



ITACS

Information Technology and Communications Services

Naval Postgraduate School, Monterey, California

Technology News

September 2005

Streaming Media Proves Its Value

From September 12-23, **Dr. Benjamin Roberts** and associates began teaching the “Joint Executive Systems Engineering Management Program” course. Due to several conflicts, including travel delays caused by Hurricane Katrina, 25% of students were unable to physically attend the first few weeks of the class. Thanks to the video steaming system, these students were able to access lectures online through the video streaming portal from their various locations, which included Washington, D.C., San Diego, and Ocean Springs, Mississippi.

Web Re-Design Project

ITACS and the **Dudley Knox Library** will be leading the NPS web re-design project during **Dr. Julie Filizetti**’s fellowship in FY06. The decision was made to focus on transitioning the DKL site as a top priority since it is one of the largest and most complex content sites at NPS, and will provide the greatest dedicated resources for completion. The project will begin in October, and is expected to be completed within three to six months. **Ms. Layne Williams** and **Dr. Christine Cermak** will be briefing **Admiral Dunne** and meeting with the Deans and Chairs to provide information on the project’s status — specifically with regard to individual department’s transition plans to the new web presence.

ITACS Develops Web-Based Training Application

ITACS has developed a web-based application for presenting training, and for tracking those who have completed the training. The application was recently used for Information Assurance training, and is being readied to be used for training required by the Research Office and the EEO Office. This tool will make it easier for members of the NPS community to receive required training by making the training available on the web, while allowing the responsible department to track completion, and to send reminders to those who have not completed the training.

Lawrence Livermore National Laboratory Hosts NPS Visit

As a result of **Dean Leonard Ferrari**’s work to establish closer ties with colleagues at **Lawrence Livermore National Laboratory (LLNL)**, **Mr. TR Kancher** of LLNL hosted a visit from an NPS team on September 30th. The team included: **Dr. Christine Cermak**, **Ms. Terri Brutzman**, **Mr. Don Stark**, **Mr. Joe LoPiccolo**, **Mr. Jon Russell**, **Mr. Tracy Hammond** and **Mr. J.P. Pierson**. The objective of the visit was to strengthen collaborative ties between the two institutions, specifically focusing on high-performance computing, visualization, information assurance issues, and connectivity.

The SharePoint Thesis Processing Project Begins

The SharePoint Thesis Processing Project is underway. Using SharePoint for thesis processing, the recommended option for students to use for this quarter, provides version control - which previously was not available. Typically, theses have been passed between students, faculty advisors, and the thesis processors via e-mail, which made tracking changes more difficult, and put greater loads on the network and on e-mail servers. Since the document remains in one location, SharePoint allows easy access for one, or multiple authors, whether it is on-campus or from remote locations using VPN, better control over reviews and changes, and site protection, so only students, their advisors and the thesis processing office can access the document. ITACS believes this is only the first of many projects to employ SharePoint technology for information sharing and document collaboration at NPS.

NPS and DLI Discuss Collaborative Projects

Dr. Christine Cermak met with **Major Jorge Serafin**, CIO of Defense Language Institute, to discuss collaborative projects using the Monterey Peninsula DoD-Net. **Major Serafin** is interested in continuing to work with NPS student teams on DLI IT projects.



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POM08 Proposals

POM08, the long-range program/budget plan for NPS, includes the following proposals:

- A proposal for ITACS, consistent with the ITACS Strategic Plan, *The Information Revolution: Planning for Institutional Change*, updated to include completion of recent milestones in the plan and new requirements
- A proposal for Instructional Technology, reflecting the requirements identified in the NPS Instructional Technology Plan. This plan was based on the University of Wisconsin model, and funded for two years at approximately \$600K annual levels by NETC. The funding was not provided in FY05 and requires formal programmed funding
- A proposal for Institutional Assessment, requesting support for an assessment program at NPS, led by the Office of Institutional Research, in order to support accreditation activities and recently redefined Navy priority on assessment. This includes academic program review, a panel of surveys, a management information system for routine institutional data collection, and targeted analyses for institutional improvement.

NHEITC Strengthens Its Ties

Dr. Christine Cermak held a videoconference with members of the Navy Higher Education Information Technology Consortium, (NHEITC), comprised of CIOs from the Naval War College, and U.S. Naval Academy. Discussion focused on a consortial approach to recent data calls.

I-Net and CENIC

On September 2, **Mr. Fred Cohn**, CIO, City of Monterey, and **Mr. Gil Gonzalez**, CIO of California State University – Monterey Bay, met with **Dr. Christine Cermak** and **Mr. Hank Hankins** to discuss future I-Net plans and CENIC connectivity for the region.

ITACS Celebrates Its Newest MCSE

Mr. Jay Franklin of ITACS has completed his training and exams, and is now a Microsoft Certified Software Engineer.

All-Hands Training for ITACS Personnel

On September 7th, the All-Hands training for ITACS personnel featured a presentation on the New Technology and Innovation Center (NTIC) by **Mr. Joe LoPiccolo** and **Mr. Jon Russell**.

ITACS Briefings

Dr. Christine Cermak attended a meeting of the Research Advisory Board, and presented data showing ITACS resources used to support reimbursable research.

Dr. Christine Cermak and **Ms. Terri Brutzman** provided a briefing for NPS leadership on the current status of the Information Assurance Program at NPS.

Reports from the Internet2 Meeting

Dr. Donald Stark reported the progress of his work as a lead of the high-performance computing group (HPC).

Dr. Christine Cermak reported on further developments related to connectivity to CENIC. Dr. Cermak also agreed to contact **Dr. Fran Kurfess**, professor of Computer Science at Cal Poly, to confirm the date for his possible visit to NPS. Dr. Cermak also volunteered to brief the Deans about Internet2.

Mr. Tracy Hammond provided information on videoconferencing resources available at NPS.

Dr. Amela Sadagic noted that in regards to digital video activity, MOVES is getting DVD materials from Gigaconference and they will share that material with the group as an illustration of high-performance videoconferencing. Dr. Sadagic also proposed that NPS participate in **Megaconference VII** in early December. http://www.osc.edu/press/releases/2005/megaconference_call.shtml.