The **New Technology and Innovation Center** is currently conducting a digitization project involving Xerox all-in-one devices. The project involves testing the feasibility of replacing a separate copier, fax, printer, and scanner with an all-inclusive device. Xerox has agreed to loan NPS two devices for 90 days. A Xerox Workcenter 265 has been installed in IN-162, and a DocuColor 250 has been installed in GL-276. Anyone interested in using these devices is invited and encouraged to do so.

DLI CIO **Major Jorge Serafin** invited **Dr. Christine Cermak** and **Mr. Hank Hankins** to meet with **Dr. Don Fischer,** Chancellor of DLI, and **Dr. Neil Granoien,** Vice-Chancellor for Language Science and Technology. **Mr. Jeff Weekley** (Research Faculty, MOVES Institute) did a presentation on the Arabic Avatar project. **Mr. Joe LoPiccolo** outlined the process of streaming media implementation at NPS. **Dr. Cermak** presented an overview of NPS network capabilities, and the Monterey Peninsula DoD-Net.

Dr. Christine Cermak gave the IT Task Force a recap of the visit to NPS by **Ms. Mary Phillips,** IT Director of the Monterey Peninsula Unified School District, and her staff, on November 9th. **Dr. Cermak** told the group that this visit was an important one to share plans, policies, and technology strategies. More meetings will occur in the future as La Mesa School is connected to the Monterey Peninsula I-Net, and as NPS continues to cultivate relationships with other educational institutions within the community.

In September 2005, Interim Library Director, **Ms. Layne Williams,** and **Dr. Christine Cermak** were asked to take on the web re-design project, which has focused on the Dudley Knox Library. Last year, an NPS committee recommended purchasing the Content Management System (CMS) to support the project. Currently, over 600 pages of content are being reviewed and distilled into a smaller number. Once the contract has been issued by FISC, the Dudley Knox Library web re-design project will be completed within 3-6 months.

Dr. Donald Stark has reported that NPS now has a High-Performance Computer Center, located in Spanagel Hall, Room 301. The Center has a cooling unit, raised floor, a UPS unit on the first cluster, and is a locked facility. The 32 processor cluster Anastasia is up and running, and the 5 Processor cluster is for students' use. Dr. Stark will arrange a meeting with Fleet Numerical Meteorology and Oceanography Center (FNMOC), to explore communications networking and possibly support virtual storage space systems as shared-resource projects. View the site at: http://www.oc.nps.navy.mil/~stark/HPC/hpc.hrml.

The DoD issued a department-wide Network Security Stand-down, which occurred on November 29th. Many steps were taken by ITACS personnel in preparation for this stand-down, most of which involved reviewing and confirming configurations and practices; however, the biggest impact was the requirement for all user and administrator passwords to be changed. Information was sent to remote users, and posted on the Intranet for resident personnel, to provide advanced notice, and to minimize any negative impact to the end-user. Additionally, the TAC was prepared to handle remote requests for assistance, as well as any increased walk-in traffic. Despite some technical issues that required additional work for the ITACS staff, the Network Security Stand-Down had minimal impact on the user-base, and was considered a success.

The **Network Security Group** (NSG) was recently realigned from the security directorate to the information resources directorate. The staff, comprised of one officer and 6 enlisted personnel, will retain their focus on network security and will have many opportunities to work closely with the ITACS staff on various projects. This realignment provides a valuable opportunity to leverage resources to accelerate progress on our Information Assurance program.

Representatives from Charter Cable TV met with **Mr. Hank Hankins** on November 30th to discuss possible changes for La Mesa housing cable access.

During November, the Technology Assistance Center (TAC) answered a total of 1,862 calls, 1,138 of which were resolved by the Tier 1/Tier 2 areas. The remaining calls were answered by other ITACS departments/groups. The TAC staff also assisted 150 users in GSBPP and CCMR in archiving and/or moving files, and in troubleshooting, both prior to and after their migration to the ERN network — all within a ten-day period. During the Network Security Stand-Down, over 500 customers who required assistance were also helped by the TAC.

Mr. Tracy Hammond and **Dr. Christine Cermak** conducted a walk-through of all the classrooms on campus. A report of inventory will be presented to the IT Task Force in January 2006.

Dr. Christine Cermak met with the President of CENIC, **Mr. Jim Dolgonas,** CSUMB CIO **Mr. Gil Gonzalez,** and CSU system and Vice-Chancellor for Technology, **Mr. David Ernst**, to discuss the finalization of access plans for connectivity to CENIC.

Mr. Joe LoPiccolo, Mr. Jon Russell, and **Ms. Debbie Kreider** of the New Technology and Innovation Center (NTIC) presented a recap of the annual Educause conference, held on November 14th, to all ITACS personnel.

Dr. Fran Horvath, Director of Institutional Research, attended the California Association for Institutional Research (CAIR) annual meeting in San Francisco from November 16-18th. Attendees heard about various topics relating to research including presentations on OLAP reporting, survey and qualitative analysis software.

News from the IT Task Force Meetings

Mr. Hank Hankins informed the group that the ERN migration for GSBPP was completed on November 16, 2005, followed by the completion of the migration by CCMR. The transition for GSOIS is slated to begin in early December.

Mr. Alan Pires told the group that four SharePoint training sessions had been offered to date and that ten students and one faculty member had attended. Mr. Pires asked that faculty encourage their Distance Learning students to use SharePoint, so that ITACS can test it.

Ms. Judit Sedillos summarized the benefits of the new print management system being used by the Dudley Knox library, which is expected to improve efficiency, and reduce paper waste.

Dr. Doug Brinkley hosted the group in his lab in Ingersoll, where he demonstrated and explained the results of his current testing of both Sun Microsystems' and Expanion's thin-client systems. Discussion ensued about possible uses for this multiple-user system on the NPS campus, including the library, classrooms and LRCs. **Dr. Christine Cermak** suggested that Sun Microsystems be invited to visit NPS, after which decisions regarding the next steps can be made.

Mr. Tom Halwachs and **Mr. Tom Hazard** developed a technology plan for OCL, which summarizes the IT requirements of the Fleet concentration Area (FCA) offices, and the IT support that is necessary to sustain operations at these remote sites. The document also contains a summary of the requirements for both the FCA and for resources.

News from the Internet2 Meeting

Dr. Christine Cermak noted that NPS is invited to attend the **CENIC** conference in Oakland, California in March 2006. To date, **Dr. Alex Bordetsky, Mr. Brian Steckler, Dr. Don Brutzman** and **Mr. Joe LoPiccolo** have all submitted proposals to speak at the conference, which will not only increase the visibility of NPS, but also feature its high caliber of research.

Dr. Amela Sadagic informed the group that a new prototype for the Internet2 web pages has been developed by **Mr. Todd Wyatt** of ITACS. The final pages are expected to be completed within a month.

Members of the **Digital Video Working Group**, as well as other ITACS personnel, will be attending the 2006 training workshop for Internet2 Commons site coordinators held at Ohio State University.

Because all federal agencies need to support IPv6 protocol by June 2008, **Mr. J. P. Pierson** has begun exploring applications that would serve as drivers on IPv6 activity. An initial quote for the hardware core solution for the entire school is $250,000.

Partnerships and Outreach

On November 3rd, **Dr. Christine Cermak** attended a Marina Tech Cluster meeting, the topic of which was Radio Frequency ID (RFID) tagging. The Marina Tech Cluster is an economic development group that is focused on bringing high-tech businesses to Marina.

Dr. Fran Horvath and **Dr. Christine Cermak** participated in a USC consultants' visit on Academic Program Review on November 14th.

Ms. Eleanor Uhlinger has been appointed the new Director of the Dudley Knox Library, and will begin her tenure at NPS in March 2006. Ms. Uhlinger is currently the Associate Director for Woods Hole Oceanographic Institute.