

College Academic Planning Template (05/13/09)

| Divisional Goals | College Strategic Directions | Actions | Indicators of Progress |
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| <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>2a. Develop policies that promote interdisciplinary courses and scholarly activities</p> <p>2b. Support joint appointments, cross-listed and co-taught courses,</p> | |

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| | | <p>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 of a College-wide 9-3-3 model.</p> <p>4b. Develop an assigned time plan and priorities consistent with the existing CSU policy.</p> | |
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| | | 4c. Perform comparative faculty workload analysis within other CSU College of Sciences. | |
| <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 Colleges. 2d. Support curriculum tracks with</p> | |

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| | | <p>cross-disciplinary emphases. 2e. Promote interactions between student clubs across disciplines.</p> <p>3a. Hire new tenure-track faculty in strategic growth areas. 3b. Survey industry employers and alumni to gauge future growth opportunities and hiring trends. 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. 1b. Promote international programs with faculty input and design. 1c. Promote international outside expert collaborations. 1d. Recruit outside speakers to promote global importance of science disciplines. 1e. Promote faculty presentations to public and to local professional organizations. 1f. Increase funding for national</p> | |

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| | | <p>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 symposia or career fairs.</p> <p>3h. Conduct meetings with alumni</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

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| | | advisory boards. 3i. Expand fundraising efforts. | |
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