FACULTY SENATE
SENATE ASSEMBLY
UNIVERSITY OF MICHIGAN

Ruthven Building
1109 Geddes Avenue, Suite 1120
University of Michigan, Ann Arbor, MI 48109-1340

Information Technology Committee (ITC) Minutes

Meeting Date: March 21, 2024 3-4:00 pm (regular meeting)
Circulated: 9/20/2024
Approved: 9/24/2024

Present: Magda Ivanova (Chair), Varun Agrawal, Mashon Allen (VP's Chief of Staff), James Crawford, Ivo Dinov, Yun Jiang, Luis Marques, Ann Marshall (FSO), Amir Mortazawi, VP Ravi Pendse, Maura Seale, Deirdre Spencer (SACUA liaison), Quentin Stout, Sonia Tiquia-Arashiro, Jeffrey Yackley.

1. Chair Magda Ivanova called to order and there were no objections to approving the minutes.

2. Announcements
- Chair Magda Ivanova invited ITC members to send Magda suggestions for the final ITC report. Magda thanked the committee for all their input during the past year.
- VP Pendse thanked Magda for her leadership. The efforts to keep Maize free originated in ITC, and Ravi expressed his appreciation for the committee and invited ITC members to reach out to him.

3. Presentation and discussion on research computing infrastructure, with special guest Brock Palen, Director of Advanced Research Computing (ARC)
- VP Pendse introduced Brock Palen, noting that he is a U of M alum with a degree in nuclear engineering and radiological sciences, and a long-time Michigander.
- Brock provided an overview of ARC and the U-M Research Computing Package (UMRCP), which is no-cost for UM faculty at all campuses and includes 80,0000 CPU hours of high-performance computing (about 70% of PIs use), 10 TB of Turbo high-performance storage (covers about 98% of faculty needs), and 100 TB of Data Den archive storage. See also fee-based Locker Large-File Storage.
- The UMRCP Requesting Resources Guide offers guidance on 1) how to submit a request, 2) a link to the ITS Sensitive Data Guide, and 3) how to choose the right package for your needs, i.e. Great Lakes (High Performance Computing (HPC) Cluster with accelerated 3D Graphics for visualization), Armis2 (HIPPA-aligned and otherwise similar to Great Lakes), SES (Secure Enclave Services), Lighthouse (HPC Cluster for Researcher-Owned Hardware), Open OnDemand (HPC web interface for those new to HPC).
- Open OnDemand offers a web interface is a great way to get started.
- Globus helps researchers move data in and out of the university.

4. Topics discussed included:
- Regulatory constraints on data can be complex and ARC is available to help faculty navigate these issues. A question was asked about EAR99, which is the lowest classification and should not be presenting challenges to faculty and students.
- The use of Deep Blue for the library and for HathiTrust, with interest in having the university invest in enhancements for Deep Blue.

- Faculty are encouraged to apply for NSF data funds and such external funds help bolster U-M data offerings overall.
- VP Pendse is in the process of looking into ITC member questions about larger GDrive partitions for UM Research Cores, i.e. U-M Centers and Institutes. Both Dropbox and individual faculty GDrives have presented challenges for U-M research centers and this may inhibit grant funding efforts.

5. Chair Magda Ivanova will communicate with ITC by email regarding the final report.

Meeting adjourned.

Respectfully submitted,

Ann Marshall (FSO, Faculty Governance Coordinator)