Faculty Advisory Committee on Technology (FACT)

Meeting Notes

December 7, 2018

Present:	Sean Hurley, Chairperson, CAFES	Colleen Twomey, CLA
	Patricia McQuaid, OCOB	Scott Hazelwood, CENG
	Andres for Gregory Scott	Alison Robinson, AVP for ITS
	Patrick O'Sullivan, CTLT	Kathryn Hammer, ITS
Absent:	Jesse Vestermark, Library	Cesar Torres Bustamante, CAED
	Jeff Nadel, CENG	Thomas Gutierrez, Physics Dept
	Gregory Scott, CSM	Peter Schlosser, CLA, Academic Senate
	Jennifer Klay, CSM	
Guest:	Paul Jurasin, Director, New Programs for Digital Transformation Hub	
Next meeting:	January 11, 2019 at Building 02-24, 9:10 – 10am	

1. **Announcements**

   The President's Cabinet approved the new IT Governance structure. IT Services will follow up with Sean (FACT Chairperson) for scheduling future meetings with the new Information Technology Management Council (ITMC). The new workgroup name for FACT is "Learning & Research Technologies Workgroup."

   Al Liddicoat submitted a project request to implement Turnitin. The strategy is to try Turnitin for two months, and then determine the next steps. Patrick O'Sullivan is reaching out to faculty to organize a pool of faculty to test the new software during the Winter Quarter. The software could possibly be available to roll out to faculty for the Spring Quarter.

   Patrick shared that there is a broader effort/conversation to look at how to provide resources to prevent plagiarism and cheating. Conversation continued about how to incorporate a code of ethics into the education and Cal Poly culture.

2. **Digital Transformation Hub (DxHub)**

   Paul Jurasin, Director for the Digital Transformation Hub, presented. He shared a new video that ITS and Amazon Web Services (AWS) produced together about the DxHub. Paul shared history about how the DxHub and partnership with AWS came to be. Cal Poly is the first university innovation center for AWS. Arizona State University recently announced that an innovation center will be there, too.

At the DxHub, the team works to bring together (public sector) experts in their field and experts in technology to solve challenging problems. The process applies to any topic, i.e. agriculture or kinesiology.

The DxHub team includes AWS staff and ITS staff and students. The DxHub brings real-world learning experiences for students. The innovation flow focuses on design thinking. Paul walked us through AWS' process; they call it working backwards. The process focuses on the customers and solving real challenges. Steps in the process include: Identify, Engage, Define, Prototype, and Realize Value. The DxHub is considering a new phase after Prototype to assess the validity of a solution.

Sample challenges include: Pest management – lygus; Cattle tracking and health monitoring; Evidence-based policing; Virtual laboratories; Graffiti analysis and tracking; Digital evidence collection; and Racing event management. Paul discussed each of the sample challenges. Not all solutions are technology, some are policy changes or new applications.

Discussion about how more students can get involved. The DxHub might publish a list of challenges that students might be able to tackle as a senior project. Paul and Patricia McQuade (OCOB) will work on coordinating with OCOB data analytics students. Students might be able to help with testing.

Customers are not charged for the DxHub services. Discussion about how AWS is a big partner in this effort for the DxHub, providing staff and engineering resources. The partnership carries over to partnership with the university to bring information technology to the cloud, trouble-shooting with ITS staff to design solutions for bringing our infrastructure to a current state in order to be able to migrate to the cloud.

3. **Next Meeting:**   **January 11, 2019**

- Carry forward the agenda.