



Marlan and Rosemary Bourns College of Engineering

BOURNS HALL

PRESENTED BY:
INTERIM DEAN SHARON WALKER

DEPARTMENTS & PROGRAMS: CE-CERT

Bioengineering

- 11 Faculty
- +1 New
- 12 Faculty Total

Chemical and Environmental Engineering

- 20 Faculty
- +3 New
- 23 Faculty Total

4 faculty members

Computer Engineering

- 13 Faculty
- +1 New Faculty
- 14 Faculty Total

Computer Science and Engineering

- 27 Faculty
- +6 New
- 33 Faculty Total

Electrical and Computer Engineering

- 28 Faculty
- +3 New
- 31 Faculty Total

3 faculty members

Mechanical Engineering

- 19 Faculty
- +3 New
- 22 Faculty Total

1 faculty member

Materials Science and Engineering

- 53 Faculty
- +2 New Faculty
- 55 Faculty

MSOL

- 25 Faculty Total

GROWTH IN COLLEGE RANKING



Among the highest jumps in ranking
for UC campuses:

Campus	Rank Increase
UC Merced	Up 13 spots
UCR	Up 4 spots
UCSB	Up 4 spots
UCSD	Up 4 spots

No. 67

2018

No. 71

Last year



Leiden Ranking

No. 17

in the world for
physical sciences &
engineering

ShanghaiRanking's
Global Ranking of
Academic Subjects
2016

OUT NOW

SHANGHAI
RANKING

100%

of BCOE
departments
ranked

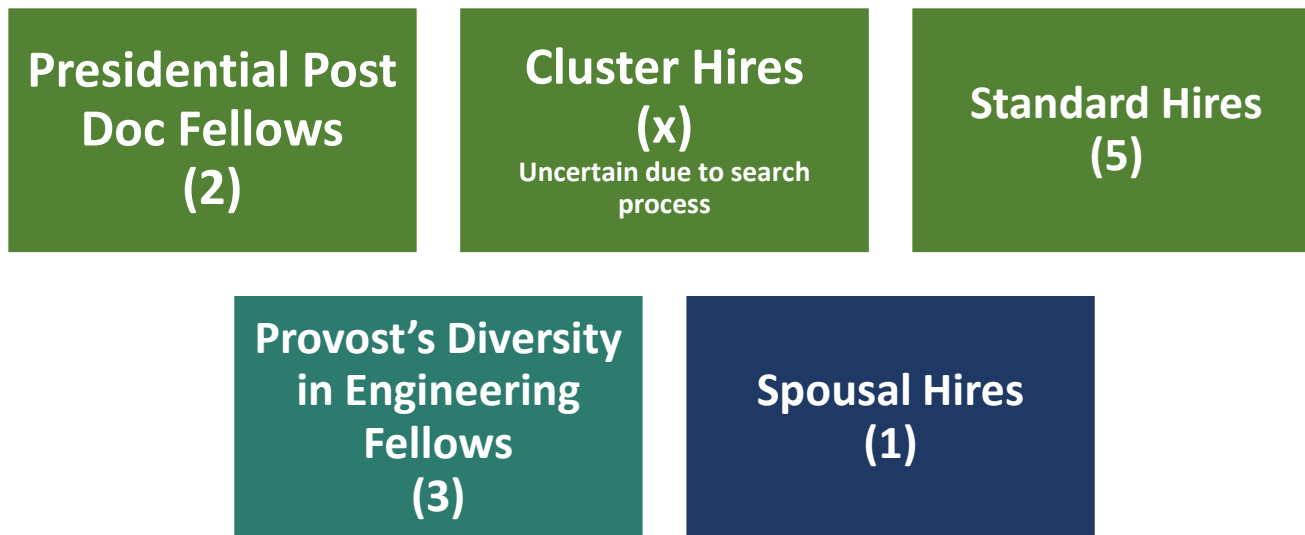


Marlan and Rosemary Bourns
College of Engineering

FACULTY SNAPSHOT



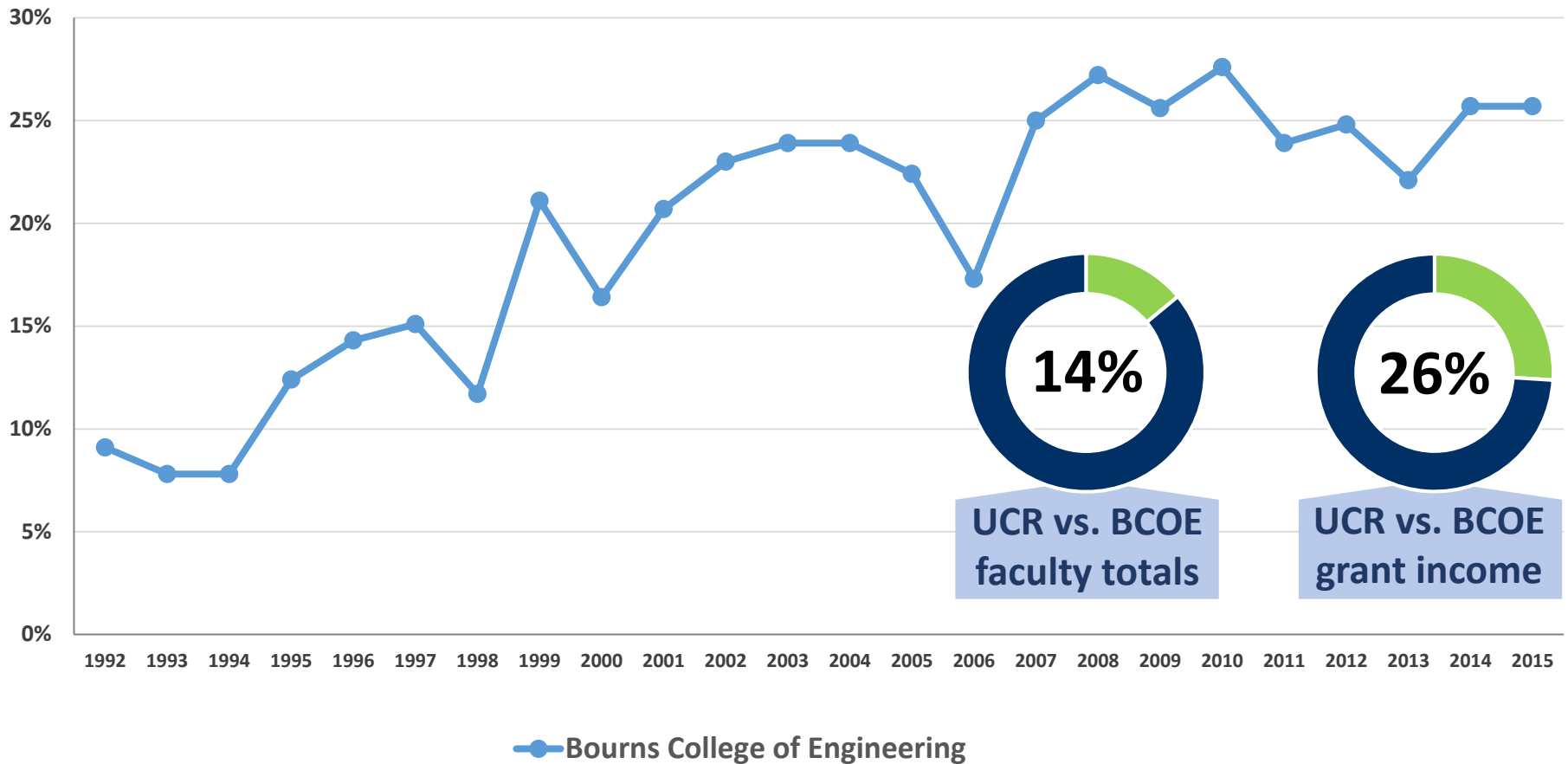
POTENTIAL FOR 12-15 NEW FACULTY



GRANT OVERVIEW

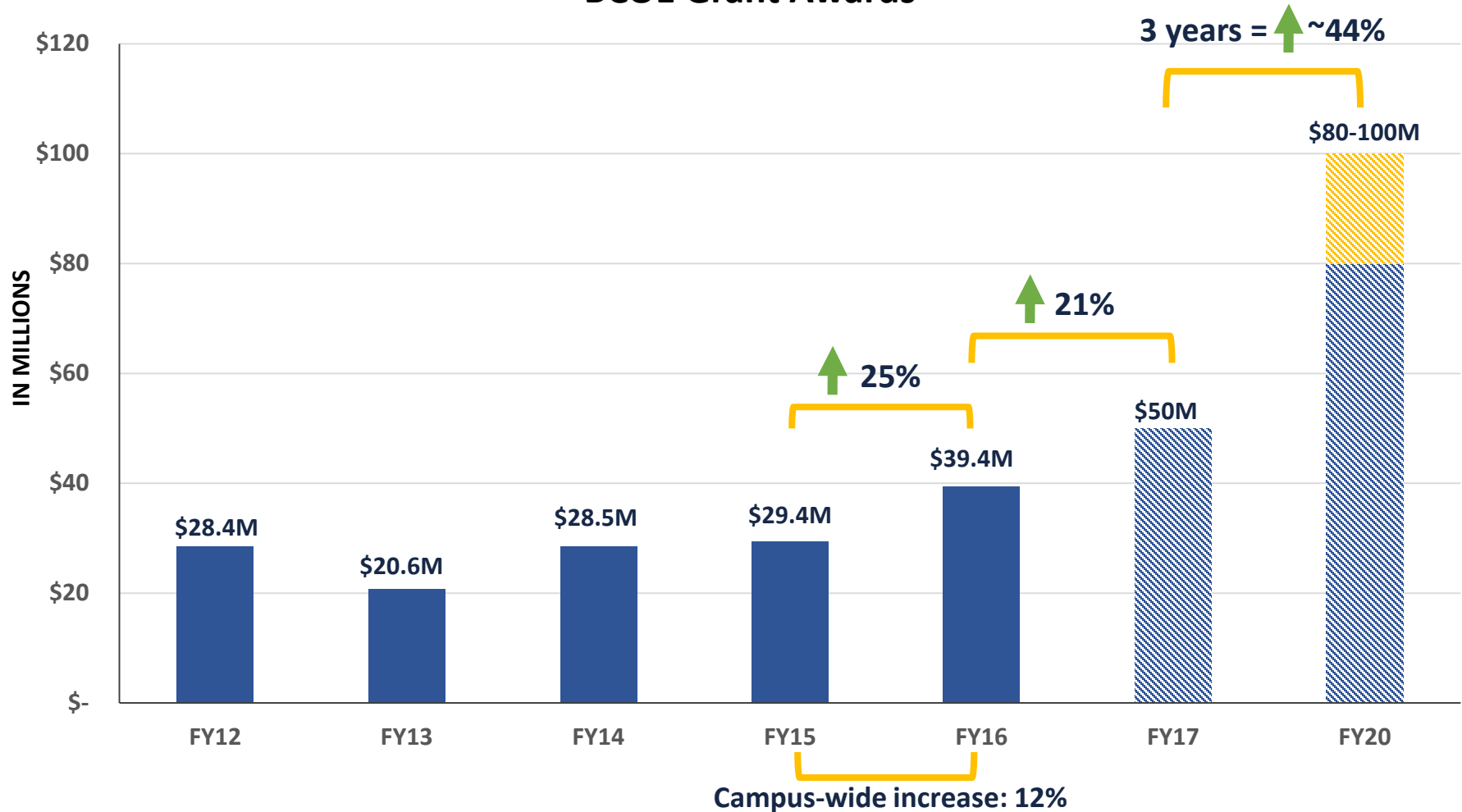
Bourns College of Engineering

Percentage of BCOE Contribution to Overall University Grant Income



GRANT OVERVIEW

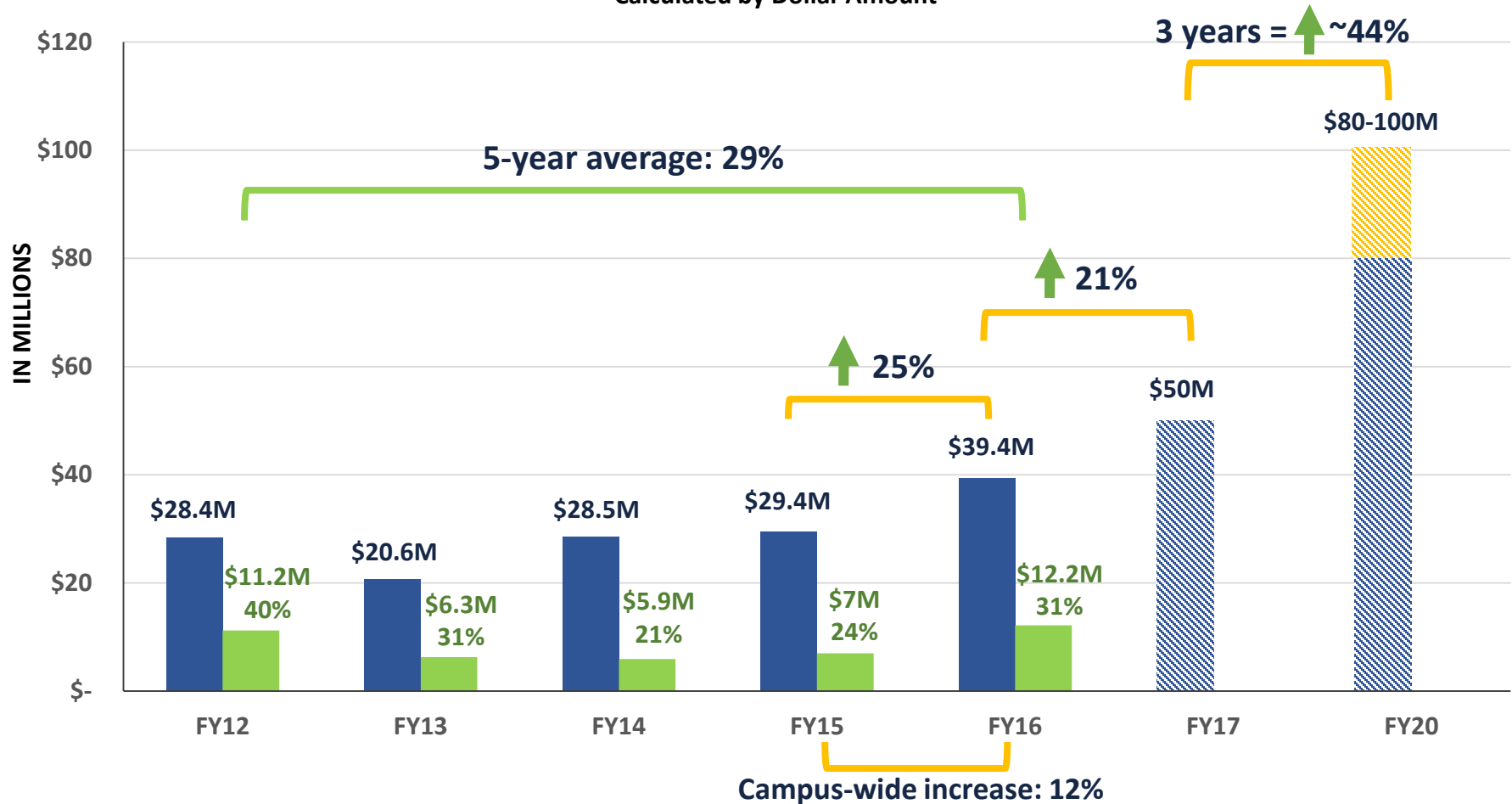
BCOE Grant Awards



GRANT OVERVIEW

BCOE & CE-CERT Grant Awards

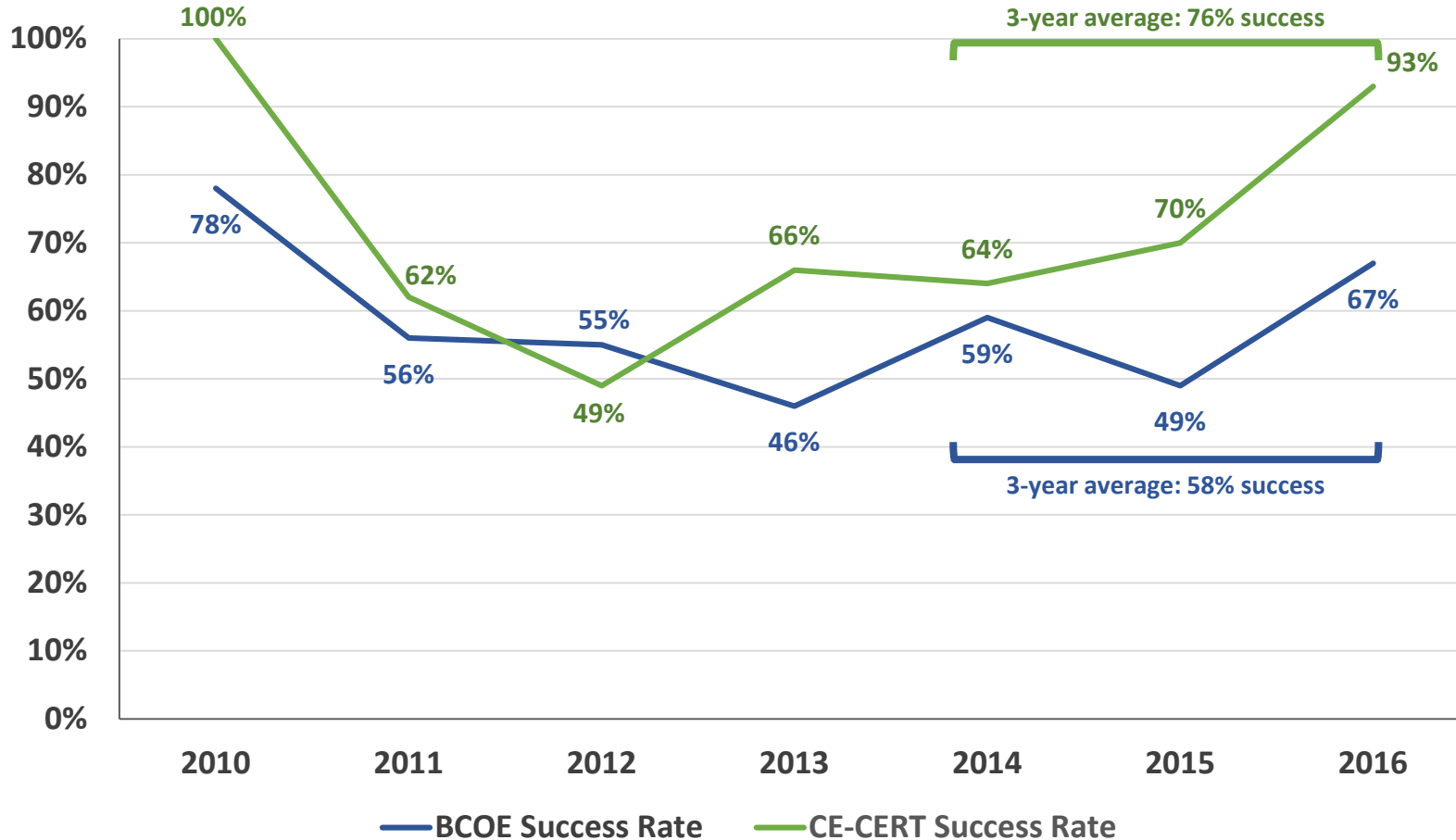
Calculated by Dollar Amount



GRANT OVERVIEW

Percentage of BCOE & CE-CERT Proposal Success

Calculated by Number of Proposals



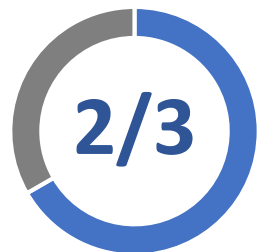
2016

CE-CERT



Proposals
Awarded

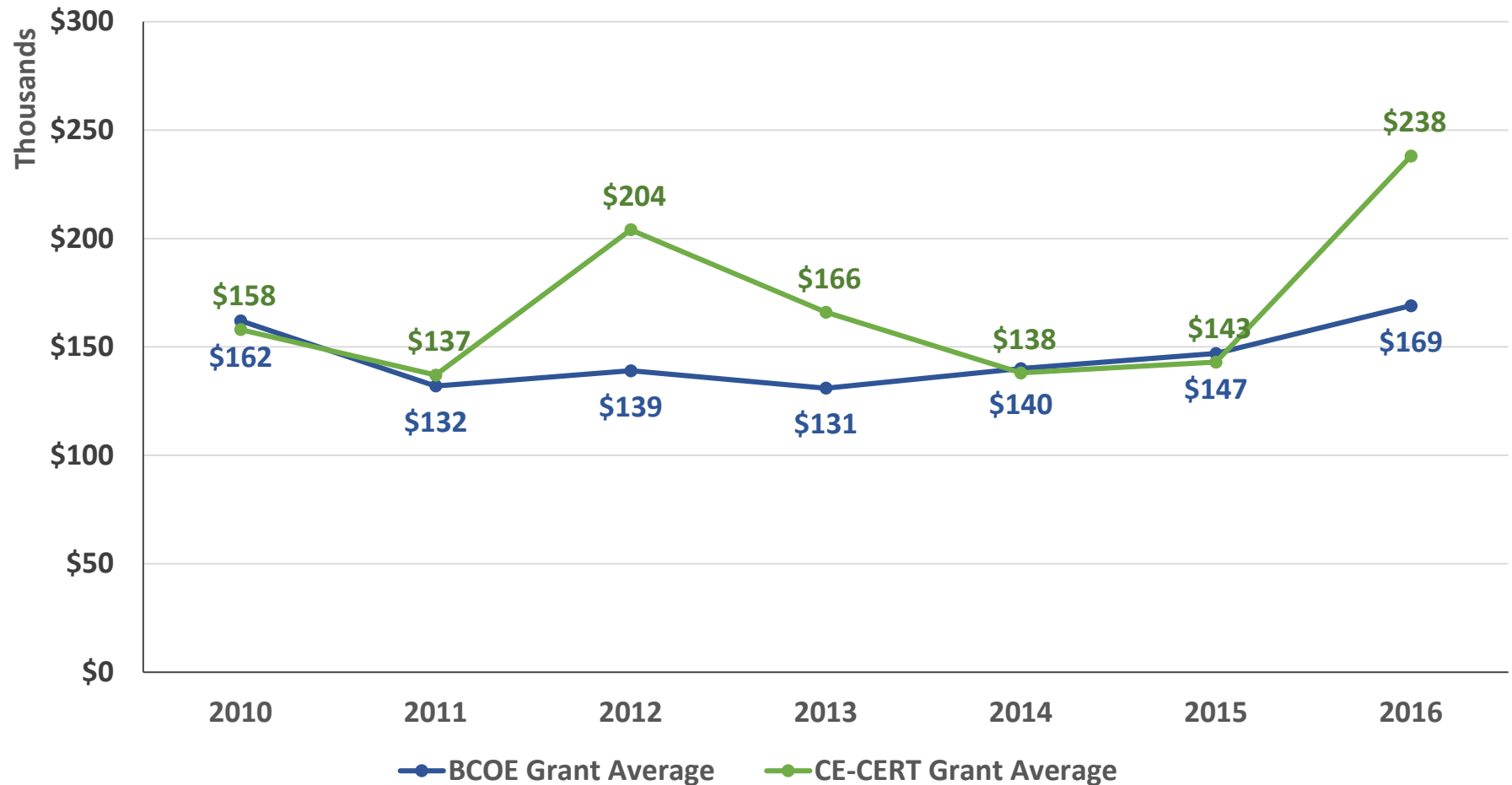
BCOE



Proposals
Awarded

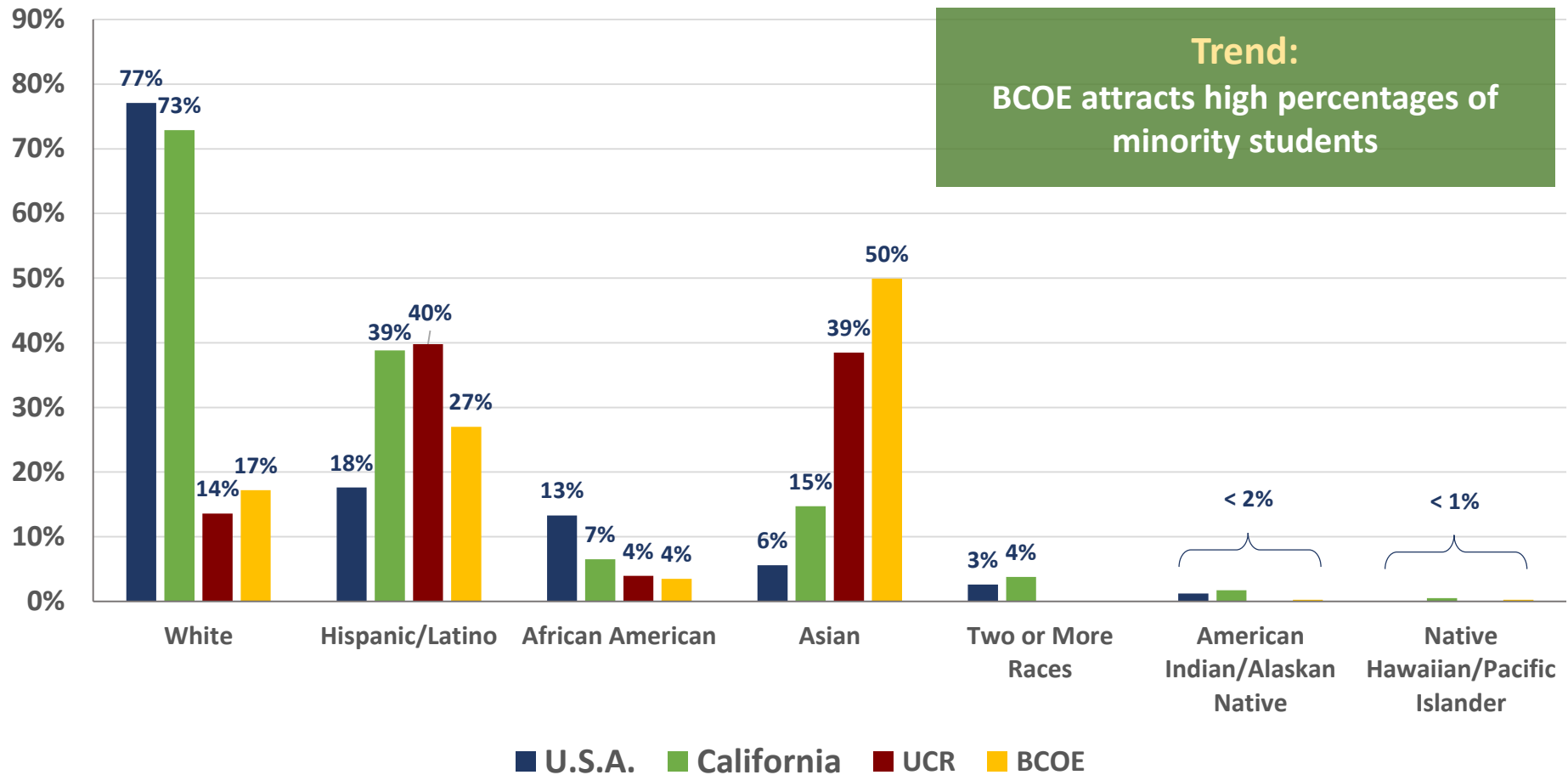
GRANT OVERVIEW

BCOE vs. CE-CERT Average Amount Awarded Per Grant



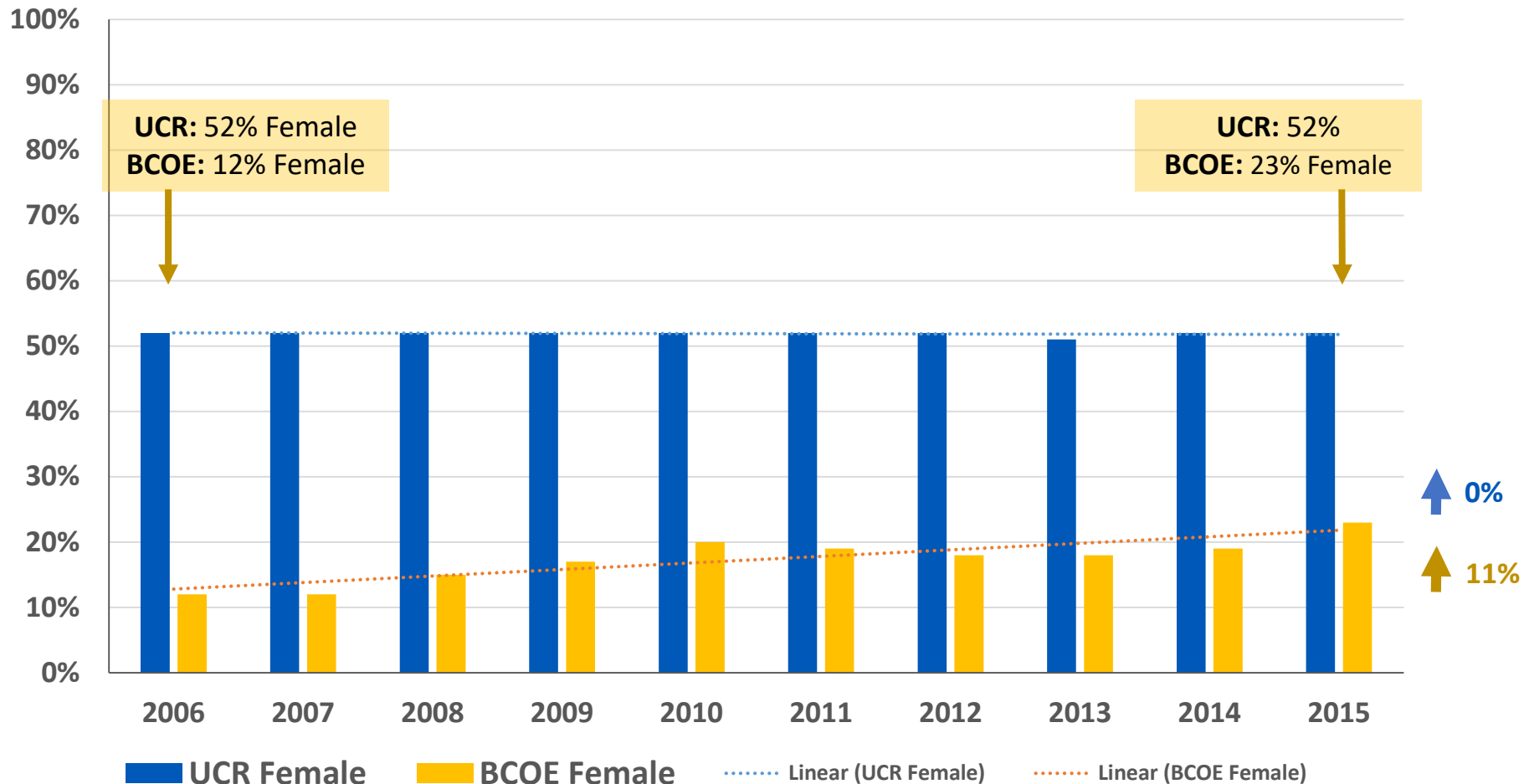
DIVERSITY: NATIONAL DEMOGRAPHICS

Ethnicity Comparison (2015)



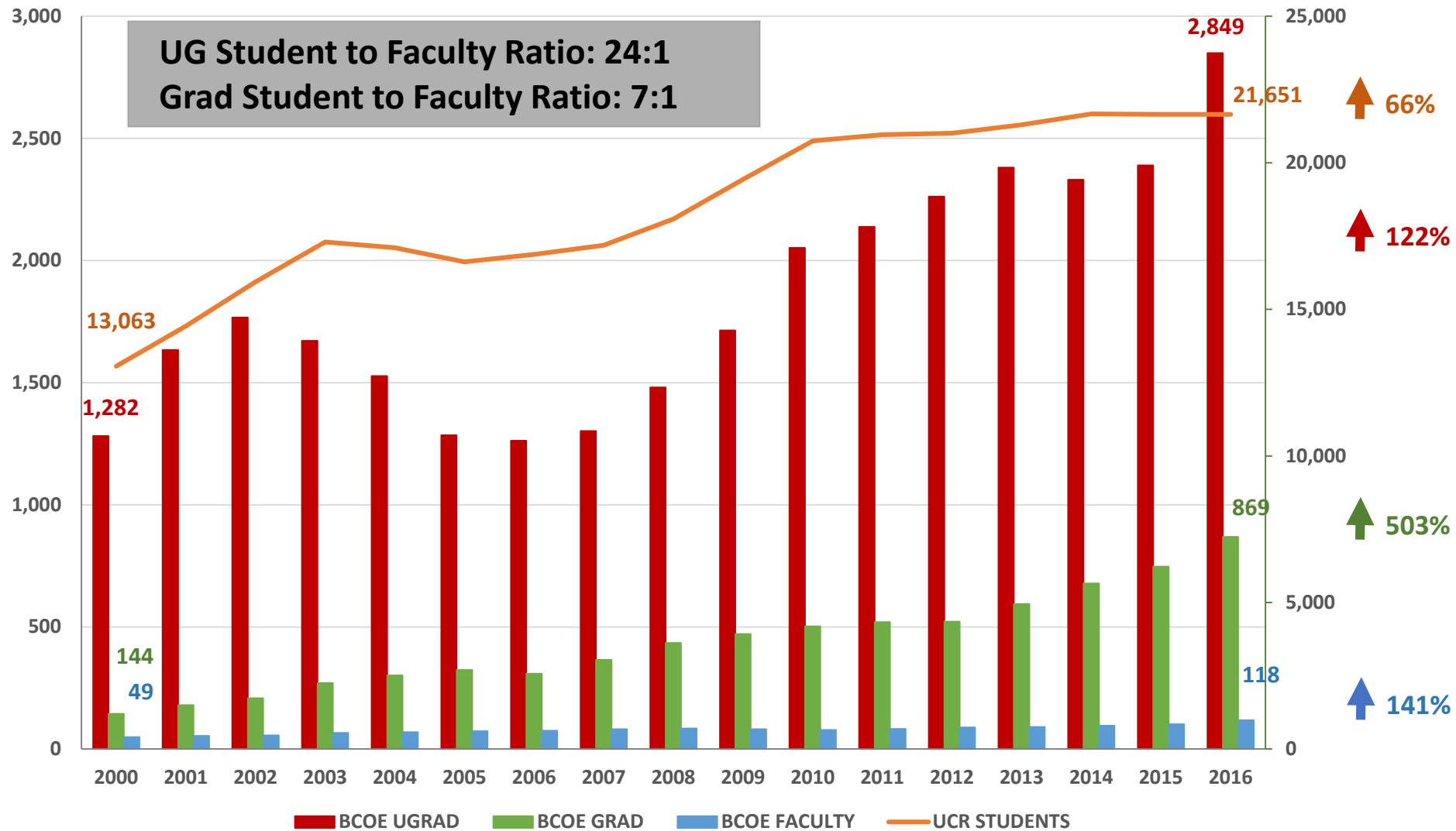
DIVERSITY: GENDER

UCR vs. BCOE Female Population



UCR/BCOE POPULATION INCREASES

UG Student to Faculty Ratio: 24:1
Grad Student to Faculty Ratio: 7:1



DEAN SEARCH TIMELINE

Round 1, Part 1

- Launch of dean search

March 2016

Mid-April 2016

- Close search
- Review applications

- Preliminary interviews with long list candidates

Early May 2016

Late May 2016

- Narrow search
- Launch vision presentations

- Notification of unsuccessful search

Mid-June 2016

Round 1, Part 2

- Extend current search
- Two candidates

Early Sept. 2016

October 2016

- Second round vision presentations

- No notification of successful candidate

November 2016

Round 2

- Potential relaunch of dean search

Approx. Fall 2017

UCR FUNDRAISING CAMPAIGN

✓ Support

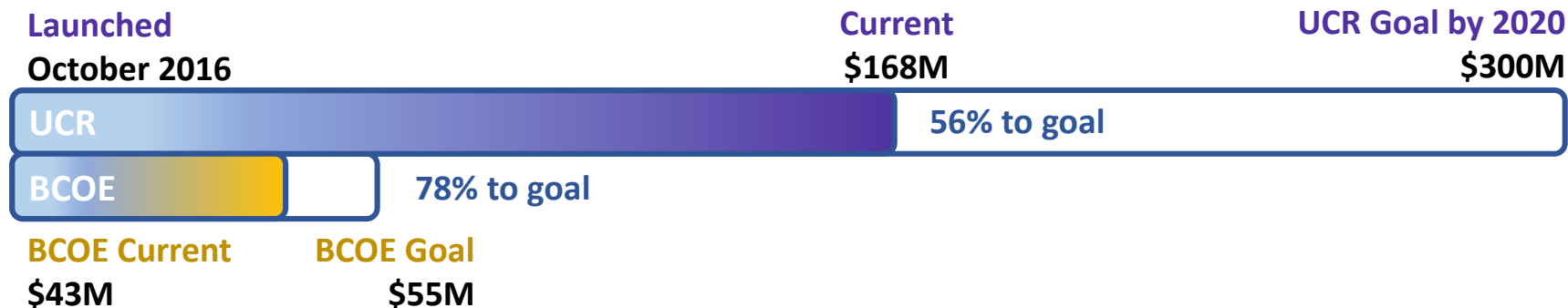
- Student learning experiences through scholarships, fellowships, senior design projects, innovation, entrepreneurship, and leadership

✓ Advance

- Faculty research and teaching with endowed chairs, enhanced facilities, and equipment

✓ Grow

- UCR's impact and influence with interdisciplinary centers and institutes



LOOKING AHEAD TO 2020

2014 retreat:
Strategic plan
revisited



Stayed the
course



Clusters: Not in
2020 strategic
plan



New interim
provost: **Assess
needs for
faculty growth**



Timeline
uncertain: new
budget model
& dean

College

- **Faculty**
 - 118 → 140
 - ↑ 19%
- **Research Expenditures**
 - \$36M → \$80-100M
 - ↑ ~100%

Students

- **Undergraduate Enrollment**
 - 2,849 → 3,000
 - ↑ 5%
- **Graduate Enrollment**
 - 292 M.S. → 500 M.S.
 - ↑ 42%
 - 532 Ph.D. → 700 Ph.D.
 - ↑ 24%

Growth & Expansion

- **Buildings**
 - MRB1
 - Construction timeline:
Oct. 2016 – Fall 2018
 - EBU3
- **Interdisciplinary Initiatives**
 - CE-CERT/CARB
 - SOM

CE-CERT BOARD OF ADVISORS



THANK YOU