

CSMD Staff Meeting – February 3, 2009

Attendee: Barney Maccabe, Lora Wolfe, Nancy Wright, John Turner, John Drake, Rich Graham, Al Geist, Jack Wells, George Ostrouchov, Travis Humble (for Jacob Barhen), Robert Harrison, Ed D'Azevedo, Jeff Vetter, Daniel Pack

- \* Barney will be visiting UT next Tuesday, February 10, 2009.
- \* Barney would like to receive 1 to 2 overview slides from each group.
- \* Barney will be looking more at the finance part of the division and groups and will consider both short term and long term funding streams.
- \* Barney is interested in starting/maintaining a colloquium series and distinguished lecture series. Barney would like to coordinate or merge CSMD seminar series with NCCS seminar series.
- \* Barney plans to invite Jim Hack to be on CSMD advisory committee and he will also serve on NCCS advisory committee.
- \* Nancy has sent out email about SULI, RAMS and summer students. The MPO (material purchase order) has to be sent out by February 28. Nancy expects about 30 RAMS students. Nancy will send instructions to the admins on how to view the resumes or if you would like to see the resumes please contact your admin.
- \* The directorate will start recruiting for the Chief Information Officer and JICS director, and CSMD will start recruiting for 2 technical group leader positions (Math, Stat).
- \* Barney will work on bringing more visibility in Math/CS and define long term direction.
- \* Thomas Zacharia would like to hire people in computational science in areas such as climate, chemistry, biology. There was discussion about bringing in people as JICS research associates. The Research Associates cost about 1/2 of regular staff position but cannot participate in proposals to NSF and DOE. Jack Wells suggests a career ladder or more advancement opportunities within JICS. Another suggestion is to hire people through the computing center so that the new hire has 50 percent stable funding out of the center.
- \* ASCR plans to have a call (\$3.5M) on cyber security (data centric) related to intrusion detection. There will likely be a call related to math for petascale data analysis.
- \* There is some discussion about a possible Math/CS (virtual) institute, perhaps as follow on for IAA.
- \* NSF/UT Kraken machine is in production mode as the biggest academic computing resource on the teragrid.

- \* Workshop on preparing JICS proposal at 2pm Tuesday, February 03, 2009. If you cannot make it to the workshop then you can contact Don Reed, 241-3704 for instructions on how to submit a proposal through UT.
- \* Lawrence Livermore will get 2 BlueGene/P, one is a 500Tflops development machine for a larger 20Pflops machine (1.6 million cores, each core has 1GBytes of memory).
- \* 2 DOE Computational Science Graduate Fellows (CSGF) will work with Robert Harrison's group and 1 CSGF will work with John Drake's group.
- \* Space will be a problem in summer when the interns arrive since some of the "spare" offices in JICS building are now occupied.
- \* There will be a Lustre Workshop at ORNL on scaling luster.
- \* Daniel Pack and James Gergel are collecting publications and highlights related to ASCR funding. The effort will hire around 5 temps to enter the data into excel spreadsheet that will be merged into a database.
- \* Research enclave will be down over the weekend (February 7-8) and restart on Monday morning (February 9). John Turner has been trying out the XCAMS password system. There are some issues about firewall exception and opening ports. Discussion about role of IT and how IT might support research activities or IT ask for input before major policy changes. Barney suggests inviting someone from the CIO office to come to one of the staff meetings. Greg Winfree is the cyber security officer assigned to CSMD. Barney would like to meet with Greg.
- \* John Turner expects extra funds (around \$2M) related to nuclear fuels project. Some of the work may be in a broad category of "fundamental methods and models" that may include upscaling, CFD, and reactor modeling.
- \* Folks from Sandia will visit ORNL to discuss collaboration in climate modeling next week.
- \* Robert Harrison has been trying out virtual cloud computing on amazon.com. It seems to be viable for capacity computing.
- \* Issue was raised about how slow the approval (for SIAM CSE09) in the conference planning tool is even with 60 days of advanced notice.