MEETING MINUTES
RESEARCH AND DEVELOPMENT COMMITTEE

DATE:        APRIL 14, 2015
TIME:        1:00 PM TO 2:30 PM
LOCATION:    UNIVERSITY HALL, ROOM 420B
CHAIR:       MARK FAULKNER
CALL TO ORDER

Jane welcomed the new committee members and asked for introductions. Nelson Vincent will attend the May meeting and give the committee its formal charge and explain IT Governance.

Present: Bruce Burton, Jane Combs, Mark Faulkner, Matt Hartman, Brett Harnett, John Kennedy, Michael Richardson, Kurt Roberts, Larry Schartman, John Wallrodt

Apologies: Ted Baldwin, Richard Beck (will attend starting in the fall), Steven Doehler, Dama Ewbank, Changjoo Kim, David Linger, Leslie Schick, Mario Medvedovic, Phil Taylor

BUSINESS

IT Architecture Principles document

• Anton Harfmann, chair, Core Services and Shared Infrastructure, presented the IT Architecture Principles document

Action Item:
1. Committee members to review document and send suggestions, comments, changes to Anton Harfmann (harfmaac@uc.edu) or Gary Grafe (grafegw@uc.edu) – all members
2. Due Date: May 14, 2015

UCScienceNet (UCSN), NSF funded dedicated-research network

• Kickoff meeting with Co-Pi’s this Thursday, April 23, 2015. Plan for network to be available to Co-PIs by end of June.
• UCScienceNet will act as network engineer’s and researcher’s test bed for the efficient transfer of big data across the UCSN, OARNet and Internet2 networks.
• Additional cost of $35K to connect to network if not Co-Pi.

Action Items:
1. Committee will approve communication that will go out to university explaining the process to connect. Is Office of Research still interested in funding up to 5 additional nodes? - Jane Combs to ask IT Council
2. Because the network is designed to be friction-free with no firewalls, UCSN team will work with OIS to ensure it is secure.

High Performance Computing (HPC) resources

• Ohio Supercomputer Center (OSC) has an open RFP to purchase next generation supercomputer. State funding has been approved up to $12M for the cluster. Chairs of the R&D committee were part of RFP evaluation team but need feedback from HPC users to ensure RFP meets UC’s HPC cloud needs.

Action Item:
1. Mark Faulkner to share RFP - Committee to review the RFP and make comments
2. OSC Days planning for next fall – Education/training work group to organize
R&D Working Groups/subcommittees briefly discussed

- Emerging Trends and Technologies – Virtual Reality (VR), 3D Printing, Open Source Software Management (GitHub), etc.
- Cyber infrastructure (UCScienceNet, HPC, resources)
- Communication, Training, Education for researchers
- Research Data Governance and Security (joint with Information Security committee)

**Action Item:**
1. Approve working groups and volunteer - all
2. Identify and document charter for each – working group members