

## APPROVED ANNUAL REPORT 2017–18

### COMMITTEE ON COMPUTING AND INFORMATION TECHNOLOGY (CIT)

In fulfilling its charge as established in the Bylaws of the Berkeley Division of the Academic Senate, the Committee on Computing and Information Technology (CIT) carried out the following activities. The chair of CIT during 2017-18 was Professor Ethan Ligon.

#### 1. FINISHED BUSINESS

- (1) The committee named Anthony Joseph as its representative to the administrative “IT Strategy Committee”.
- (2) The committee considered the “Reimagining IT Strategic Plan” shared with it by Berkeley’s Chief Information Officer (CIO) Larry Conrad, and provided informal comments.
- (3) The committee met with Iterim Dean Culler of the new Data Sciences division, and discussed with him the role of the new division on campus.
- (4) The committee held several internal discussions regarding the new system-wide “Electronic Information Security Policy” (IS-3), and shared these deliberations with Berkeley representative to the University of California Academic Senate Computing Committee (UCACC). The committee refrained from formal comment pending a formal request from DIVCO.
- (5) CIT has provided feedback and review to the CIO regarding implementation of the new “Calnet 2-step” security mechanism.
- (6) CIT has been briefed by the campus Privacy Officer on the possible effects of the new European Union General Data Protection Regulation (GDPR).
- (7) CIT has served as a forum for bringing issues related to performance of the campus wireless infrastructure to the attention of the CIO.
- (8) CIT made recommendations to the campus Privacy Officer regarding changes to the campus’ policies regarding the “Privacy balancing analysis” governing possibly intrusive uses of campus data or networks, and established circumstances under which CIT expected to be consulted by the Privacy Officer.

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. *Date:* September 17, 2018.

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- (9) CIT considered a particular problem of privacy balancing involving access policy to **bcourses** content in the Law School, and voted unanimously to recommend that the Information Risk Governance Committee (IRGC) approve the proposed policy.

### 2. UNFINISHED BUSINESS

**SIS Progress:** CIT seeks a way to share information with the advisory committee which concerns itself with the new student information system (SIS); this committee chaired by Oliver O'Reilly during 2017-18.

**Student Computer Labs:** CIT would like to consider the various student computer lab facilities available on campus, with an eye toward making recommendations for changes to accommodate new technologies and perhaps an increased academic reliance upon such facilities.

**Data Science Division:** CIT wishes to play a continuing role in shaping the way in which the Data Sciences division interacts with research and instruction across the campus.

**Student Laptop Requirement:** CIT wishes to facilitate the development of a “laptop requirement” standard for students that would specify a minimal set of requirements for student computers. A student with a computer satisfying these requirements could reasonably expect to have the technical prerequisites needed to participate in classes and student life on the Berkeley campus; estimates of the cost of such equipment might help to inform financial aid calculations.

**Sensitive Research Data:** CIT would like to facilitate the development of policies and tools to help members of the campus committee when they work with data that are “sensitive”, in that they raise issues related to security and privacy.

**HIPAA-Compliant Data Management:** A specific instance of the former: the campus should provide resources to allow PIs to work with Human Subjects data in a way that permits both long-term storage and is compliant with health information privacy standards established by the federal Health Insurance Portability and Accountability Act (HIPAA); CIT would like to help facilitate this.

**EU GDPR:** CIT would like to facilitate campus policies taken in response to the EU GDPR, which took formal effect on May 25, 2018.