

**Statement of Interest for Chair, Curriculum and Research**  
**Stacy Gleixner, Professor of Biomedical, Chemical, and Materials Engineering**

The heart of a university is its curriculum and its research. They are the foundation of student learning, the means through which a university advances basic knowledge, and the mechanisms through which faculty develop professionally. Maintaining high quality curriculum and research is challenging even in good times. In these current budget times, the traditional means of curriculum development and research become complicated by limited financial resources, large class sizes, and heavy faculty workload. The Curriculum and Research committee is a key component in ensuring the quality of SJSU's programs and courses is maintained as the University explores different means of teaching, such as expanded online courses and special session offerings. Also, C&R must be a strong voice for SJSU to continue to allocate resources in support of research and scholarly activity.

The development and assessment of curriculum and the facilitation of research are complex issues where input from many stakeholders must be considered. Through a breadth of different service opportunities, I have developed a foundation of skills and knowledge that allow me to lead C&R in an organized way such that the committee gets meaningful input from all stakeholders and can make thorough and educated decisions. My relevant service opportunities include:

- Member of the Academic Senate Executive Committee, Chair of Instruction and Student Affairs Committee (May 2009 – May 2012)
- College of Engineering Representative to the Academic Senate (May 2008- present)
- Associate Chair of the Biomedical, Chemical and Materials Engineering Department (August 2008 – present)
  - In this role, I manage the curriculum and assessment issues for the B.S. and M.S. materials engineering degrees.
  - I am also Graduate Coordinator for the Chemical and Materials Engineering Department (January 2005 – present) and program coordinator for two off-campus M.S. degrees so I am fully aware of the complexities of curriculum issues for graduate students and off-campus degree programs.
- Director of a University Organized Research Unit (ORU): Microscale Process Engineering Center (August 2007- present)
- Member of University's Graduate Studies and Research committee which reports to C&R (August 2008- May 2009)
  - College of Engineering's Graduate Studies Committee (August 2006 – present) and Undergraduate Studies Committee (August 2003- May 2005)
- Advised 50 Master's students and 13 undergraduate in research thesis and projects