UNIVERSITY OF CALIFORNIA   **ACADEMIC SENATE**

UNIVERSITY COMMITTEE ON ACADEMIC COMPUTING AND COMMUNICATIONS
Monday, February 1, 2016
http://senate.universityofcalifornia.edu/committees/ucacc/

Minutes of Meeting

I.   Welcome & Agenda Review
Announcements
 David G. Kay, UCACC Chair

Chair David Kay let committee members know that today's meeting would focus on cybersecurity concerns that were primarily being expressed by UC Berkeley faculty and were starting to receive press coverage.

II. Consent calendar
Approval of meeting notes from November 16, 2015
Edits to the November 16, 2015, meeting notes will be sent to committee analyst Joanne Miller and re-circulated to the full committee.

III. Member Items: Major Campus or Systemwide Issues

No issues were brought up.

IV. Consultation with UCOP – Information Technology Services
Tom Andriola, UC Chief Information Officer
David Rusting, Chief Information Security Officer
Roslyn Martorano, Systemwide Privacy Manager

- **UC Cyber-Risk Update**

UC's Chief Information Officer, Tom Andriola, and Chief Information Security Officer, David Rusting, joined the meeting to inform UCACC about UC's response to last year's security breach at UCLA. One of the responses was the implementation of a threat detection monitoring system at the campuses. The UCLA attack was categorized as an "advanced persistent threat" (APT), and a third-party vendor with expertise in dealing with large-scale attacks was called in to assist with detection and other preventative measures. Other responses included the formation of a systemwide Cyber-Risk Governance Committee (CRCG), with "Cyber-risk Responsible Representatives" from each campus, and a new cybersecurity training requirement for all employees.

UC is an attractive target to hackers due to its relatively open networks and high computing capacity. There are a large number of devices that are decentralized, and with much variability in controls. In its policies and practices, UC's IT leadership strives to find a balance between privacy and security. The University's Electronic Communications Policy includes notice of monitoring as part of security practices.

Discussion: The primary concern for most faculty is the secrecy and lack of consultation with which the response was handled. The nature and extent of the monitoring itself are also concerns. After explanations from UC's IT leadership about the monitoring activity, committee members felt that although the degree to which the actions were kept secret was a serious failure of shared governance, the immediate response

to the UCLA threat was appropriate. Going forward, UC's IT leadership should institute protocols that will enable faculty to be informed of any actions that impact the university.

In a related agenda item, the IT leadership is seeking UCACC's input into a revision of UC's Information Security Policy. Discussion about the policy might include how to adequately protect an institution that is designed to be open, and the notion of "risk" as it pertains to computer networks. The Cyber-Risk Governance Committee, which includes campus CIOs, Vice Provosts, and the UCACC Chair in its membership, will focus on evaluation of risk. The CRCG has an advisory board, and a suggestion was made to add Senate-appointed faculty to the board, in the interest of involving faculty earlier in any discussions. Another suggestion for involving faculty was that the Cyber-risk Responsible Representatives from each campus communicate more directly with their campus Senate committees that include computing or communications in their charge. IT staff have a "risk escalation protocol," but it is primarily about alerting the administration. Faculty also have a role to play in reducing risk, by being aware of their potential vulnerability to attack and how to mitigate it.

Regarding the cyber-security training module, many faculty were unhappy with being told that they have additional responsibilities and yet no resources with which to implement them.

The committee would like to raise awareness of the Privacy and Information Security Initiative, which came out in January, 2013. Systemwide Privacy Manager Roslyn Martorano provided some information on campus implementation, but the committee would like to discuss further at a future meeting.

Result: The committee drafted a statement of its findings on UC's response to the UCLA cyber-attack to send to Academic Senate leadership.

Action: Chair Kay will draft a preamble to the committee's statement to send to Academic Council Chair Dan Hare and Vice Chair Jim Chalfant.

- **Systemwide Electronic Information Security Policy (IS-3)**

Chief Information Security Officer David Rusting described the revision to the Electronic Information Security Policy is an attempt to combine the privacy and security needs of the university. The purpose of the UCOP Electronic Information Security Policy is to identify the obligations and responsibilities of UCOP departments and employees regarding their stewardship and protection of UCOP electronic information resources. In preparing the revision, a group pulled together a working copy draft based on best practices and information security practices on campuses. Input on the draft will be sought from legal, risk, ethics and compliance, human resources, and academic domains.

Discussion: It was proposed that the policy draft, which was deemed not yet ready for UCACC to adequately review, be reviewed by a technical writer to refine and streamline the various elements. Along with a revised draft, the committee requested a 1-page explanation of the policy, with a summary and rationale. When ready, the draft can be sent to UCACC, whose members can propose faculty members who might review the draft.

The committee cautioned against issuing yet another set of requirements onto faculty, with no resources for compliance or implementation.

- **UC Cyber-Infrastructure Vision**

Postponed to next meeting.

V. Educational Technology Leadership Group and Learning Analytics

Mary-Ellen Kreher, Director, Innovative Learning Technology Initiative
ETLG Chair, Israel Fletes

Much of the concern around learning analytics is the data mining that third party vendors, who license their products to the university, can mine the data for information and sell it to other customers or even back to the university. The ETLG is coming out with a proposal for a pilot project for a data repository using LMS (learning management system) data that would be controlled by UC and could be mined for systemwide data.

ETLG Chair Israel Fletes asked whether UC has a policy or statement of principles concerning privacy or data governance that would be relevant to the third-party mining of learning analytics data.

Suggestions were made for a statement from UCACC to the effect that "student data should be private" or that institutional data is the property of the university and may only be used for a limited set of uses.

Action: Director Mary-Ellen Kreher and ETLG Chair Fletes will draft a proposal and send to UCACC for endorsement.

VI. Consultation with the Senate Leadership
Dan Hare, Academic Council Chair
Jim Chalfant, Academic Council Vice Chair

Academic Council Chair Dan Hare gave an update on the recent Regents meeting:
- There was a wide range of issues that came up in the public comment session.
- There are two vacancies on the Board of Regents.
- UC is considering a new model for dorm construction that involves partnering with a private developer.
- The Regents' Statement on Intolerance will be forwarded to the Chair of the Regents soon, and will then come to UC for review.
- The joint committee assigned to review policies on faculty discipline has completed its information-gathering and will produce a report soon.

The latest news from the Academic Senate includes:
- Review of the Retirement Options Task Force report – comments due Feb. 5.
- Dealing with faculty concerns over the UCOP response to the UCLA security breach.

VII. Consultation with UCOP – UCPath
Mark Cianca, Deputy Chief Information Officer

UC Deputy Chief Information Officer and UCPath Program Director Mark Cianca gave a brief slide presentation on the rationale behind the project and its progress. The long-term goal is to standardize the full suite of human resources functions ("from hire to retire"). The overall intention is to reduce risk and enhance compliance. Cost savings are not being realized, but the system should help accommodate the overhead growth as campuses increase their populations. There was a successful roll-out late last year for UCOP employees. The first campuses to move to UCPath are UCLA, Riverside, and Merced. Program Director Cianca noted that academic pay is very complex, as it can involves multiple sources and distributions. Each campus has a UCPath sponsor, generally the Vice Chancellor for Administration or CFO.

VIII. Senate Regulation 542 and Open Educational Resources
David G. Kay, UCACC Chair
Christine L. Borgman, UCACC Vice Chair

Chair Kay described the problem created by Senate Regulation 524, which is interpreted by registrars as prohibiting access by waitlisted students to course email messages and other electronic resources. This puts students at a disadvantage when they are finally enrolled in the course. Chair Kay drafted a choice of two clarifying statements to express that at the instructor's discretion, registered students with intent to enroll may have access to any of the course's electronic resources.

Action: Chair Kay's suggested changes to Senate Regulation 542 were approved by the committee. Committee Analyst Joanne Miller will determine the next steps in getting the regulation changed.

Discussion on Open Educational Resources: UCACC member Chikako Takeshita is a member of the California OER Council, which is responsible for the creation, review, dissemination, and publicity of free or low-cost open access textbooks in the state's higher education systems. Conversations about OER will continue at future UCACC meetings.

IX. Strategies for Further Action and Implementation

Future agenda items include:
1. Open Educational Resources
2. Cyber-Infrastructure
3. Data Governance (if ORGS has anything ready for review)
4. Ongoing conversation about functionality of UC systems

Meeting adjourned at 3:39
Notes prepared by: Joanne Miller
Attest: David Kay