

GOAL 3. ADVANCING GRADUATE EDUCATION

The university will bolster graduate programs by building on dramatically increased grant support from federal and state agencies and foundations, aggressively recruiting graduate students and innovatively addressing faculty workload issues. A key to success will be creating appropriate space for graduate instruction, learning research and interaction among students, faculty and community partners. The university also will develop additional doctoral programs.

Recruit graduate students aggressively and increase graduate student enrollment in selected programs.

- The Graduate Augmentation Plan provided \$135,000 to support the recruitment of new graduate students. Twenty tuition waivers were provided to new students.
- The number of new graduate students increased 27% from the previous year with total graduate enrollments and FTE up almost 10%. In the last three years, total enrollment grew 25%.
- Rehabilitation Counseling obtained 3 new Long Term Training grants for \$1.75 million for five years that will fund at least 30 scholarships a year.
- Rehabilitation Counseling obtained three contracts from CalWORKS, California Department of Rehabilitation, and the Social Security Administration which fund three clinics in which students receive hands-on supervised training.
- The College of Arts and Humanities has increased funding for graduate assistantships and graduate teaching associates which has improved the quality of graduate students.
- CAST Graduate recruitment has been enhanced by the addition of the Harvey Scholarships. The college awards two or more \$18,500 scholarships to top graduate students applying to any program in the college. Based on merit, the scholarships are renewable for one year.
- Physical Therapy used a new national application process (PTCAS) which increased our pool of applicants to over 200; however the actual pool of *eligible* applicants (GPA 3.0, etc) remained approximately the same.
- College of Science and Mathematics faculty have made recruitment visits to other CSU campuses to give colloquium talks and to recruit undergraduates from these schools to graduate programs.
- The Psychology Department interviewed potential graduate students and provide them with an opportunity to meet current graduate students and have lunch.
- In the Kremen School, a year of active recruitment led to new school district-wide cohorts. Counseling and Rehabilitation FTES grew 36% and new admits doubled.
- Social Work has reached out to county agencies for students and used stipend programs provided by Title IVE and Mental Health Services Act monies as an incentive.

Develop and fund additional masters degrees and selected new doctoral programs in support of regional needs

- Preliminary discussion on the doctorate in Nursing Practice continues to gain momentum at the state level and we are considering offering this degree.
 - A new certificate of advanced study “Psychiatric Mental Health Nurse Practitioner training” was developed.
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- Initial research to investigate the development and proposal for an MFA in Interior Design was undertaken.
- The Certificate of Advanced Study in Educational Technology was re-launched in conjunction with the M.A. in Education–Curriculum and Instruction program, with at least a dozen students currently planning to earn the certificate.
- Efforts are underway to secure a Doctorate of Nursing Practice (DNP) degree program. As authorization legislation moves through the State Legislature, the nursing department continues to develop plans for a doctoral curriculum, faculty and plan.
- Efforts to create a Criminology Joint Doctorate were suspended due to the budget crisis.
- Development of a Professional Master’s Degree in Forensic Science-a joint effort of the College of Social Sciences and the College of Science and Mathematics-was completed.

Address faculty work-load issues and increase support for graduate teaching and advising

- The Graduate Augmentation Plan included \$197,867 in support for the graduate faculty. Funded activities included assigned time for faculty, research, recruitment activities, curriculum development, publication of a student journal, and professional development.
- All deans have been encouraged to provide assigned time for each graduate adviser and, in almost all instances, this has been accomplished.
- Some Provost’s Assigned Time and Start Up Award Programs for increased research, enhanced instruction, and research-oriented start up funding to further reduce faculty teaching loads and accelerate advanced study and research were provided in the fall 2008.

Increase support for transformational scholarly activities, engagement and research, including funding for graduate teaching associates and research assistantships

- Enhancement Awards funded graduate assistants (\$57,668).
- Tuition Waivers more than doubled in Fall 2008-2009 over Fall 2005.
- Other awards, fellowships and scholarships distributed by the Division of Graduate Studies totaled \$130,882.
- The Office of Research and Sponsored Programs provided assistance in planning and proposal preparation for a new RISE program and a pledge of support for one RISE graduate student over a four-year period for a total financial commitment of nearly \$70,000. The office also planned and administered the CC Research Symposium which provided an opportunity for 69 Fresno State and other California graduate students to share the results of their research with peers, faculty and professionals
- The College of Science and Mathematics strongly advises all grant applicants to include funding for graduate student support. The College ran a competition for faculty sponsored student research awards (majority are for graduate students) - 69 awards were approved for a total of \$63,250. Unfortunately, before the money could be awarded, the current freeze took effect.
- A portion of the Lyles Gift to the College has been set aside as a component for strengthening graduate education with funds allocated for graduate student fellowships, research assistants and graduate coordinator release. In addition, the College is

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encouraging all programs with graduate programs to employ qualified students as teaching assistants for lab courses.

- A multi-year \$100,000 annual gift to the Department of Electrical and Computer Engineering is intended to support applied research projects which will help support graduate efforts.

Focus on linking research, scholarly activity, and student experiences to regional issues

- From Spring 2006 to Fall 2008, there have been 80 theses produced by graduate students that involved research in areas of regional interest.
- Two kinesiology graduate students have been directly involved in projects associated with the Central California regional Obesity Prevention Program.
- Social Work students assisted the San Joaquin Valley Partnership in their work on the Methamphetamine Recovery Project; Policy Brief on Poverty Reduction; and an analysis of allocation formulas used by the State to support Central Valley initiatives.
- The MSTI grant has focused on increasing the numbers of math and science teachers.
- The School Counseling credential program cooperated in obtaining a seed grant from the City of Fresno and from the Steward Foundation to launch the College Place in the Manchester Center. 10 MBA students were placed in internships with the local community. Graduate students in the College of Science and Mathematics completed internships at Dow AgriSciences, Children's Hospital of Central California, Dried Fruit Association of California, Constellation Wineries in Madera, Phytogen in Corcoran, HMC Marketing in Kingsburg, Genetech San Francisco, Biopharm Inc., Philadelphia, USDA-ARS-Fresno, USDA-ARS-Pullman, the California Bureau of Forensic Services crime laboratory,
- A long-term, large-scale project was conducted (via a CSM MS student project) through the King's River Conservation District.
- Two CSM graduate students completed MS research at the USDA laboratory in Parlier. Others are working with Monterrey AgResources, CERN, the Stanford Linear Accelerator Center, the Sierra Remote Observatory, and on mine reclamation in the Sierra Nevada in partnership with the USDA. Psychology graduate students are participating in practicum placements in Fresno County and King's County School Districts, and the Central California Autism Center has entered into a relationship with the UCSF Medical School Fresno site to provide a placement for pediatric residents.
- Sports Administration has developed internships with local high schools, community colleges and minor league teams. Physical therapy students are working with low income housing units.
- In the Kremen School, students are working with school districts and non-profit organizations to evaluate and improve reading instruction, improve writing instruction, offer science teachers professional development, provide mathematics content and pedagogy instruction, develop cooperative skills among children, and provide counseling services.

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Initiate improvements that promote a graduate culture on campus to include creating appropriate space for graduate instruction, learning research, and personal interaction

- A Taskforce on Graduate Culture was appointed and will complete its work and make recommendations appropriate for this campus this spring.
- DGS supported faculty requests for research assistants in the fall 2008, through the Graduate Faculty Enhancement Awards.
- The Madden library identified a liaison for the Division of Graduate Studies, provided group and individual study spaces specifically for graduate students within the Library, designed and offered two library research clinics and software workshops for grad students, and hosted the annual Graduate Student Research Symposium
- McL 277A is available for graduate students in the departments of Public Health, Nursing and Physical Therapy.
- Classroom renovation in the University Business Center (UBC) will create an exclusive, executive-styled classroom for the EMBA program.
- The Research Infrastructure award for Minority Institutions (RIMI) from NIH funded the refurbishment of two research laboratories where graduate students will engage in cutting edge, biomedical research.
- A donation of research space by APPL laboratories will allow graduate students interested in molecular biology to conduct research in a state-of-the art facility.
- The Department of Mathematics made PB 428 available for graduate students
- Chemistry converted a 12 student capacity lecture room, rarely used, to a new biochemistry graduate lab.
- The Department of Earth and Environmental Sciences is creating new graduate space as part of the remodel of Science II, Room 118.
- The Kremen School has 16 cohorts being offered at off campus sites to attract more students and to free up on-campus space.

Promote collaboration between Academic and Student Affairs to ensure timely, efficient, and student-friendly graduate admissions and advancement to candidacy procedures; and develop additional graduate student services.

- The DGS staff and Deans meet regularly with Graduate Domestic and International Admissions personnel to discuss implementation of policy and the streamlining of processes. A number of improvements to processes and business practices have occurred and greatly streamlined the admission process.
- An online Petition of Advancement to Candidacy form with preprinted information for each program has been developed.
- CIS is working to develop a “roadmap” type program for graduate students to further automate programs of study for graduate students.
- The Division of Graduate Studies held a total of twenty-three free workshops for graduate students on various topics and 20 for graduate faculty.
- The Graduate Division has been working closely with Career Services as they expand their services to graduate students.

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- Each of the doctoral proposals thus far and in the future are being asked to incorporate consideration of library needs in their proposals, including dedicated funding to guarantee that the Madden collection can support doctoral research.
- The Office of Research and Sponsored Programs initiated developmental efforts with the Office of Graduate Studies and the Henry Madden Library to plan a major program to significantly expand services for graduate students.

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