

Information Systems & Computing Overview

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University of Pennsylvania

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Vice President*



- ◆ **In support of the Penn Compact we must:**
 - ◆ Recruit, retain faculty
 - ◆ Create resources through effective, collaborative, and innovative approaches
 - ◆ Enhance the quality of experiences for those who interact in the Penn Community
 - ◆ Recruit, Retain, Develop and Manage a Diverse Workforce

Projects/Initiatives Near Term – Some Highlights

◆ **Administrative:**

- ◆ Undergraduate Admissions
 - ◆ Graduate still a question mark
- ◆ PennERA
 - ◆ Proposal Development
 - ◆ Profiler, Polaris, Conflict of Interest
- ◆ Fixed Assets (Property Management)
- ◆ Faculty Information System
- ◆ Electronic Grade Submission
- ◆ Advancement – Imaging
- ◆ Next Generation Student Systems
- ◆ Course Evaluation
- ◆ FRES – Work Order System

Projects/Initiatives Near Term – Some Highlights (cont.)

◆ **Infrastructure/Services/Business Continuity**

- ◆ Wireless in College Houses
 - ◆ Wireless everywhere?
- ◆ Next Generation POBox
- ◆ Payment Card Industry Compliance
- ◆ Network Funding Model
- ◆ VoIP Pilots
- ◆ Central Authorization Services
- ◆ SPIA
- ◆ Scan and Block
- ◆ MAGPI/I2

Key Short Term Issues

- ◆ **Manage expectations, scope, timelines and availability of functional partners**
 - ◆ Desire for solutions seemingly “on demand” outstripping available resources, funding and available management
- ◆ **Compliance and Security Initiatives bring ever increasing spending and resource pulls**
 - ◆ Complexity of security “layers” (firewalls, Scan & Block, etc.)
 - ◆ Compliance, PCI, COI, CALEA, E-Discovery
 - ◆ What’s next?
- ◆ **Vendor Driven Changes**
 - ◆ VISTA, IE 7.0, Thunderbird
 - ◆ Oracle/Peoplesoft “Fusion”

Long Term Initiatives/Challenges

- ◆ **Unified Communications**
- ◆ **Social Networks**
- ◆ **Tagging**
- ◆ **Next Generation of Student Systems**
- ◆ **Business Intelligence growing**
 - ◆ Scrutiny (Spelling Commission)
- ◆ **Sensor Networks**
- ◆ **Globalization**
- ◆ **Being a “fast follower” to new technology adoption**
- ◆ **Innovation**
- ◆ **Sustainability**

Some Longer Term Implications of Where We Are Today

◆ **Organizational ownership**

- ◆ Managing computing environment from the perspective of an owner yet satisfying expectations of people who use it
 - ◆ Virtualization to segregate personal and professional use

◆ **Knowledge workers (collaborative workplaces)**

- ◆ Participation in teams, external participants, organizing communities
- ◆ Digital identities

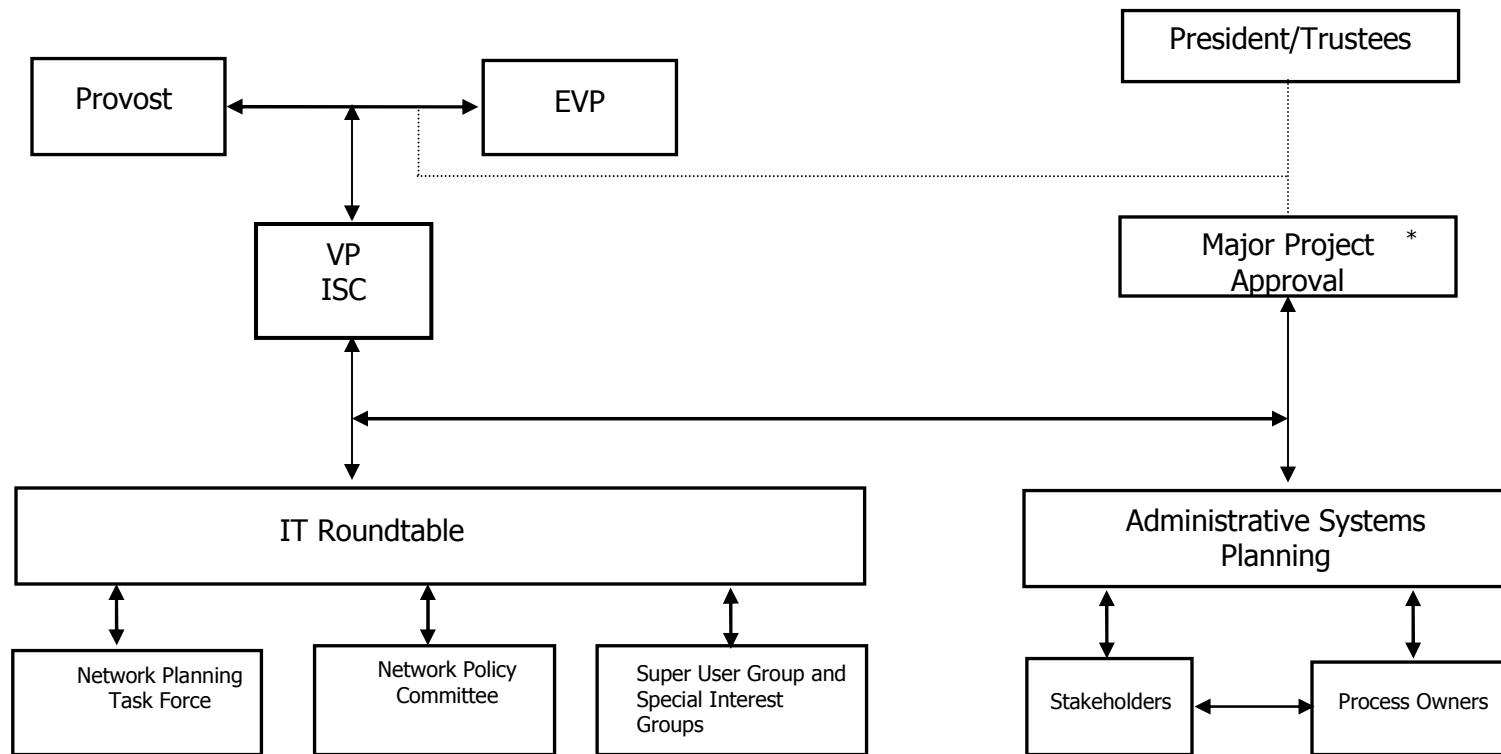
◆ **Research support**

◆ **Email is passé**

Appendix

IT Governance

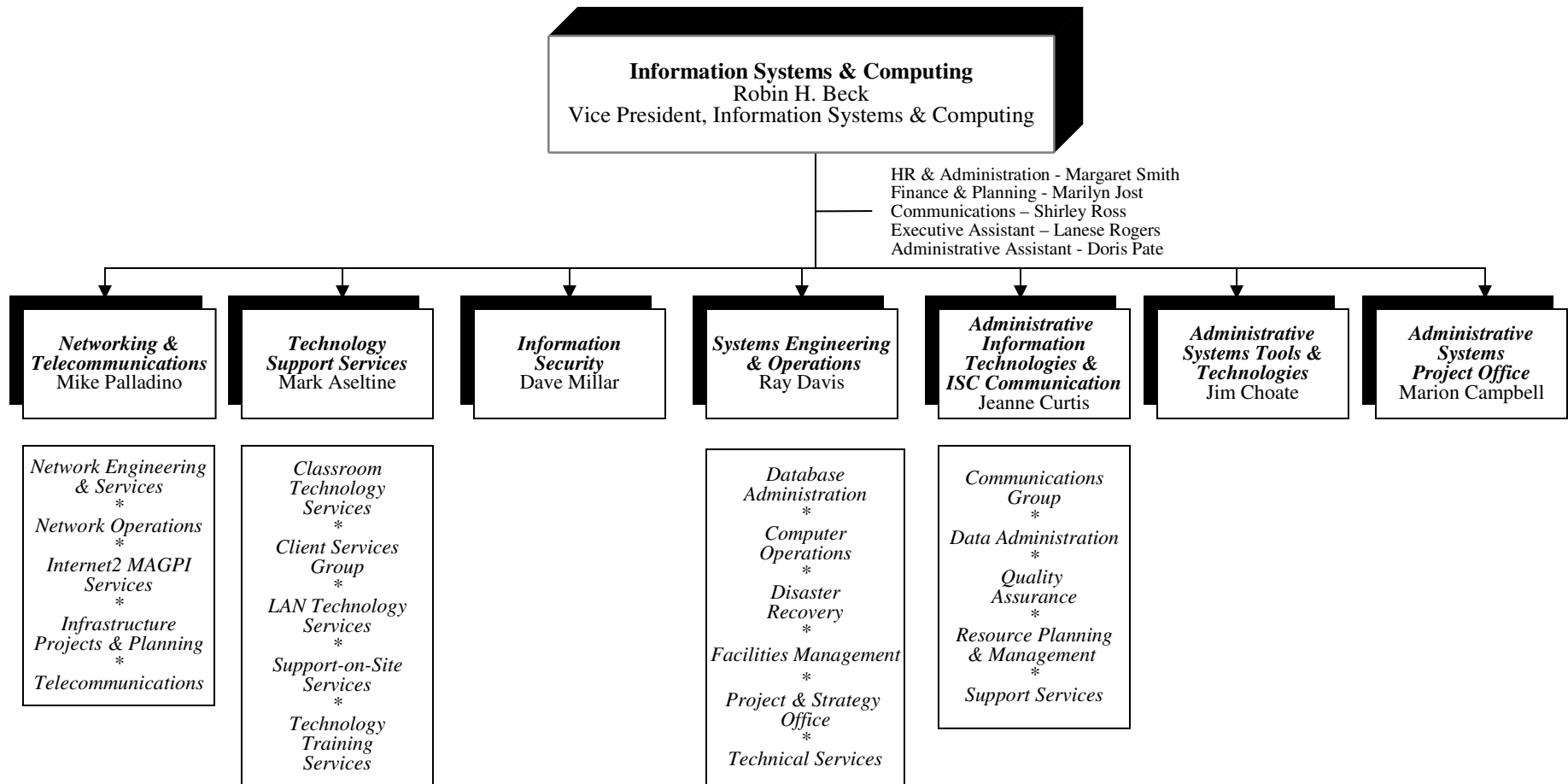
- ◆ **Informed and broad University governance and advising make sure our priorities are right**



* Depending on funding, planning priorities set by process owners

- ◆ **ISC's *MISSION, VISION AND VALUES* provide a common framework, focus and culture**
 - ◆ Our mission sets forth, in general terms, the broad intent of the organization
 - ◆ Technology leadership through collaboration for today's solutions and tomorrow's innovation
 - ◆ Our vision for ISC is a statement of what the organization wants to become
 - ◆ We embrace the challenge to deliver quality on demand
 - ◆ Our values are the operating principles that enable ISC to achieve overall goals and objectives
 - ◆ Customer service
 - ◆ Teamwork
 - ◆ Results orientation
 - ◆ Innovation/creativity

ISC Organization



* Find out more: Penn Portal (Computing Resources Link) <http://www.upenn.edu/computing/isc/home/about/units.html>