



Student Mentoring for Academic Success

Susan E. Ebeler

Associate Dean, Undergraduate Academic Programs

Professor, Viticulture and Enology



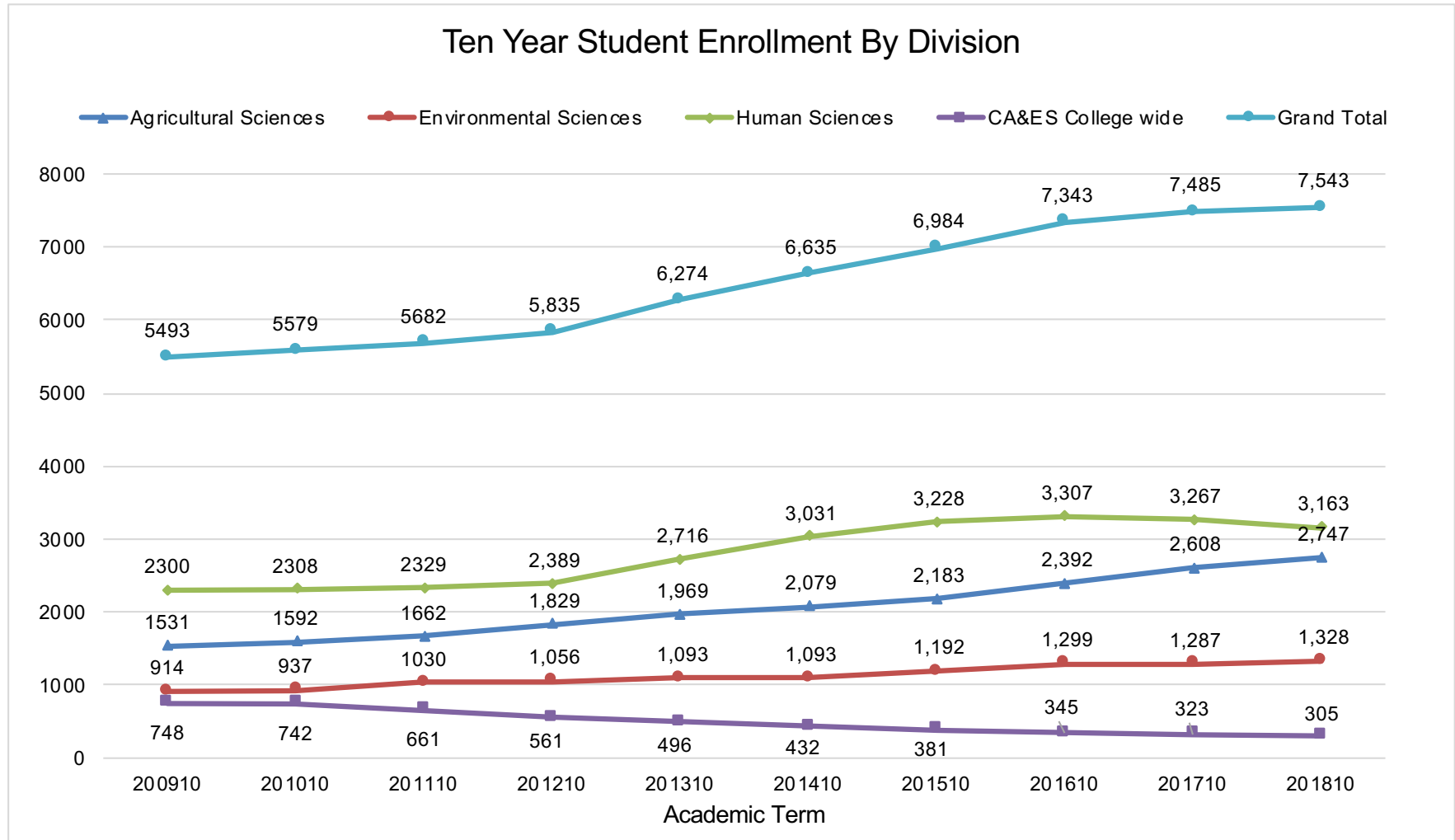
About UC Davis and CA&ES

2018 Enrollment

Campus: 30,718 undergraduates

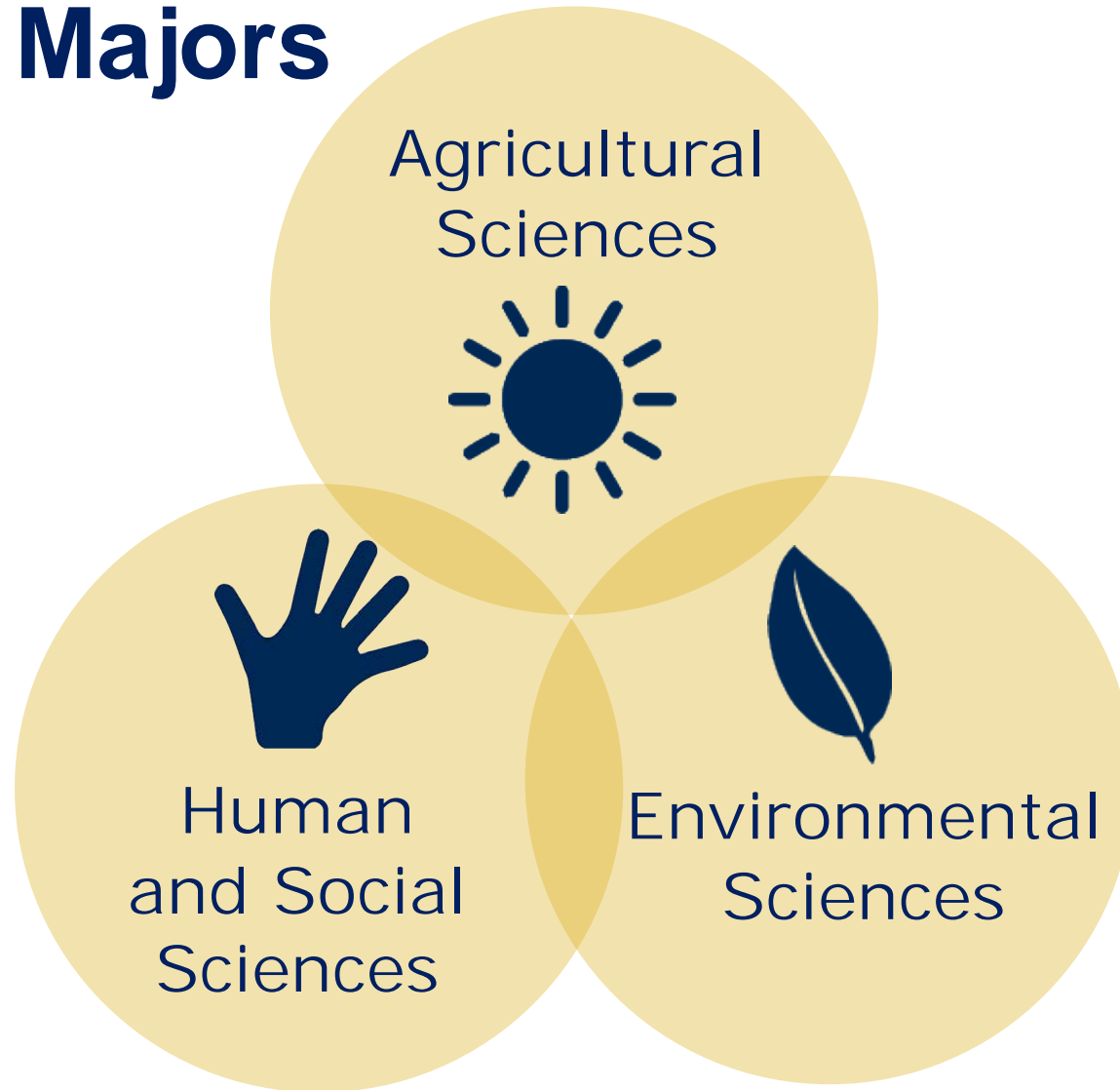
CA&ES: 7,543 undergraduates (~25% of total)

CA&ES Ten Year Student Enrollment



All data reflective of October 2018 Census

CA&ES Majors



https://caes.ucdavis.edu/sites/g/files/dgvnsk1721/files/inline-files/CA%26ES%20Majors_2019.pdf

2018 Demographics

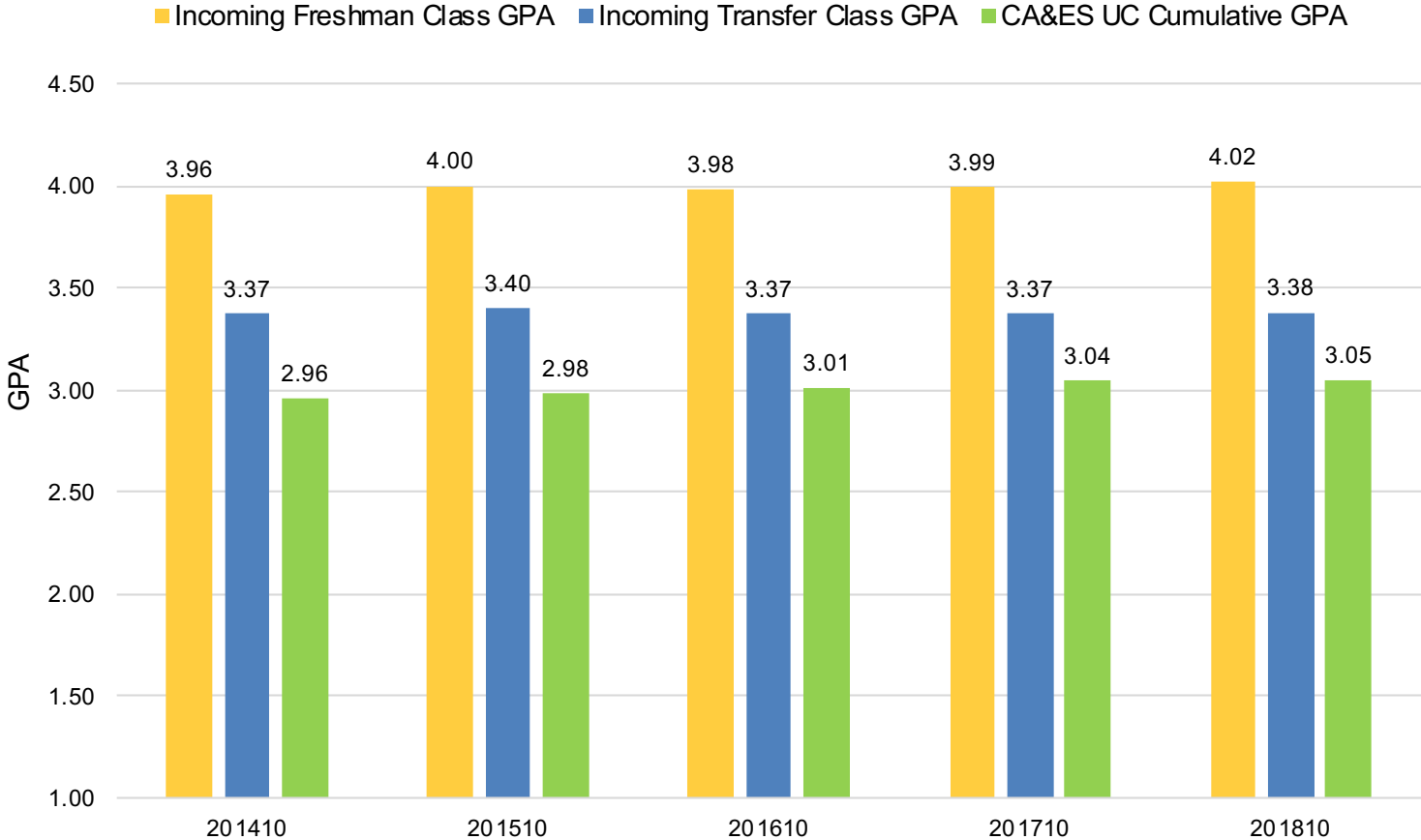
	CA&ES	Campus
Freshman	60%	67%
Transfer	40%	32%
CA Resident	84%	82%
International	12%	15%
National	4.6%	3%
Male	31%	39%
Female	69%	61%
First Generation	47%	43%
URM (African American, American Indian, Chicanx/Latinx)	31%	26%

All data reflective of October 2018 Census

Defining Student Success

Grade Point Averages for Incoming and Current CA&ES Students 2014 - 2017

CA&ES Student GPA 2014 - 2018



Defining Student Success

1 Year Persistence

Percentage of students enrolled after 1 year
(2016 Cohort)

CA&ES: 89.8%

Campus: 90.7%

Time To Degree

Average number of quarters to complete
(2015 Cohort)

	CA&ES	Campus
Freshmen	12.3 Quarters	12.3 Quarters
Transfer	7.1 Quarters	6.7 Quarters

Graduation Rates

	Period	CA&ES	Campus	
Freshmen	4 Year	63.2%	63.1%	2013 Cohort
	6 Year	86.7%	85.2%	2011 Cohort
Transfer	2 Year	48.5%	55.3%	2015 Cohort
	4 Year	90.0%	87.8%	2013 Cohort

Defining Student Success

Belonging

How much do you expect you will fit in at UC Davis when you arrive on campus in the fall?

$\bar{X} = 2.91$ (1 = not at all; 5 = an extreme amount)

Engagement

How many times do you plan to attend office hours this quarter?

≥ 3 times 60% of students

How many times did you attend office hours this quarter?

≥ 3 times 6% of students

Defining Student Success

Closing the Achievement Gap

Supporting Student Success

Holistic Advising in CA&ES



Wilcox, 2016, NACADA, An end to checklist thinking: Learning-Centered Advising in Practice

Supporting Student Success

Holistic Advising in CA&ES

- 350:1 Student: Advisor ratios
- 97% of all students met with an advisor (2017-18)
- 60% of all appointments were repeat visits (2017-18)
- Partnerships with Dean's office, major advisors, faculty master advisors, CAO's

"I'm very grateful I came in to talk to you and the stress has gone away. You were incredibly helpful in steering me in the right direction. Thank you very much for your help."



Supporting Student Success

Holistic Advising in CA&ES

Innovative Programming and Building Community

- Workshops and Webinars—Exploratory, International, Academic Probation, Healthy Cooking
- Slice of Advising, Study Breaks, Coffee with the Dean, Ask Me Anything with the Assoc Dean
- Student Leadership Development
- Aggie Ambassadors
- Service Learning Opportunities

“Not only did I discover a diverse group of people and beliefs, I gained a sense of community within CA&ES, implementing the values of agricultural, environmental, and human sciences in a quarter was a refreshing and fulfilling experiences as a student and as a person.”




Supporting Student Success

Career Discovery Groups in CA&ES*

- Explore career and major choices
- Graduate student mentor
- Significant increase in retention for URM students (56% to 73%); 0.16 increase in GPA
- Significant increase in confidence in exploring majors, careers, and graduate/professional school opportunities

*Partnership with Internship and Career Center

<https://caes.ucdavis.edu/students/cdg>



"I absolutely would recommend this class to other students. I know I need to learn chemistry and math, but this was the most beneficial course I took."

—Shelby, CDG participant

Supporting Student Success



- New pilot in 2019
- Career Discovery Group Participation
- One-on-one advising
- Leadership development workshops
- Service learning
- Community building events

Supporting Student Success

Growth Mindset Pilot* in the Classroom at UC Davis Showing Positive Effects on Course Grades

Growth mindset is the belief that intelligence can be developed through hard work, use of effective strategies, and help from others when needed.

<https://mindsetscholarsnetwork.org/learning-mindsets/growth-mindset/#>

*www.perts.net

Supporting Student Success

UC Davis Belonging Project

Goals

- Help students better understand social and emotional struggles they will face
- Normalize these struggles
- Help students gain skills to overcome their feelings of social and academic isolation



Yeager et al., PNAS, 2016

Supporting Student Success

UC Davis Belonging Project

Initial pilot showing positive impacts
on first year GPA and percentage of
students in good standing

Yeager et al., PNAS, 2016

www.perts.net

Supporting Student Success

Campus Programs

- Pre-matriculation support programs (summer bridge programs for first year and transfer students)
- Post-matriculation supports such as co-classes, tutoring supports, etc.



Supporting Student Success

Summary

- Advising
- Curricular support programs (CDG)
- Psychosocial supports



Supporting Student Success

Discussion Practical Tips for Department Chairs

