

Research & Development Committee Meeting Minutes

Date: Tuesday, October 10, 2017
Time: 1:00 PM - 2:30 PM
Location: University Hall, Room 420

Present: Larry Schartman, Brett Kottmann, Brett Harnett, Jane Combs, Phil Taylor, John Wallrodt, Chris Collins, Michal Kouril, John Kennedy, CJ Kim, Annette Ready, Kurt Roberts

Apologies: Ted Baldwin, Adam Chekour, Tiffany Grant, Chris Noel, Abdulaziz Bahha

1. Review and Approve Meeting Minutes

- As a result of technical difficulties, there are no September meeting minutes.

2. Indiana University Research Technologies Benchmarking and Discovery Trip (Jane Combs and Phil Taylor)

- Jane Combs organized a small group of UC staff to visit Indiana University on October 2, 2017 to meet with Craig Stewart, the Director of the Indiana University Research Technologies Institute. The purpose of the trip was to develop a relationship with IU and for them to advise Nelson Vincent, CIO, and Pat Limbach, VP for Research, while they develop a UC Strategic Research Plan. Once they have a strategic plan, they will seek funding. UC has reached out to Case Western, Purdue and Indiana University as well.
- **Attendees from UC:**
 - Nelson Vincent, VP and CIO for Information Technology
 - Annette Ready, Assoc. VP UCIT Innovation and Partnerships
 - Dr. Phillip Taylor, AVP Research Strategic Implementation – Office of Research
 - Jane Combs, Assoc. Director, UCIT Research & Development (R&D)
 - Amy Latessa, UCIT R&D Research Coordinator

Attendees from IU:

Craig Stewart, Assoc. Dean Research Technologies & Executive Director Pervasive Technology Institute
Matt Link, AVP (acting), Director of Systems
Dave Hancock, Program Director Advanced Cyberinfrastructure
Robert Henschel, Director Science Community Tools
Eric Wernert, Visualization and Analytics
Therese Miller, Community Engagement and Interoperability

Research & Development Committee

Committee Chair

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Mission Statement:

The Research and Development Committee will review and make recommendations on how the university should implement strategy, policies, processes, and services to support research computing, make recommendations on the IT services needed for research, above and beyond the base level of shared technology infrastructure, and recommend emerging research technologies, platforms, and collaboration tools.

Meeting Schedule:

2nd Tuesday of the month

- The IU institute was created in the mid 90's with 30 full time employees. The group developed a strategic plan for the strategic institute. This plan includes all branches of IU and approximately \$6 million in funding. The initial proposal was partially funded by Eli Lilly and NSF. Eli Lilly donated another \$10 million 10 years later. They are bringing in \$30 million a year as income, with half going back to cost-recovery. IU's President, Michael McRobbie, and other IU high-level executives have a background in IT, and they all believe in this organization.
- IU has 43,000k students, 1100 IT employees with a central IT model. All IT staff are a part of UI-IT. IU has 11-12 large scale multi-research facilities. Their focus is on grant awards. IU's HPC system is integrated within the IT department. IU's focus is on public health; they do not have an engineering program/department.
- **Next steps:** the R&D committee needs to find a Visionary Champion to lead development of UC's research institute. Jane is working on a survey tool to survey targeted research partners in the UC community and will share the draft in the November meeting. The committee is working with Nelson to develop a strategic plan for UC.
 - The Success Model will be when researchers can focus on research and IT supports their IT needs.

3. IT Research Technologies & Services Survey (Annette Ready)

- A draft of this survey will be sent to the committee for feedback before it is sent to researchers at UC.

4. Research Technical Advisory Group Update (Brett Kottmann)

- Brett K. shared the directory of researchers at UC. Brett will contact Bryan Smith or Terri Reid to obtain the list of attendees from the new faculty orientation to ensure new researchers are included in the list.
- The document Brett updated needs to be stored on a database available via the web rather than an Excel spreadsheet stored on a specific person's hard drive. The UC Research Directory is one possibility.

5. Review and Approve Updated Charter (attached)

- The committee provided several suggestions that Brett will incorporate in to the charter and then send back to the committee for more review and feedback with the goal of finalizing it in the November meeting.

6. FISMA Task Force Update (Brett Harnett)

- Currently still waiting for use-cases from Engineering to be posted to AWS.
- The FISMA task force co-chairs (Brett Harnett and Bo Vykhovanyuk) recently met with Gavin Durman, the FISMA expert from CCHMC. Gavin gave the task force several suggestions, including creating a research 'bubble' on Amazon Web Services Cloud (AWS) that can host FISMA and non-FISMA data.
- The Task Force will reconvene to consider the feedback and suggestions and update their recommendations.

7. HPC

- Discussions are ongoing with CCHMC about hosting a HPC cluster for UC. If it is approved by UC, a pilot will be implemented. The decision is dependent on compliance issues regarding CCHMC being the host.

8. Adjournment

- Committee adjourned 2:25 PM.

