Lab Helps Students Learn Efficient Energy Method

The nation’s – and possibly the world’s – only cogeneration laboratory built strictly for instructional purposes was recently installed at CSUS by the mechanical engineering department.

The state-of-the-art lab replaces an old steam turbine system that was outdated and difficult to maintain. The new facility will be used by about 100 undergraduate students each year.

The lab is designed for instructional use only. At some point in the future we may use it for research as well, but for right now its purpose is to serve students in laboratory classes,” said mechanical engineering professor Andrew Banta, who co-founded the project with professor Thanh Dinh Ngo. “When we started this project, we did extensive research and could find no other cogeneration lab used for instruction only.

Cogeneration is a process by which waste heat from the process in a second device, the overall efficiency is greatly increased.

The mechanical engineering department will use modern composition data acquisition for reading temperature and pressure.

The $250,000 lab located in Santa Clara Hall is small, so students get plenty of hands-on experience. Funding came from a grant provided by the National Science Foundation and donations from SMUD and PG&E.

“SMUD has been very supportive and takes great interest in cogeneration,” Banta said. “There are now three cogeneration plants in the area operated by SMUD.”

In November, the department plans to host a dedication for the lab. More information is available by calling Banta at 278-6592.

Series Offers Unusual Mix of Disciplines

Sociology professor Tom Kando is upbeat about this year’s Visiting Scholars Program.

“Since last year, funding has almost doubled,” says Kando, chair of the Visiting Scholars Program committee.

The increase allows the program to feature nearly 20 speakers throughout the year.

The interdisciplinary talks include subjects that aren’t often coupled into one lecture. Topics range from Islam and the environment to a talk about the philosophy of the universe.

Subjects are more interrelated than many often recognize, Kando says.

“For every art there is a science, for example,” he says.

The first lecture in the Visiting Scholar Program took place Oct. 13, with poet Sharon Doubiago speaking about feminism and writing. Doubiago holds the Oregon Book Award for Poetry.

Seyyed Hossein Nasr is the next scheduled speaker. His talk, “Islam and the Environmental Crisis,” will be at 7 p.m., Friday, Oct. 22 in Mendocino Hall 1003, and will examine political and environmental issues. The professor of Islamic Studies at George Washington University in Washington D.C. has a doctorate degree from Harvard University and served as the president of Aryanmehr University in Iran. He is the author of more than 30 books with works on various aspects of Islamic studies as well as philosophy and religion in relation to the environment.

On Saturday, Oct. 23, Kate Kinsella of San Francisco State University will give a talk on “Constructive Empiricism: A Continuation of the Livingston Lecture

“Opportunities and Responsibilities for the Professoriate in K-12 Education” will be the topic of this year’s John C. Livingston Lecture at CSUS mathematics professor Scott Farrand. The lecture will be at 3 p.m., Thursday, Oct. 21, in the University Theatre. A reception will be held in the University Union immediately afterward.

The Livingston Lecture is named in honor of the late Jack Livingston, a highly respected CSUS government professor and faculty leader from 1954 to 1982. Livingston was well known as a teacher, scholar and friend to his colleagues, but most of all as an inspiration to a generation of faculty and students.

The annual event, organized by the University Union, immediately afterward.

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CSUS ranks among the top 35 universities in the nation for bachelor’s degrees awarded to Hispanic students according to Hispanic Outlook in Higher Education magazine. More than half (56 percent) the degree recipients were female. The study was based on 1996-97 figures.
Dear Sir/Madam,

I am writing to express my interest in the CSUS Tip-Off Banquet on Wednesday, Nov. 3. I am a member of the faculty at Sacramento State and have been following the basketball team's progress throughout the season. I am particularly interested in the upcoming NCAA Championship.

I have attended several of the team's games and have been impressed with the players' skills and teamwork. I believe that this year's team has the potential to go far in the tournament and I am looking forward to seeing them in action.

If you have any questions, please feel free to contact me.

Sincerely,
[Your Name]
Peace Leader to Appear at U.N. Day Celebration

Former United Nations Assistant Secretary General Robert Muller will present his hopes for world peace through the education of children at CSUS Sunday, Oct. 24 in the University Union Redwood Room.

Muller, a driving force in the United Nations for 40 years, is the featured speaker at the United Nations Association Annual U.N. Day. The event will be from 2 to 5 p.m.

The event also will welcome the upcoming millennium and celebrate the Year of the Older Person. It is co-sponsored by CSUS and the Sacramento Chapter of the United Nations Association.

“At a time when Congress has rejected an international test ban treaty and we have several conflicts all over the world, having Dr. Muller come to talk about peace is terribly important,” says Robert Waste, CSUS director of public policy and administration, and international affairs. “This visit is as important to the campus and the community as hosting the Olympic Trials in Redding.”

Known as the “father of global education” for peace, Muller is the chancellor of the University for Peace in Costa Rica.

He created a “world core curriculum” which earned him the UNESCO Peace Education Peace Prize in 1989. He also drew up the “Framework for World Media Consciousness” and a “Framework for the Arts and Culture.”

“I tell children that they can be the instruments to make sure the planet doesn’t fall apart,” Muller said in a 1997 Toronto Star article.

The diplomat extols seven main goals for peace throughout the world, including “to eradicate from the world all the poverty, misery and errors engendered by power, greed and egoism.”

His commitment to world peace perhaps is derived from personal experience. Born in 1930, Muller was raised in the Alsace-Lorraine region in France, Muller experienced political and cultural turmoil as a youth.

Muller joined the French Resistance during World War II and at one point was a prisoner of war. In 1948, the future statesman’s fate changed when he entered and won an essay contest on how to govern the world. The prize was an internship in the newly created United Nations. An assistant to three secretaries generals, Muller’s experience with the horrors of war offered leaders of the world peace organization an important perspective.

“His reputation as an optimistic speaker is legendary,” says Esther Franklin, a member of the Sacramento Chapter of United Nations Association and a board member of Sacramento’s Educators for Social Responsibility. “It’s hard not to be uplifted after hearing him speak.”

AmeriCorps Students Help at Rancho Schools

Students at four Rancho Cordova elementary schools will be getting extra attention from CSUS students this fall, as the University’s first group of AmeriCorps members begin their year of national service.

About 30 college students will participate in after-school programs at the schools for 200 at-risk children.

They’ll offer tutoring, organized sports, recreation, and health education.

Teacher from schools and a parks and recreation specialist will coordinate the program. Other University and community volunteers are expected to be involved as well.

“This is exciting for us, because we have such a focus on community service in our academic programs,” says Marilyn Hopkins, associate dean of the CSUS College of Health and Human Services which will run the campus’ AmeriCorps program.

The local program at CSUS will be known as the Capital University Service Corps.

The elementary schools which will host the new after-school programs are Rancho Cordova, River View, White Rock and Williamson.

AmeriCorps is a national service program in which young adults work to improve communities in the United States. Projects include tutoring children, building homes, clearing trails and working in health clinics.

AmeriCorps members serve for one or two years, and are paid a modest living allowance just above minimum wage. Payments on most student loans are deferred during service, and at the end of their term members receive an education award.

AmeriCorps began with the Volunteers in Service to America (VISTA) and the National Civilian Community Corps (NCCC) programs.

VISTA was created in 1964 to give Americans the chance to help low-income communities.

The NCCC was created in 1992 to expand youth services throughout the country.

In 1993, President Clinton signed legislation creating the Corporation for National Service, merging VISTA and the National Civilian Community Corps into AmeriCorps.

Students interested in becoming a member of the CSUS Capital University Service Corps may contact coordinator Judy Quattrin at 278-7265.

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Visiting Scholars

Dr. Andrew Allebricht will bring his perspective on “What We Know About the Universe” to Mendocino Hall 1005 at 4 p.m. Albrecht is a physics professor at UC Davis. Before coming to the Sacramento Region, Albrecht was a professor at Imperial College in London. He also worked as a research fellow at Los Alamos National Lab. Albrecht graduated cum laude in physics from Cornell University and has a doctorate degree in cosmology from the University of Pennsylvania.

Thursday, Oct. 21


Graduate and Professional School Information Day, 10 a.m. to 2 p.m., University Library Quad.

John C. Livingston Annual Faculty Lecture, “Opportunities and Responsibilities for the ‘Professori- ate’ in K-12 Education,” presented by Scott Farrand, mathematics professor, 3 - 4 p.m., University Theatre.

New faculty seminar, “Course Grades and Communicating with Students,” 9 - 11 a.m., University Union Capital Room.

On the Verge,” theatrical comedy, Playwrights Theatre in Shasta Hall.

PSU Coffee and Book Club, Student Union Redwood Room. $5/CSUS students. Tickets at the door.

United Nations Association Annual U.N. Day, celebrating 54th Anniversary of the United Nations Agreement and the Year of the Older Person, speaker guest, Robert Midler, the "father of global education" and chancellor of University of Peace in Costa Rica. 2 - 5 p.m., University Union Redwood Room.

Ongoing

Up from the Roots, Afro-Cuban music band, 11:45 a.m. University Union Auditorium. Free.

Friday, Oct. 22

California Assemblyman Darrell Steinberg, Renaissance Society lecture, 3 p.m., Mendocino Hall 105.

Men’s soccer vs. Denver, 4 p.m., Hornet Soccer Field. CSUS students free. Tickets at the field.

New faculty seminar, “Creative-Grades and Communicating with Students,” 9 - 11 a.m., University Union Capital Room.

Visiting Scholars Program, "Islam and the Environmental Crisis," Seyyed Hossein Nasr, George Washington University Islamic studies professor, 7 p.m., Mendocino Hall 1003.

Saturday, Oct. 23

Football vs. Northern Arizona, Big Sky Conference game. 1:05 p.m., Hornet Stadium. $10/normal tickets, $5/CSUS students and seniors. Tickets at Central Ticket Office, 278-4232, or at BASS.

Music Now and California Composers, 8 p.m., Music Recital Hall. $10/$5 CSUS students. Tickets at Central Ticket Office, 278-4232, or at BASS.

Visiting Scholars Program, "Demystifying Library Databases," Kate Kinsella, secondary language linguistics professor, San Francisco State University, 12-2 p.m., University Ballroom.

Sunday, Oct. 24

CSUS Symphony Orchestra will perform Le Chasseur Maudit by Chris Franck, and perform along with Joseph Schwantre’s tribute to Martin Luther King Jr. New Morning for the World, 8 p.m., Music Recital Hall. $65/64 students. Tickets at Central Ticket Office, 278-4232, or at BASS.

Visiting Scholars Program, "Constructive Empiricism: A Modalist Approach," Joel Friedman, professor emeritus UC Davis, 3 p.m., University Union Tahoe Room.

Wednesday, Oct. 27

CSUS Concert Band. 7:30 p.m., Music Recital Hall. $65/64 students. Tickets at Central Ticket Office, 278-4232, or at BASS.