EXECUTIVE
Sustainability: The California State University Sustainability Advisory Committee (SAC) is a group of Chancellor’s Office and campus representatives convened to review and renew policies pertinent to the issue of sustainability and the Capital Outlay Program. Subcommittees (planning, design, construction, plant, energy, and education and research) have been formed to address different aspects of sustainability in the capital program.

The Planning Subcommittee met in October to finalize guidelines for the CSU Master Plan process to provide campuses with the coordinative elements for supporting sustainability policy in future campus capital facilities. These principles and guidelines will be used for all new and existing campus master plans.

The Education and Research Subcommittee was recently formed to bring faculty members into an active role regarding the sustainability discussion. This subcommittee will meet in December for the first time. The subcommittee will develop curricular recommendations and service learning opportunities not only to educate CSU students, but also to capitalize on student and faculty interest in pursuing sustainability on campus and in adjacent communities. The faculty members were selected by the Executive Committee of the Academic Senate and include: Karina Garbesi, Professor, Geography and Environmental Studies, CSU East Bay; Elizabeth Perluss, Assistant Professor, Counseling Department, CSU Los Angeles; Kyle D. Brown, Associate Professor, Department of Landscape Architecture, Director John T. Lyle Center for Regenerative Studies, Cal Poly Pomona; Hilary Nixon, Assistant Professor, Department of Urban & Regional Planning, San Jose State University; Margot McDonald, Professor and Co-Director, Renewable Energy Institute, Architecture Department, Cal Poly San Luis Obispo; Marshelle Thobaben, Chair, Academic Senate CSU; Paul Parsons, Member at Large, Academic Senate CSU. In addition, the provosts will be represented by Scott McNall, Provost and Vice President for Academic Affairs, CSU Chico.

2007 Training Program: Training programs occurring in the first quarter of 2007 will be open for registration by the end of November. The sessions scheduled for the entire year can be viewed at http://www.calstate.edu/CPDC/Trg2007.shtml to enable staff to hold the calendar dates now. There is a broad array of courses addressing topics pertinent to the capital program and plant operations, including the newer focus areas of sustainability and energy project development and financing.

CSU Facilities Management Conference 2007: The CSU Facilities Management Conference 2007 will be in Sacramento at the Hyatt Regency, Capitol Park and the adjacent Convention Center. Using space in both properties will comfortably accommodate educational programs for both general assembly and breakout sessions, as well as Information Exchange with exhibitors. Campus and Chancellor’s Office staff have volunteered to serve on the planning committee, which will begin meeting this November.

Nancy Freelander-Paice, Executive Program and Fiscal Manager

FACILITIES PLANNING

UC/CSU Bridging the Town-Gown Divide Conference: Facilities Planning participated in the joint UC/CSU Conference on Bridging the Town-Gown Divide held on October 12, 2006 at the UC Davis campus. The conference featured state-wide
participation by mayors and legislators, as well as numerous UC and CSU campus representatives. Workshops focusing on transportation and housing provided opportunity for discussions on practical models for coordinating campus and community planning to achieve common goals in improvements for residential and commuter students. These workshops enabled CSU planners to share successful projects and promote strategic measures that have streamlined the delivery process for housing and transportation projects at the Sacramento, San Bernardino, San Jose and San Diego campuses. Faculty/staff housing projects at Channel Islands and Fullerton were also presented.

Larry Piper, Chief of Facilities Planning

LAND USE PLANNING & ENVIRONMENTAL REVIEW

The trustees considered a proposal to establish a new off-campus center of CSU Sacramento at the November board meeting. In March 2003, the board considered an information item regarding a conceptual plan to establish a CSU Sacramento Off-Campus Center in Placer County. The proposed site is roughly 25 miles northeast of the campus.

The Sacramento region has experienced substantial growth in the last decade with over 480,000 people living within Placer County or its vicinity. Based upon population projections, the county's population could exceed 605,000 by 2020. The off-campus center would provide an opportunity for transfer students from several local community colleges; campuses that currently exceed 70,000 enrollment and are projected to grow to over 95,000 by 2020.

Placer Ranch Developers, with the leadership of Mr. Eli Broad, a business leader and philanthropist for education, propose to gift approximately 290 acres to the California State University as well as provide additional funds necessary to construct an initial facility to establish the off-campus center within their total development of 2,500 acres. The planned development is located outside the city of Roseville, approximately one mile west of the State Route 65/Sunset Boulevard interchange. Placer Ranch is proposed to consist of office, commercial, and industrial space, and 3,000 residential units.

The basis for off-campus education projects is to provide regular academic degree programs in geographic areas not adequately served by existing CSU campuses. In order for the improvements to be successfully completed in a timely manner, the implementation and financing of the public infrastructure requires significant coordination of the respective resources planning by the CSU and the Developer. Accordingly, a Memorandum of Understanding (MOU) will delineate the responsibilities of the various parties regarding planning, financing, and design and construction of the necessary improvements, and the conditions and criteria that will be incorporated in a gift of land and Development Agreement. This MOU will be brought to the trustees for review prior to execution.

David Rosso, Chief of Land Use Planning & Environmental Review

ARCHITECTURE & ENGINEERING

State Fire Marshal Fees Stable for FY 06/07:
State Fire Marshal fees will remain steady at $140 per hour for all CSU services for the current fiscal year. CPDC will continue to coordinate payments to the office of the State Fire Marshal for all campus invoices. The CSU is obligated under law to secure State Fire Marshal approval for plans, field inspections for capital projects under construction, and periodic safety inspections for existing buildings.

The Division of State Architect (DSA) Not to Renew DSA/CSU Pilot Program for Access Compliance Reviews: As of July 1, 2006, full DSA access compliance review fees apply and systemwide plan review private firms are no longer allowed to coordinate submittals to DSA on CSU's behalf. Fees for access compliance review are relatively modest, but do represent an incremental cost for CSU capital projects. The long-standing concern regarding the often lengthy review times by DSA remains a larger issue. Review delays translate to a cost burden that could be eliminated if the CSU were to manage its own reviews.

Thomas Kennedy, Chief of Architecture and Engineering

CONSTRUCTION MANAGEMENT

The following projects comprise the preliminary list selected for 2006-07 construction audits by the University Auditor:
The State University Administrative Manual Update: The State University Administrative Manual (SUAM), Section XII, Construction Management has recently been updated. Staff may access it through the Capital Planning, Design and Construction website: www.calstate.edu/cpdc/suam.

Jim Corsar, Chief of Construction Management

PLANT, ENERGY, & UTILITIES

The Crooked E (Enron) Case Settles: After five years of court proceedings, mountains of discovery, and endless negotiations with Enron, the New York Bankruptcy Court approved a settlement in September. A special thanks to Marlene Jones, University Counsel, for supporting CPDC and campuses through this case.

Energy Independence: CSU campuses have turned on over 1 megawatt of Photovoltaic (PV) power systems in the past two months, harvesting 350 kilowatts at Chico, 560 kilowatts at Dominguez Hills, and 180 kilowatts of the sun’s energy at San Luis Obispo. These projects are third party, public-private partnerships under a statewide pilot program with the Department of General Services. Sun Edison, the private partner, agrees to design, install, own, and operate these systems for 20 years, selling the power produced back to the campuses at competitive rates. After 20 years the campus can assume ownership of the system or return it to Sun Edison. Fresno and San Bernardino will turn on 1.3 megawatts of PV this spring bringing the total of CSU renewable energy to just over 4 megawatts.

Plant Directors’ Meeting: The Plant Directors met September 29 at San Jose State University. Some of the topics that were discussed included CSU State Employee’s Trade Council labor negotiations, Department of General Services (DGS) Fleet Management regulations and fees, arc flash requirements and the new State Water Board sanitary sewer overflow reporting requirements.

The next quarterly meeting is scheduled to take place in December 2006 at CSU San Marcos.

PCAPPA: San Jose State University was the host of this year’s Pacific Coast Association of Physical Plant Administration’s (PCAPPA) Annual Meeting. The meeting was well attended by the CSU. Several CSU campuses, including CSU Northridge, San Diego State, and San Jose State presented educational sessions. Next year’s PCAPPA Annual Meeting will be a joint meeting with Rocky Mountain APPA (RMA) in Albuquerque, New Mexico in October (2007).

EPA Updates Top 10 List of College and University Green Power Partners: Congratulations to the CSU campuses for their renewable energy achievements. The U.S. Environmental Protection Agency (EPA) has updated its national Top 10 College and University Partners list, which highlights the largest green power purchases made by leading educational institutions in the Green Power Partnership. As of September 22, 2006, the CSU ranked 2nd on the list with its purchase of 75,435,000 kilowatt-hours for the third quarter. The individual purchases of the Top 10 College and University Partners help to drive the development of new renewable energy sources nationwide. For more information on EPA’s Green Power Partnership, visit http://www.epa.gov/greenpower.

Len Pettis, Chief of Plant, Energy & Utilities

INFORMATION TECHNOLOGY. SERVICES (ITS)

Foundational Skills: The CSU has earned the WCET (formerly Western Cooperative for Educational Telecommunications) 2006 Outstanding Work Award for its Math Success and English Success websites, developed by the Center for Distributed Learning. These websites were designed to help students prepare for the Entry Level Mathematics and English Placement Tests they must take after being admitted to the CSU. More information.

eLearning Framework (need this to move this title to the next page)

FIPSE Grant Awarded: MERLOT has received a $680,000 grant from The Fund for the Improvement of Post-Secondary Education, (FIPSE) a program
within the federal Department of Education. The MERLOT ELIXR project is intended to foster and test new collaborations among faculty development centers and online resource repositories to create innovative models for the development, sharing and use of discipline-oriented online resources. The MERLOT ELIXR project team includes the CSU Center for Distributed Learning, seven CSU campuses, three MERLOT state system partners (Minnesota, Georgia and Oklahoma), Coastline Community College, Indiana State University, Brigham Young University and the Ohio State University.

2006 MERLOT International Conference (MIC) update More than 425 people attended the MIC, "Working with and Learning from the World's Best." The MIC, hosted by the Co-operative Learning Object Exchange (CLOE) and the University of Ottawa included more than 150 presentations, workshops, and poster sessions. It received sponsorship support from 12 leading technology companies. The launch of the new MERLOT website, www.merlot.org which includes an improved user interface and new features was a highlight of the conference.

Systemwide Library Initiatives: Originating from the systemwide library strategic plan published in late 2005, a new planning framework for the development of campus-based institutional repositories has been developed. Technical approaches to integrating library resources and services with learning management systems are being explored, and a review of systemwide library facility standards has commenced with the goal of establishing library design standards that best support student success. In addition to the new systemwide initiatives, progress continues to be made in ongoing projects that resulted from previous strategic planning. The Electronic Core Collection has been enhanced with the addition of new full text databases, use of the newly developed scenario-based ICT Literacy Assessment of student skills is expanding, and refinements continue to be made to online library information search and retrieval tools using emerging web services technologies. More information about these projects and a PDF version of the 2005 library strategic plan are available at http://www.calstate.edu/LS/.

TECHNOLOGY INFRASTRUCTURE SERVICES

Infrastructure Build-Out Project - Stage 1 and Stage 2: Stage 1: Eighteen of the twenty-two campus projects in the build-out program are complete. Two of the four remaining campus Stage 1 projects are on track. The other two remaining campuses have encountered contractor issues and their projects are delayed as they work towards suitable resolutions.

Stage 2: While the two campuses that have encountered Stage 1 delays have put their Stage 2 designs on hold, the remaining campuses continue to make significant progress. Chico and Fresno are nearing the completion of their physical designs while Fullerton, Monterey Bay and San Diego are at various points in their implementation phase. The fifteen other campuses have all completed their Stage 2 implementations.

(As a reminder, the ‘phases’ group campuses in the order that they undertake the TII project. ‘Stage 1’ refers to the physical construction of pathways, spaces and media on campuses; ‘Stage 2’ represents the installation of the necessary electronic components.)

Infrastructure Terminal Resources Project Refresh (ITRP 2): ITRP 2 is the first refresh cycle for the network infrastructure installed as a part of Stage 2 of the Technology Infrastructure Build-Out Project. The program is intended to enable campus networks to stay current with network technology and address evolving requirements. ITRP 2 will include the following technology areas of focus;

1. Routing and switching (providing network connectivity and data transfer)
2. Wireless networking (providing users with connectivity without having to ‘plug in’ to a jack)
3. Network security (preventing unauthorized network access)
4. Network management systems (allowing monitoring of network performance)

The alpha implementation of the first phase of the network security implementation was successfully conducted at Humboldt on October 8. The process will be evaluated for areas of improvement; beta implementations will begin in late November at Los Angeles and Sacramento. Phase 2 and 3 of the network security implementations are being developed under the guidance of the Network Technology Alliance (NTA) network security working group. NTA’s wireless working group concluded their bakeoff process and has developed a recommendation for the wireless component of
ITRP 2. The recommendation was presented to NTA on October 17 and to ITAC on October 20 and endorsed by both groups. The decision will soon be announced by the Chancellor’s Office Contract Services and Procurement department.

The NTA routing and switching working group commissioned an analysis by AT&T of the ability of Cisco equipment to continue to meet the routing and switching needs of CSU. The resulting report, which indicates that Cisco equipment can continue to meet CSU needs, has been submitted to the group and a review is underway.

Network Management System (NMS): NMS, a set of software tools that allows campuses to monitor and measure their network performance and quickly identify points of failure when problems arise, has been installed on all 23 campuses.

A Campus Collaboration Center (C3) team has been formed and is meeting weekly to develop a model that allows campuses to collaborate on NMS management. The intent is to provide an efficient NMS solution by working together on the hosting of the servers, the administration of the server operating systems, and the administration of the network management applications. If successful, the concept could be expanded beyond network management to other disciplines.

Network Infrastructure Asset Management System (NIAMS): This asset management tool is a software application that allows campuses to maintain records of their network infrastructure by tracking cables and equipment locations on campus. Implementation is underway on the first wave of campuses and TIS has established a centralized NIAMS application and database support center to minimize campus resource requirements for NIAMS deployment.

NIAMS campus implementations are on schedule: San Jose, Monterey Bay, Pomona and San Marcos campuses are beginning their implementation phases. East Bay, Chico, and San Francisco campuses are still scheduled for staging in early 2007, and a site visit is scheduled for Northridge in mid-December 2006.

The implementation team is planning additional training workshops for campuses. Course details and scheduling information will be provided at a later date.

Campus Access Infrastructure Initiative (CAI): The Campus Access Infrastructure Initiative (CAI), the system-wide program that will install and maintain the infrastructure required to connect each campus local area network (LAN) to the CENIC wide-area network backbone (CalREN), is well underway. This project consists of two phases: installing enhanced network cabling and providing managed fiber circuit connections. Installing these cables and fiber circuit connections will provide improved network reliability, while enhancing network capacity and increasing its stability.

Thirteen campuses now have dual connections. Also, enhanced network cabling installations are pending at the WestEd office in Los Alamitos and Channel Islands. Special construction at the Los Angeles campus should be completed later this month and San Marcos installation is pending a contract between the CSU and CENIC.

In regard to the CENIC Managed Fiber (CMF) circuit installations, Maritime Academy’s first CMF connection is operational and the second CMF should be operational before the end of the month. Monterey Bay’s installation is progressing with a due date pending from CENIC; both East Bay CMF installations should be completed by the end of the month. Sacramento’s CMF circuits are waiting on CENIC hardware installation and should be operational by November. Stanislaus, Fresno, Bakersfield, Pomona, and San Bernardino are waiting on survey information to determine cost details.

Contracts and other written agreements have been signed for the fiber agreement between CENIC and the City of San Francisco, for the San Francisco campus with a possible November 30 installation date.

Identity and Access Management Initiative (IAM): The Identity and Access Management Initiative is chartered with developing and defining the architecture for secure access and data management at the campus level. The mission of IAM is to enable users to access and exchange information from campus-to-campus, campus to other institutions (e.g., K-14), and campus to business (e.g., on-line Library materials), while maintaining security standards and user accessibility permissions.

A presentation of the IAM governance structure was made to the Technology Steering Committee (TSC) at the August 29 meeting. TSC re-affirmed
support of the IAM initiative and approved the governance structure consisting of an Executive Committee reporting to the TSC and two sub-committees focusing on the business process/policy issues and the technical issues. The only addition made to the previously presented governance chart was representation for continuing/extended education.

IAM’s Technical Architecture Group (TAG) met again September 11 and 12. The cost model and proposed timelines presented to ITAC at the August meeting were discussed and agreement was reached that all campuses that do not currently have a central directory will be able to have one in place by end of calendar year 2007.

Emergency Website Project: TIS has been tasked with designing and implementing the technology for a web-based solution that will allow public information officers/public affairs directors at all CSU campuses to publish communications information for students, CSU employees/staff/faculty, media, and the general public, in case of an emergency and the primary campus website presence is unavailable. This solution must be easy to use, require little or no specialized client software and be accessible over any internet connection. It also must be active and available any time— 24 hours a day, 7 days a week. If an emergency occurs, the resource will be activated, allowing users attempting to access a webpage of an existing campus to automatically be redirected to the emergency website. The CSU Emergency Communications Website is meant to be activated in case of an emergency, and will be limited to providing only basic communications information. It is not a disaster recovery site, nor a complete failover site for the World Wide Web presence of an existing campus.

Campus implementations of the emergency website are proceeding, with Long Beach completing the design and publishing of their emergency content and templates. Sixteen other campuses are currently working on their implementations with TIS and CENIC.

Enterprise Architecture (EA): This summer, the EA Steering Committee will focus on conducting an environmental scan and review of business drivers affecting IT. The goal would be to produce a document of commonly shared assumptions about business goals/strategies and environmental factors expected to affect the CSU’s IT operations and services.

The EA Workshop, hosted by TIS with presentations by the Gartner Group, an IT research and consulting firm, was held at the Crowne Plaza Hotel in Los Angeles on Tuesday, October 3. The workshop’s 23 attendees were comprised of ITAC members and campus staff involved in architecture projects and Chancellor’s Office staff. The presentations made by the Gartner Group provided an introduction to the value and positioning of enterprise architecture, and the development of its models and governance structure within the CSU.

Unisys Data Center Transition: The CSU’s new data center includes simplified architecture to reduce support costs, increased flexibility to meet the various different campus needs, a scalable environment, the same architecture design and hardware for production and non-production and improved security controls.

The data center project is currently in the post-transition stage with resources focused on resolving the development environment performance issues. Efforts are currently underway to increase performance in the development environment for campuses.

COMMON MANAGEMENT SYSTEMS (CMS)

Data Warehouse Update: The Data Warehouse Scope committee is continuing its work on a scope revision. An Executive Overview was presented to the CMS Executive Committee (EC) at their October 9-10th, retreat. The Scope Committee will be vetting the overview with Student Administration Implementing Campuses (10/18), Technical Users Group (10/19), Institutional Research Directors (11/10), CMS Project Directors (11/9 requested), Finance Users Group (TBA), Human Resource Users Groups (TBA) and Chancellor’s Office systemwide offices (TBA). The recommendation will be finalized for presentation to the EC at the November 28th meeting.

Student Administration Update: The Student Administration (SA) Team has successfully supported East Bay, Sacramento and San Bernardino Admissions Go live. These campuses, along with campuses that had previously implemented SA, have successfully loaded more than 40,000 applications using the CMS supported Mentor interface. The SA Team successfully conducted multiple web casts in preparation for the
on October 17th, an in-person meeting to "preview" the Degree Audit Presentation in support of the Facilitating Graduation (FacGrad) Initiative. Eleven SA campuses have been participating in the FacGrad Guide group which will conclude with a one-month campus testing period prior to the release of the final project. The SA team supported the "go-live" of Fresno State as the 2nd HR/SA campus to successfully upgrade to v8.9. For the 3rd, CSU's SA Team has been selected to participate in the Oracle Hosted Beta v9.0 program that runs from now until December 1st.

**Training and Documentation Update:** The Training and Documentation (TDoc) team is in the process of redesigning the CMS website to improve content, technology, and design. Content will be reorganized to accommodate the growth of CMS/ITS by adding special projects and new services such as the Data Warehouse, SCO Project, Fees-in-Trust, and Upgrade Services. New web technologies will be used behind-the-scenes to ensure greater usability compliance, and the new Chancellor's Office branding and colors will be applied. The new website is set to launch on January 5, 2007.

**INFORMATION SECURITY MANAGEMENT**

The following nine campuses have been identified for the Unisys Security Consultants to visit for the Systemwide Security Plan Project:

- Large Size Campus
  - Northridge
  - Long Beach
  - San Francisco

- Medium Size Campuses
  - East Bay
  - Fresno
  - San Luis Obispo

- Small Size Campuses
  - San Marcos
  - Stanislaus
  - Sonoma

As of October 19, 2006, San Marcos, Sonoma, SLO and the Office of the Chancellor have been visited. The campus visits will be completed by December 15, 2006.

The target completion date for the draft Systemwide Security Plan (by Unisys Security) is mid-January 2007.

**TECHNOLOGY POLICY, PLANNING, AND ADVICE**

**Measures of Success 2006:** Data analysis and writing are in progress for this year's report. It is the sixth year of measuring progress against the baseline year of 2000. The annual campus survey was revised this year to reflect the current emphasis on security and accessibility. The faculty survey was also revised to include items on LMS and other issues not covered in the past. This year is the third and last in the series for the faculty and staff surveys; the final student survey will occur next spring. Hard copies and CDs will be mailed to the Legislature and campus constituencies in December.

**IT Best Practices:** The year-long study of best practices in IT strategic planning was presented to the Information Technology Advisory Committee (ITAC) at their October meeting. The Strategic Planning (SP) workgroup requested more time for their colleagues to examine the report and discuss its potential implications with their presidents, provosts, IT staff, and others. Given the wide variety of SP practices on the campuses, the workgroup wanted to make sure that any recommendations contained in the transmission to the TSC reflect the consensus of the full ITAC. The report and recommendations will be presented to the TSC in January 2007 should reach the Executive Council in February.

**ADVOCACY & INSTITUTIONAL RELATIONS**

Karen Y. Zamarripa, Assistant Vice Chancellor

**CSU eAdvocacy Pilots Launch Initial Messages:**

After several months of working towards putting together the CSU eAdvocacy Program, the first two of three advocacy messages were launched by the pilot campuses on October 30 utilizing this new system.

These messages and their impact will be used to evaluate the overall advocacy system in preparation for a full launch of the program with the remaining 21 campuses in Spring 2007.

The first message was an introductory one that gave recipients an idea of what this system is capable of doing and introduced them to some of its key elements. That message was followed within a few hours by a secondary “action” oriented one concerning Proposition 1D – the Kindergarten –
University Education Bond, which appeared on the November 7 election ballot.

The two pilot campuses, Sacramento State and CSU San Marcos, will be tracking the responses received from these messages to determine what was effective and what needs to be improved upon. Both campuses are also expected to launch a third message at the end of this month that will involve advocacy activity on the federal level.

Once all three test messages have been released, the overall system will be evaluated in December to determine what steps need to be taken to improve upon what these two campuses have built. A big thanks goes out to the eAdvocacy teams at Sacramento State and CSU San Marcos in making this happen!

**Proposition 1D Approved By Voters – Higher Education to Benefit from This Win!**

Despite on the uncertainty of voter turnout for the General Election on November 7, Proposition 1D, the Kindergarten-University Public Education Facilities Bond Act of 2006 was approved by voters with 56 percent of the vote.

The CSU and all of its auxiliaries should be commended for playing a large role in helping to get the word out on the impact this bond will have. With the passage of this measure by the voters, CSU will receive $690 million over a two-year period to help with campus improvements and retrofitting of old and outdated facilities.

For further detailed information on the election visit the Advocacy & Institutional Relations website at:

**BUDGET DEVELOPMENT**  
*Patrick Lenz, Assistant Vice Chancellor*

Copies of CSU budget reports and other budget information pertaining to the CSU are available on the Budget Development website at:
http://www.calstate.edu/budget/.

**FINANCIAL SERVICES**  
*Dennis Hordyk, Assistant Vice Chancellor*

CSU financial reports and information pertaining to CSU financial assets, liabilities and corporate operation are available on the Financial Services website at:
http://www.calstate.edu/FinancialServices/

The Business and Finance Newsletter is accessible at:
www.calstate.edu/BF/Newsletters/NewsLet.shtml

Questions related to receiving the B&F Newsletter or changes in e-mail addresses should be directed to Majjie Smith at (562) 951-4554 or msmith@calstate.edu.