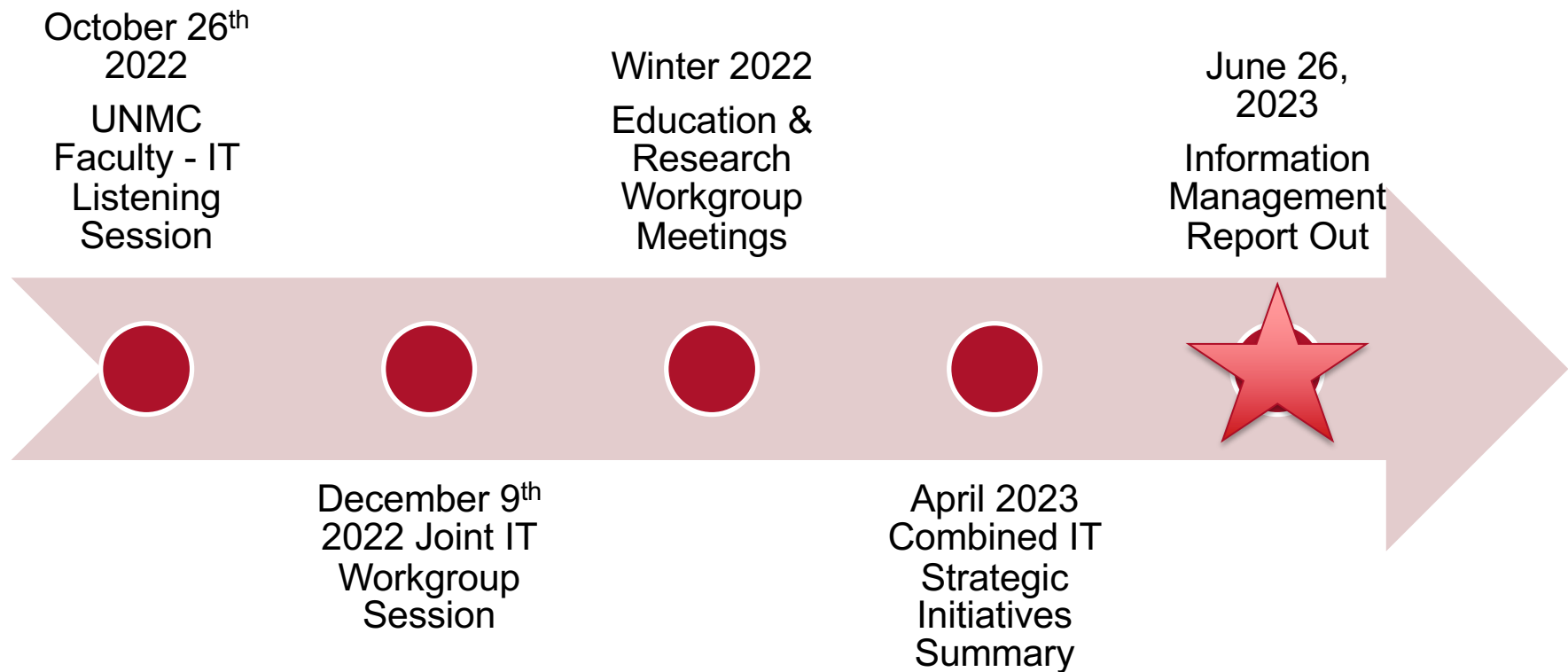# Education & Research Information Management Workgroups Report

Ken Bayles, Vice Chancellor for Research

Anne Barnes, Vice Chancellor for Business, Finance and Business Development

University of Nebraska Medical Center

IT Review Timeline

October 26th 2022
UNMC Faculty - IT Listening Session

December 9th 2022 Joint IT Workgroup Session

Winter 2022
Education & Research Workgroup Meetings

April 2023
Combined IT Strategic Initiatives Summary

June 26, 2023
Information Management Report Out

Education & Research Workgroups Summary

Education & Research - Shared Goals:

- Re-establish the Academic Governance Council from IT Integration Plan
- Create a new UNMC IT leadership position to coordinate all UNMC Information Technology activities and Resources
- Improve desktop support across all UNMC units (common IT training, meetings & minimum IT standards)
- Clarify, coordinate, and right-size end-user IT support

Education & Research - Shared Goals:

- Resource and re-align the IT Project Management Office

- Establish minimum service standards – visibility, communication, turn-around time, etc.

- Establish a pool of new "common" laptops or hardware deployable across campus to accelerate onboarding

- Provide sufficient wireless access points across campus

Education & Research - Shared Goals:

- Segment the network to provide efficiencies in the non-PHI environment
- Re-work IT assessment / Security review process after completion of segmented network

Research Goals:

- Add support FTE's for "emerging research technology" IT assessments and equipment upgrades

- Resolve outstanding research-related IT security reviews

- Establish a "research data management committee" to develop policies, roles, and processes for the campus

- Create a research data management website & initiate educational efforts

Research Goals:

- Create and disseminate a research-specific cloud computing strategy
- Establish a dedicated research cloud computing team
- Develop processes for faculty to utilize cloud computing resources
- Standardize the use of common research software
- Establish a "research software management committee"

Education Goals:

- Standardize educational IT resources across all UNMC learning environments
- Establish the Educational Audio Visual & IT standards for all educational spaces
- Create and maintain an Inventory of all Educational Spaces with up-to-date information on audio visual and IT resources available in each space
- Identify gaps between existing inventory and new standards and create a plan to address these
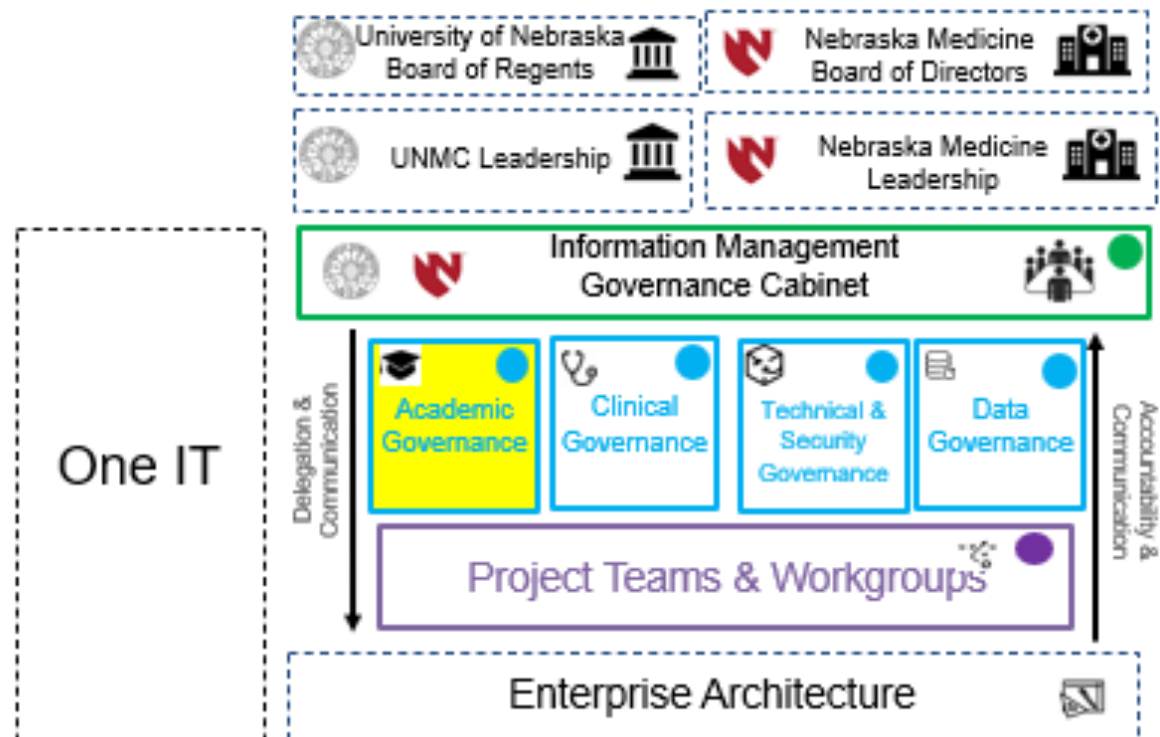
Education Goals:

- Establish procedures and training materials for consistent onboarding of faculty, staff and students of the available IT resources and systems

- Design educational spaces with flexibility to equip with current and developing technologies
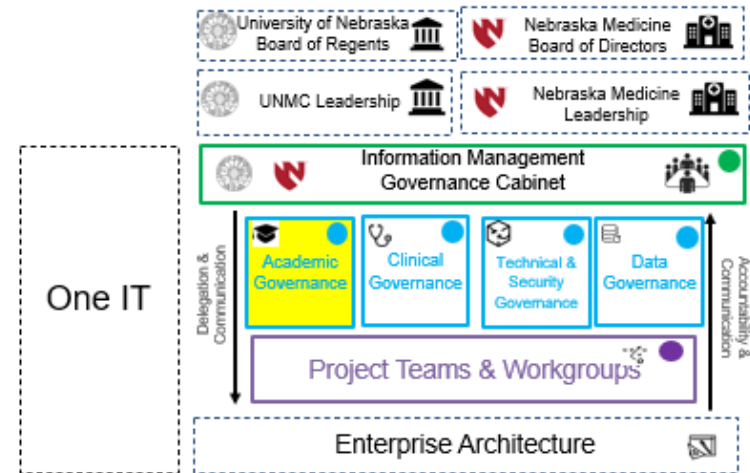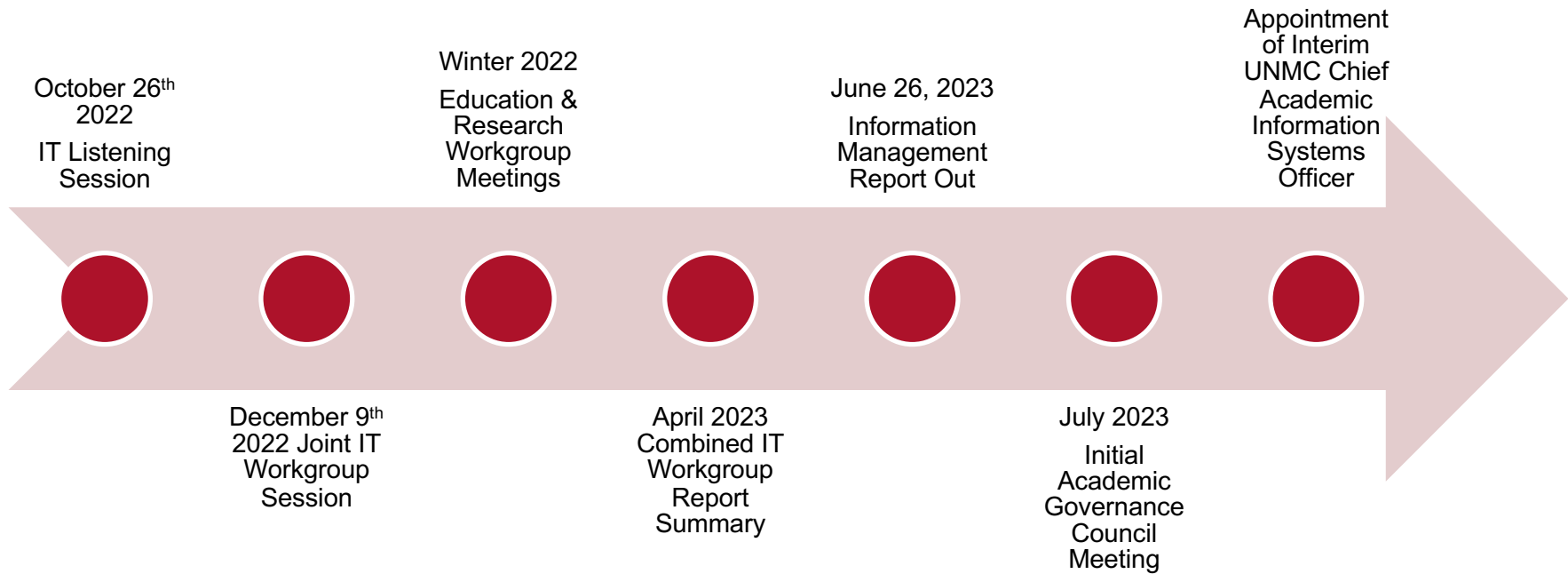
Shared UNMC/NM IT Governance :

Shared UNMC/NM IT Governance :

Key Responsibilities:

🟢 • Establish and align IT strategies to enterprise strategies and objectives
- Authorize initial IT priorities
- Establish accountability by setting and monitoring success criteria
- Communication platform for agreed to IT strategies

🔵 • Direct program implementation for respective domains
- Define strategy according to an agreed roadmap for respective domains
- Define standard service, process, and tool capabilities for respective domain
- Monitor and evaluate KPIs for services, driving continuous improvement for respective domain
- Approval needed for all requests deviating from standards

🟣 • Execute tactical plans based on strategies
- Control project success criteria and budget
- Drive accountability for an individual process, service, or tool
- Drive standardization of processes, services, and tools
- Execute on daily operations

University of Nebraska Board of Regents | Nebraska Medicine Board of Directors

UNMC Leadership | Nebraska Medicine Leadership

Information Management Governance Cabinet

One IT

Delegation & Communication | Accountability & Communication

Academic Governance | Clinical Governance | Technical & Security Governance | Data Governance

Project Teams & Workgroups

Enterprise Architecture

IT Review Timeline

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Information Management Report Out

July 2023

Initial Academic Governance Council Meeting

Appointment of Interim UNMC Chief Academic Information Systems Officer

Academic Governance Council Key Functions:

- Direct program implementation for the Academic/Administrative Domain

- Define strategy according to an agreed upon roadmap for the Academic/Administrative Domain

- Define standard service, process, and tool capabilities for the Academic/Administrative Domain

- Monitor and evaluate KPI's for services, driving continuous improvement

Academic Governance Council Key Functions:

- Assure IT systems and technologies adequately support UNMC's educational, research, technology innovation and administrative needs

- Approve requests for deviation from standards

Academic Governance Council Members:

- Faculty Senate Representative (Faculty Senate President or their designee)
- Student Senate Representative
- Vice Chancellor for Research
- Vice Chancellor for Business, Finance, and Business Development
- Dean, McGoogan Health Sciences Library
- Associate Vice Chancellor for Academic Affairs
- Associate Vice Chancellor for Business and Finance
- Associate Vice Chancellor for Clinical Research
- Assistant Vice Chancellor for Human Resources
- Assistant Vice Chancellor for Student Success
- Chief UNMC Academic Information Systems Officer
- Chief Bioinformatics and Research Computing Officer

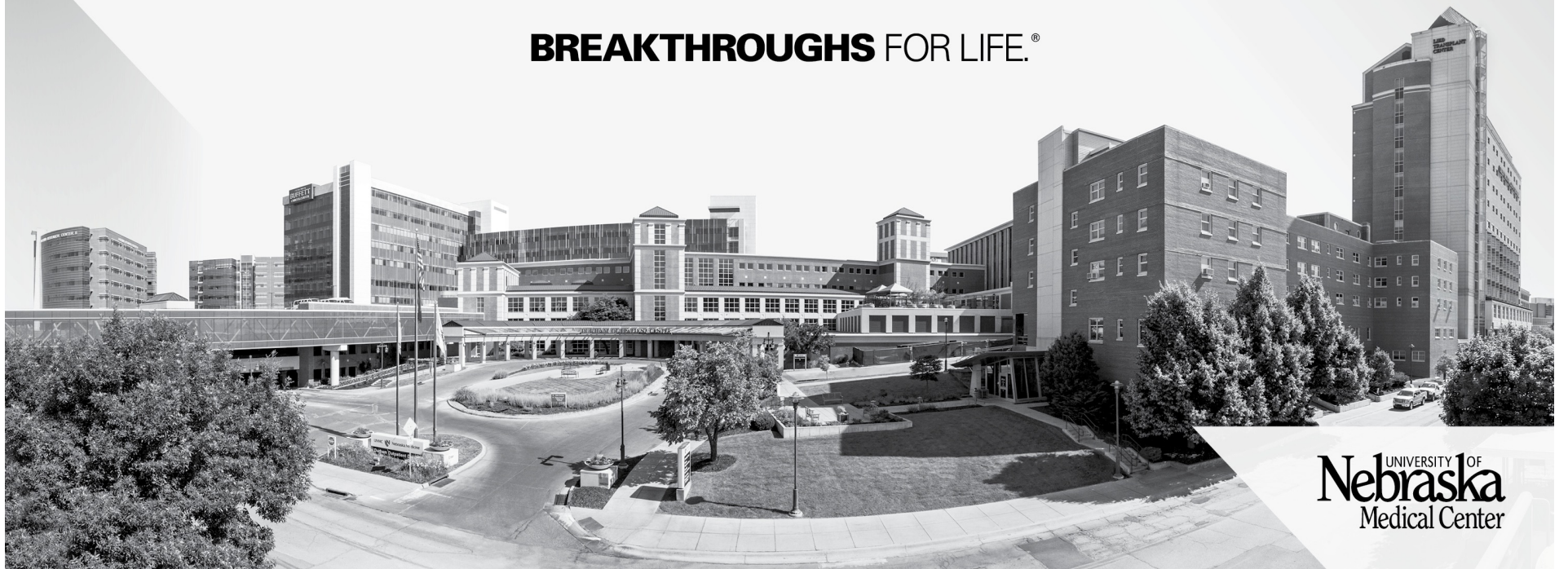# Academic Governance Council Guiding Principles:

- Provide authority, prioritization, decision-making, and maintain accountability to the IM Governance Cabinet
- Make the best technology decisions for the UNMC/Nebraska Medicine enterprise (Academic, Clinical and Research areas)
- Run IT with a business-minded approach
- Simplify end-user processes