Educational & Research Technologies Committee
Minutes
Microsoft Teams
April 14, 2021

Present: Chris Burns (Faculty Senate), Hung Do (BSAD), Deb Ellis (CAS), Steve Kostell (CALS), Helen Read (CEMS), Lyman Ross (LIB), Regina Toolin (CESS), Tim Tourville (CNHS), Bob Wildin (LCOM), Marie Wood (LCOM), John Yin (CAS)

Absent: Luben Dimov (RSENR), Vacant (SGA), Vacant (GSS)

Guests: Simeon Ananou, Mike Austin, Sam Hooker, Andrew Vorvat, Tessa Lucey, Sharon McMullen, Brian Prindle, Julia Russell

Co-Chair Helen Read called the meeting to order at 9:00 am via Microsoft Teams.

1. **Minutes.** The minutes of March 2021 were approved as written.

2. **Reseach Data Protection.** Brian Prindle and Sam Hooker did a presentation on Reaseach Data & IT Securuty Regulations on Safe Guarding Controlled Unclassified Information. To see the complete report please contact the Faculty Senate Office.

3. **Secure Management of Computers within the UVM Enviornment.**

   Secure Enclaves for Regulated Computing

   (NIST 800-171 Compliant Environments for Research, GLBA, HIPAA, and Others)

   Brian Prindle; Exec. Dir., Research Administration & Integrity Tessa Lucey; Dir., Compliance Services & Chief Privacy Officer Sam Hooker; Director, Information Security for ERTC 20210414

   Purpose

   - Certain data handled by UVM units are not only protected by our own policy, but require safeguards pursuant to law or contract.
   - Requirements recently imposed upon Federal research funding has highlighted a need for tightly-scoped, attestable computing environments.
   - These needs have existed for a long time in some units; most have been addressed at the unit level, rather than institutionally.
   - Compliant environments could suit the needs of multiple units with minor variations.

     • Research (OVPR) Health (LCOM) Finance (SFS)

Resource Implications

- Taking an iterative approach

- Proof-of-Concept thought/tabletop exercise to fuel gap analysis.
- "Version 1" to be available on standby in anticipation of declared need (OVPR use case).
- Future iterations to incorporate observed- and anticipated needs as program matures.

• Version 1

- to leverage either technologies already in ETS's portfolio or turn-key commercial offerings; either requires commitment of HR and/or funds; and
- necessitates development- and documentation of processes/procedures; requires commitment of HR.

• Future

- Offerings to scale based upon how pervasively security requirements propagate throughout funding angencies and other sectors with potential to influence UVM's operations.
- Resource needs are likely to fluctuate in response to "resident" population.
- Like ant program, "care and feeding" will be necessary throughout its lifetime.

Status

- OVPR leading an effort to satisfy DFARS clauses being implemented in contracts which mandate NIST SP 800-171 compliance when handling CUI; other Federal grant funding will soon contain similar stipulations.
- ETS is partnering to engineer compliant technology packages.
- LCOM is partnering, as the bulk of UVM's active DoD awards were granted to their PIs; current awardees have been surveyed re: CUI.
- Other potential beneficiaries are being approached to ensure a design which suits the broadest slate of foreseeable needs.

What Do You Need to Do?

- Understand the need for compliant workflows.
- Alert your constituencies to the coming changes.
- Solicit feedback and relay to ETS.

4. **Expansion of Multi-Factor Authenticacation.**

Multifactor Authentication (Duo) updates

The University of Vermont

Prior to 2020

- Hundreds of individual servers

- Administrative access to infrastructure services.

- Remote access services like UVM's VPN, and our virtual desktop infrastructure.

- Many applications have had Duo protection for quite a while now. Some examples include: Peoplesoft, Banner administrative access, Slate, CATCard mobile app…

The University of Vermont

Since early 2020

- Rave - March 2020 for nearly all w/ access, now required for all

- Drupal - March 2020 for editors of top sites

- Qualtrics - July 2020

- Salesforce - Aug 2020

- Cohesity - November 2020

- Office 365 - Jan 2021 for all administrative accounts and select users

- PeopleAdmin - Jan 2021

The University of Vermont

What's next?

- UVM Click (after June 2021)

- Maximus (in 2021)

- Blackboard for faculty/TAs?

- Office 365 services?

- Other?

The University of Vermont

5. **Election Update.** The Faculty Senate Office has opened the nomination period for chair / co-chairs for the 2020-2021 term. The nomination period will close tomorrow and the Faculty Senate will conduct an electronic election.

6. **New Business / Oldusiness**.
   a. Please e-mail Helen, Marie or the Faculty Senate Office with any agenda items.

The meeting adjourned at 10:30 am.

The next meeting of the ERTC will take place on May 12th at 9:00am on Microsoft Teams.