I. Minutes: The minutes of March 5 and March 12, 2013 were approved as presented.

II. Communication(s) and Announcement(s): none.

III. Reports:
   A. Academic Senate Chair: Rein reported that Cal Poly has a plan in place to implement online course evaluations. IT will collaborate with a task force, composed of one faculty member from each college, in evaluating potential software vendors and help construct guidelines for implementation of online evaluations and how such data will be used in conformance with Academic Senate guidelines. Chancellor White will visit Cal Poly on May 1 and 2. The Academic Senate Executive Committee will meet with the chancellor on May 1. Faculty will have the opportunity to meet with Chancellor White and ask questions on May 2 during an open forum from 4-5:30 pm in Harman Hall.

   B. President’s Office: Kinsley reported that an open campus reception with Chancellor White will take place on May 2 from 3-4 pm in the PAC, followed by an open forum from 4-5:30 pm in Harman Hall. Chancellor White is visiting all 23 campuses; he has visited 5 campuses and will visit 2 more before May 1. President Armstrong held campus conversations with faculty, staff, and students during the month of April.

   C. Provost: Enz Finken provided a summary of the reorganization and changes to Academic Affairs positions. New positions include a Vice Provost for International, Extended, and Graduate Education and a Director of Graduate Education. The area of research, industry, and economic development has been divided. In addition, some positions have been eliminated and duties reconfigured resulting in a salary savings of $188,000. The review of RPT documents continues with many files demonstrating the fabulous teaching and research taking place. The CSU has chosen Cal Poly for a centers and institutes audit, which will produce reports that will be filed with the Board of Trustees. A committee has been created to address the allocation of funds to reflect the student credit hours that are actually taught in each college with respect to the new incoming freshmen. The desire is to have a formula that allows for the distribution of funds in the colleges where the students take classes.

   D. Vice President for Student Affairs: Humphrey reported that Student Affairs will be moving to strategic planning process over the summer and fall quarter and will be engaging faculty leadership for input. In addition, Student Affairs is exercising the option to address off-campus violations of student behavior that are chargeable under any federal, state, or local statute. This is an opportunity to conduct educational conversations with students regarding the impact of health and safety choices they make and how it impacts their academic success.

   E. Statewide Senate: Foroohar reported that the main issue discussed at the last Statewide Academic Senate meeting is the online program and Governor Brown’s allocation of $10 million. There is a major push in Sacramento to extend the offering of online courses and the availability of those courses to students. The CSU faculty is concerned about the quality of online courses and student success. Statewide Academic Senate continues to ask the Long Beach administration if a decision has been made with regards to quarter to semester conversion and the answer continues to be that no decision has been made.
Campuses who believe that their programs will be hurt if they are forced to reduced their units to 180 can submit a petition for exemption which is generated and approved at campus level. The problem is that some campuses are reporting that deans and provosts are not approving the petitions. LoCascio reported that State University Grants (SUGs) were discussed with Judith Heiman of the Legislative Analyst’s Office. The process is still not clear except that the CSU does not collect the $630 million that it calls SUGs. The cost of SUGs is spread out over all the campuses.

F. CFA Campus President: Thorncroft reported that some of the issues to be discussed at CFA’s spring assembly include quarter to semester conversion, 180-unit programs, pay, and health care.

G. ASI Representative: none.

IV. Special Reports: none.

V. Consent Agenda: CM 317 Sustainability and the Built Environment was approved.

VI. Business Item(s):

A. Election of Chair and Vice Chair for 2013-2014: Since Rein was the only faculty member who submitted a nomination for Academic Senate Chair and since no additional nominations were received from the floor, Steve Rein was reelected Chair by acclamation. Since Stegner was the only faculty member who submitted a nomination for Academic Senate Vice-Chair and since no additional nominations were received from the floor, Stegner was reelected Vice Chair by acclamation.

B. Resolution on Student Evaluations Policy (Instruction Committee): Stegner presented a revised resolution, which requests the approval of the Instruction Committee’s report, and that the Academic Senate permits colleges, programs, and faculty members to have the ability to design their own student evaluation questions. M/S/P to approve the resolution with the following amendments.

Line 25: teaching and course effectiveness; and that they may also include (1) college- and/or
Line 37: university-wide student evaluation questions in the future be subject to Academic Senate approval; and be it further
Line 52: summary measures that may be calculated, from these questions, is not
Line 57: may require the inclusion of student’s written comments to non-faculty generated questions in a faculty

C. Resolution on Conflict of Interest in the Assignment of Course Materials (Instruction Committee): Due to lack of time, this resolution was not addressed.

C. Resolution on Proposal for the Establishment of the Cal Poly Cybersecurity Center (Bik/Larson/Vakalis): Vakalis presented the resolution, which requests that the Academic Senate endorse the proposal for the establishment of the Cybersecurity Center. PowerPoint presentation is available at: http://www.academicsenate.calpoly.edu/content/meetings_calendar Resolution will return as a second reading item.

VII. Discussion Item(s): none.

VIII. Adjournment: 5:05 pm

Submitted by,

[Signature]

Gladys Gregory
Academic Senate
CYBERSECURITY

• Involves systems and practices to prevent and mitigate cyber attacks and cyber crimes aimed at global, national, organizational, or personal cyber spaces

• The National Infrastructure Protection Plan identifies cyber crimes and attacks as a leading threat to national security

• Government and industry experts estimate that we will need approximately “60,000 cybersecurity experts in the next three years” and that “There will be a shortage”
The Cybersecurity Center will provide Cal Poly students, faculty, and industry partners with 21st century cybersecurity pedagogical and research opportunities.

It will build on the multidisciplinary nature of the field of cybersecurity.

The Cybersecurity Center will be a non-partisan, self-supporting center governed by the highest principles of academic freedom.
Key Cybersecurity Center personnel (i.e., Director in collaboration with the faculty and industry Council for the Cybersecurity Center) will work with Cal Poly Advancement to partially fund the Cybersecurity Center.

Other funding will result from contracts, grants and participating industry partners.
IN THE NEWS: DIVERSITY OF HACKING ATTACKS

Is New York Times Hacking Just the Beginning?
by Sam Schultze | Feb 1, 2013 4:46 AM EST

Hackers in China breached the paper’s computers for months.

NATO cyberwar directive declares hackers military targets
Published time: March 19, 2013 21:08
Edited time: March 20, 2013 08:28

How Apple and Amazon Security Flaws Led to My Epic Hacking
BY MAT MONAN 08:06 DEC 2013 8:01 PM

Twitter hacked; 250,000 accounts affected
By Heather Kelly, CNN
Updated 10:09 PM EST, Fri February 1, 2013 | Filed under: Social Media

AT&T hacker jailed for three years for exposing iPad owners' email addresses
Andrew 'Wee' Auerhimeier sentenced after exploiting security flaw to reveal White House and military addresses

Charles Arthur, technology editor
guardian.co.uk, Monday 16 March 2013 15.01 EDT

YOU HAVE BEEN HACKED!

Hospital Hacked, Notifies 43K Patients
Joseph Goodwin
FEB 14, 2013 4:34pm ET

South Korea raises alert after hackers attack broadcasters, banks
SEYOUNG LEE, REUTERS
FIRST POSTED: WEDNESDAY, MARCH 20, 2013 03:45 AM EDT | UPDATED: WEDNESDAY, MARCH 20, 2013 03:58 AM EDT

China Accuses U.S. Of Hacking Military Sites
by SCOTT NEUMAN
February 28, 2013 12:06 PM
Cal Poly will partner with public and private organizations to develop programs and activities that will allow us to prepare and graduate cyber professionals.

**Initiatives underway:**

- Seeking advice on curriculum development (undergraduate and graduate)
- Raytheon Security Lab
- White Hats club
- Northrup Grumman Cyber Lab
CYBERSECURITY CENTER ACTIVITIES

• Grant writing for cybersecurity projects and research
• Cybersecurity workshops and conferences
• Cybersecurity competitions for students
• Advice on curriculum development
• Fund raising
Applied projects that will be implemented at the Cyber labs at Cal Poly
Innovative projects that can lead to commercialization of new technologies
Student internships in private, defense industries, and in government agencies
Fostering industry partnerships
Cybersecurity training
CYBERSECURITY SUBJECTS (PARTIAL LIST)

• Cybersecurity technical training (software, hardware, integration)
• Cybersecurity and infrastructure (i.e., electric grid, transportation)
• Cybersecurity and mobile technologies
• Cybersecurity and policy
• Cybersecurity ethics (responsibilities, crime, terrorism, warfare, etc)
• Management and oversight:

• Reports directly to Dean Larson (CENG)

• Works in concert with the “Cybersecurity Council” to ensure best practices are maintained, including highest principles of academic freedom and Cal Poly policies and practices

• Raise funds
GOVERNANCE, CONT.: CYBERSECURITY COUNCIL

• Comprised of Cal Poly faculty and industry specialists in cybersecurity

• Will advise the Director of educational and industry needs for ideal Cybersecurity Center activity planning

• (Initially, will be) Co-chaired by:
  -- Russell Bik, industry specialist, member of President Armstrong’s Cabinet;
  -- Ignatios Vakalis, Chair of the CS Department at Cal Poly

6/28/2013
CYBERSECURITY FACULTY & INDUSTRY

(Very Partial List)
Philip Nico
Franz Kurfess
David Janzen
Hisham Assal
Zachary Petterson (new hire)
EE colleagues
Partrick Lin