

UNIVERSITY *of* WASHINGTON

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>

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

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



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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?



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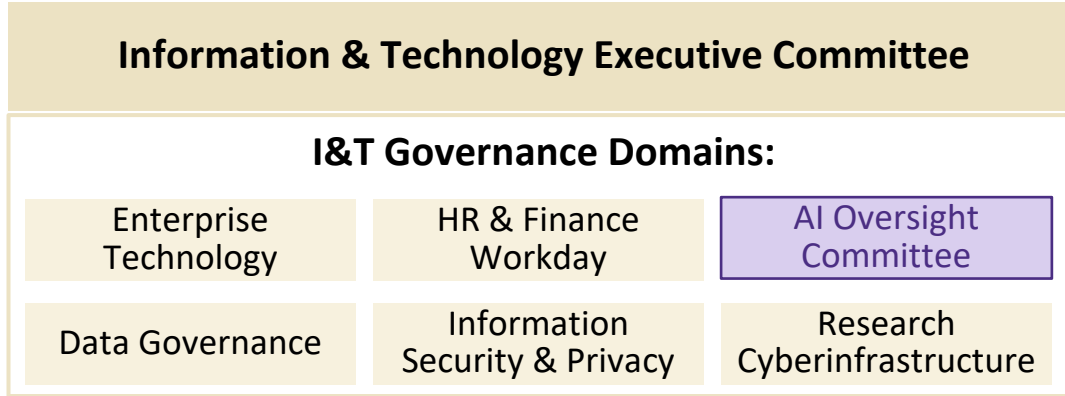
AI Task Force Governance

Andreas Bohman and Anind Dey, Co-chairs, AI Task Force Exec Committee

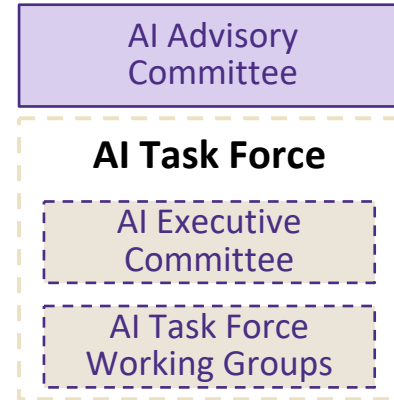


Straw Model: Executing Recommendations of the AI Task Force

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



- 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 I&T Governance

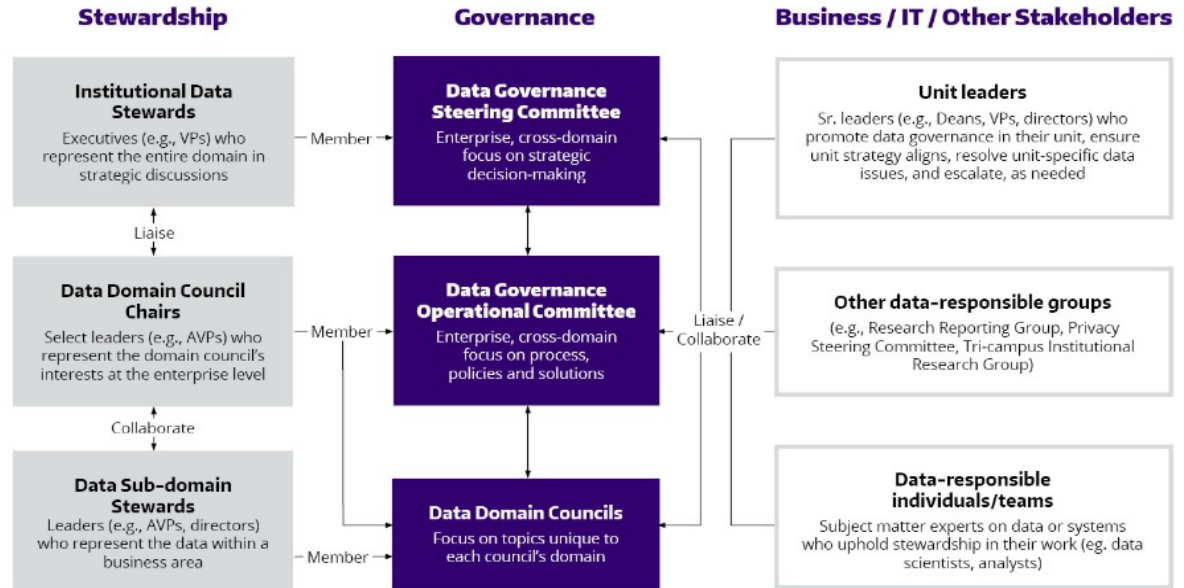
- > Opportunity presented by I&T Governance model
 - Structures and resources
 - Relationship to other governance
 - Relationship to IT service provides
 - Executive oversight and strategic priorities

- > 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



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?

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Research Cyberinfrastructure Report-out

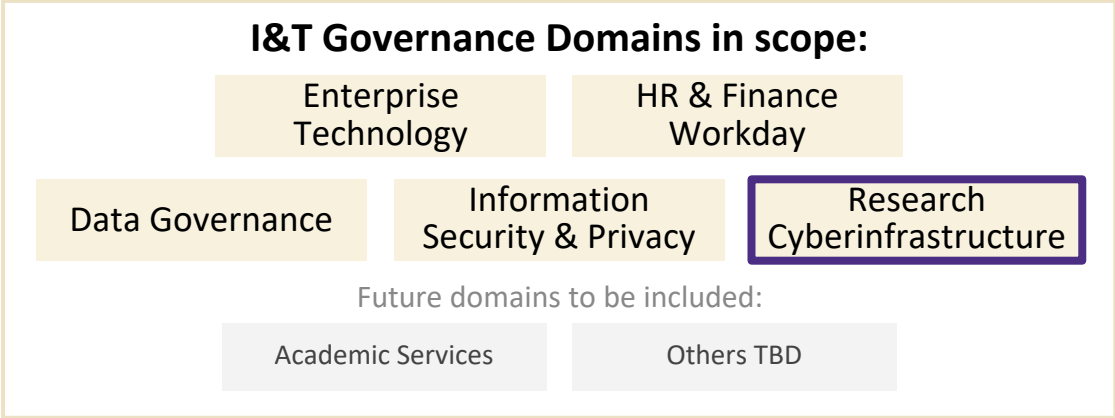
Xiaosong Li, Associate Vice Provost for Research Cyberinfrastructure

Xiao Zhu, Associate Vice President for Research Computing



Information & Technology Governance Structure

Information & Technology Executive Committee

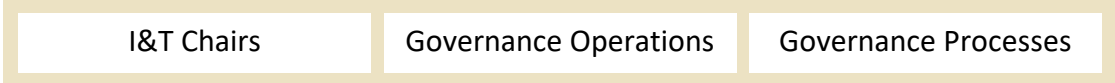


Shared executive leadership drives and aligns goals & strategies, prioritizes initiatives & funding, and endorses standards

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

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



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

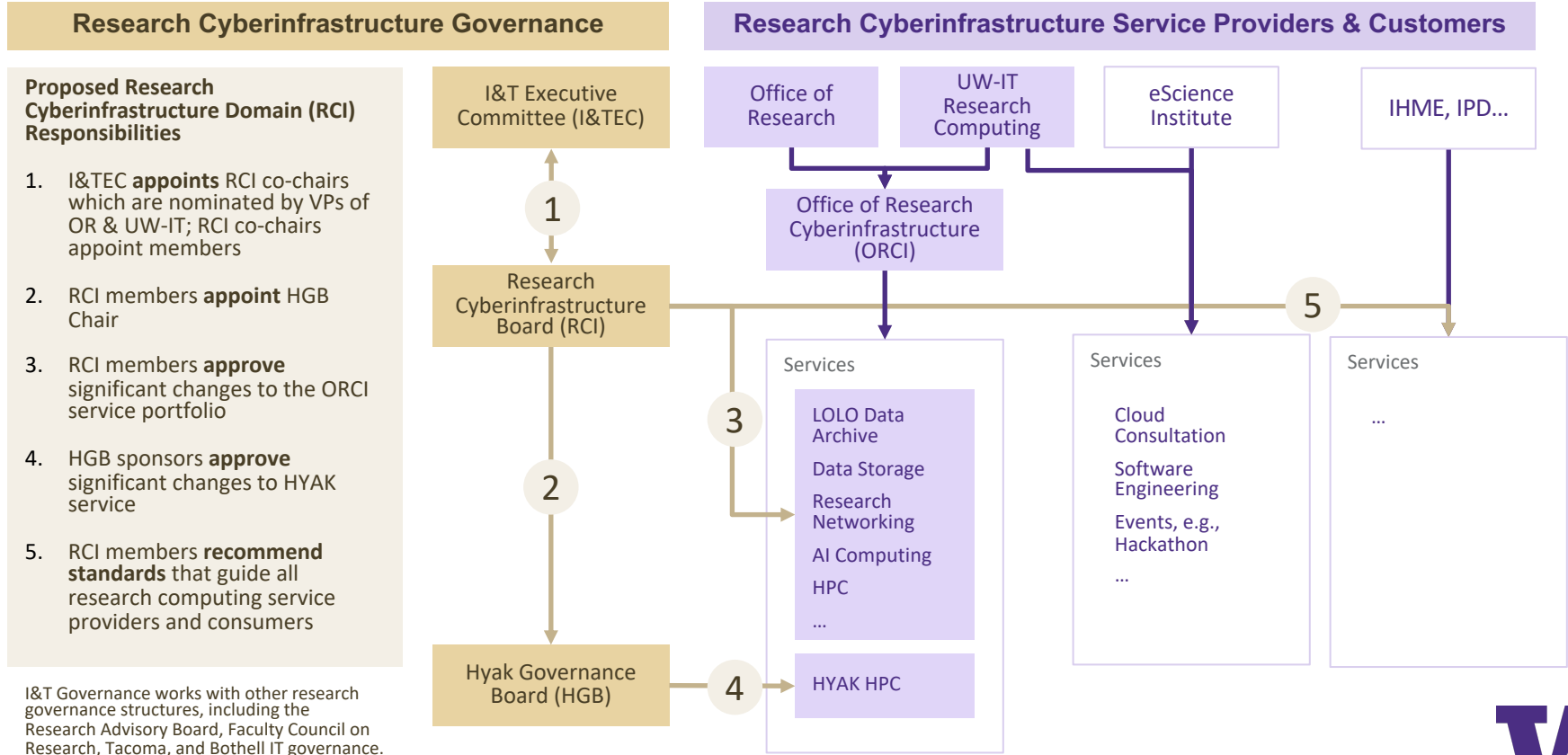
- > RCI Governance guides the Office of Research Cyberinfrastructure (ORCI), operated jointly by the Office of Research and UW-IT, regarding the direction, administration, and opportunities for its service portfolio.
- > A subgroup of RCI Governance, the **Hyak Governance Board**, approves significant 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 Board Membership

	Name	Title	Unit
Chairs	Xiaosong Li	Associate Vice Provost for Research Cyberinfrastructure	Office of Research
	Xiao Zhu	Associate Vice President for Research Computing	UW-IT
Members	Jihui Yang	Vice Dean for Research	College of Engineering
	Stephen J Majeski	Senior Associate Dean for Research and Infrastructure	College of Arts & Sciences
	Michael Parker	IT Director	College of the Environment
	TBD		School of Medicine
	TBD		School of Public Health
	Tarang Khangaonkar	Director, Salish Sea Modeling Center	Tacoma
	Eric Salathe	Associate Professor, School of Science, Technology, Engineering & Mathematics	Bothell
	Matt Weatherford	Regulated Research IT Director	CSDE
	TBD		Institute of Protein Design
	TBD		IHME
	Aaron Timss	IT Director	Allen School of Comp Science and Engineering
	TBD		e-Science
Standing Advisory (non-voting)	Mari Ostendorf	Vice Provost for Research	Office of Research
	Andreas Bohman	Vice President and CIO	UW-IT
Guest Advisory (non-voting)	Vendor Partners	Lenovo, NVIDIA, Dell	



HYAK Governance Board Membership

	Name	Title	Unit
Chair	Xiaosong Li	Associate Vice Provost for Research Cyberinfrastructure	Office of Research
Sponsors (voting)	Ting Cao Jihui Yang	Sr Manager of Computing, Institute for Protein Design Vice Dean, Office of Research and Faculty Affairs	College of Engineering
	Tarang Khangaonkar Eric Salathe	Director, Salish Sea Modeling Center Associate Professor, School of Science, Technology, Engineering & Mathematics	UW Tacoma UW Bothell
	Benjamin Mako Hill Stephen J. Majeski	Associate Professor, Department of Communication Associate Dean for Research Admin. & Infrastructure	College of Arts & Sciences
	Michael Parker Georgy Manucharyan	IT Director Assistant Professor, School of Oceanography	College of the Environment
	TBD TBD		School of Medicine
	Brenden Pelkie	RCC President	Research Computing Club
Ex-officio	Xiao Zhu	Associate Vice President for Research Computing	UW-IT



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>



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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

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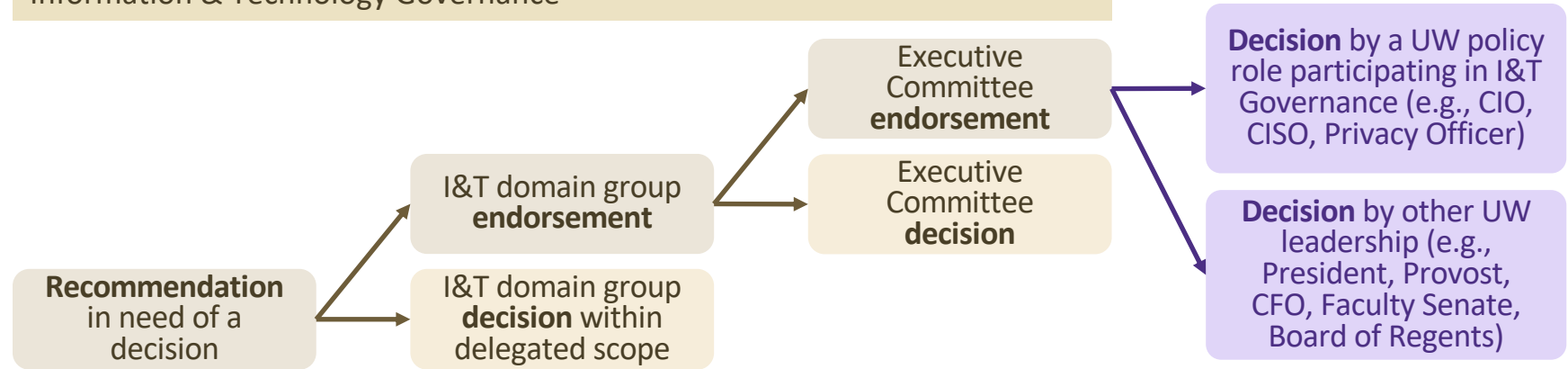
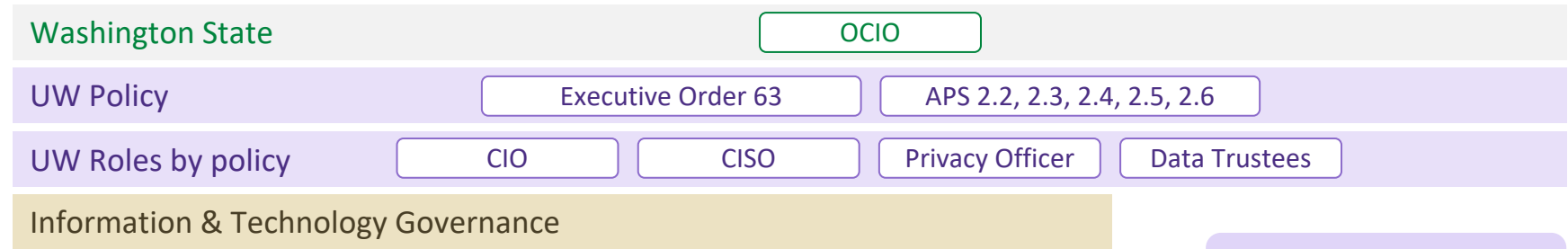
The initial structure and scope of the domains will be determined in the Chartering phase

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Sources of authority and decision flow



- 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

