RESEARCH CYBERINFRASTRUCTURE WORKGROUP
October 12, 2015
1-2:30pm, Aldrich Hall 107

Introductions

Review Committee Charge
- *The goal of the workgroup is to build on the 2013 Faculty Assessment of the State of Research Computing effort to develop a "Research Cyberinfrastructure Vision" that significantly advances UCI research and scholarship capabilities.*

Defining "*Research Cyberinfrastructure*"
- *Cyberinfrastructure consists of computational systems, data and information management, advanced instruments, visualization environments, and people, all linked together by software and advanced networks to improve scholarly productivity and enable knowledge breakthroughs and discoveries not otherwise possible. [EDUCAUSE, 2009]*
- Review "*Developing UCI's Research Cyberinfrastructure Vision*" Outline

Discuss Strategy and Timeline
Proposed:
- Reach out to others on campus, other institutions, discuss each element of RCI in committee meetings; draft a vision, seek feedback on that vision, strengthen vision based on that, take back to Academic Council and Provost
- Create a draft by January, finalize in March?
- Coupling with campus strategic planning process

Roundtable discussion
- What RCI elements/services are key in your discipline; now and in the immediate future?
- Gathering additional perspective: arranging discussion in your school or discipline with members of the committee; reaching out to colleagues at other institutions to see what works there; inviting speakers to share perspective with the committee
- What institutions with strong RCI might we visit or invite on campus?
- Other outreach? Vendors with roles/vision in RCI; Institute for Innovation

RCI Symposium in January

Other Topics
- UC System-wide white paper development
- RCI Engineer grant/recruitment
- Recent "Campus Cyberinfrastructure" meeting in Austin
- Focus of next meeting: outreach sharing; start focused discussions of RCI needs

Committee Organization:
- Co-Chairs: Suzanne Sandmeyer, Dana Roode
- "Executive Committee:" Suzanne Sandmeyer, Dana Roode, Padhraic Smyth, Filipp Furche, Ali Mortazavi, Lorelei Tanji, Laura Smart, Allen Schiano
- Administrative support: Nyma Cain

Core Workgroup:
- Suzanne Sandmeyer, Biological Chemistry
- Padhraic Smyth, Computer Science / Data Science Initiative
- Ali Mortazavi, Developmental & Cell Biology
- David Mobley, Pharmaceutical Sciences
- Filipp Furche, Chemistry
- James S. Bullock, Physics & Astronomy
- David Theo Goldberg, Comparative Literature and Anthropology / Humanities Research Institute
- Said Elghobashi, Mechanical & Aerospace Engineering
- Jasper Vrugt, Civil & Environmental Engineering
- Aparna Chandramowlishwaran, Electrical Engineering & Computer Science
- Bryan Sykes, Criminology, Law and Society
- Crista Lopes, Informatics
- John Crawford, Dance
- Lorelei Tanji, University Librarian
- Laura Smart, E-Research & Digital Scholarship Services Librarian
- Dana Roode, Chief Information Officer & Associate Vice Chancellor
- Allen Schiano, OIT Research Computing

Additional Interested Parties:
- Elizabeth Martin, Psychology and Social Behavior
- Susan Turner, Department of Criminology, Law and Society
- Doug Tobias, Chemistry
- Keith Moore, Earth System Science
- Ioan Andricioaei, Chemistry
- Michael Franz, Computer Science
- Babak Shahbaba, Statistics
- Soroosh Sorooshian, Civil & Environmental Engineering
- Feng Liu, Mechanical & Aerospace Engineering
- Jesse Colin Jackson, Student Art