New Faculty Orientation
Fall 2015

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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

- Pre-Business / Business Admin: 12%
- Biology: 9%
- Psychology: 6%
- Sociology: 4%
- Biochemistry: 4%
- Mechanical Engineering: 3%
- Economics: 3%
- Media and Cultural Studies: 2%

Winter quarter 2014
Gender Distribution

Male 49%

Female 51%

Winter quarter 2014
Student Racial-Ethnic Distribution

Winter quarter 2014

- Asian/PI: 41%
- Latino/a: 36%
- Caucasian: 14%
- Black: 7%
- Other: 2%
- Native American: 0.40%
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 ½ or less of reading 15%
- 2012 Undergrads: Class & study time < 20 hrs./wk. 19%

Note: the Calculus placement data is based on students who took the MAE only.
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

Gabriella Canalizo – Jack Eichler – Kevin Esterling – George Haggerty – Sheryl Hathaway
Kelly Huffman – Nigel Hughes – Brad Hyman – Marsha Ing – Stu Krieger – Perry Link