ITCC Annual Report 2017-2018

For ITCC annual reports and information about monthly ITCC meetings, see

http://facultysenate.mst.edu/infortechnology/

Elected officers

• Chair: John Singler, Mathematics & Statistics
• Vice chair: Andreas Eckert, Geosciences & Geological & Petroleum Engineering
• Subcommittee chairs:
  o eLearning: Matt Sauer, Student Council; Jeff Schramm, History & Political Science
  o Computer security: Daniel Tauritz, Computer Science
  o Research: Richard Dawes, Chemistry

The ITCC met approximately once per month during the fall and spring semesters. In addition, the ITCC had a special meeting Wednesday 5/2/18 at 4 pm to discuss IT fy19 budget cut items. The following issues were addressed by the ITCC in the 2017-2018 academic year:

1. Research computing
   a. Richard Dawes, chair of the ITCC research computing subcommittee, led a successful initiative to improve high-performance computing (HPC) on campus
   b. A $500k upgrade to the Forge cluster is complete and in use
   c. Missouri S&T has committed an additional $400k for 2018-2019
   d. The Center for High Performance Computing Research was established

2. Email security (faculty senate referral)
   a. Multiple colleagues asked the faculty senate to investigate the claim that a small number of faculty members are able to read every faculty email
   b. The faculty senate referred this issue to the ITCC
   c. The ITCC contacted Dan Uetrecht (IT CIO) and Karl Lutzen (IT Information Security Officer)
   d. Karl Lutzen investigated and informed the ITCC that at Missouri S&T, only IT information security staff are able to access faculty email – and only after an approved electronic records access request
   e. An audit of the entire UM System was performed, and this showed that only IT information security staff, system administrators, and security analysts can access faculty email – only after an approved records access request
   f. The ITCC chair addressed the faculty senate twice concerning details about this issue
3. **IT budget cuts and related planned service cuts**
   a. IT GRA funding: Overall reduction of $1.5M since FY16
   b. Funds have been taken out of the student IT fee to cover salaries
   c. IT reported difficulty in finding/hiring qualified staff for certain positions; part of the difficulty is that IT is not able to offer competitive salaries
   d. IT proposed service cuts (due to future budget cuts) was a major issue addressed by the ITCC: when IT shared a proposed list of planned service cuts at a regular ITCC meeting, immediate feedback was given to IT at the meeting; IT provided more detail about the IT budget in the special ITCC meeting; ITCC representatives consulted with department/unit heads about the proposed cuts; further feedback was collected via email; based upon this feedback, official requests concerning the planned cuts were sent to IT in May; more discussion concerning this issue is expected in the 2018-2019 academic year

4. **Further topics**
   a. Two-factor authentication, cell phone policy, purchasing policy (BPM 1204), UM system staff work activity survey, UM system negotiated software contracts, blocked email issue (resolved by IT)
   b. Details can be found in the ITCC meeting minutes

The first meeting of the 2018-2019 academic year will be announced via the ITCC email list.