

Making Connections: Advising and Student Success

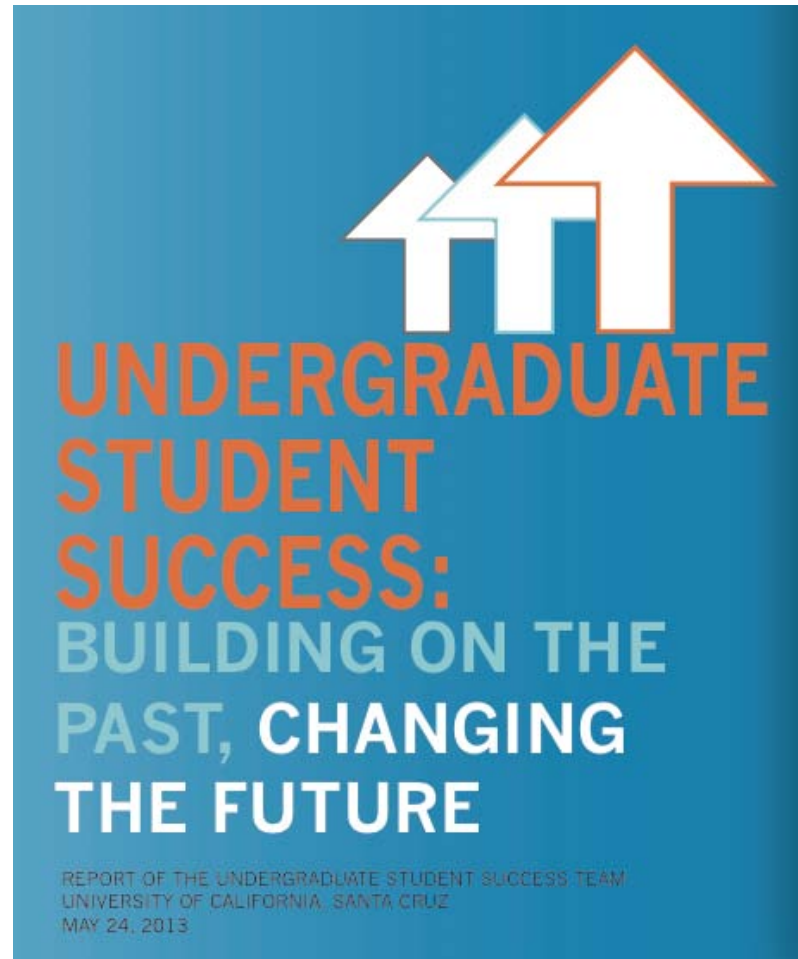


Jaye Padgett - Winter Advising Forum
February 13, 2014

5 for 2015 – Campus Provost/Executive Vice Chancellor Galloway has developed a set of five initiatives, targeted for completion by 2015, which focus on supporting student success:

- Increase retention rates for Undergraduate Students;
- Enhance academic pathways to allow students to graduate in four years or less;
- Prepare the campus to achieve Hispanic Serving Institution status (HSI);
- Financial Stability;
- Increase Non-Resident Student enrollment.

Great reading: Report of last year's Undergraduate Student Success Team!



My position:

Faculty Assistant to the EVC
(Retention & Time to Degree)

2-3 year term

“...charged with identifying and shepherding campus-wide reforms to improve retention, graduation, and time to degree while maintaining or improving equity and the quality of undergraduate education.”

- i) provide sustained attention on student success
- ii) help the many units that affect student success to coordinate, communicate.

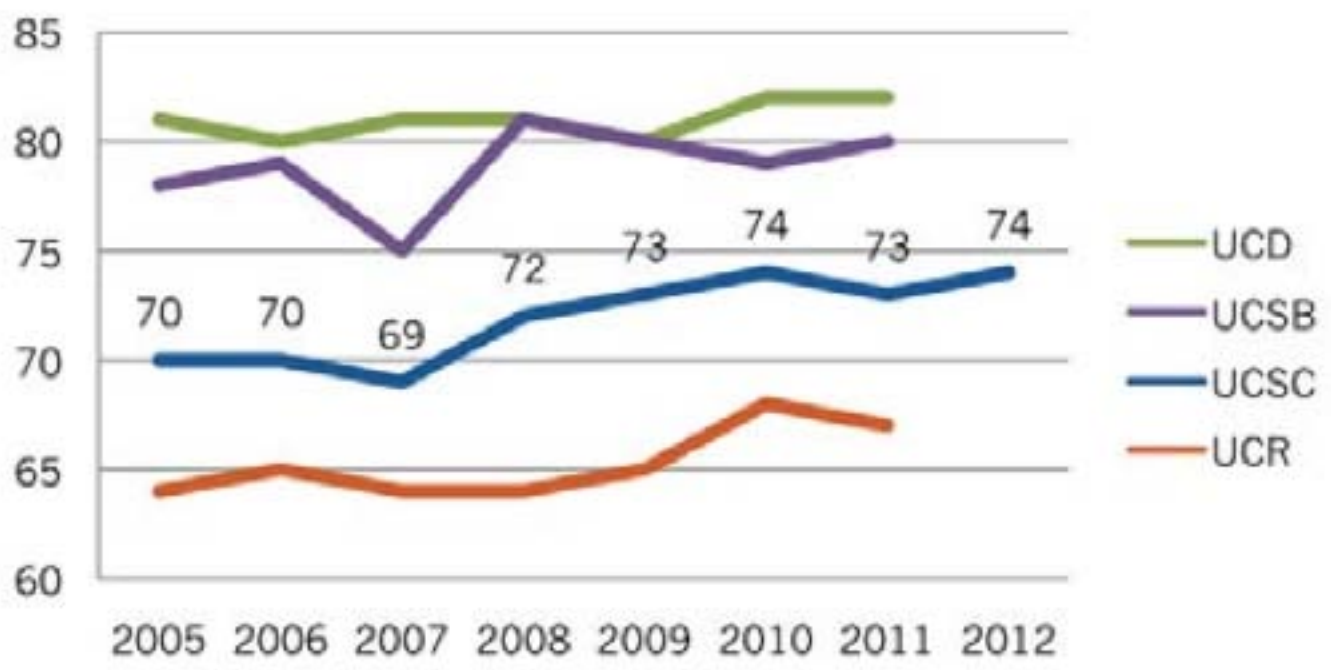
Why am I in front of you?

Relate some current facts about student success at UCSC.

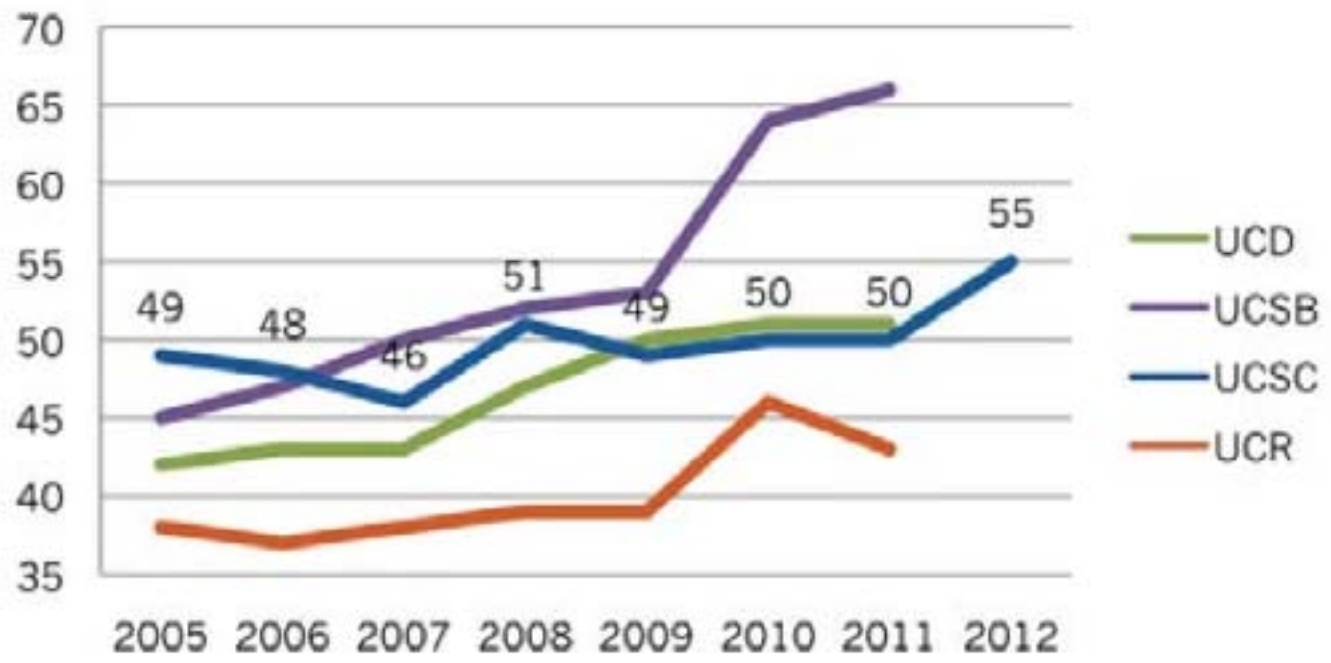
Air some initial ideas.

Invite your thoughts and participation.

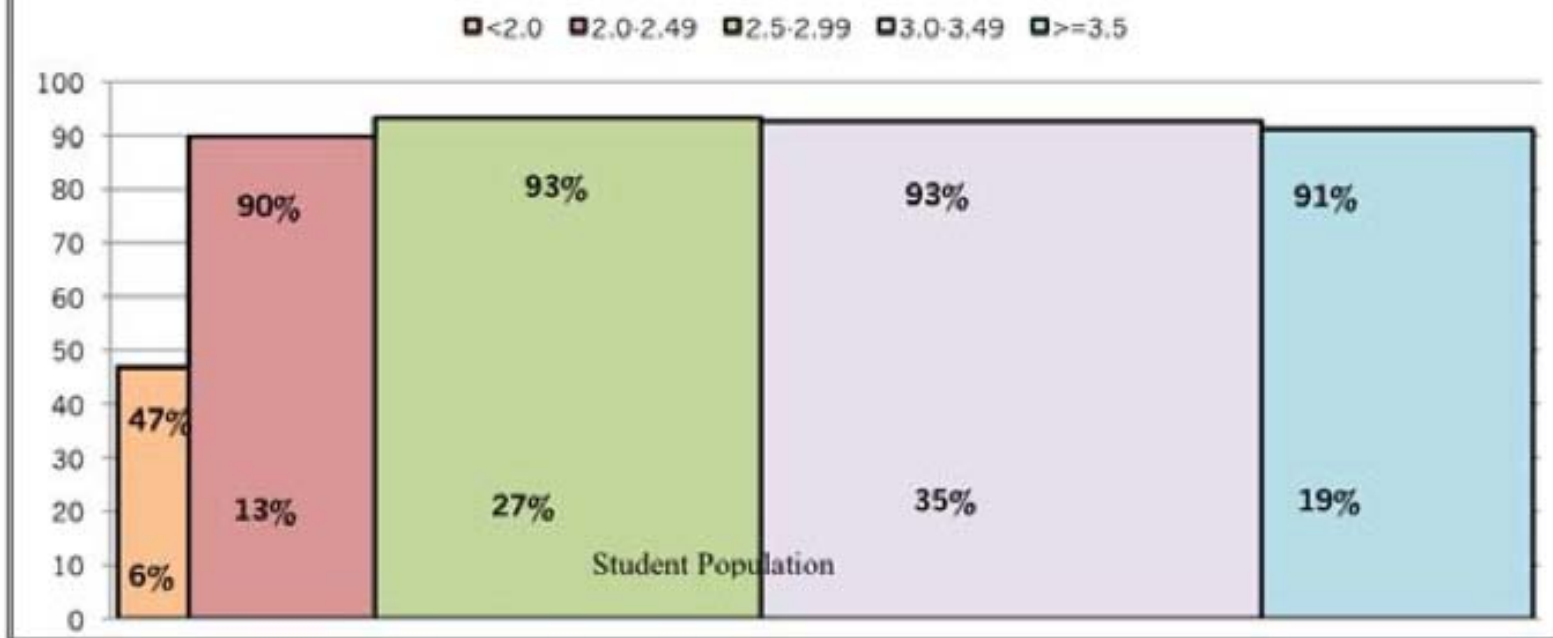
6-Year Graduation Rates



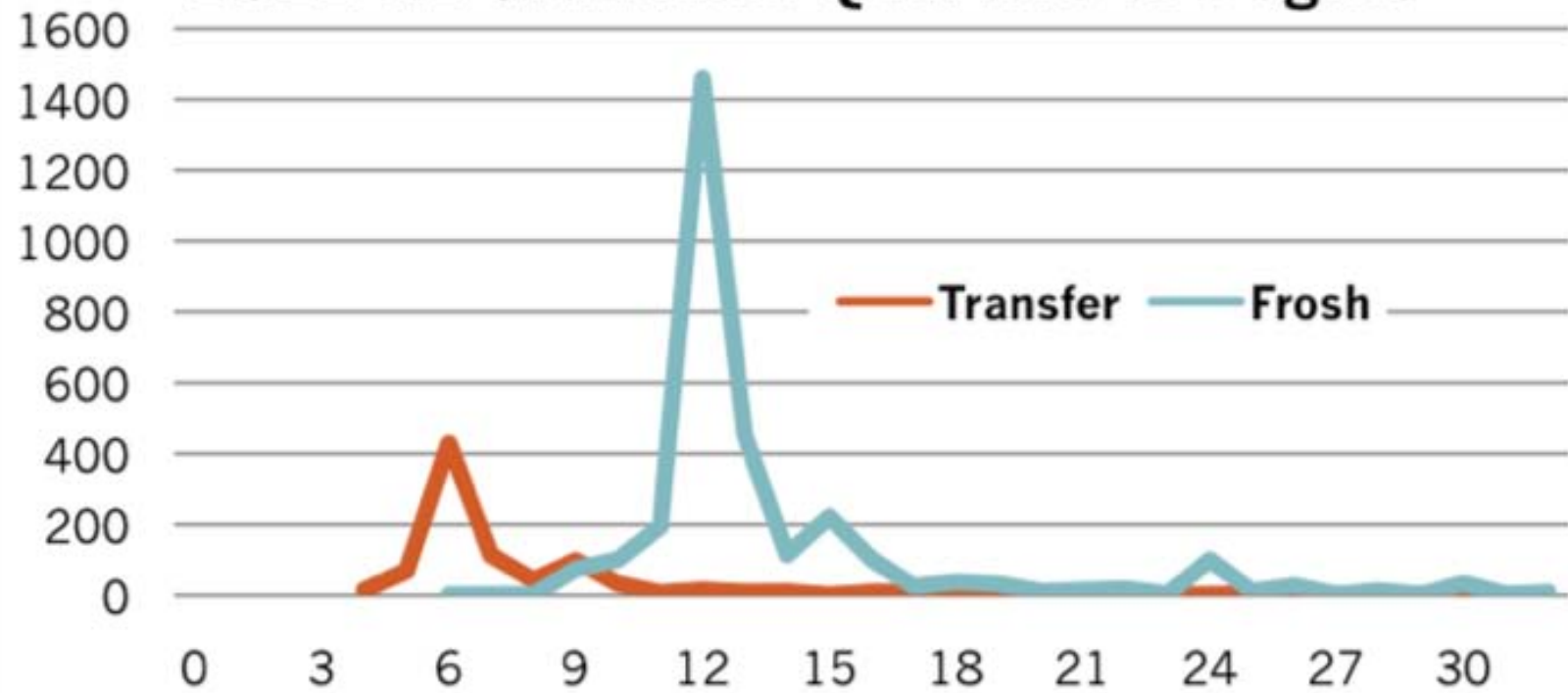
4-Year Graduation Rates



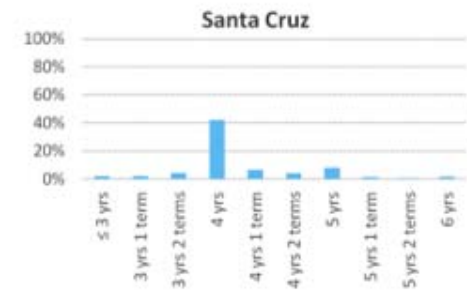
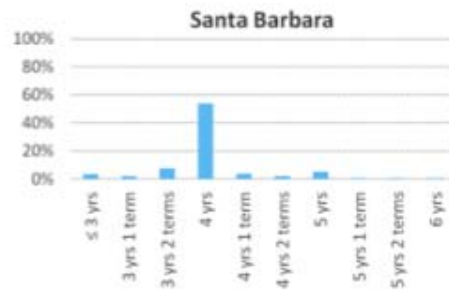
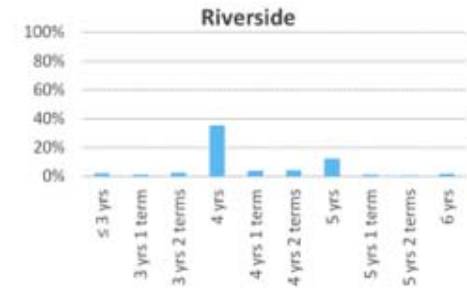
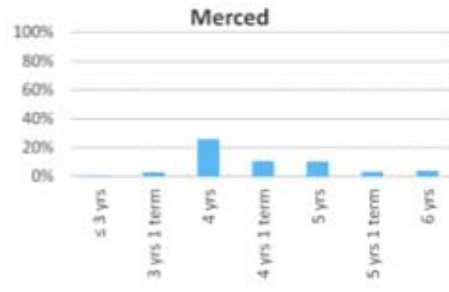
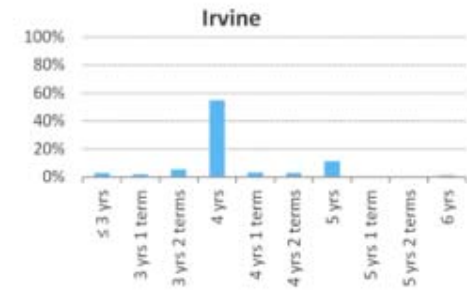
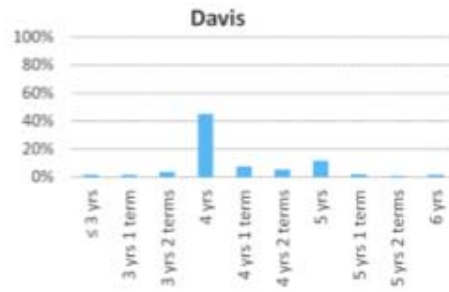
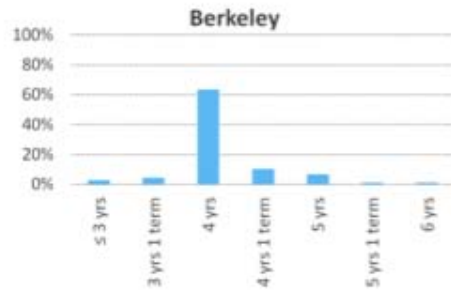
Year 1 to Year 2 retention rates by 1st year GPA range and proportional to the size of student population in each GPA range



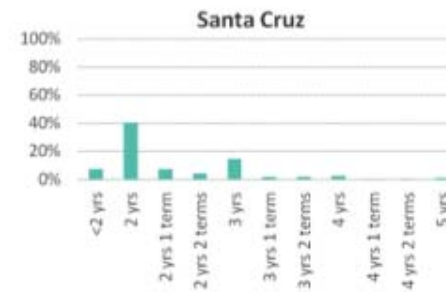
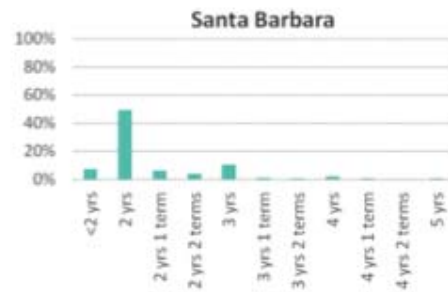
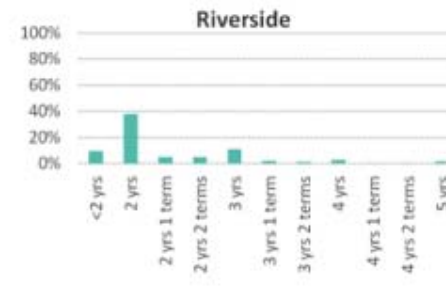
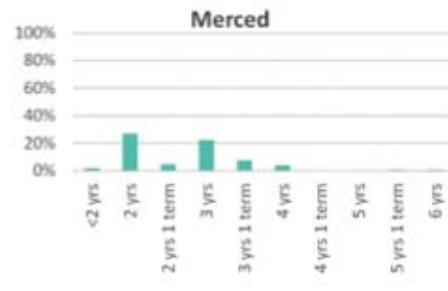
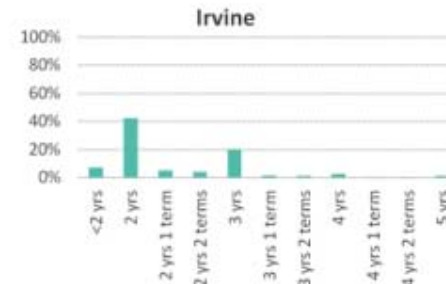
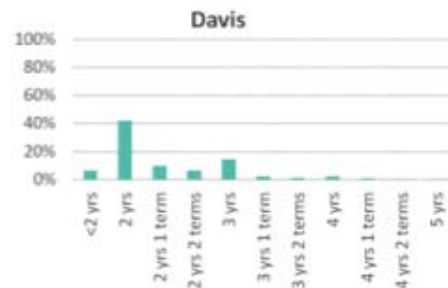
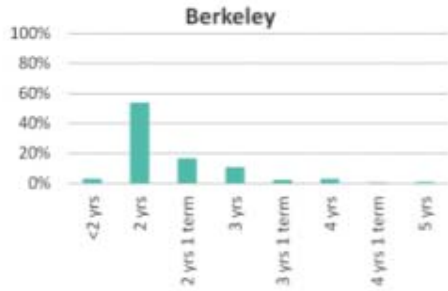
2011-12 Graduates Quarters to Degree



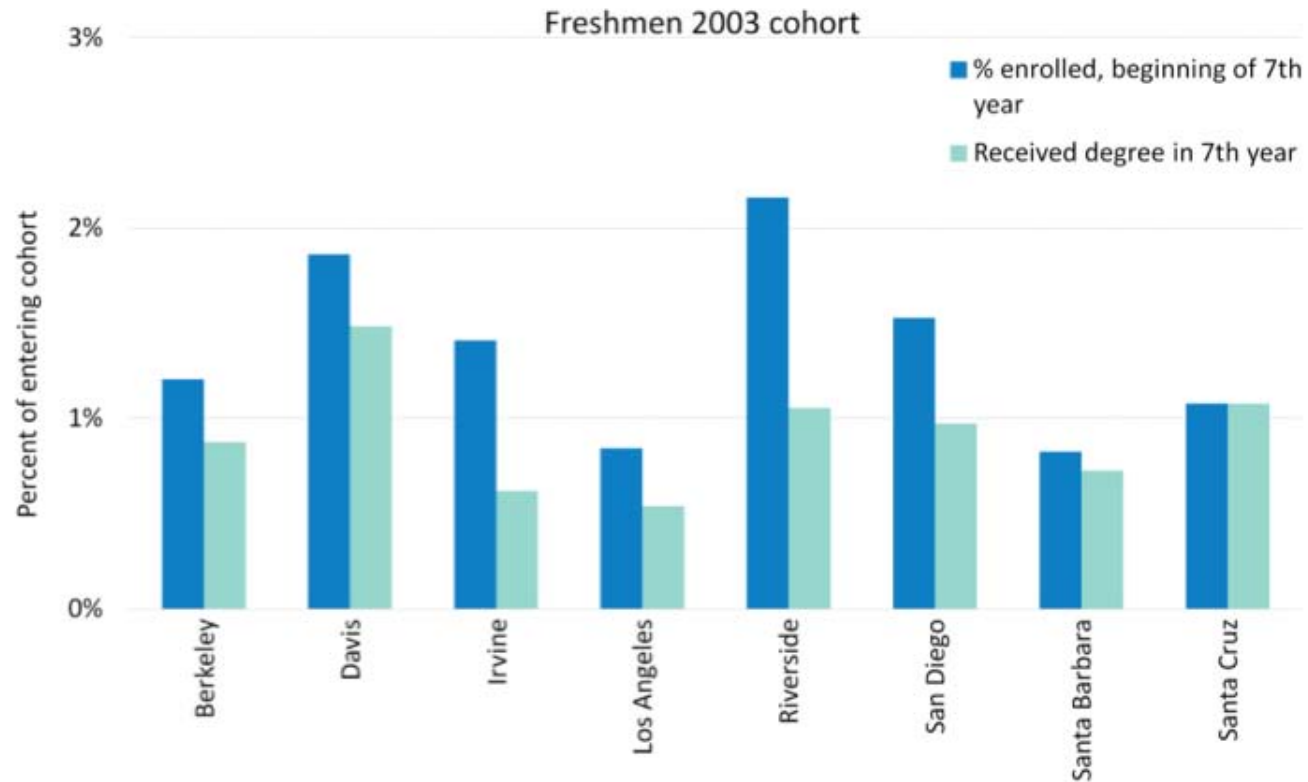
1C. Graduation term for fall 2006 entering freshmen



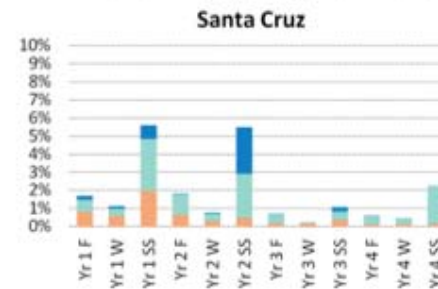
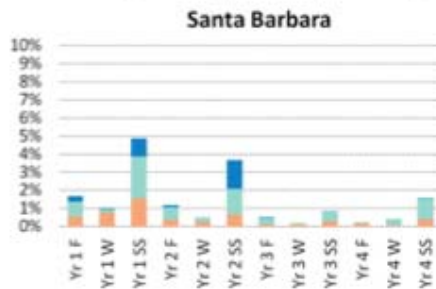
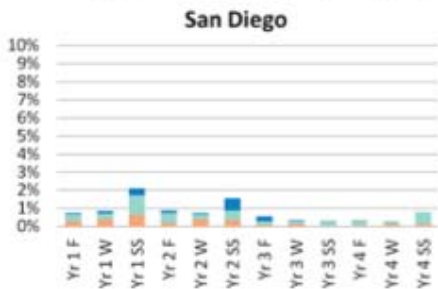
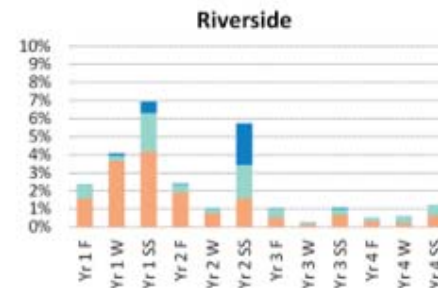
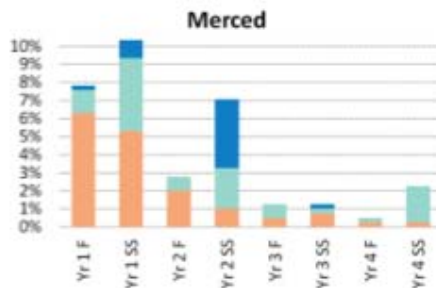
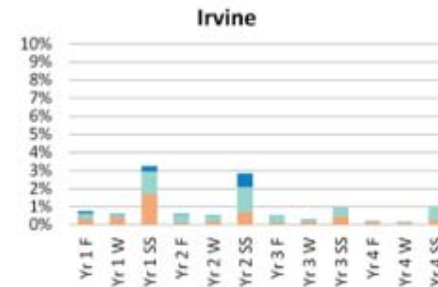
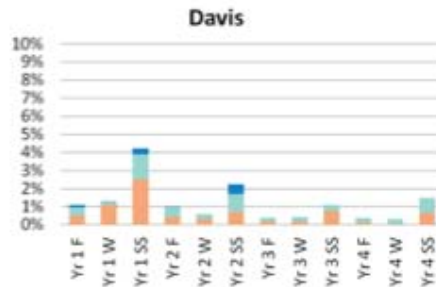
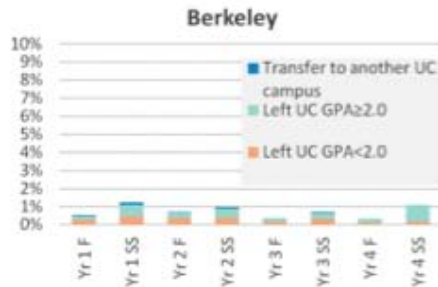
1D. Graduation term for fall 2006 entering transfers



1E. Few entering freshmen stay beyond 6 years

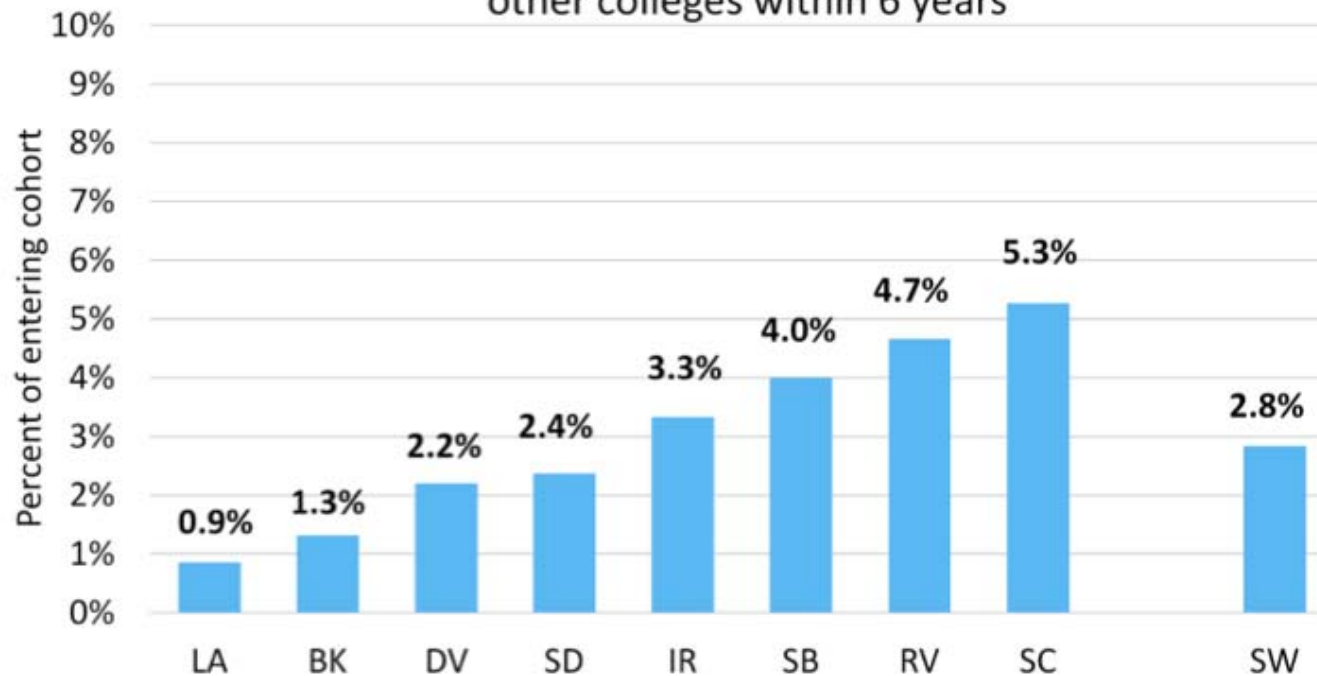


2A. Fall 2006 freshmen who left original campus without a degree: Status upon last enrolled term at original campus

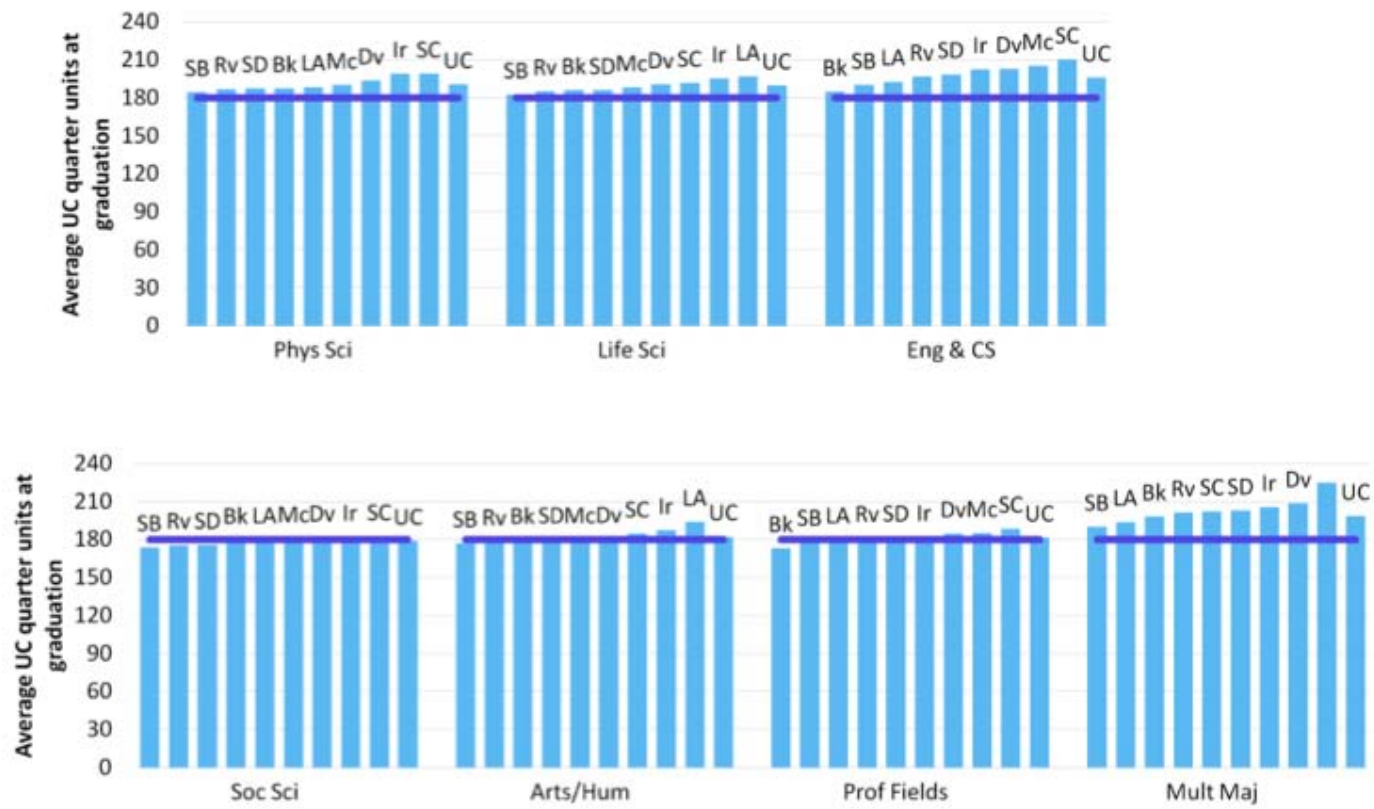


2E. Some students graduate outside the UC system

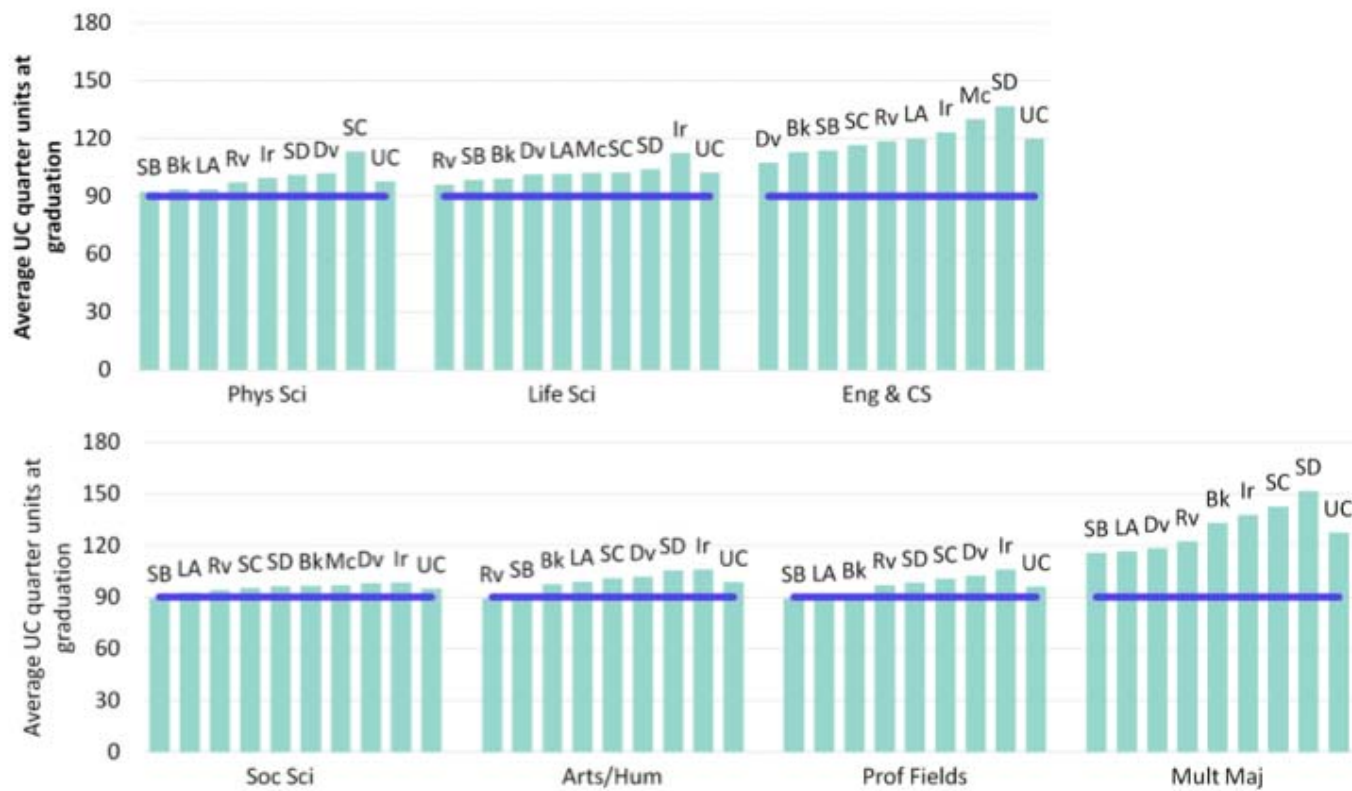
Fall 2000 entering freshmen who leave and graduate from other colleges within 6 years



3A. Of freshmen entrants, STEM & multiple-majors have slightly more UC units at graduation



3B. Of transfer entrants, STEM & multiple-major have more UC units at graduation



Some things that might make us feel better. (From Julian's Fernald's report to last year's USS Team)

“Using a statistical model based on national data... our graduation rates are somewhat better than the rates of other four year institutions that enroll similar students to ours.”

“Graduation rate gaps by race/ethnicity and by gender at UCSC have been narrowing, and the race/ethnicity gaps tend to be smaller at UC Santa Cruz than at most other UC campuses.”

“In recent years about seven to eight percent of freshmen entry cohorts graduated within six years from a four year institution other than UC Santa Cruz.”

What are we going to do?

A Student Success Steering Committee has been formed.

Includes the Advising Coordinator, a college preceptor, and a major/divisional academic advisor.

Its main job: triage and oversee the *implementation* of the many good ideas already on the table.

Major recommendations of the USS Team related to advising and advisors

Implement an early warning system [e.g., 3rd week of quarter] to notify students when they are in danger of failing in enough time to take corrective action.

[Then what?]

Major recommendations of the USS Team related to advising and advisors

Identify [early] students who will not be able to meet the qualification requirements for the intended majors.

Create a program to aggressively engage those students in career and major exploration to ensure they will be prepared for, and enthusiastic about, an alternate major before their major declaration deadline.

Major recommendations of the USS Team related to advising and advisors

Expand upper-division to lower-division peer mentoring.

Major recommendations of the USS Team related to advising and advisors

Provide resources for the implementation of systems that identify and monitor the most critical factors to student success, and gather data as well as provide regular feedback to stakeholders.

Predictive analytics

Suppose we could mine the wealth of data we already have in our records in order to better locate critical predictive milestones and use them to identify at-risk students.

Example:

Getting a 'C' in certain courses, though passing, might predict a low likelihood of success in the major.

A student who gets a 'C' in that course might think she's doing fine.

We might want to know about all those courses and have systems of intervention in place.

Suppose we could identify students in trouble in the 3rd week of the quarter.

The screenshot shows a dashboard titled 'STUDENTS' with a search bar set to 'Current List'. Below the search bar are two tabs: 'Work List (7)' and 'Reminders (1)'. A 'Show All' link is visible, and the text 'Displaying Students 1-7' is shown. The main content is a table with three columns: 'Student name', 'Cum. GPA', and '# of alerts'. A red banner labeled 'Needs Attention' is positioned above the first three rows of the table. The table lists the following students:

Student name	Cum. GPA	# of alerts
Adams, Nancy A ID: Y90354050 Major: Management	3.1667	4 new alerts
Consentino, Randy F ID: E25636458 Major: Management	3.2857	4 new alerts
Eveline, Marcy ID: V90323812 Major: Management	2.68	4 new alerts
Bruemmer, Trevet J ID: Y78678317 Major: Management	3.16	3 new alerts
Bragg, Marcus J ID: Y90354000 Major: Management	2.62	2 new alerts
Staley, Edward R ID: Y90353999	2.42	2 new alerts

Source:

Education Advisory Board
Student Success Collaborative

Or help students pick a major they can succeed in.

Major Matcher

Browse Majors (65) **Saved Majors (0)**

Majors sorted by college

College of Science & Math	College of Liberal Arts	College of Ed & Human Services	College of Business
● Biological Sciences	● Motion Pictures	● Early Childhood Education	● Financial Services
● Clinical Laboratory Science	● Spanish	● Rehabilitation Services	● Finance
● Earth & Environmental...	● French	● Middle Childhood Int Spec	● Supply Chain Management
● Science + Mathematics	● Design/Technology	● Teacher Education	● International Business
● Chemistry	● German	● Athletic Training	● Management
● Integrated Science	● Religion	● Career, Tech, Adult Education	● Marketing
● Mathemat			

Major Matcher

Browse Majors (66) Saved Majors (4)

Displaying 1-4 of 4

● Management		● Sociology		● Biology		● Economics	
Completed	Grade	Completed	Grade	Completed	Grade	Completed	Grade
MTH 129	C	ENG 101	A	MTH 228	C	EC 200	C
MTH 228	C	SOC 200	B	BIO 105	B	SOC 200	B
EC 200	C						
Predicted Courses	Difficulty For You	Predicted Courses	Difficulty For You	Predicted Courses	Difficulty For You	Predicted Courses	Difficulty For You
FIN 221	High	STA 223	Med	CHM 101	Med	EC 204	High
EC 204	High	SOC 202	Low	CHM 102	Med	EC 215	High
MGT 204	High	SOC 242	Low	BIO 106	Low	EC 205	Med
EC 205	Med	SOC 330	Low	BIO 210	Low	EC 278	Med
		SOC 334	Low	BIO 221	Low	EC 301	Low

Other ideas...

Major maps (Georgia State)

MAJOR MAP | B.S. in Chemistry

■ Pre-Medicine
■ Certification by the American Chemical Society

COLLEGE OF ARTS & SCIENCES

www.cas.gsu.edu/ugrad.html

Freshman

Sophomore

Junior

Senior

TAKE THE RIGHT CLASSES

GET GOOD ADVICE

APPLY WHAT YOU LEARN

CONNECT WITH PEERS

THINK GLOBALLY

PREPARE FOR LIFE AFTER GRADUATION

Areas A-E

Review core and other requirements in undergraduate catalog - catalog.gsu.edu

Take CHEM 1211K/1212K

Meet with your freshman advisor in the University Advisement Center - advisement.gsu.edu

Work throughout your college career with a faculty member on research projects and other major activities as a University Scholar Assistant. www.gsu.edu/es/apply_university_scholarships.html

Build relationships in your Freshman Learning Community - success.gsu.edu

Look into the benefits of also being a member of the Honors College - honors.gsu.edu

Take advantage of a Study Abroad course during Maymester or summer term. www.studyabroad.gsu.edu/

Area F

If considering this major take CHEM 1050 to explore this option before making a decision.

For declared majors, take PHYS 2211K/2212K.

Meet with your sophomore advisor in the University Advisement Center - advisement.gsu.edu

Participate in an activity that enables you to meet faculty, students, and staff from your major.

Explore ways to get involved in the community through the Office of Civic Engagement. www.gsu.edu/service/

Apply for position as a student assistant.

Join a study group or tutorial session.

Join the Chemistry Club.

Use your knowledge and gain experience working in the Center for Biotechnology and Drug Design.

Visit University Career Services. careers.gsu.edu

Area G

Try to complete all of the major requirements in your junior year.

Take junior CTW course, CHEM 4000: Fundamentals of Chemical Analysis.

Meet with your junior advisor in the University Advisement Center - advisement.gsu.edu

Meet with the department undergraduate director. www.cas.gsu.edu/ugrad_directors.aspx

Work with a faculty member by applying for Undergraduate Research Fellowship funding.

Make good use of the Chemistry Student's Corner page which provides a variety of useful information. www.chemistry.gsu.edu/Student/

Discuss careers and graduate or professional study with the department advisor and Career Services.

Review school offerings using Princeton Review or other online resource.

Finish all your major requirements and any minor or additional courses. Remember you must have at least 39 hours overall at the 3000/4000 level to graduate from GSU.

Take senior CTW course, CHEM 4160: Chemical Laboratory.

Meet with your senior advisor in the college Office of Academic Assistance.

Review your graduation audit with the department undergraduate director.

Look into gaining useful career experience through internships and/or working as a laboratory teaching or preparations assistant.

GRADUATION & BEYOND

ANALYTICAL: Research, Development, Analysis and Testing, Consulting, Environmental, Forensics

BIOCHEMICAL: Research, Development, Analysis and Testing, Consulting, Quality Control, Medical, Environmental, Industrial Health & Safety, Hospital Administration

ORGANIC: Research, Development, Analysis and Testing, Quality Control, Consulting

GEOCHEMISTRY: Environmental Remediation, Research & Development, Analysis and Testing

INORGANIC: Research, Analysis and Testing, Quality Control, Consulting

POLYMER CHEMISTRY: Research & Development, Analysis & Testing

PHYSICAL: Research, Development, Analysis and Testing, Quality Control, Consulting

EDUCATION: Teaching, Research, Administration

BUSINESS: Technical Sales/Marketing, Pharmaceutical Sales, Management, Banking/Finance, Advertising/Public Relations, Consulting, Industrial Quality Control, Research & Development

TECHNICAL WRITING: Proposals, Specification Manuals, Writing, Editing

LAW: Patent Agents, Patent Attorneys, Legislator/Lobbyist

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Department of Chemistry | Location: 380 Petit Science Center | Phone: (404) 413-5500 | www.chemistry.gsu.edu

Integrate some of academic and career advising?

Your ideas...?

I'd be happy to come to other advising meetings, or talk to any of you individually.

Please get in touch!

padgett@ucsc.edu