

University of California Alumni

**The emerging demographics of UC alumni:
Who are they and what are they doing after graduation?**

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UC Office of the President

Alumni Leadership Forum
May 16, 2016

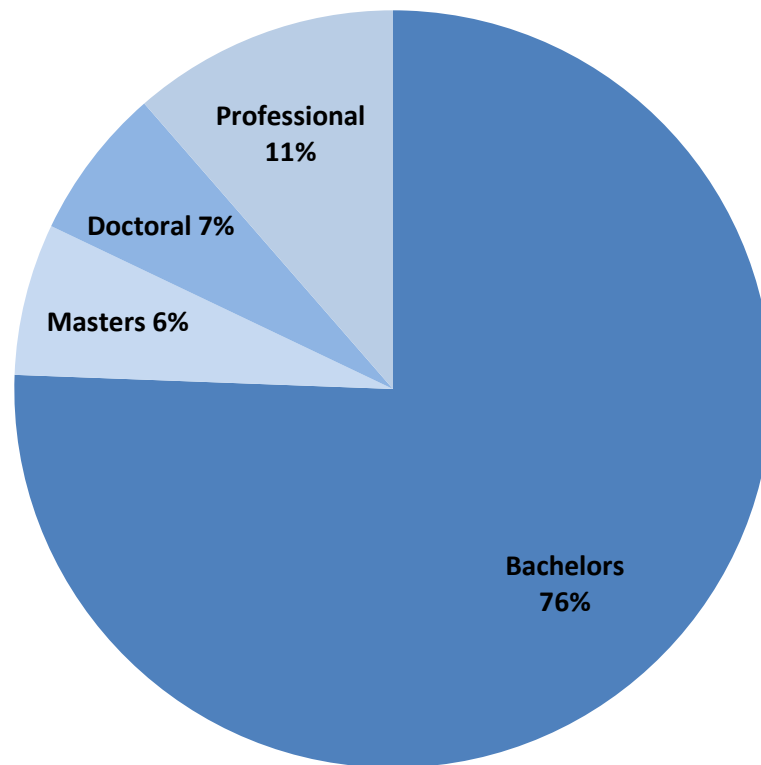
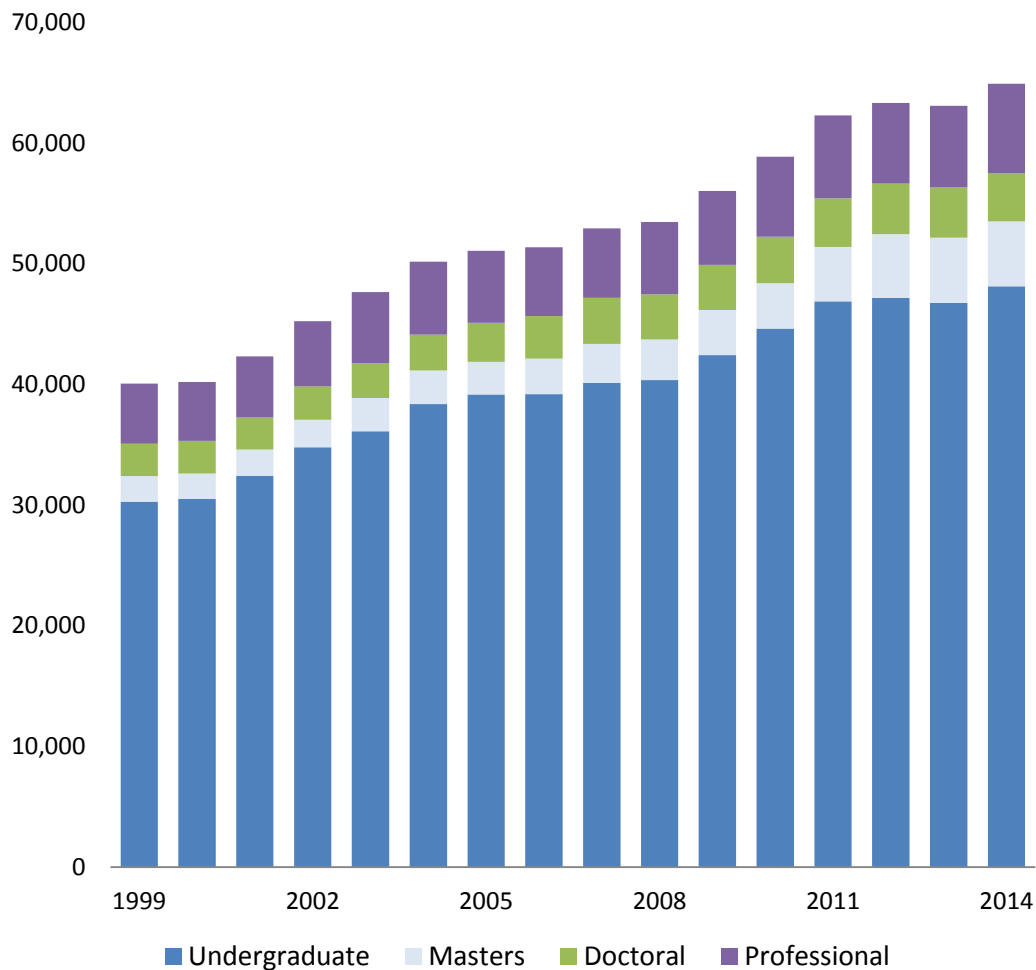
Presentation

- Who are UC alumni? How are they changing?
Where do they live?
- What do we know about UC alumni employment outcomes? How are we demonstrating impact of UC alumni?

Who are UC alumni?
How are they changing?
Where do they live?

Degree levels

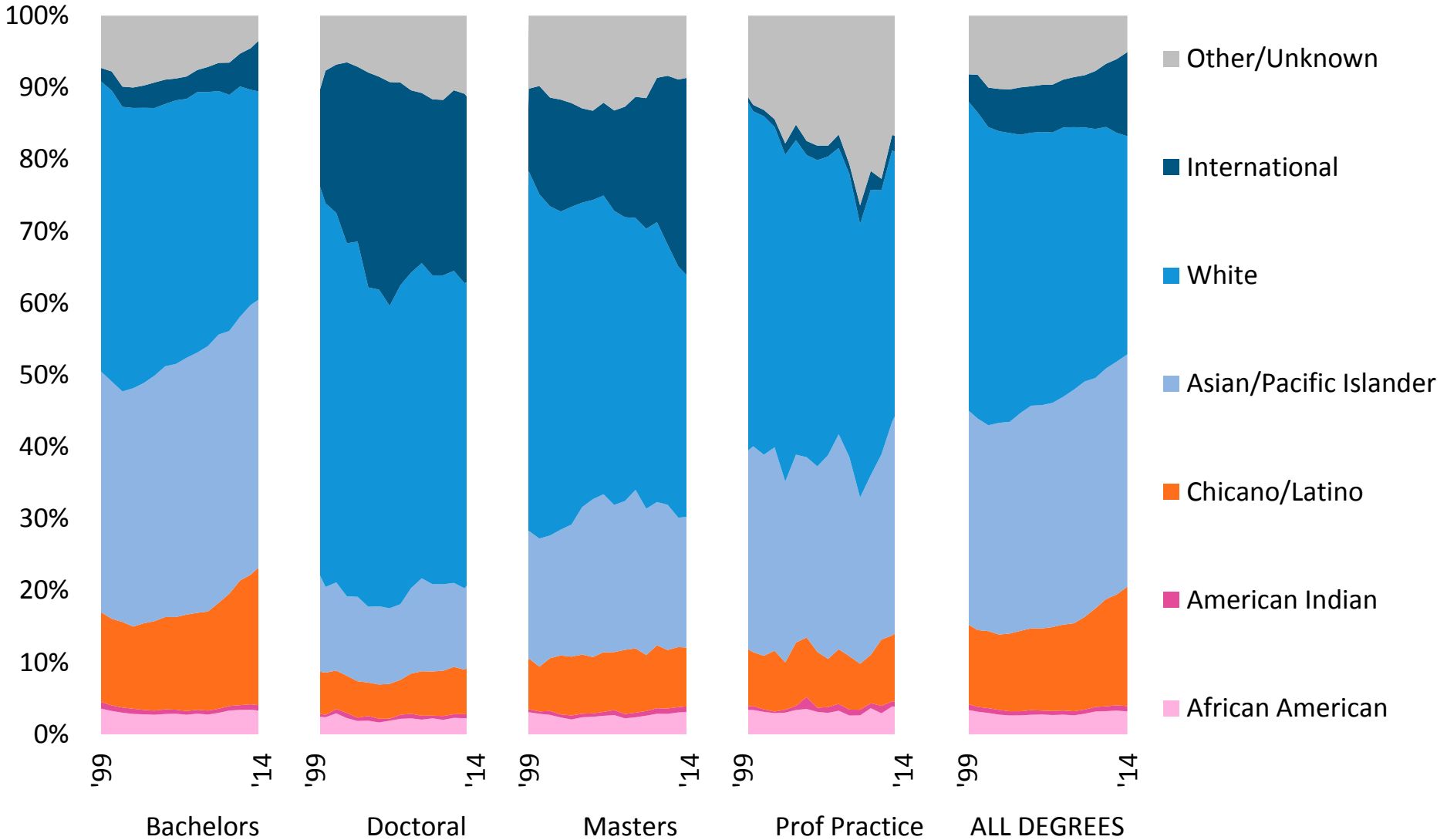
Degrees Over Time



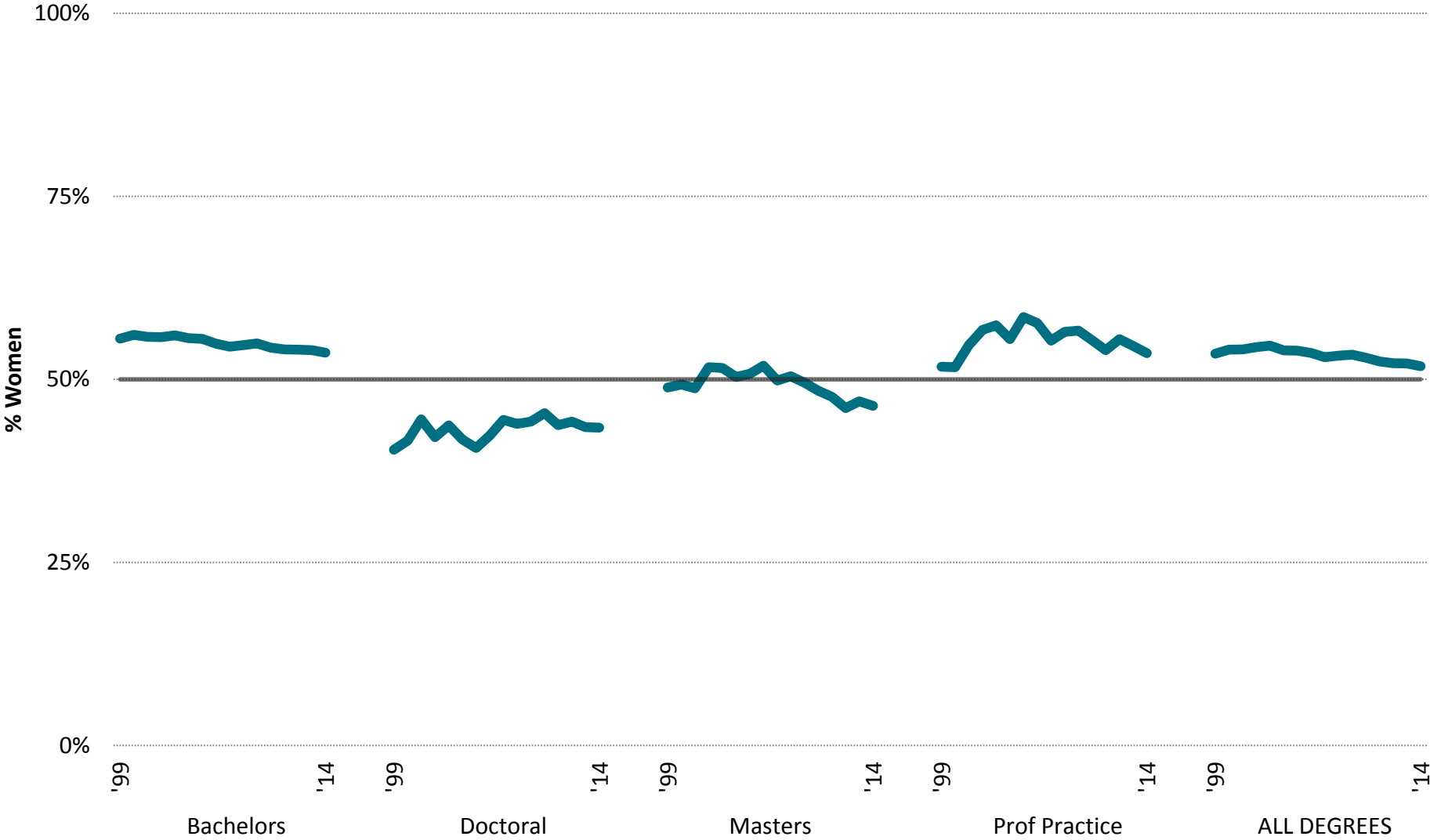
Top disciplines

Bachelors		Doctoral		Masters		Professional Practice	
Social Sciences	34%	Engineering & CS	24%	Business	26%	Law	51%
Arts & Humanities	17%	Life Sciences	19%	Engineering & CS	19%	Medicine	30%
Life Sciences	17%	Physical Sciences	17%	Health Sciences	10%	Other Health Sciences	19%
Engineering & CS	10%	Social Sciences	15%	Education	10%		
Business	6%	Arts & Humanities	13%	Arts & Humanities	8%		
Physical Sciences	5%	Education	5%	Public Administration	5%		

Alumni diversity

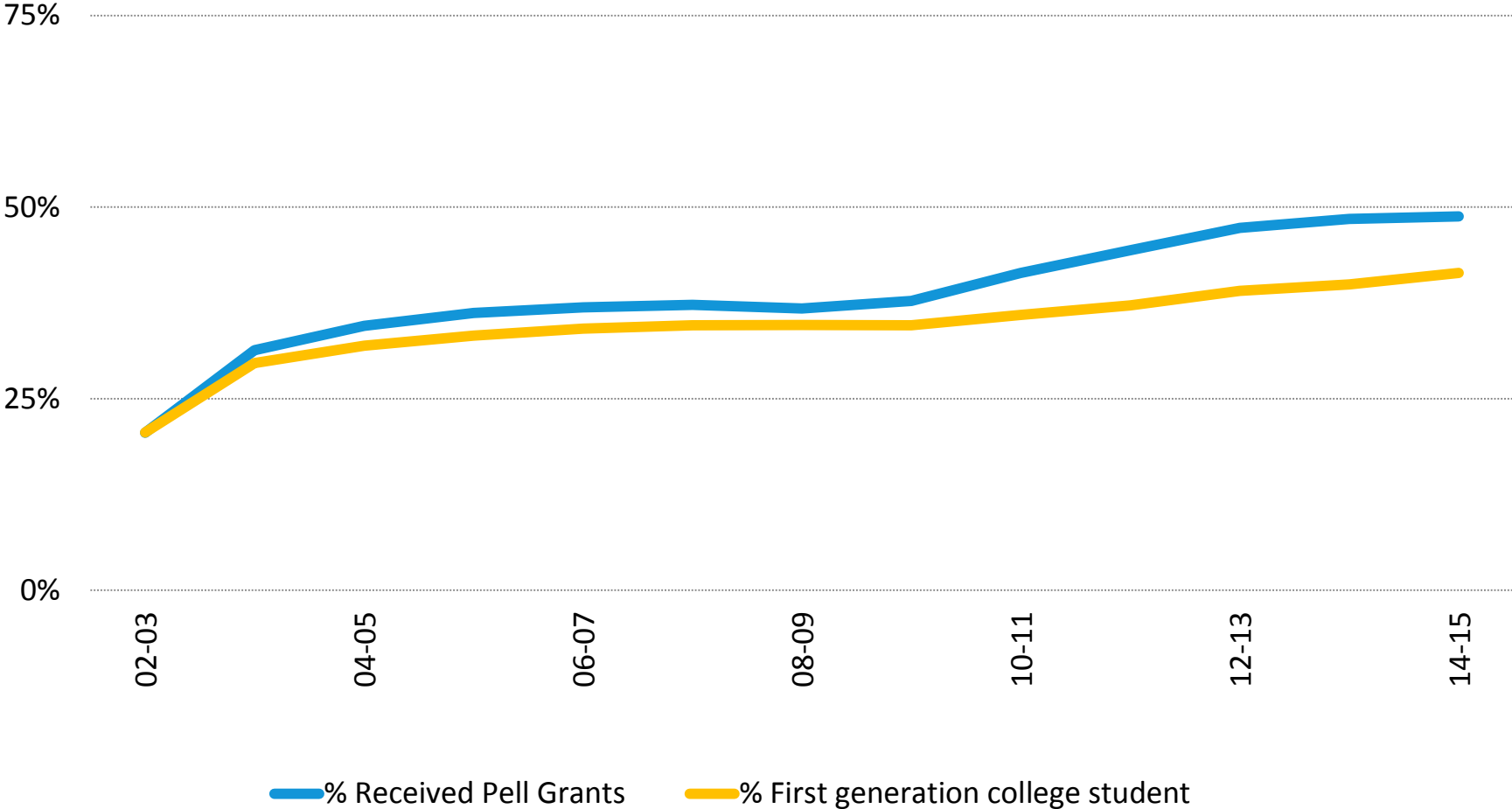


Gender

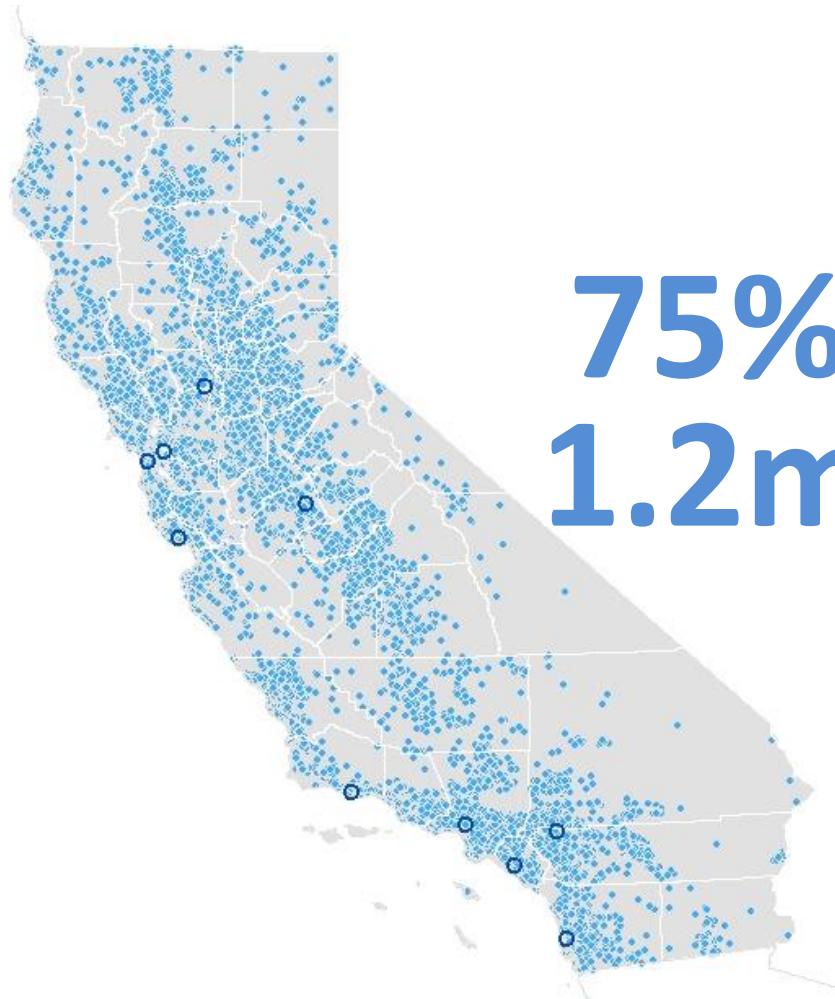


Income and parent education

Bachelors Degree Recipients



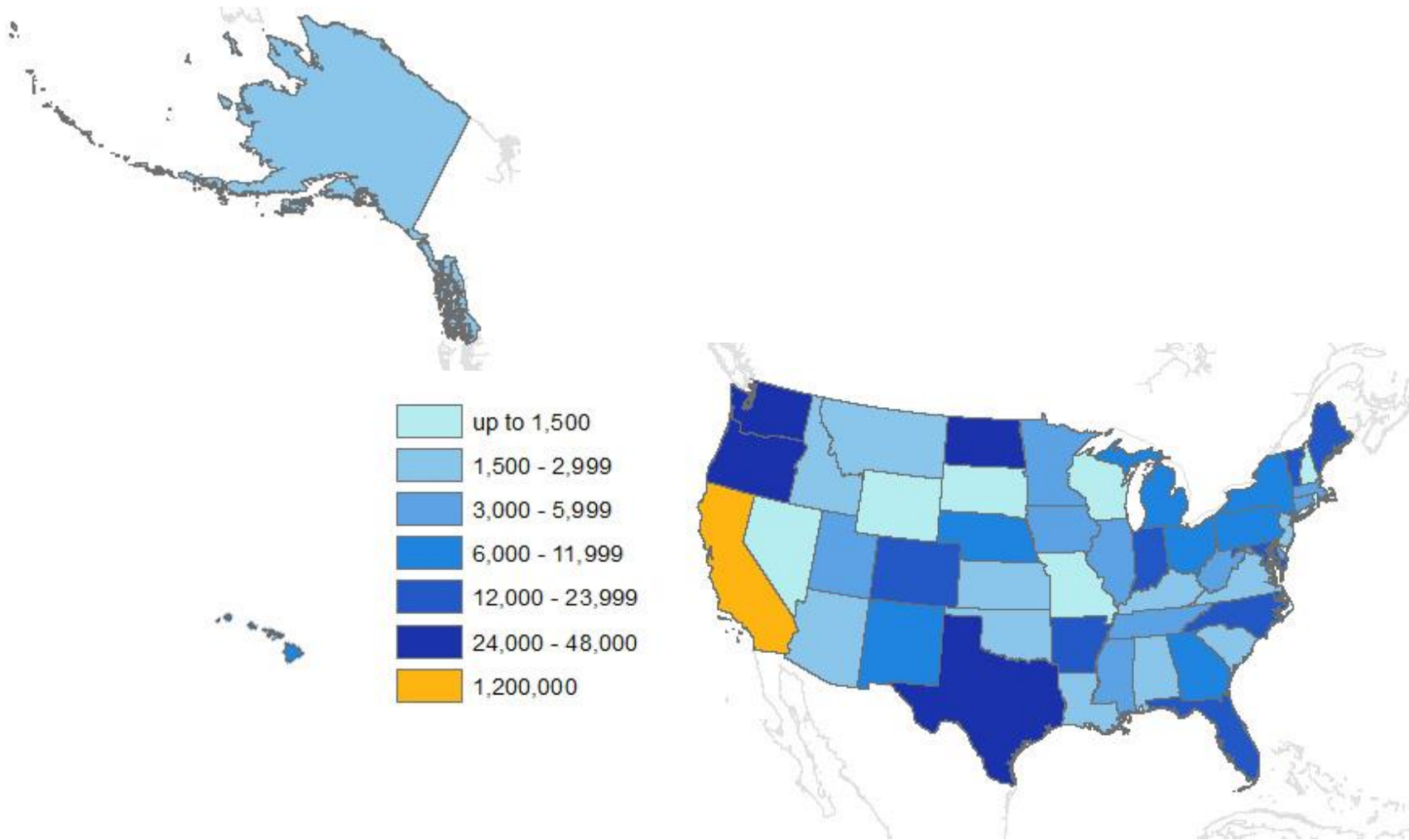
From all across the state



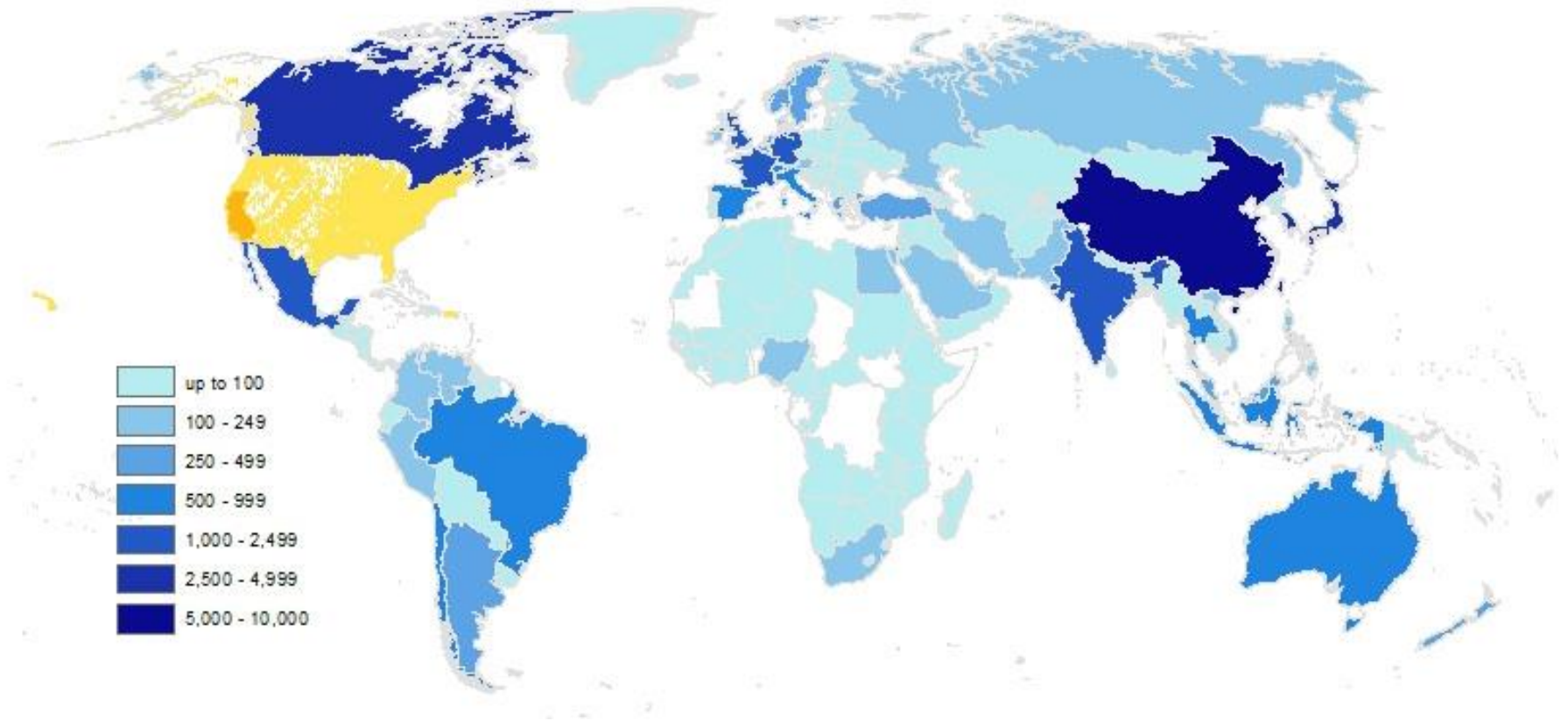
75%
1.2m

of 1.6 million living
alumni live in California

UC alumni in every state



And around the globe



What do we know about UC alumni
employment outcomes?

How are we demonstrating impact of UC
alumni?

UC Information Center

UC undergraduate alumni outcomes

- <
 Number of bachelor's degrees issued by UC is growing
- Many UC graduates go on to work in CA
- UC graduates work in a wide variety of industries
- Graduates double their earnings between 2 and 10
- There is great value in earning a college degree
 >

More than 70 percent of the most recent graduating cohort were found working in California after two years. The data are based on CA Employment Development Department data and exclude federal employees and those who are self-employed. About half of domestic nonresidents and one-fourth of international students were found employed in the state.

Years after graduation

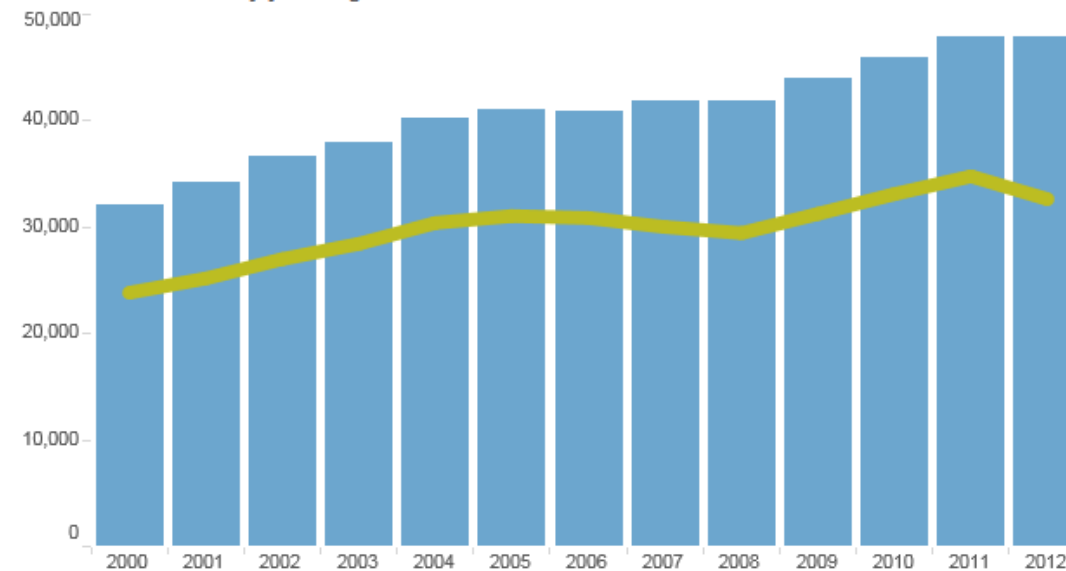
- Earners
- Graduates

- (All)
- CA Resident
- NR Domestic
- International

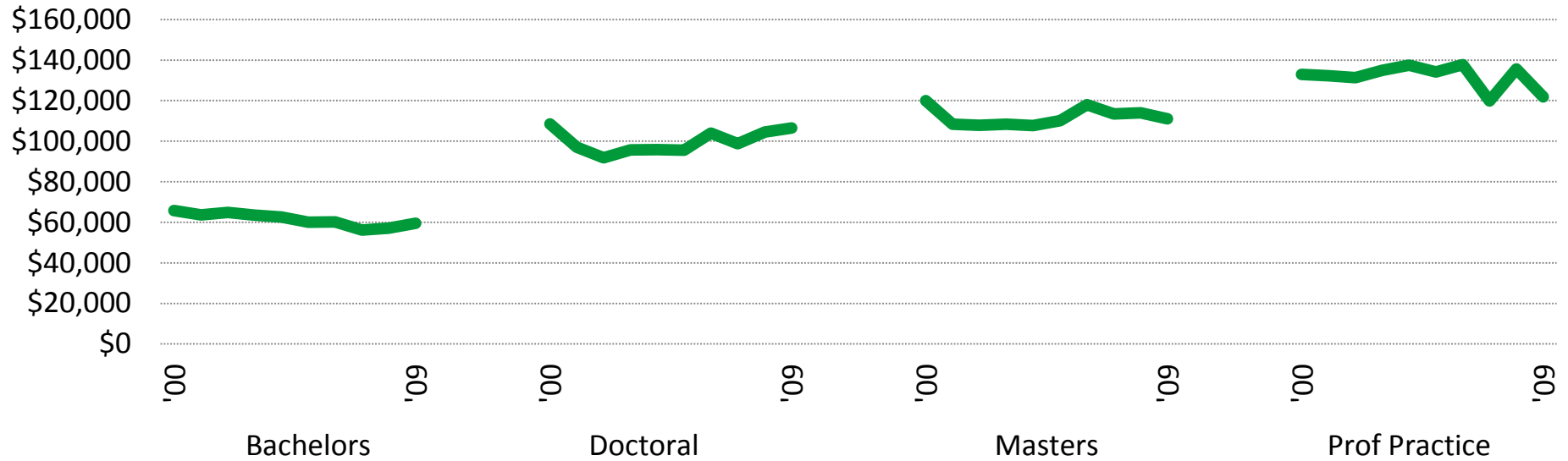
- (All)
- Freshmen
- CA Comm Coll Transfers
- Other

- (All)
- Arts & Humanities
- Business
- Engineering & CS
- Life Sciences
- Physical Sciences
- Social Sciences
- Other Majors

Earners found in CA by year of graduation

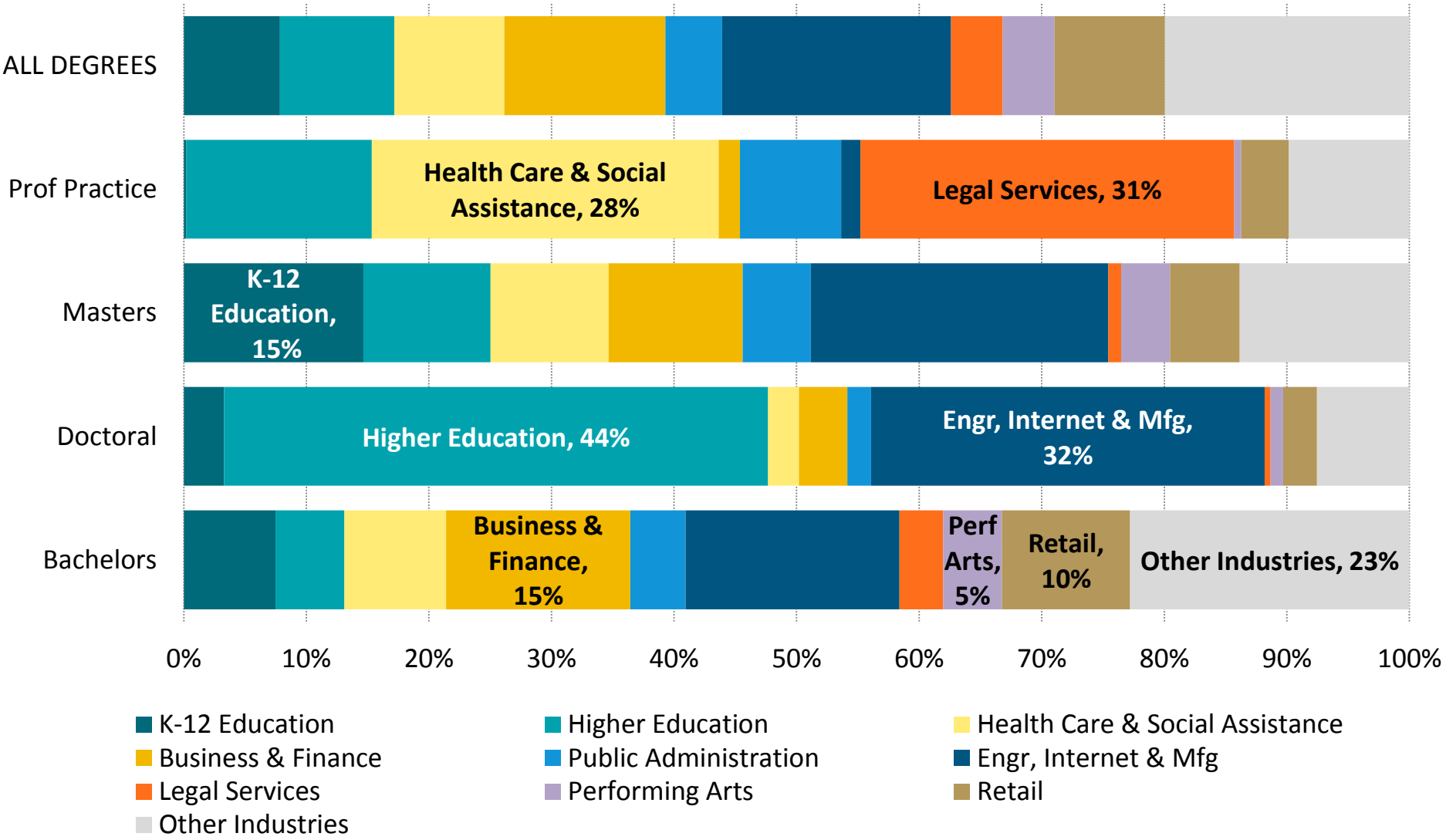


Employment earnings, 5 years after graduation



	Bachelors	Doctoral	Masters	Prof Practice
K-12 Education	\$41,000	\$89,000	\$57,000	\$64,000
Higher Education	\$48,000	\$73,000	\$76,000	\$83,000
Health Care & Social Assistance	\$52,000	\$107,000	\$110,000	\$140,000
Business & Finance	\$71,000	\$136,000	\$153,000	\$122,000
Engr, Internet & Mfg	\$78,000	\$135,000	\$143,000	\$137,000
Public Administration	\$79,000	\$109,000	\$116,000	\$115,000
Legal Services	\$82,000	\$129,000	\$135,000	\$166,000
All Industries	\$61,000	\$100,000	\$112,000	\$132,000

Industries of employment, 5 years after graduation



Doctoral alumni survey: Most recent employment sector

Tenure Track	42%
2-yr College	2%
4-yr College	32%
Medical School	2%
Research Institute	5%
Other	2%
Total (n)	3,013

Non-Tenure Higher Education*	22%
2-yr College	1%
4-yr College	10%
Medical School	3%
Research Institute	5%
Other	3%
Total (n)	1,553

*Non-tenured jobs in higher education could include administrative staff, lecturers, postdocs, adjunct professors, or other contingent faculty members

K-12 Education	2%
Total (n)	120

Private For Profit Industry or Self-Employed	24%
For-Profit Company or Organization	18%
Self-Employed (Incorporated)	3%
Self-Employed (Non-Incorporated)	3%
Total (n)	1,703

Gov't, Non-Profit, or Other Employee	11%
Non-Profit	3%
U.S. Federal Government (civilian)	3%
Local Government	1%
State Government	1%
U.S. Military	0.04%
Other (incl. foreign gov't)	2%
Total (n)	768

Grand Total (n)	7,157
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UC's contribution to California industries



- IRAP effort to highlight the impact of UC in fields beyond STEM
- Highlights UC alumni who are:
 - Oscar nominees
 - Previous Oscar winners
 - Entertainment industry professionals
- Highlights economic impact of UC arts graduates working in arts and entertainment

UC's contribution to California communities



University of California: Impact in the North State Region

Educating local residents at all 10 UC campuses

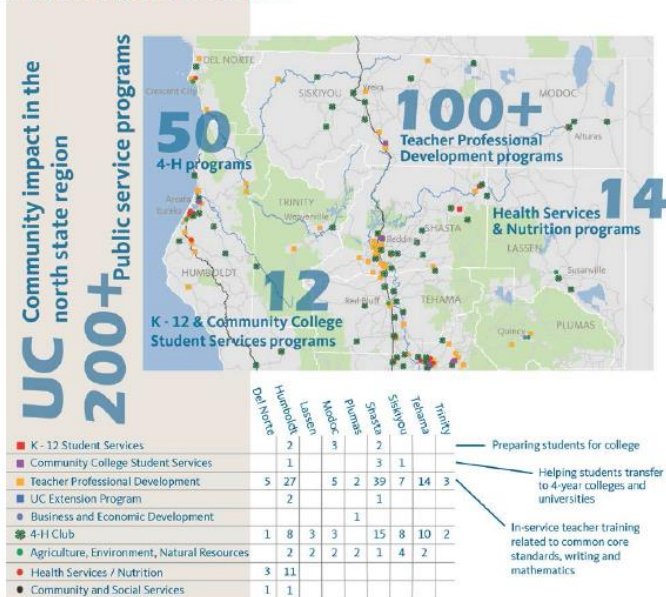
Over the last five years, almost 1,200 north state region residents enrolled at the University of California. These undergraduate and graduate students are enrolled at all ten UC campuses. UC Davis, known for its agricultural and veterinary science programs, is the most popular.

Transfers from selected regional community colleges	2011-2015 new UC enrollment
Shasta College, Redding	218
College Of The Redwoods, Eureka	36
College Of The Siskiyous, Weed	17

Freshman from selected regional high schools

	2011-2015 new UC enrollment
Shasta High School, Redding	74
Arcata High School, Arcata	69
University Preparatory School, Redding	55
Foothill High School, Palo Cedro	54
Eureka Senior High School, Eureka	47
Red Bluff High School, Red Bluff	46
West Valley High School, Cottonwood	39
Enterprise High School, Redding	34
Mount Shasta High School, Mount Shasta	29
McKinleyville High School, McKinleyville	25
Northcoast Prep & Perf Arts Acad, Arcata	25

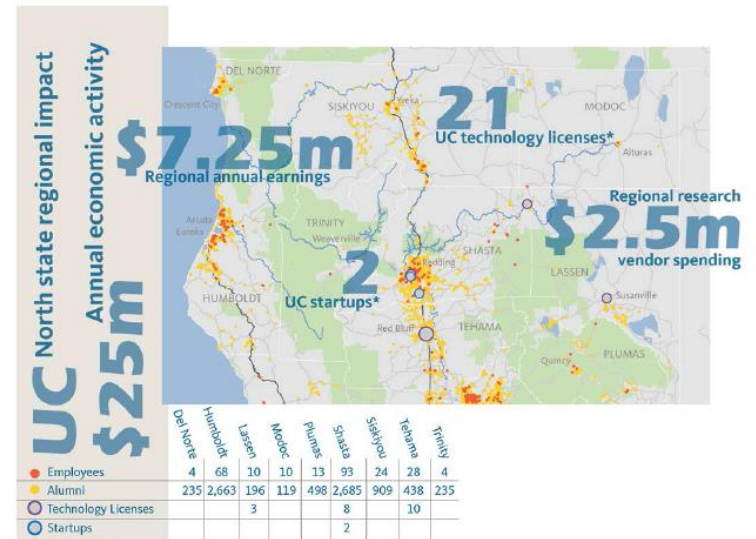
UC's community-based public service programs



University of California: Impact in the North State Region

Impacting communities through economic activity

University operations generate well over \$25 million in annual economic activity with 10% of that number contributed by UC research funds in purchasing local goods and services even though the region is not home to a UC campus. In addition, nearly 8,000 alumni and retirees call the north state region home.



There are over 20 technology licenses which allow local businesses, primarily nursery operations, permission to develop and commercialize a UC technology. In addition, there are two startup businesses in the north state that developed through commercializing UC technology.

To learn more about the University of California, visit these websites:

- UC Information Center: <http://universityofcalifornia.edu/infocenter>
- UC in California: an interactive map: <http://arcgis.cisr.ucsc.edu/ucop/>
- UC News: <http://universityofcalifornia.edu/news>

Areas of impact



16 Pulitzer Prize
Winners in 2016



More than 20
Nobel Prize Winners



40% of STEM Bachelors
Degrees in CA



CA
Veterinarians

● UC Alumni

Notes: STEM bachelors degrees as compared to other 4-year colleges in California. Based on 2013-14 IPEDS data center report and University of California Report to the Legislature Performance Outcome Measures, March 2016. Veterinarian data represents UC graduates who are licensed as veterinarians in the state of California. UC graduates are identified by the terminal degree submitted for licensure. Licensure data is from the California Department of Consumer Affairs.

Areas of influence



CA State
Elected
Officials



CA State
Justices

● UC Alumni



Well Established
Nonprofit Boards
in CA



More than

100 C-Suite
Professionals

● UC Alumni as Board Member

in the 500 Largest US Revenue-Generating
companies*

Notes: State Justices include California Supreme Court and Appellate Court Justices. State Elected Officials includes, U.S. House of Representative for California, California State Assembly and House of Representatives, Governor, Lt. Governor, Secretary of State and CA Attorney General. Largest Revenue Generating companies are the top 500 US Companies ranked by annual revenue. Public companies with a least 100 million in annual revenue and private companies with at least 1 billion in annual revenue are included. Company and Non profit Board data are collected by the Leadership Directory. "Well established" reflects criterion applied by Leadership Directory. For more information visit: <http://www.leadershipdirectories.com/About/CriteriaforInclusion-OnlineDirectories.aspx#LCOS>

UC Accountability Report

UC Doctoral Student/Alumni Honors

UC Grad Slam Winner



UC Riverside's Peter Bryley (chemical and environmental engineering Ph.D. student) is working to create smaller, more powerful microprocessors using graphene instead of silicon.

Forbes 30 Under 30



UC San Diego's Sarah Guthals (computer science, Ph.D., emphasis in education) co-founded [ThoughtStem](#), a company that develops programs to teach coding to children via Minecraft and other methods.

Pulitzer Prize Winner



UC Berkeley's Viet Thanh Nguyen (english Ph.D. and english & ethnic studies, BA) won for his debut novel, "The Sympathizer," a blackly humorous thriller and political commentary about a double-agent living in California after the Vietnam War.

UC Undergraduate Alumni Honors

Forbes 30 Under 30



UC Santa Barbara's Andrew Yakub (Physics, BA) founded [Rayton Solar](#) which uses laser deposition technology make solar wafers that are 1/100th the thickness of standard wafers.

Forbes 30 Under 30



UCLA's Ann Wang (International Development Studies, BA) and Jessica Willison (Communication Studies, BA) co-founded [Enrou](#), an online marketplace for products made in US and developing communities in the world.

Pulitzer Prize Winner



UC Santa Cruz's Martha Mendoza (journalism and education major, BA) work, conducted over 18 months, resulted in the freeing of more than 2,000 slaves.



Chief Justice Tani Gorre Cantil-Sakauye, first Asian-Filipina American to serve.
UC Davis BA and JD recipient