

College Academic Planning Template (modified 5/21/09)

Divisional Goals	College Strategic Directions	Actions	Indicators of Progress
<p>Goal 1: We will advance excellence in teaching, learning, and scholarship using our polytechnic learn-by-doing-approach</p>	<p><u>Synthesized Directions</u></p> <p>(1) Modernize and enhance laboratory and field-based courses to promote the learn-by-doing approach to teaching.</p> <p>(2) Enhance interdisciplinary curriculum development by encouraging interactions between departments and colleges.</p> <p>(3) Enhance and foster support for faculty scholarship that engages students.</p> <p>(4) Develop an equitable faculty workload plan that is consistent with the Teacher/Scholar model.</p>	<p><u>Synthesized Actions</u></p> <p>1a. Invest in up-to-date technology and laboratory / field equipment.</p> <p>1b. Hire new faculty w/ applied hands-on teaching expertise in classroom, laboratory, and field settings.</p> <p>1c. Compare laboratory and field emphasis and available technology/field equipment with peer institutions.</p> <p>1d. Get new Science Bldg. on Master Plan, designed with most modern approach to making things functional, including science library within the College.</p> <p>1e. Seek resources for laboratory, infrastructure and space needs.</p> <p>1f. Enhance and foster support for curriculum and laboratory development (funding for assigned time, supplies, equipment, etc.).</p> <p>2a. Develop policies that promote</p>	

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		<p>interdisciplinary courses and scholarly activities</p> <p>2b. Support joint appointments, cross-listed and co-taught courses, flexible curricula and new minor programs.</p> <p>2c. Encourage double majors and multidisciplinary research projects.</p> <p>3a. Encourage grant writing activities through assigned time and staff assistance.</p> <p>3b. Augment level of support for faculty and student travel.</p> <p>3c. Develop, implement and actively promote graduate programs.</p> <p>3d. Enhance and foster support for research with students (funding for supplies, equipment, etc.).</p> <p>3e. Promote and track student presentations at professional conferences.</p> <p>3f. Incorporate faculty participation in fundraising and outreach activities.</p> <p>3g. Use student research in teaching pedagogy to enhance curriculum.</p> <p>4a. Work toward implementation</p>	
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		<p>of a College-wide 9-3-3 model. 4b. Develop an assigned time plan and priorities consistent with the existing CSU policy. 4c. Perform comparative faculty workload analysis within other CSU College of Sciences.</p>	
<p>Goal 2: Strengthen our diverse, learning –centered community to enhance interactions and embrace the future</p>	<p><u>Synthesized Directions</u></p> <p>(1) Encourage faculty and student participation in department, college and university level colloquia, seminars and forums, thus promoting scientific awareness on campus.</p> <p>(2) Encourage interactions between departments and colleges by joint appointments, cross-listed and co-taught courses, flexible curricula, new minor programs, and multidisciplinary research projects.</p> <p>(3) Promote a progressive curriculum that focuses on strategic growth areas.</p>	<p><u>Synthesized Actions</u></p> <p>1a. Promote in inter-college colloquia and other events. 1b. College-wide dissemination of scholarship via college forums and website. 1c. Foster student collaborative forums/seminars, including a College-wide seminar class. 1d. Utilize our outdoor and indoor spaces to create an inspirational learning environment.</p> <p>2a. Encourage faculty to apply for interdisciplinary funding. 2b. Facilitate mechanisms for creating joint appointments between Colleges and Departments. 2c. Establish micro-centers of interest to faculty from different</p>	

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		<p>Colleges.</p> <p>2d. Support curriculum tracks with cross-disciplinary emphases.</p> <p>2e. Promote interactions between student clubs across disciplines.</p> <p>3a. Hire new tenure-track faculty in strategic growth areas.</p> <p>3b. Survey industry employers and alumni to gauge future growth opportunities and hiring trends.</p> <p>3c. Enhance marketing and promoting for the strategic growth areas.</p>	
<p>Goal 3: We will deepen our engagement in the multiple communities we serve-our city, our region, our state, our nation, and our world</p>	<p><u>Synthesized Directives</u></p> <p>(1) Encourage national and global engagement through research and teaching collaborations with collaborators from other states and countries.</p> <p>(2) Engage students and faculty in active learning pedagogies including undergrad research, study abroad, community-based learning, and internships.</p> <p>(3) Enhance the student pipeline by fostering sustainable connections with K14, industry, and alumni for better recruitment, placement, and constructive feedback.</p>	<p><u>Synthesized Actions</u></p> <p>1a. Increase student and faculty activities that address global challenges that touch on natural sciences.</p> <p>1b. Promote international programs with faculty input and design.</p> <p>1c. Promote international outside expert collaborations.</p> <p>1d. Recruit outside speakers to promote global importance of science disciplines.</p> <p>1e. Promote faculty presentations to public and to local professional</p>	

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		<p>organizations.</p> <p>1f. Increase funding for national AND international travel support for faculty and students.</p> <p>2a. Use student research in teaching pedagogy to enhance curriculum.</p> <p>2b. Encourage and track number of student interns with industry.</p> <p>3a. Maintain compilation of current employment opportunities.</p> <p>3b. Establish connections between alumni relations and student recruitment divisions on campus.</p> <p>3c. Encourage outreach programs with local community colleges, secondary schools, and grade schools</p> <p>3d. Promote collaborations and faculty consulting with industry partners.</p> <p>3e. Improve alumni database for outreach activities.</p> <p>3f. Improve departmental and college websites to disseminate information/news to the community for better outreach.</p> <p>3g. Encourage alumni participation in on-campus career</p>	
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California State University, Pomona
College of Science Meeting
April 24, 2009

Synthesized List of Directives
Facilitators: *Mogul, Alex, McCauley, Polet*
CoS Strategic Directions 2009 Committee:
Mogul, Raheja, Nourse, Mireles

		symposia or career fairs. 3h. Conduct meetings with alumni advisory boards. 3i. Expand fundraising efforts.	
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