Research & Development Committee

Meeting Minutes

Date: Tuesday, April 10th, 2018
Time: 1:00PM – 2:30PM
Location: University Hall, Room 420b


Guests: Erma Fritsche, Debby Bird

Apologies: Abdulaziz Bahha, Tiffany Grant, Changjoo Kim, Chris Noel, Micheal Richardson, Phil Taylor,

1. Review and approve meeting minutes
   a. Larry Schartman moved to approve the minutes. Brett Kottmann seconded the motion. The minutes were unanimously approved.

2. Change Management Review Questionnaire (Erma Fritsche)(Presentation in Box)
   a. The efficiency council sponsored a study to review best practice. In collaboration with IT Managers, CAB reviewed change and incident management. They proceeded to review their process and discovered opportunities to evolve the change management process.
   b. Reviewed high level points from the IT@UC Process Improvement Project. Their team is currently on step 5: Assess Conformance to Customer Requirements.
   c. This group is visiting each governance committee gather stakeholder feedback on change management and benchmarking.
d. Administered a poll to the committee consisting of 6 questions regarding how change management has met their expectations and their preferences. The results will be shared later aggregated across governance.

3. Research Technical Advisory Group Update (Brett Kottmann)(Presentation and Graphs Handout in Box)
   a. UCScienceNet Presentation
      i. There are two attachments: the first one is the UCScienceNet PowerPoint Presentation and the second one are graphs of data they have been gatherings about data transfer speeds.
      ii. There was discussion about the results from the graphs Brett shared with the group. The numbers represent averages of transfers speeds for each tool. During this discussion, the topic of UC’s edge router came up and that it is slowing down data transfers. The committee had no recommendation. They would like to know more information about the equipment and the funding for it. Action item: Brett Harnett will reach out to Bruce Burton to find out more information about the edge router and will bring information back to the committee.

4. Other Updates
   a. Data Day Review
      i. Overall was a success. There were a total of 161 people in attendance and people were attendance all throughout the day. The discussions led to some really great opportunities for the health sciences side. The advanced workshops of Python went great and those videos should be up online soon.
      ii. Looking for greater funding for next year’s UC Data Day. This was definitely a peak year.
   b. Ohio Super Computer Workshop
      i. There were 30 people in attendance. It was well attended by grad students and one faculty member.
      ii. The fall event is currently being scheduled. There is one workshop held on each side of campus, one on east and one on west. In the fall, one will be held in Langsam and one will be held in engineering due to the people attending the east campus workshop travel over from west campus.
   c. Jet Stream
      i. As part of the Data & Computational Science Series (UCIT R&D and UCL) for receiving the Universal Funding Award, UC hosted JetStream in Langsam library for two days in March. Over the two days, there was a 3 hour broad presentation with a Q&A and two sessions where people had the opportunity to get into the environment.
      ii. Hope to get Bridges, JetStream’s sister company, on campus in May to start training. They are a piece of the puzzle for HPC!
iii. JetStream will be back on campus on May 2nd for two sessions, an Intro to JetStream and XSEDE and an OpenStack API Tutorial. This event will describe JetStream in greater detail, as well as how its unique combination of hardware, software, and user engagement support the “long tail of science.”

d. The issue of global storage came up and the committee agreed it needs to be addressed.
   i. Need to look into other places to store data and their transfer speeds. UC needs an enterprise solution for storage. Some researchers are saving to Box and Langsam saves to Isilon.
   ii. This topic came up in the IT@UC IT Managers Committee meeting. They discussed the idea of holding a summit for topics that need more time, conversation and input from more people than one individual committee. Storage was one of the specific topics that the IT Managers committee agreed needed a summit.

e. Research & Innovation Week
   i. Suggested next year JetStream, Bridges, and UCScienceNet could be involved

f. Agenda Items for May
   i. JetStream
   ii. Storage Issues
   iii. Invite new AVP to meeting – Chrissy will invite him to the June meeting.

Save the Dates

Office of Research

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<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Location</th>
<th>Event</th>
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<tbody>
<tr>
<td>April 19th</td>
<td>2:30-4:00 pm</td>
<td>400C TUC</td>
<td>Talking to Your Program Officer</td>
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<tr>
<td>May 2nd</td>
<td>10:30 am-4:00 pm</td>
<td>475 Langsam</td>
<td>DCS² workshops - JetStream</td>
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<td>May 21st</td>
<td>Time TBD</td>
<td>462 Langsam</td>
<td>Jupyter Notebooks/Data Visualization Workshop</td>
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<td>May 30th</td>
<td>Time and Place TBD</td>
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<td>Storymap Workshop</td>
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CCTST

April 27, 2018 – 11:00 AM- Clinical Informatics – James Lee, PhD, Co-Director, Digital Humanities/Digital Scholarship Center, University of Cincinnati – UC’s Digital Scholarship Center and Text Mining Across Disciplines - Location: Children’s S10.130
Upcoming DCS² workshops:

May 2nd, 2018 – 10:30am-4:00pm – JetStream – Jeremey Fischer (IU). Location: 475 Langsam
Attendees are max 20-30 people.

  10:30 – 11:30 am: Intro to Jetstream and XSEDE
  1 – 4pm: Jetstream Gateways OpenStack API Tutorial (Using the Jetstream API)

NSF’s Jetstream Cloud is an Infrastructure-as-a-Service platform comprised of two geographically isolated clusters, each supporting hundreds of virtual machines and data volumes. The two cloud systems are integrated via a user-friendly web application that provides a user interface for common cloud computing operations, authentication to XSEDE via Globus, and an expressive set of web service APIs. Jetstream enables on-demand access to interactive, user-configurable computing and analysis capability. It also seeks to democratize access to cloud capabilities and promote sharable, reproducible research. This event will describe Jetstream in greater detail, as well as how its unique combination of hardware, software, and user engagement support the "long tail of science."

May 21st – Jupyter Notebooks / Data Visualization Workshop – Time TBD – Location: 462 Langsam – Instructor: Bill Mcmillin (UC), others to be identified

May 30th – Storymap Workshop – Time and Place TBD – Instructor: Josh Sadvori (OSU)