ACTION PLAN FROM PROGRAM REVIEW AND PLANNING
San Jose State University
College of Science
Department of Mathematics and Statistics
June 11, 2014

1. Submit program review of GE courses in the department.
2. Take steps to advance assessment of student learning, specifically to update program goals and learning outcomes and to continue to advance and improve assessment methodologies.
3. Continue to build upon current efforts to manage enrollment and improve graduation rates in both undergraduate and graduate programs and come up with a plan to improve rates across the department.
   a. For the graduate programs, explore effectiveness of introducing a comprehensive exam option, streamlining curricula to remove obstacles and to have more similar requirements to comparable graduate programs, and tailoring paths to degree for common placements upon graduation such as industry, community college instruction, or further graduate study.
   b. For the undergraduate programs, explore effectiveness of instituting probation in the major, and increasing motivation and engagement of majors in the freshman year through a first-year experience or equivalent.
4. Continue efforts to increase student success. Work with the AVP of Institutional Effectiveness and Analytics to identify courses with high failure rates and continue to track and explore improvements. Work with the AVP of Faculty Development on best practices, resources, and/or training on effectively teaching large lecture sections.
5. Work with Dean to develop a plan to realize the vision of an updated, 21st century math lab, which would benefit the department and the university as a whole.
6. Continue to work with Dean to hire tenure-track faculty based on the trends of increasing student enrollment and decreasing faculty staffing over the past five years.
7. Next Review is planned for Fall 2018.

By signing below, we agree to the action plan outlined above.

Bem Cayco
Chair of Mathematics and Statistics

Michael Parrish
Dean - College of Science

Andy Feinstein
Provost and VP Academic Affairs