

New Faculty Orientation

Fall 2015

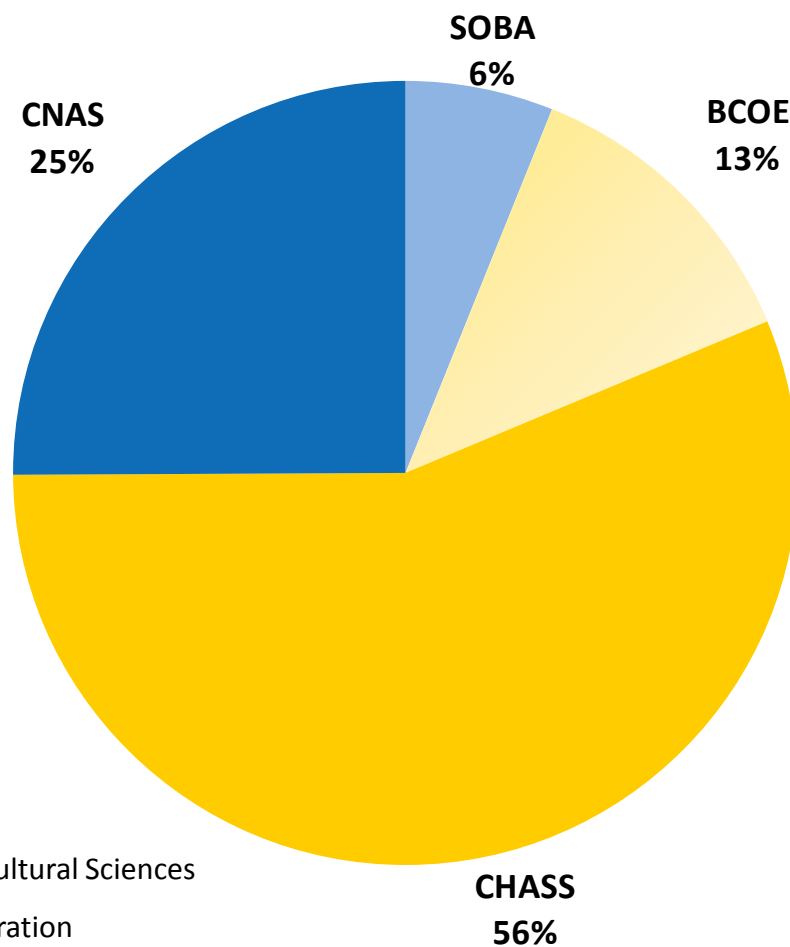
Steven Brint

Vice Provost, Undergraduate Education

Topics

- › Undergraduate Enrollment Overview
- › Who Are Our Students? Socio-Demographic Background
- › Who Are Our Students? Academic Profile
- › Effective Undergraduate Teaching
- › Teaching and Learning Resources

Undergraduate Enrollment by College



CNAS: College of Natural and Agricultural Sciences

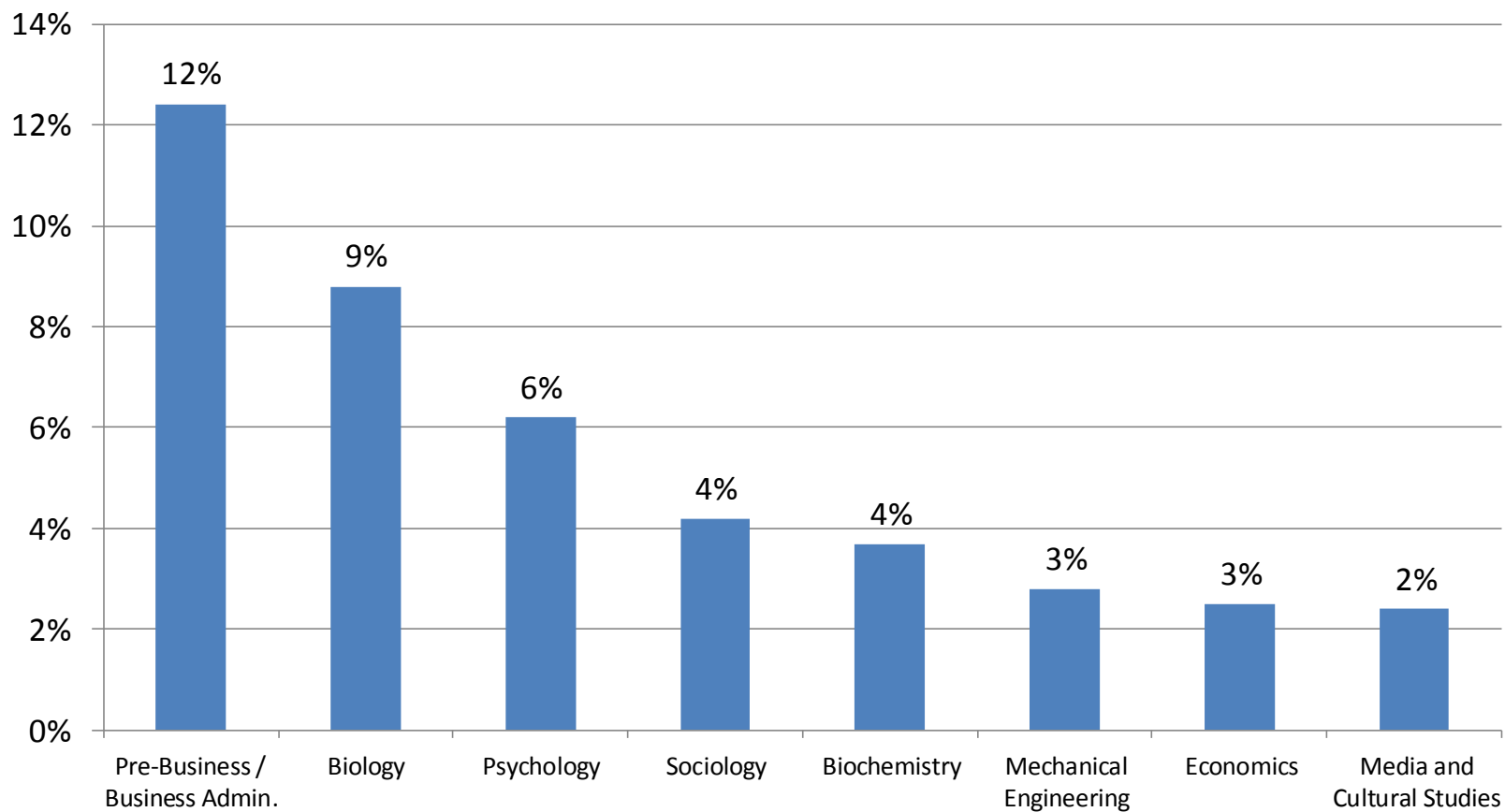
SOBA: School of Business Administration

BCOE: Bourns College of Engineering

CHASS: College of Humanities, Arts, and Social Sciences

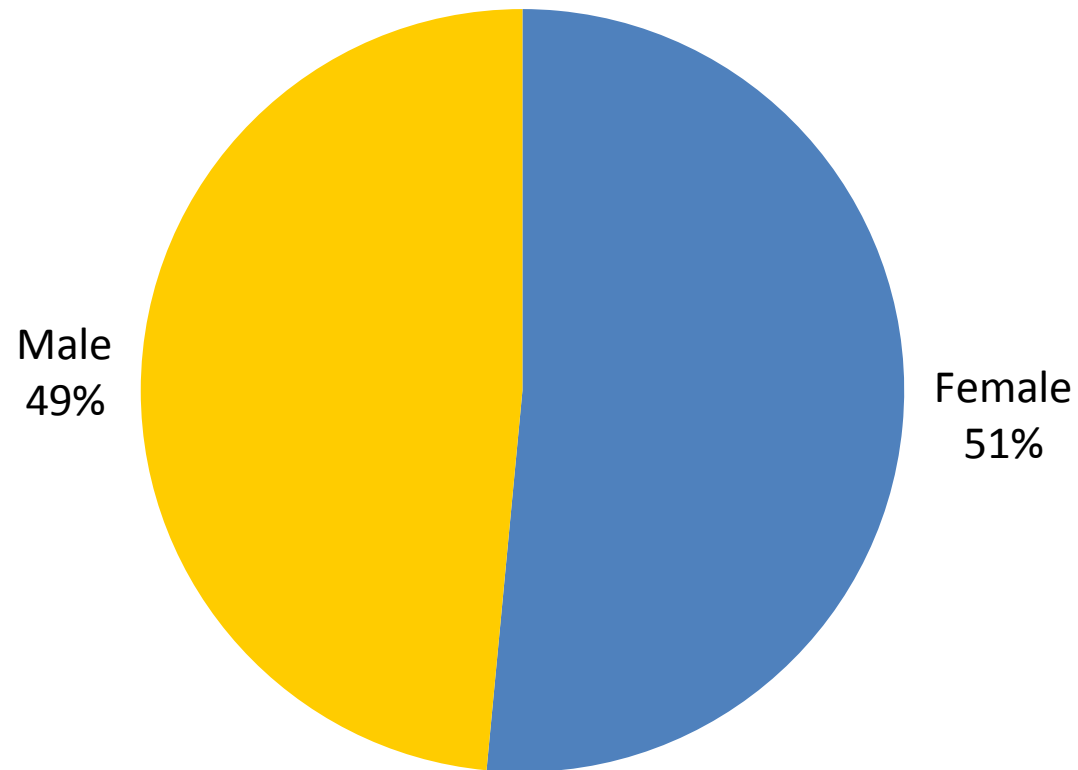
Winter quarter 2014

Most Popular Majors

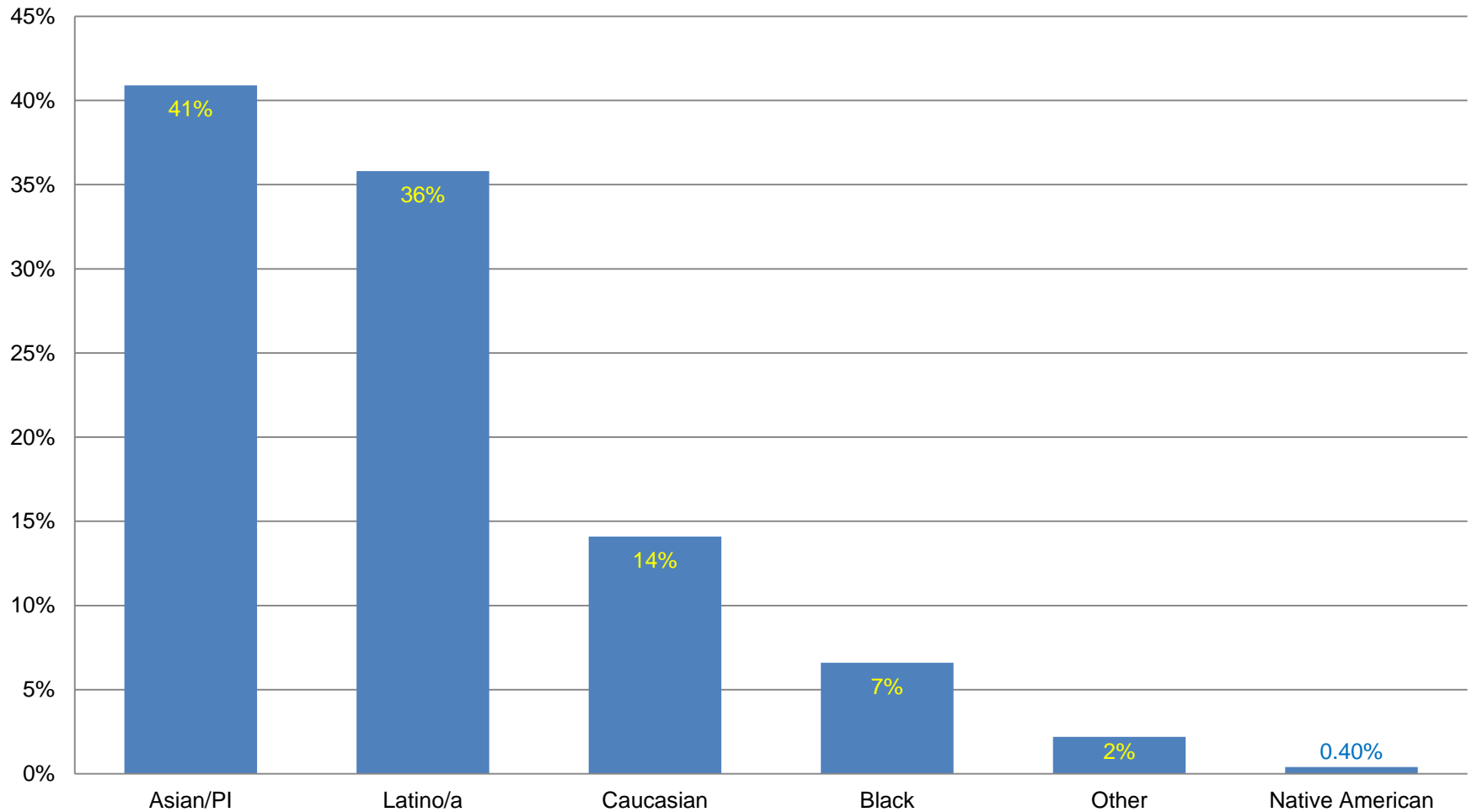


Winter quarter 2014

Gender Distribution



Student Racial-Ethnic Distribution



Winter quarter 2014

Socio-Demographic Profile

- › First-Generation College Students 56%
- › Low-Income Status 42%
- › Awarded Any Type of Financial Aid 86%
- › Awarded Need-based Financial Aid 79%
- › Living On Campus 32%
- › 2013 Freshman Living on Campus 70%

First Generation: Neither parent attended college.

Low Income: Self-reported parental income is less than or equal to \$30,000

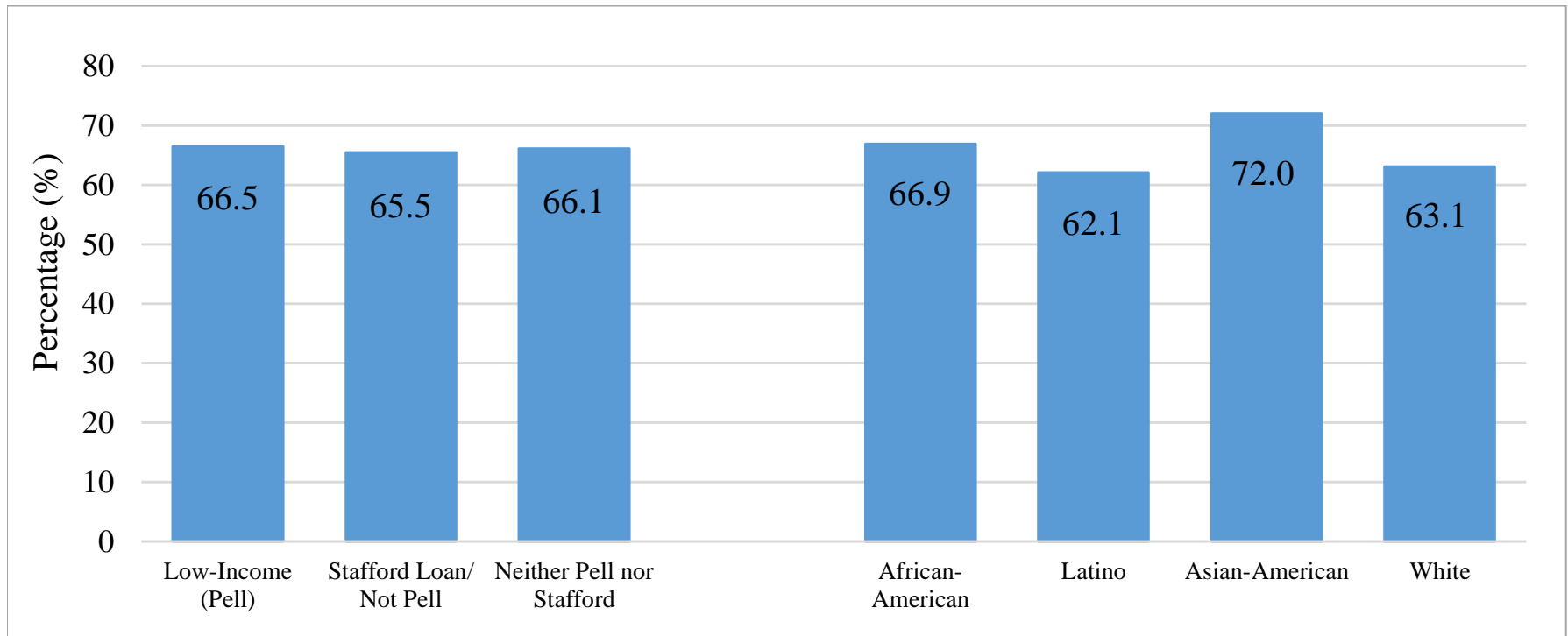
All data for third week winter 2014

Retention and Completion

- › One-year retention rate (2013 cohort) 89%
- › Two-year retention rate (2013 cohort) 80%
- › 4-year graduation rate (2010 cohort) 47%
- › 6-year graduation rate (2008 cohort) 68%

Amazing Graduation Rate Statistics

Figure 1: 6-Year Graduation Rates by Socio-Economic Status and Race-Ethnicity, 2006 Cohort



Source: Strategic Academic Research and Analysis (2013)

Teaching Challenges

- › 2013 Freshmen: Did not place into calculus 58%
- › 2013 Freshmen: Did not place into English 1A 64%
- › 2013 Freshmen: On academic probation 17%
- › 2013 Freshmen: Dismissed by end of year 7%
- › 2012 Undergrads: Completed $\frac{1}{2}$ or less of reading 15%
- › 2012 Undergrads: Class & study time < 20 hrs./wk. 19%

Content and Skills

- › You are the content experts.
- › General skills we hope to foster:
 - › Critical reading and interpretation skills
 - › Written expression skills
 - › Oral presentation skills
 - › Information evaluation skills
 - › Quantitative analysis skills

Teaching Excellence Basics

- ▶ Classroom participation is important, because it is strongly related to academic engagement.
- ▶ Very high standards learning environments are important, because students should be prepared to succeed in a demanding world.
- ▶ Unannounced reading quizzes are okay!

Effectiveness in the Classroom

- ▶ Setting and Teaching to Learning Objectives
- ▶ Clicker and Other Instructional Technology
 - ▶ More Information: Sheryl Hathaway (Computing & Communications)
- ▶ Interactive Engagement & Problem-based Learning as Alternatives to Lecturing
 - ▶ More Information: Ward Beyermann (Physics) & Jack Eichler (Chemistry)
- ▶ Use I-Learn Capabilities: Discussion boards, peer evaluation of writing, film clips...

Instructional Development

- › **First-Year Faculty Teaching Excellence Seminar (begins Sept. 30 – 4:10-5:30 p.m. – in 170 Surge)**
- › Mentoring opportunities through members of the Academy of Distinguished Teachers
- › Scholarship of Teaching & Learning lunches
- › Instructional Development Grants
- › Instructional Technology Grants

<http://academyteachers.ucr.edu/>

Conversations with Master Teachers

October 14, 2015
HUB 302
2:00 - 6:00pm

Among the Topics You Can Sample

- ▶ The Theatrics of Teaching
- ▶ Learning Objectives & Backward Design
- ▶ Crowd-Sourcing Data
- ▶ Using Visuals for Maximum Effect
- ▶ Clickers & Hooks
- ▶ Wikis, Blogs, & Social Media
- ▶ My Students Aren't Reading
- ▶ Just-in-Time Teaching
- ▶ Active Learning in the Science Classroom
- ▶ Leveraging Diversity in Teaching
- ▶ What Cognitive Science Tells Us
About Learning

Roundtables with Faculty Members

Steven Axelrod - Ward Beyermann - David Biggs - Steve Brint - Jim Burnette - Derek Burrill
Gabriella Canalizo - Jack Eichler - Kevin Esterling - George Haggerty - Sheryl Hathaway
Kelly Huffman - Nigel Hughes - Brad Hyman - Marsha Ing - Stu Krieger - Perry Link
Goldberry Long - Matthew Mahutga - Gene Nothnagel - Tim Paine - Rob Parker - Yat Sun Poon
Rebekah Richert - Larry Rosenblum - Robin Russin - Michele Salzman - Jason Weems

