Information & Technology Governance

Executive Committee Meeting

May 20, 2024
2:30-3:50 pm
Welcome to the hybrid meeting

**Location**

- **In-person**: LAW 115 (Perkins Coie Room, William H. Gates Hall)
  East-facing doors will be open 2:00 – 3:00 pm; if you arrive later, email itgov@uw.edu and someone will let you in.
- **Remote**: [https://washington.zoom.us/j/93381165911](https://washington.zoom.us/j/93381165911)

**Presenters**

- Request to join Zoom so that everyone can see you clearly. If you're in-person, remember to bring your laptops.

**In-person participants**

- An OWL camera and microphone in middle of the room will track the current speaker.
- A video screen with presentation and remote participants is in the front of room
- If you wish to also connect remotely, do not join the audio.
- Limit side conversations; room microphones are sensitive

**Remote participants**

- Join Zoom as normal; all Zoom video will be displayed on room screen
- Governance Operations will monitor raised hands and chat in Zoom
- Mute your speaker and microphone when you’re not talking
## Agenda

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter(s)</th>
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<tbody>
<tr>
<td>2:30</td>
<td>Welcome</td>
<td>Andreas Bohman</td>
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<td>Sarah Norris Hall</td>
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<td>2:35</td>
<td>Husky Card Governance</td>
<td>Denzil Suite</td>
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<td>Joshua Halbert</td>
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<td>Brent Holterman</td>
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<td>3:00</td>
<td>AI Task Force Governance</td>
<td>Andreas Bohman</td>
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<td>Anind Dey</td>
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<td>3:10</td>
<td>Domain update: Data Governance Domain</td>
<td>Sarah Norris Hall</td>
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<td>Taifa Harris</td>
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<td>3:30</td>
<td>Research Cyberinfrastructure report-out</td>
<td>Xiaosong Li</td>
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<td>Xiao Zhu</td>
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<td>3:50</td>
<td>Closing</td>
<td>Sarah Norris Hall</td>
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<td>Andreas Bohman</td>
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Husky Card Governance

Denzil Suite, Executive Sponsor, Husky Card Access & Governance Council
Joshua Halbert, Systems Engineer, Student Life
Brent Holterman, Director, Administrative Systems, UW-IT
Overview

> Functions
  – Visual identification
  – Event admission
  – Door access
  – Campus library services
  – Class attendance
  – Parking
  – Transportation
  – Dining & retail
  – & more

> More than 110,000 active cardholders
Governance

Husky Card Access and Governance Council (HCAGC)

> Executive Sponsor: Denzil Suite (VP, Student Life)
> Chair: Mark Stanley (CFO, Housing & Food Services)
> 30+ stakeholder volunteers representing UW tri-campus
> Monthly virtual meetings
HCAGC Responsibilities

- Guidance, policy-making, and recommendations on:
  - Strategy
  - Data Access
  - Finances
  - Operations

- Recommendations made to:
  - Executive Sponsor
  - University Administration
  - Decision-makers
HCAGC Limitations

- Risk management
- Accountability
- Coordination and input in decision-making
- Decision-making authority
- Technical depth, training & support
Finances

> Managed by Housing & Food Services (HFS)

> Major funding sources:
  - Dining & Accounts
    > Transaction fees (100%)
  - ID Card
    > Central GOF (~60% - guaranteed)
    > Card replacement fees (~40% - variable)

> Opportunities to establish new and more robust funding sources
Technology

- King County Metro owns embedded chip
  - UW has no access to secure chip features
  - Reliance on vulnerable RFID and magstripe technologies
- Existing system integrations
  - High complexity
  - Heavy reliance on flat-file transfers
  - Missing institutional knowledge
- Mobile & wearable credentials not supported
Potential Future Initiatives

- Centralize management, accountability, and resources
- Re-credential with a UW-controlled solution
- Define, implement, and enforce standards for:
  - Technology
  - Security
  - Training and support
- Re-architect and overhaul technical systems
Discussion

1. How should Husky Card Governance relate to I&T Governance?

2. How should they work together on initiative proposals and identifying pathways for funding?

3. What I&T Governance Domain does Husky Card Governance fit within, e.g., Information Security & Privacy?
AI Task Force Governance

Andreas Bohman and Anind Dey, Co-chairs, AI Task Force Exec Committee
Straw Model: Executing Recommendations of the AI Task Force

Purple groups indicate proposed groups likely needed to follow up from the AI Task Force. Dashed lines indicate temporary groups.

<table>
<thead>
<tr>
<th>Information &amp; Technology Executive Committee</th>
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<td>I&amp;T Governance Domains:</td>
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<td>Enterprise Technology</td>
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<td>HR &amp; Finance Workday</td>
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<tr>
<td>Data Governance</td>
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<tr>
<td>Information Security &amp; Privacy</td>
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<td>Research Cyberinfrastructure</td>
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**AI Oversight Committee:**
- Transition AI Task Force recommendations to I&T Governance Domains or existing UW academic, research, and administrative governance.
- Develop guidelines, standards, or policies related to ethics, compliance, legal, risk management, etc.

**AI Advisory Committee:**
- Committee consisting of strategic partners (AWS, Microsoft, Nvidia) and philanthropists to guide and direct final recommendation development.

AI Task Force groups are expected to disband in July 2024.
Data Governance Domain Update

Sarah Norris Hall, Senior Vice President and CFO
Taifa Harris, Strategy & Business Operations, UW-IT
Data Governance and IT Governance

> Opportunity presented by IT Governance model
  - Structures and resources
  - Relationship to other governance
  - Relationship to IT service providers
  - Executive oversight and strategic priorities

> Goals for updated data governance structure to be directive and efficient in design and operation
Current Data Governance structure since 2021

Data Governance is the “authority and control including planning, monitoring, and enforcement over the management of data assets.”*

- Developed an updated approach for data stewardship in 2021
- Links data stewardship and data governance
- Three types of data stewards:
  - institutional data stewards
  - data domain council chairs
  - sub-domain stewards
- Six data domains at the UW:
  - Finance
  - Human Resources
  - Advancement and Alumni Relations
  - Research
  - Academic
  - Property and Space Management

*Data Governance – Data Governance (uw.edu) and APS 2.4, Information Security and Privacy: Roles, Responsibilities, and Definitions
Stakeholders we’ve interviewed

- Phil Reid & Marisa Nickle - Office of the Provost
- Helen Garrett - Academic DDC
- Michael Visaya & Justin Williams - Advancement DDC
- Jessica Bertram - Finance DDC
- Rachel Gatlin - Human Resources DDC
- Cathy Johnson & Steve Tatge - Property and Space Management DDC
- Richard Fenger - Research DDC
- Adrian Sinkler & Amy Stutesman - UW Bothell
- Patrick Pow - UW Tacoma
- Daniel Summy - Finance Planning & Budgeting
- Jim Kresl - Research
- Anne Jozaitis-Hole & Kristal Mauritz-Miller - UW Medicine
- Alicia Few - UW Tacoma IR
- Anja Canfield-Budde, Bart Pietrzak & Rob McDade - UW-IT
- Erin Guthrie - Finance Planning & Budgeting
Key Themes from Interviews

> **Currently working**
  - Data Domain Councils (DDC) are doing essential work in each domain
  - DDC Chairs meetings create opportunities to collaborate across Domains
  - Highly dedicated and collaborative colleagues

> **Opportunities**
  - Resourcing/staffing of governance groups and standard operational activities
  - Ability to obtain resources for initiatives that require project teams
  - For any overarching group, the right representation, shared knowledge, and agreement on what topics to address
  - Standard processes to handle cross-domain issues
  - Additional standards that make it easier to handle regular requests
  - Rebuilding partnerships to handle issues with privacy implications
Based on themes, the straw model will...

- Tie UW Data Governance to **I&T Governance**
- Continue essential **operational data governance** work
- Create a forum for **cross-domain operational coordination**
- Create a forum for **data strategy**

**Questions**

- How do we minimize duplicate discussions across domains?
- There is misalignment between the perceived effectiveness of the Data Domain Councils between the participants/chairs and leadership. How to address?
- What other goals should the straw model meet?
- DDC Chairs to review straw model in May. Other stakeholders to review before ExCo approval?
Research Cyberinfrastructure Report-out

Xiaosong Li, Associate Vice Provost for Research Cyberinfrastructure
Xiao Zhu, Associate Vice President for Research Computing
Information & Technology Governance Structure

Information & Technology Executive Committee

I&T Governance Domains in scope:

- Enterprise Technology
- HR & Finance Workday
- Data Governance
- Information Security & Privacy
- Research Cyberinfrastructure

Future domains to be included:

- Academic Services
- Others TBD

In collaboration with related groups in UW Medicine, UW Bothell, UW Tacoma, Faculty Senate, and academic & administrative governance

Shared executive leadership drives and aligns goals & strategies, prioritizes initiatives & funding, and endorses standards

Governance domains connect people, evaluate ideas & proposals, recommend strategies & standards, prioritize resources & ongoing changes, and monitor results

» Can include multiple standing or temporary groups

The initial structure and scope of the domains will be determined in the Chartering phase

Supporting functions coordinate and streamline intake and resolution

Representation throughout includes I&T providers and consumers across the UW

Updated 4/4/23
Purpose, Scope, Status

Purpose

As part of I&T Governance, the Research Cyberinfrastructure Governance Domain (“RCI Governance”) will enable transformation and innovation for the research mission of the University through a shared decision framework of strategic investment in information and technology.

Scope

> RCI Governance guides the Office of Research Cyberinfrastructure (ORCI), operated jointly by the Office of Research and UW-IT, regarding the direction, administration, and opportunities for its service portfolio.

> A subgroup of RCI Governance, the **Hyak Governance Board**, approves significant changes to the HYAK High-Performance Computing service.

> RCI Governance recommends standards that guide all research computing service providers and consumers; I&T Executive Committee approves standards

Status

> RCI Governance Board is being developed, to be chartered in Fall 2024

> Hyak Governance Board meets quarterly
Research Cyberinfrastructure Decision-making Structures

Proposed Research Cyberinfrastructure Domain (RCI) Responsibilities

1. **I&T Executive Committee (I&T EC)** appoints RCI co-chairs which are nominated by VPs of OR & UW-IT; RCI co-chairs appoint members
2. RCI members appoint **Hyak Governance Board (HGB)** Chair
3. RCI members **approve** significant changes to the ORCI service portfolio
4. **HGB** sponsors **approve** significant changes to HYAK service
5. RCI members **recommend standards** that guide all research computing service providers and consumers

I&T Governance works with other research governance structures, including the Research Advisory Board, Faculty Council on Research, Tacoma, and Bothell IT governance.
# Proposed Research Cyberinfrastructure Board Membership

<table>
<thead>
<tr>
<th>Role</th>
<th>Name</th>
<th>Title</th>
<th>Unit</th>
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<tr>
<td><strong>Chairs</strong></td>
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<tr>
<td></td>
<td>Xiaosong Li</td>
<td>Associate Vice Provost for Research Cyberinfrastructure</td>
<td>Office of Research</td>
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<td></td>
<td>Xiao Zhu</td>
<td>Associate Vice President for Research Computing</td>
<td>UW-IT</td>
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<tr>
<td><strong>Members</strong></td>
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<td></td>
<td>Jihui Yang</td>
<td>Vice Dean for Research</td>
<td>College of Engineering</td>
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<td></td>
<td>Stephen J Majeski</td>
<td>Senior Associate Dean for Research and Infrastructure</td>
<td>College of Arts &amp; Sciences</td>
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<td>Michael Parker</td>
<td>IT Director</td>
<td>College of the Environment</td>
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<td>School of Public Health</td>
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<td>Tarang Khangaonkar</td>
<td>Director, Salish Sea Modeling Center</td>
<td>Tacoma</td>
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<td>Eric Salathe</td>
<td>Associate Professor, School of Science, Technology, Engineering &amp; Mathematics</td>
<td>Bothell</td>
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<td></td>
<td>Matt Weatherford</td>
<td>Regulated Research IT Director</td>
<td>CSDE</td>
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<td>Institute of Protein Design</td>
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<td></td>
<td>Aaron Timss</td>
<td>IT Director</td>
<td>Allen School of Comp Science and Engineering</td>
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<td>TBD</td>
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<td>e-Science</td>
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<td><strong>Standing Advisory (non-voting)</strong></td>
<td>Mari Ostendorf</td>
<td>Vice Provost for Research</td>
<td>Office of Research</td>
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<td>Andreas Bohman</td>
<td>Vice President and CIO</td>
<td>UW-IT</td>
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<tr>
<td><strong>Guest Advisory (non-voting)</strong></td>
<td>Vendor Partners</td>
<td>Lenovo, NVIDIA, Dell</td>
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<tr>
<td>Chair</td>
<td>Xiaosong Li</td>
<td>Associate Vice Provost for Research Cyberinfrastructure</td>
<td>Office of Research</td>
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<tr>
<td>Sponsors (voting)</td>
<td>Ting Cao</td>
<td>Sr Manager of Computing, Institute for Protein Design</td>
<td>College of Engineering</td>
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<td></td>
<td>Jihui Yang</td>
<td>Vice Dean, Office of Research and Faculty Affairs</td>
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<td>Benjamin Mako Hill</td>
<td>Associate Professor, Department of Communication</td>
<td>College of Arts &amp; Sciences</td>
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<td>Associate Dean for Research Admin. &amp; Infrastructure</td>
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<td></td>
<td>Georgy Manucharyan</td>
<td>Assistant Professor, School of Oceanography</td>
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<td>School of Medicine</td>
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<tr>
<td>Ex-officio</td>
<td>Brenden Pelkie</td>
<td>RCC President</td>
<td>Research Computing Club</td>
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<tr>
<td></td>
<td>Xiao Zhu</td>
<td>Associate Vice President for Research Computing</td>
<td>UW-IT</td>
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Research Cyberinfrastructure Goals

1. Expand team capability in research facilitation
2. Enable AI research
3. Secure external funding for future growth
4. Establish a community of practices for RCI services
5. Develop cyberinfrastructure workforce
RCI Initiatives (current, pending, and planned)

1. AI Computing
   - (pending, AI Task Force) Next Generation Data Center
   - (pending, AI Task Force) AI Computing for UW Research and Education
   - (planned) NIH S10 ($2M) for AI Computing in Biochemical Research
   - (pending) NSF ACSS ($10M) for PNW-AI Hub
   - (pending) Earmark ($3M) for Community AI Computing Infrastructure
   - (pending) Provost Reinvestment Fund Request for ($1M) Community AI Computing and Infrastructure Buildout

2. Large-Scale Data Storage
   - (current) NSF CC* ($500K) for the large-scale storage

3. Education and Training
   - (current) Sustainable Research Computing Club ($200K/year from STF)
   - (current) AI Hackathon

4. Workforce Development
   - (pending) Provost Reinvestment Fund Request for ($700K/year) for AI Engineers and AI Research Facilitators
   - (pending, AI Task Force) AI Institute
   - (planned) Student employee
Discussion questions

1. How should RCI Governance work with I&T Executive Committee in identifying funding for initiatives?

2. How can we make governance sufficiently nimble to support the “speed of science” demands of research computing?

3. What is the responsibility of RCI Governance with respect to AI research computing recommendations?

4. Is there additional research computing scope beyond what is proposed for RCI that would benefit from governance, e.g., research data management (compliance, privacy, security, etc.)?
Thank you
Thank You!

6/24 meeting will be hybrid with in-person option in LAW 115.

Minutes and Materials will be published within a week at:
https://itconnect.uw.edu/it-at-the-uw/it-governance-and-policies/it-governance/governance-groups/information-technology-executive-committee/

Please share other ideas for future governance topics using this form:
https://forms.office.com/r/gwF3Hpqzhg
Appendices
Information & Technology Governance Structure

**Information & Technology Executive Committee**

**I&T Governance Domains in scope:**
- Enterprise Technology
- HR & Finance Workday
- Data Governance
- Information Security & Privacy
- Research Cyberinfrastructure

**Future domains to be included:**
- Academic Services
- Others TBD

**I&T Chairs**

**Governance Support**

**Governance Processes**

In collaboration with related groups in UW Medicine, UW Bothell, UW Tacoma, Faculty Senate, and academic & administrative governance.

**Shared executive leadership** drives and aligns goals & strategies, prioritizes initiatives & funding, and endorses standards.

**Governance domains** connect people, evaluate ideas & proposals, recommend strategies & standards, prioritize resources & ongoing changes, and monitor results.

- Can include multiple standing or temporary groups

The initial structure and scope of the domains will be determined in the Chartering phase.

**Supporting functions** coordinate and streamline intake and resolution.

**Representation** throughout includes I&T providers and consumers across the UW.
Sources of authority and decision flow

<table>
<thead>
<tr>
<th>Washington State</th>
<th>OCIO</th>
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<tr>
<td>UW Policy</td>
<td>Executive Order 63</td>
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<tr>
<td>UW Roles by policy</td>
<td>CIO</td>
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Information & Technology Governance

- I&T Governance does not alter the scope of authority or responsibility of roles defined by UW Policy or Executive Order (e.g., CIO, CISO, etc.)
- Such roles lend their authority to governance recommendations within their scope, by requesting and endorsing recommendations
I&T Executive Committee

Co-Chairs:
> Andreas Bohman, UW CIO and VP for UW-IT
> Sarah Norris Hall, Senior Vice President and CFO

Members
> Jacqueline Cabe, Chief Financial Officer, UW Medicine; Vice President for Medical Affairs
> Lou Cariello, Vice President, UW Facilities
> Charles Costarella, Associate Teaching Professor, UW Tacoma; Chair, IT & Cybersecurity Faculty Council
> Anind Dey, Dean, The Information School
> Sheila Edwards Lange, Chancellor, UW Tacoma
> Kristin Esterberg, Chancellor, UW Bothell
> Mary Gresch, Senior Vice President, University Advancement
> Mindy Kornberg, Vice President, UW Human Resources
> Fredrick Nafukho, Vice Provost for Academic Personnel, Office of Academic Personnel
> Simon Neame, Dean of University Libraries
> Eric Neil, Chief Information Officer, UW Medicine
> Mari Ostendorf, Vice Provost for Research, Office of Research
> Phil Reid, Vice Provost for Academic and Student Affairs, Professor of Chemistry
> Denzil J. Suite, Vice President for Student Life, Office for Student Life
> Joy Williamson-Lott, Dean, The Graduate School