Meeting Minutes
Research Board
Date: 15 November 2012
Time: 1500 - 1630
Location: MAE Conference Room

Present:
Jeffrey Paduan, Dean of Research
Deborah Buettner, RSPO
Kevin Wood, Associate Dean of Research/OR
Jim Newman, SSAG
Amela Sadagic, MOVES
Fernand Marquis, Meyer Institute
Imre Balogh, MOVES
Joel Young, CS
Uday Apte, GSBPP
Ira Lewis, RSPO
Pante Stanica, MA
Mark Nissen, IS
Clay Moltz, NSA
Qing Wang, MR
Phil Pace, ECE
George Dinolt, Cebrowski Institute
Ira Lewis, Research
Chris Twomey, NSA
Robert Harney, SE
Marcello Romano, MAE
Kevin Smith, PH

Not Present:
Frank Barrett, GPPAG
David Tucker, DA
Wieslaw Maslowski, OC/Faculty Council Rep.
John Colosi, OC/UW

Visitors:
Alison Kerr, Cebrowski Institute
Jeff Haferman, ITAC
Kalev Sepp, DA
COMMUNICATIONS

Dr. Paduan opened the Research Board meeting by introducing Jeff Haferman, Director of Research Computing, who presented on High Performance Computing (HPC). Initially, he was hired to create a supercomputer that would be available for use by all of NPS. In the past, faculty groups were purchasing individual clusters which was costly and more labor intensive to ITAC. In January 2009, the Hamming supercomputer was installed in Ingersoll Hall. In 2012, the Hamming hardware was replaced which increased performance.

The system operates at approximately 50% usage and that number is increasing. There are approximately 150 users that include both faculty and students. The type of research conducted would not be able to be done without the supercomputer. The school pays for the resource with mission funds but there is little in the way of funding support staff and hardware. This presents a real challenge for continuing to run the HPC and keep abreast of developing technology.

(PowerPoint presentation given by Jeff Haferman provided on Research Board website.)

Kuali Coeus Update

RSPO sent two employees to the Kuali Days conference. NPS is in the process of getting Kuali Coeus installed into the current system architecture. Kuali Coeus should be available shortly on campus. RSPO will work with and evaluate the system before launching to the campus population. Kuali Coeus is a research administrative module originally designed by MIT. Many campuses across the country utilize this module. There is a testing module for Coeus available on the Kuali website. Interested faculty can interact with and test the system. It is important to note that the NPS version will look slightly different.

STEM Internship Coordination

Finding ways to support internships and STEM outreach is a main goal of the Dean of Research. The Navy needs STEM programs. One method to mitigate the recent restrictions on indirect is through the STEM program. Alison Kerr has been tasked with the position of campus intern coordinator. The idea is not to replace the NREIP committee, but to be able to help faculty members identify programs and serve as a point of contact. It should be noted that these are not admin internships. It is important that faculty be educated on the different programs for research interns.

Alison has worked with a group of Hartnell students for several years wherein the students are paired with faculty in an area of common interest. Brown Bag luncheons will be held to help educate faculty on the various internship programs available.

The internship programs are as follows:
ONR Science and Engineering Apprenticeship Program (SEAP)- High achieving high school students interested in science, technology, engineering or math. This program runs for approximately 8 weeks and has a negotiable start date. Cost: $3225 – Must be R&D funds

ONR Naval Research Enterprise Internship Program (NREIP)- Civilian college students (undergraduate or graduate) studying science, technology, engineering or math. This program runs for 10 weeks.

Community College Catalyst- Hartnell students who are taking internship prep course at Hartnell. This program runs for 8 weeks. There is no cost to faculty as the program is funded by NSF ATE grants through Hartnell.

US Naval Academy Midshipmen- Midshipmen are encouraged to participate in an internship typically between their junior and senior years. This program runs from 22 July-14 August (17 days on site). The only costs associated are for travel and per diem (approximately 5K).

MIT 2013 Army Labs ISN Summer Intern Program – MIT students studying wide range of subject matter- basic research, applied research or both. The program runs from 10 June- 23 August and costs up to $2684/month.

Additional information can be found at: https://wiki.nps.edu/display/STEM/NPS+-+STEM+Landscape

DISCUSSION

NPS Littoral Operations Center Intro

The purpose of the NPS Littoral Operations Center is to enhance the U.S. Navy’s integration of land, air, sea and undersea operations along the world’s coastlines, through interdisciplinary research and development involving all departments and schools at NPS. The center will conduct and promote the study of US Navy and allied policy, strategy and technology necessary to emerging strategic challenges and global crises.

There are two technical aspects associated with the center. Littoral is related to the shoreline and one of the components is the Navy’s new littoral ship. The second component is related to combining other US Naval vessels and technologies for operations in the future. Administrative costs are approximately $177,000 in the first year. SAAB Sensis Corp has already started paperwork to expedite the organizational process of the center. A CRADA is in development in order to incorporate Saab Sensis.

Dr. Paduan noted that it is important to discuss and approve/disapprove the center application. One of the reasons for centers, in addition to fostering interdisciplinary work, is to help with the marketing and present the face of a concept. Several of Professor
Sepp’s initiatives are awaiting approval of the center. The center is looking at future concepts but there are also clear cut projects awaiting the formalization of the center so that they can be worked on.

A motion to approve the center is voiced, seconded and the Littoral Operations Center was formally approved.

(The Littoral Operations Center Proposal can be found on the NPS RB website.)

**Latest Research at NPS/ PowerPoint Project**

Research briefs are an integral part of educating entities outside NPS about the school and the research conducted. The current brief needs to be updated and assistance is needed from the Research Board. A Sakai site will be set up where board members can upload their most recent briefings.

**Research Board Charter Addition re: Research Info Systems**

The Research Board charter needs to be re-examined. This issue came up in the Steering Committee on Information Systems. Who is guiding research oriented systems? It is the Research Board and that should be stated in the charter.

Meeting adjourned at 4:45 PM.