating Opportunities through Mentorship and Partnership Across Stem Cell Science

OBJECTIVE

Prepare **diverse undergraduate students** for careers in regenerative medicine through the creation of novel recruitment and support mechanisms that **identify and foster untapped talent**

STRUCTURE

Integrated within a Bachelor's degree program at colleges or universities with access to regenerative medicine-related laboratories; programs **create and sustain a supportive and inclusive** training environment



UNDERGRADUATE

Outreach and Recruitment

Innovative Strategies

Adaptive Outreach

DEI Plan

Trainee Experience

2-3 years support

Foundational Courses

Research Internships

Strategic Mentoring

Mentorship Program

Mentor Training

Cohort Activities

Shared Practices

DEI Sensitivity





- UC Berkeley
- SFSU
- Solano Community College
- UC Davis
- UC Merced
- Cal Poly SLO
- UC Santa Barbara
- CSU Northridge
- UCLA
- USC
- CSU Fullerton
- CSU San Bernardino
- UC Riverside
- UC Irvine
- CSU San Marcos
- MiraCosta Community College

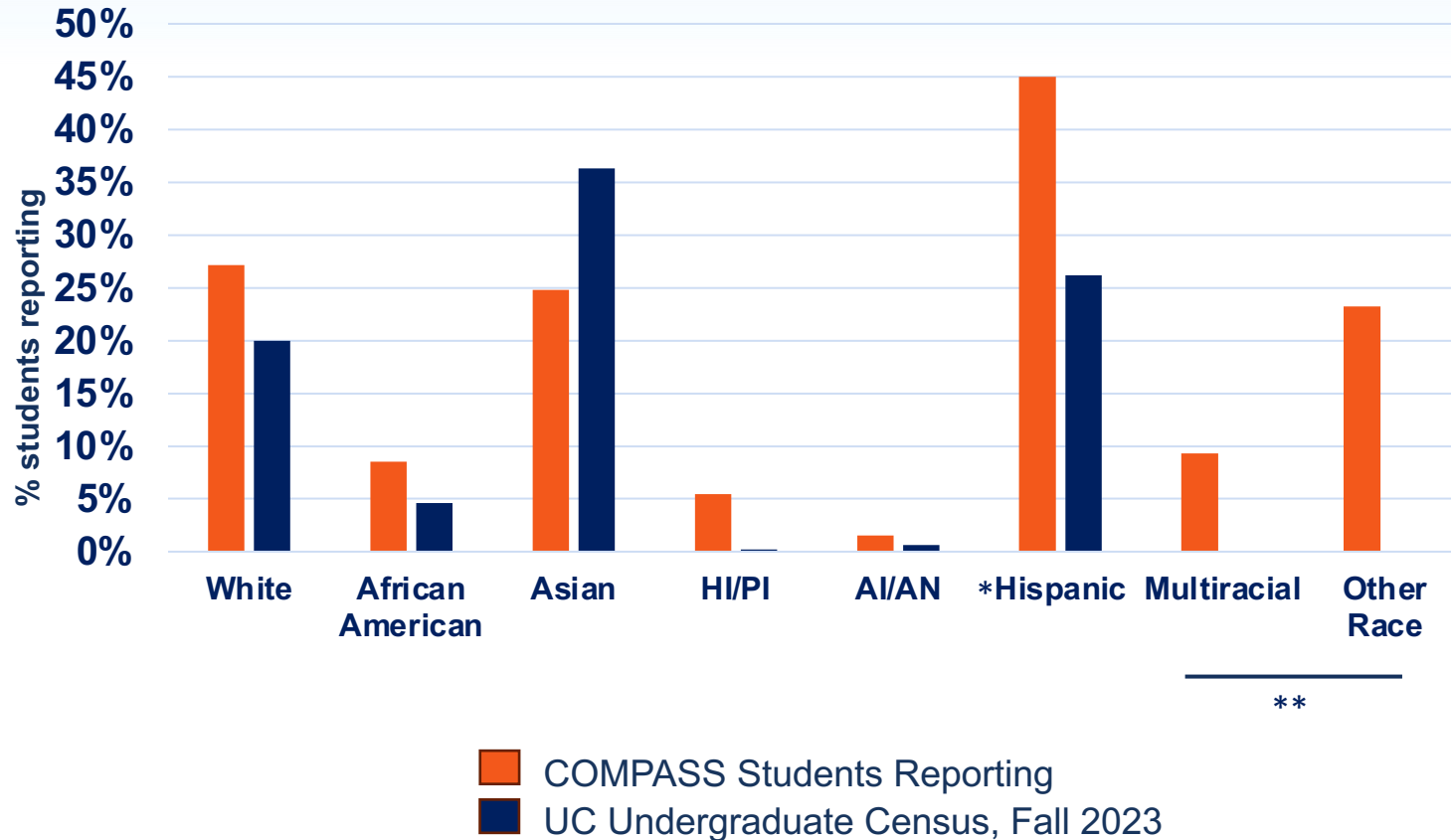


Demario Gake
COMPASS Trainee
Year 1 Cohort
Solano Community College

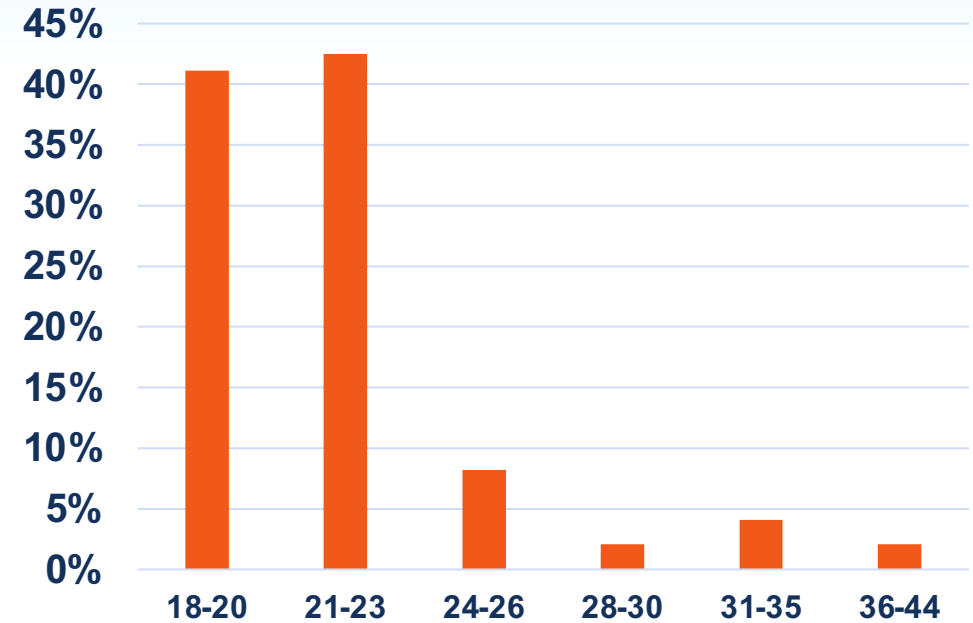
- 116 COMPASS Scholars appointed in First Year (2023)
- 161 total COMPASS Scholars as of March 2024 (Q1 of Year 2)
- 54% are first generation college students*
- Ages range from 18 to 44 years
- 60% identify as female

* Of those who reported

Race and Ethnicity



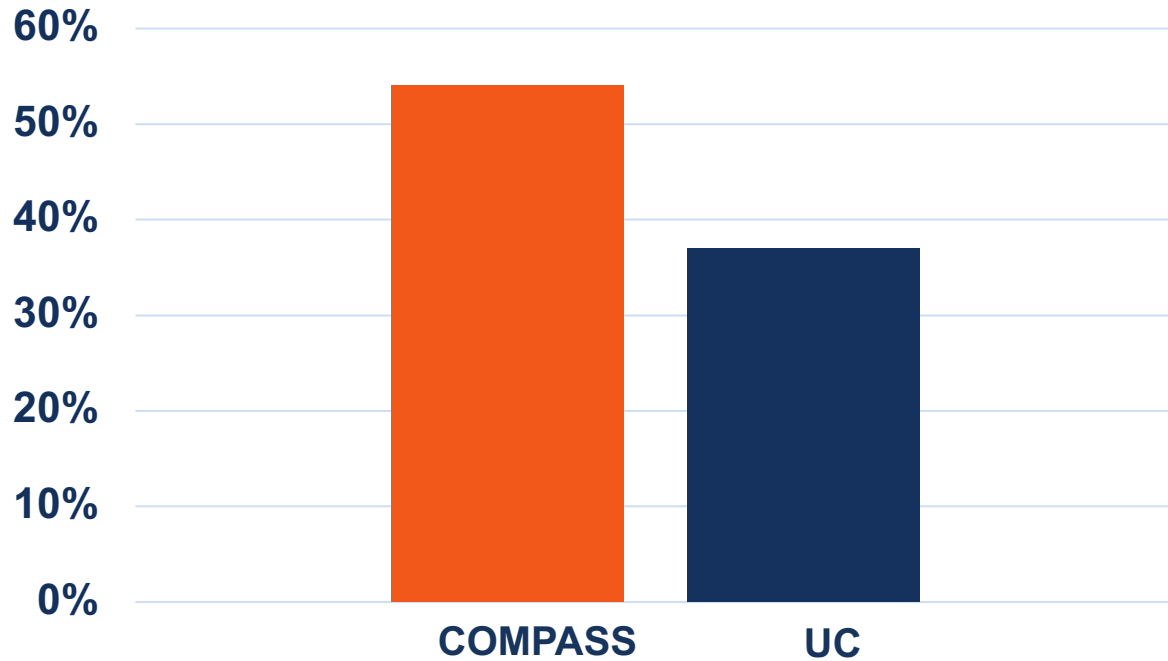
Age at Appointment



* Ethnicity may overlap other racial categories; N =135 race, 131 ethnicity

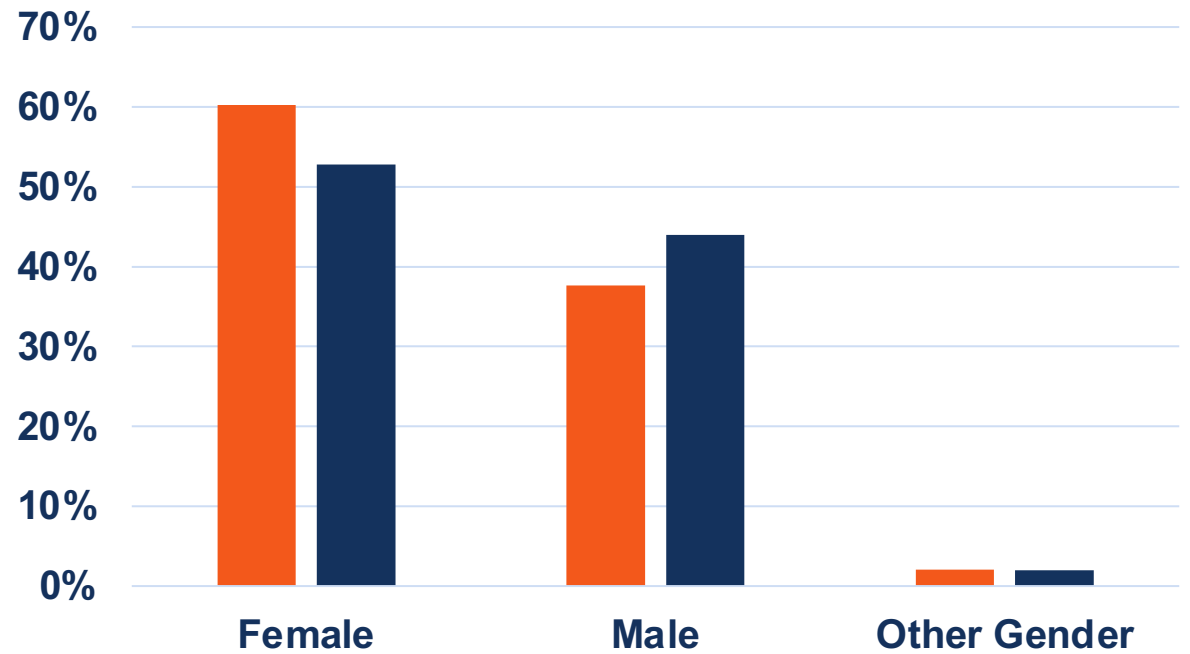
** not reported in UC 2023 data

First Generation College



N=134 reported (92%), N=12 unreported

Gender Identity



N=146 (100%) reported

■ COMPASS Students Reporting
■ UC Undergraduate Census, Fall 2023

Patient and Community Engagement, Networking Activities



CSU San Bernardino
COMPASS and Bridges
Students attending the 2023
Inland Empire Consortium
Stem Cell Symposium

Photo credit: Dr. Nicole Bournias-Vardiabasis



Demario Gake donating
cells for tissue typing at the
Be-The-Match event,
organized by COMPASS
students

Photo credit: Dr. Jim Dekloe



Solano College students
with mentor, Bridges alum
Michael Silva, visiting
Muzzetta Thrower Adult
Education Center

Photo credit: Dr. Jim Dekloe

Summary: CIRM's **Current** Training Programs: Past, Present, Future



SPARK
748 trained
(11 summers)
+ 345 by 2026

Bridges
2014 trained/training
(14 years)
+ 450 by 2026

Scholars
1204 trained/training
(11 years)
+ 300 by 2026

COMPASS
161 training
(1.2 years)
+ 300 by 2027

Sneak Preview: Outreach Video

