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Academic Senate Engagement in Governance of IT and Cyber Risk

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Author

Borgman, Christine L.

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Academic Senate Engagement in Governance of IT and Cyber Risk

Christine L. Borgman

Distinguished Professor and Presidential Chair in Information Studies

University of California, Los Angeles

<http://christineborgman.info>

@scitechprof

&

Vice Chair, University of California Committee on Academic Computing and Communications

University of California Cyber Risk Governance Committee

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The screenshot shows the Oxford English Dictionary (OED) entry for the word "governance". The header includes the OED logo, the text "Oxford English Dictionary The definitive record of the English language", a "Quick search:" box, and a "Lost for Words?" link. Below the header is a navigation bar with "Back to Results", "Help on Dictionary Entry", "Print", "Save", and "Email". The main entry for "governance, n." is displayed in red. It includes a "Text size:" selector, "View as: Outline | Full entry", and "Quotations: Show all | Hide all | Keywords: On |". The entry details include "Pronunciation" for British and U.S. English, "Forms" (ME *covernauns*, ME *gervernauns*, ME *gouvernavns*), "Frequency (in current use)" (indicated by a series of colored dots), "Origin" (A borrowing from French), "Etymon" (French *gouvernaunce*), and "Etymology" (< Anglo-Norman *gouvernaunce*, *gouvernaunce*, Anglo-Norman and Middle French *governance*, ...). The entry is numbered "1." and includes a definition: "a. The office, function, or power of governing; authority or permission to govern. Formerly also: †the command (of a body of men) (*obs.*).". A "Thesaurus" link is visible on the right.

OED | Oxford English Dictionary | Quick search: Find word in di
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governance, n. | Text size: A

View as: Outline | Full entry | Quotations: Show all | Hide all | Keywords: On |

Pronunciation: Brit.  /ˈɡʌvənəns/,  /ˈɡʌvənəns/,
U.S.  /ˈɡəvərənəns/

Forms: ME *covernauns*, ME *gervernauns* (transmission error), ME *gouvernavns*,
ME ... (Show More)

Frequency (in current use): ●●●●●●●●

Origin: A borrowing from French. **Etymon:** French *gouvernaunce*.
Etymology: < Anglo-Norman *gouvernaunce*, *gouvernaunce*, Anglo-Norman and Middle
French *governance*, ... (Show More)

1.

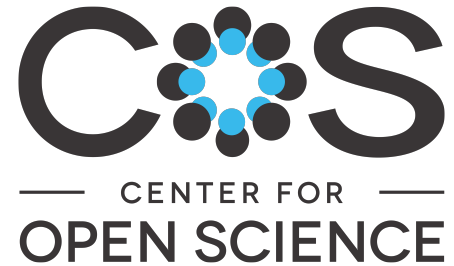
a. The office, function, or power of governing; authority
or permission to govern. Formerly also: †the command
(of a body of men) (*obs.*). | Thesaurus »

UC Academic Computing and Communications

Represent the Senate in all matters involving the uses and impact of computing and communications technology, and shall advise the President, consistent with Bylaw 40, concerning the acquisition and usage, and support of computing and communications technology and related policy issues at the University either at its own initiative or at the President's request. (Am Feb 2015)

Open by Design

Faculty Stakes in IT



- Teaching
 - Course management systems, registrar, etc.
 - Online and hybrid courses
- Research
 - Data- and compute-intensive methods
 - Collaborations inside and outside of UC
- Service and administration
 - Internet provision, everywhere
 - Academic personnel, travel, payroll, grants...



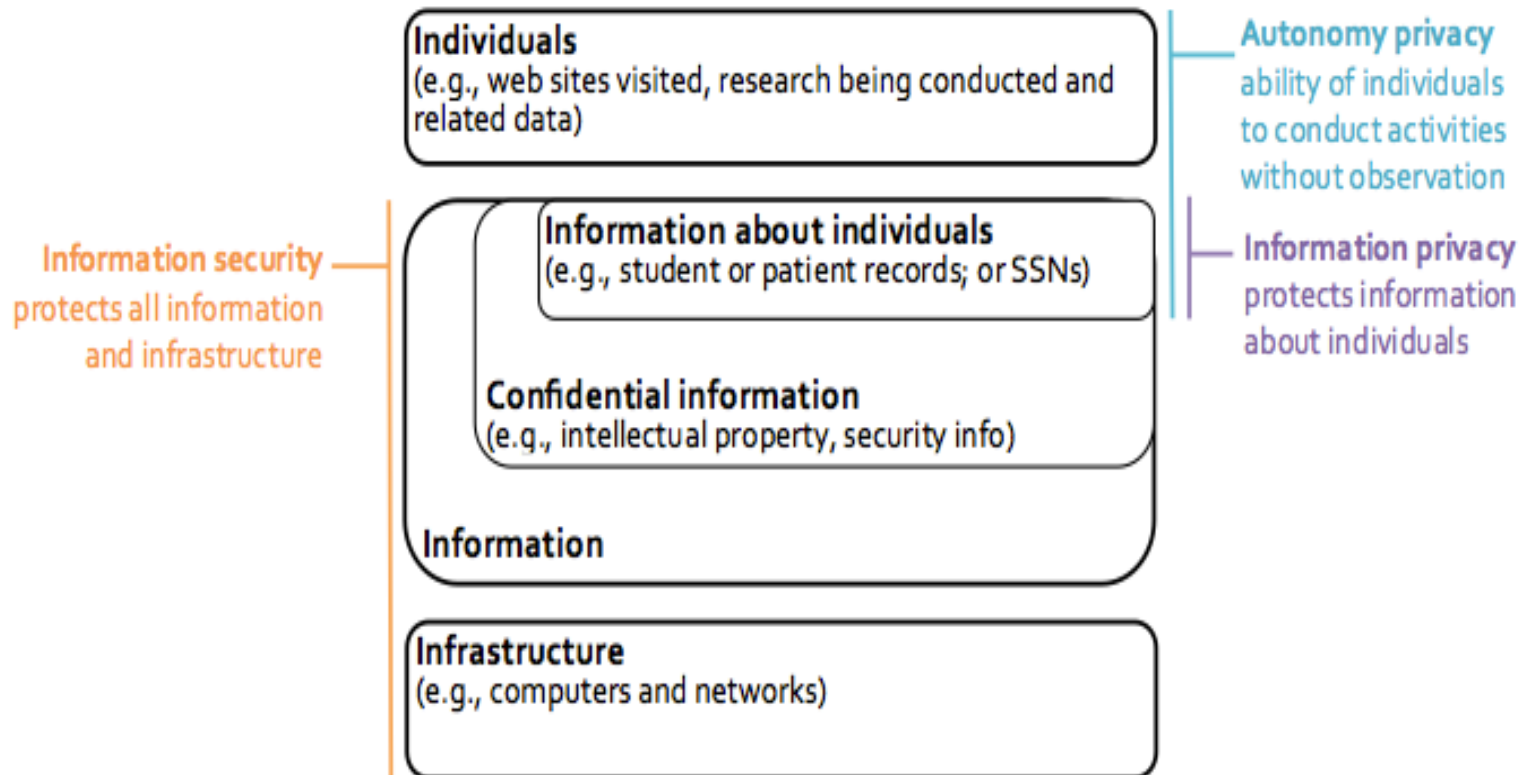
National Science Foundation
WHERE DISCOVERIES BEGIN



Mission-driven IT planning

- Design and deploy IT that serves the teaching, research, and service missions of UC
- Base design principles and practice on
 - Privacy enhancing technologies
 - Security enhancing technologies
 - Accessibility enhancing technologies
- Joint Senate – Administration governance of IT strategy and deployment

Privacy and Information Security

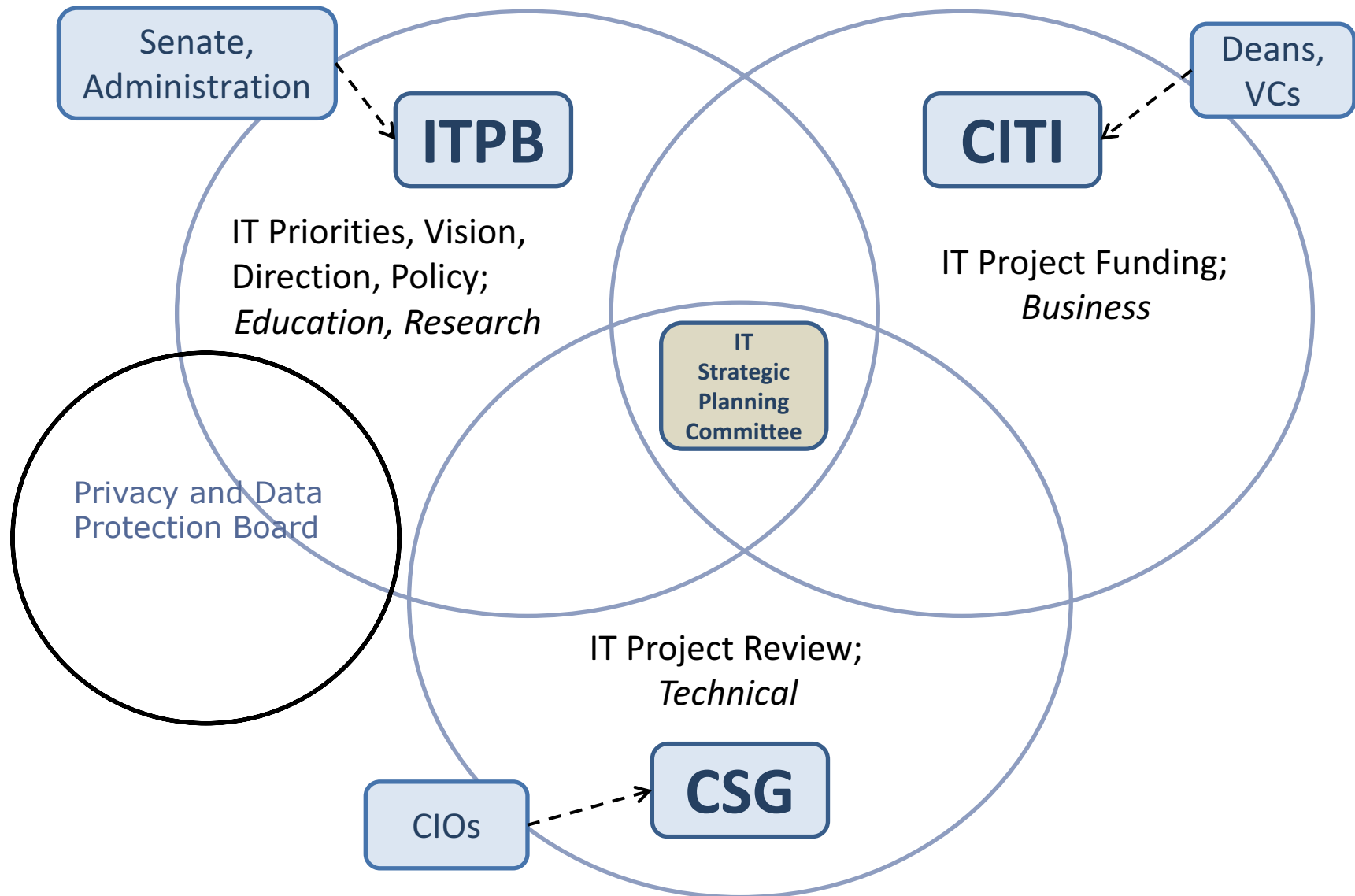


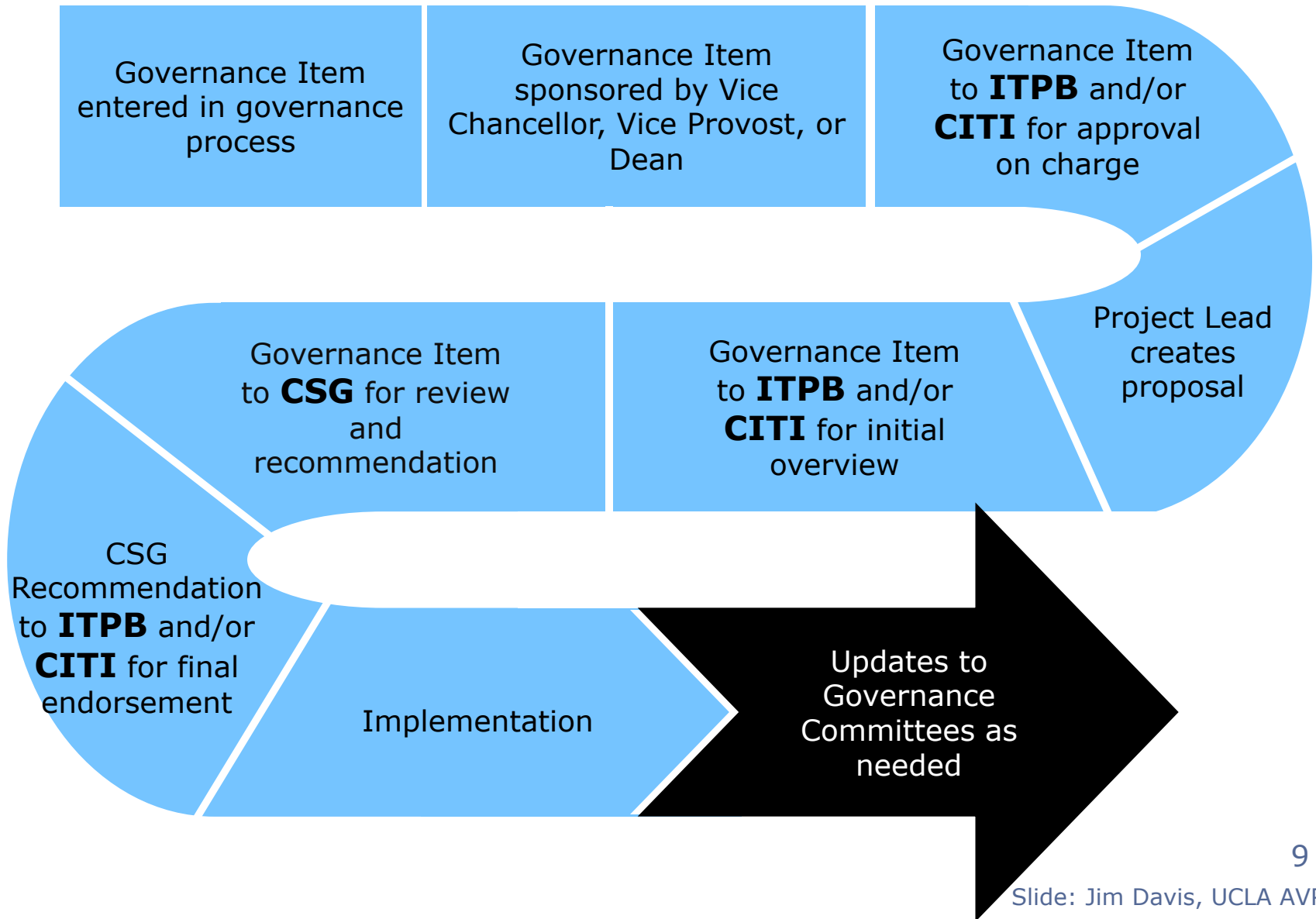
UC approaches to IT Governance

- Joint Senate-Administration standing committees
- Senate-led governance committees
- Administration-led governance committees
- Ad hoc expert groups

Goals for IT Governance

- Continuous engagement of stakeholders
- Complementary expertise
- Broad consensus
- Timely decisions
- Build institutional capacity and memory





- Streaming video via course management system:
http://www.itpb.ucla.edu/documents/ITPB_IP_Video_Principles_Memo.htm
- Open records laws guidance:
<http://chancellor.ucla.edu/updates/principles-of-scholarly-research-and-public-records-requests>
- Data governance task force:
evc.ucla.edu/reports/DGTF-report.pdf
- Cyber risk consulting committee

- Joint standing committees
 - Broad consultation
 - Deliberative process
 - Institutional memory
- Ad hoc expert groups
 - Focused expertise
 - Faster decisions
 - Limited knowledge transfer
- Challenge: balance process and speed

Faculty Fears

- Security-driven IT planning
- Barriers to technical communication
- Barriers to collaboration
- Surveillance climate
- Leaky data
- Lack of voice in governance



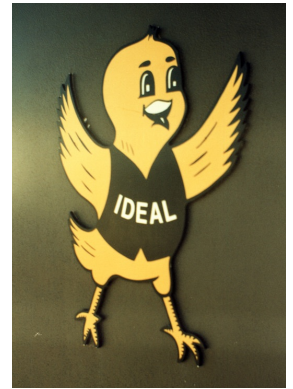
Faculty Fantasy

- Mission-driven IT planning
- Effective technical communication
- Effective collaboration
- Protective climate
- Secure data
- Full voice in IT governance



Faculty Ideal Scenario

- Mission-driven IT planning
- Continuous engagement of stakeholders
- Complementary expertise
- Broad consensus
- Timely decisions
- Build institutional capacity and memory



Discussion points

- How can CRGC promote continuous, mission-driven engagement with faculty?
- How can the Senate promote engagement with administration?
- How can we balance
 - Long term strategy, institutional memory
 - Short term decision making
- How can we balance
 - Systemwide communication
 - Campus practices

UCACC Guidance on Cyber risk Governance

- Promote continuous, mission-driven engagement with Senate
- Focus on *how* to implement IT, not on *what* technologies to implement
- Establish standing boards with balanced representation of Senate faculty and university administration
- Ad hoc committees linked to standing bodies with robust communication mechanisms
- Build partnerships between Senate faculty and IT staff at every level of the university

Acknowledgements

- UCACC: David G. Kay, Joanne Miller
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- UCLA:
 - Kent Wada, Chief Privacy Officer and Director, Policy and Governance
 - James Davis, Vice Provost, Information Technology and Chief Academic Technology Officer
 - Privacy and Data Protection Board
 - Data Governance Task Force