Strange sounds are coming from the basement — the crunch and clank of metal being cut and folded, the hiss and whir of spray paint being applied as sophisticated filters whoosh the air clean, and the click and ping of wood chips flying off a lathe. These decidedly non-academic sounds emanate daily from the basement of the Yosemite Hall.

Housed there is the Equipment Support Center with five specialty fabrication shops used to support the equipment needs of the campus and especially those in arts and sciences. The five shops are machine, wood, welding, optical and paint.

Here Rodney Sorenson, supervisor, and Rich Schilling, lead technician, have worked with faculty and students to solve problems for the campus.

“We’ve built all sorts of things that you can’t easily buy. We’ve built dark rooms and art storage racks, and the shop built a precision balance for the physics department. The industry’s basic equipment has not changed much over the last decade, except for computers, he said. Luckily they have been able to bring in some sophisticated computerized, numerically controlled milling machines for precision cutting. These machines for precision cutting. These

Anywhere-anytime access is becoming a reality in the College of Engineering and Computer Science. Access to the Internet will not be dependent on a wire plugged into the back of every PC.

Riverside Hall, where the College is housed, will soon become the first campus building to provide laptop computers with extensive wireless access to the Internet.

The College has begun installing wireless network connections for laptop computers in strategic locations throughout the building. Service is initially being provided to all classrooms on the first and second floors, with additional access planned for the remainder of the building and possibly Santa Clara Hall.

This will make it possible to connect to network resources such as servers, printers, web pages, online documentation and more from anywhere in the building. Networking will be possible in areas that have not been wired for conventional networking or which cannot be wired due to prohibitive cost.

Unusual areas, such as hallways, that do not typically need permanent network connections can be used for temporarily displaying information on laptops during events such as River City Days.

“Wireless communications is an important component in the College of Engineering and Computer Science’s strategic telecommunications planning. Ubiquitous access to information resources to support research and teaching is our goal,” said the College’s dean, Braja Das. “Our College has obtained major corporate support in helping us build out our telecommunications infrastructure so that we can truly provide ‘anytime-anywhere’ access for students and faculty.”

Initially intended for faculty laptops and College presentation laptops used in conjunction with computer projection systems, the wireless system has the capacity to handle up to 40 laptop connections per classroom. The College is pursuing ideas for integrating student laptops into instruction and will be able to use this new technology to further that goal.

The wireless system can be used with laptops equipped with an interface card and a small removable antenna.

Business College Names Alumnus of the Year

California State University, Sacramento’s College of Business Administration has named James R. Wallace, senior vice president of the Business Banking Group for Wells Fargo Bank, its 1999 Alumnus of the Year.

Wallace, who graduated from CSUS in 1965 with a degree in finance, was recognized for his distinguished 30-year career in banking and his active support of the College and its Center for Small Business.

Wallace is responsible for the Northwest Division for Wells Fargo’s Business Banking Group. He manages a sales force covering Washington, Oregon, Colorado and the California Central Valley. He is noted for having an impact on expanding weekday banking hours throughout the California banking industry, which eventually led to longer lobby banking hours on Saturdays.

In 1995, Wallace initiated a campaign to obtain private support to keep the University’s Center for Small Business operating when federal budget cuts threatened its survival. Since that time, financial backing by Wells Fargo and other financial institutions in the Capital Region has allowed the Center to continue serving small businesses and providing college students with practical work experience.

Wallace served in the U.S. Infantry in Vietnam and is active in the community. He has served as a board member of the Sacramento Chamber of Commerce, president of the Yolo County United Way, and treasurer of the Woodland Chamber of Commerce.

More information is available by contacting the College of Business Administration at 278-6578 or the CSUS public affairs office at 278-6156.
Scholarship

Felicenne Ramsey, College of Business Administration, was invited by AACS at CSU Sacramento, at the 1999 Statewide EOP Conference in Sacramento April 25-27. The presentation was followed later in the day by a roundtable discussion on “Executive Order 665 - Are We in Compliance”.

Charlotte Xanders, Jennifer Ware and Tamaara Treuillo, all from the University Library, had their article “Assessing Periodicals Services: From Bibliographic to Physical Access” accepted for publication in the Technical Services Quarterly.

Lindy Valdez, health and physical education, hosted a play night for the Chinese Community Center and the Boys and Girls Club on April 21. Sixty-five students age 6 to 14 were involved.

Arlene Pirogoff, social work, presented a paper on “Economic Globalization: Impact on Social Welfare around the World” at the annual conference of the California Chapter, National Association of Social Workers, which was also in San Francisco. In July, Pirogoff will present a paper on her analysis of the social impacts of economic globalization, with a call for social workers to participate in local community economic development projects. Her book, Economics for Social Workers: the Social Outcomes of Economic Development, with Strategies for Community Action, is in production and will be available later this spring or early summer. She is also participating in the CSUS Center for African Peace and Conflict Resolution’s preparations for the “Summer 1999 in Ghana: an African American Peace/Cultural Program” and plans to join the group in Accra, Ghana following a conference in Cape Town.

Dana W. Wamsley, family and consumer sciences, presented “Nutrition: Right From the Start” at the 50th annual California Council of Parent Participation Nursery Schools on April 23.


The CSUS Athlete of the Week reception was recently held to celebrate student-athletes who have shown the ability to balance the rigors of striving for academic success and the challenges presented by college athletics.

The Hororn Bookstore Athlete of the Week is a joint project between Intercollegiate Athletics and the Hornet Bookstore.

Each week of the academic school year, the athlete of the week’s photo and a brief biography is displayed in the Hornet Bookstore and the athletics department. The programs also purchase a space in the State Hornet and the Sacramento Bee to honor the week’s athlete.

At the end of the academic year, one female and one male athlete are selected as the Hornet Bookstore Athlete of the Year. This year’s Athlete of the Year honors went to Pat Edwards and Julie Wastell. The program is sponsored by the CSUS Foundation.

The following is a list of Athlete of the Week recipients for the 1998-1999 school year:

Jeff Schultz
Football, Sept. 6 - 12
Major: Criminal Justice
Katie Fontana
Cross Country, Sept. 13 - 19
Major: Physical Education
Maureen Rafferty
Women’s Volleyball, Sept. 20 - 26
Major: Psychology
Lori Kerswell
Women’s Soccer, Sept. 27 - Oct. 3
Major: Undeclared
Dustin Smith
Football, Oct. 4 - 10
Major: Criminal Justice
Erin Brannigan
Women’s Golf, Oct. 11 - 17
Major: Family & Consumer Sciences
Sarah White
Cross Country, Oct. 18 - 24
Major: English
Carissa Buren
Volleyball, Oct. 25 - 31
Major: Child Development
Rebecca Theis
Rowing, Oct. 1 - 7
Major: Management
Becky Powers
Women’s Soccer, Nov. 8 - 14
Major: Criminal Justice
Kevin Mercado
Men’s Soccer, Nov. 15 - 21
Major: Physical Education
Michael O’Shea
Trainer, Nov. 30 - Dec. 5
Major: Physical Education
Julie Wastell
Basketball, Dec. 6 - 12
Major: Physical Education
Rene Jaques
Basketball, Jan. 31 - Feb. 6
Major: Business
Melissa Prescott
Gymnastics, Feb. 7 - 13
Major: Psychology
Pat Edwards
Baseball, Feb. 14 - 20
Major: Business
Kerry Dunn
Women’s Basketball, Feb. 21 - 27
Major: Business
Kelly Lovato
Softball, Feb. 28 - March 7
Major: Psychology
Africa Eldridge
Track and Field, March 7 - 13
Major: Liberal Studies

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Student Athlete Award Recipients

Athletes of the Year

Julie Wastell
Senior Julie Wastell scored 20 points to lead the CSUS women’s basketball team to its first victory of the season against San Jose State. Wastell ranks in the top-10 in 12 statistical categories at CSUS and is just one of seven Hornet players to score 1,000 career points. She received Big Sky Honorable Mention honors and was named to the league’s all-academic team. Wastell is a physical education major with a 3.62 GPA.

Pat Edwards
Junior Pat Edwards helped lead the CSUS baseball team to a 10-3 victory over the University of Hawaii on Feb. 4. He allowed just one hit and struck out seven in his first seven innings of work to give the Hornets their first win at Hawaii since 1995. Edwards leads the team in innings pitched and strikeouts and is second in ERA and wins. He has a 3.95 GPA and is majoring in business.
Students Taking Concrete Canoe to Nationals

How do you get a 19-foot hunk of concrete to float? The civil engineering students on the CSUS concrete canoe team have solved that problem nicely, recently taking first place at the regional competition over long-time rivals UC Berkeley and UC Davis in the seven-team field. Their win at the Mid-Pacific Regional Conference in April qualifies the CSUS team to face 24 other universities at the national competition at the Florida Institute of Technology June 17-19.

This will be the 12th year the American Society of Civil Engineers and Master Builders will sponsor the event, which challenges students to solve an engineering problem such as those they'll encounter in their professional careers.

“The competition teaches us to work together as a team to apply the engineering skills we get in class to a real-world design,” said Cynthia Harkness, one of this year’s project engineers. This year’s CSUS entry, the “Green Hornet,” is made of a concrete compound that is actually lighter than water. The students created a concoction of cement, fiberglass fibers and mesh, glass beads and “microair,” a substance that adds small, uniform pockets of air to lighten the canoe. The compound is spread over a specially designed mold reinforced with stainless steel rods and capped with a second mold to create a smooth exterior. The hull’s flat, section taper sections out and up on the ends, creating a pivot point that turns easily, said Harkness, the hull designer. Weighing just 80 pounds, the green canoe easily supports the two-and-four-person teams that hope to paddle it to victory in the national heats. The entries in last year’s national competition weighed between 49 and 160 pounds. The “Green Hornet” is unlike other entries in that it is made largely of concrete, whereas many others have only a thin layer of concrete over a frame of balsa wood or foam, Harkness said. Oddly enough, there are no rules about the percentage of concrete the final product must contain.

Still, the “Green Hornet” passed its compulsory dunk test with flying colors. After being submerged and filled with water, the canoe popped back above the water line.

“We couldn’t get it to sink,” said Sue DeRosa, a campus staff member who has worked with the canoe teams for years. “The fact it floated back up five inches out of the water with no flotation devices is very impressive.”

Compare that with the UC Davis entry, which failed the float test when its bow didn’t break the water. The loss of points caused them to come in third place overall.

The team, which includes Harkness, project manager Brian Franklin, Sanju Patel, Joseph Rouse and others, will be judged on their academic paper, oral presentation and display, in addition to their performance in races with two- and four-person teams.

Master Builders awards prizes of $5,000, $2,500 and $1,500 to the top three teams, to be used as engineering scholarships. Donations toward the $10,000 the team needs to travel to the competition can be sent to ASCE Concrete Canoe at CSUS civil engineering.

— Kristi Garrett

Counseling Expands Off-Campus

CSUS Counselor Education has expanded its community counseling efforts by opening an off-campus satellite office closer to the clients it serves. The new counseling center, located at Arden Way and Watt Avenue, is designed as a place for preschool-12th grade students to come with their families to get help with personal, school and career issues.

It is through the Alliance for Excellence partnership between CSUS, the San Juan Unified School District and selected community agencies, with support from local businesses and a state grant. The satellite is a piece of a bigger effort within the Alliance to improve research opportunities and serve the community,” said Miguel Martinez, coordinator of the CSUS school counseling team.

About a dozen counseling students began using the center to meet with clients last January. Martinez estimated that up to 60 CSUS students complete their practicum or field study at Alliance facilities each semester.

Unlike other counseling centers the Alliance operates at school sites, the new satellite office has private meeting rooms, allow counseling professors and supervisors to observe students as they conduct sessions.

Some families felt uncomfortable meeting with counselors in school classrooms, said Martinez. The new location is a more professional setting that uses video cameras to supervise sessions and provide feedback. It is also served by public transit and some clients

News Digest

Reserve Book Reading Room Extends Hours

The Reserve Book Reading Room will be open until 1 a.m. from May 23-27 to accommodate students studying late. Regular hours resume on May 28. There will be no access to the Reserve Book Room or the main Library during the extended hours when the Library is closed. Students will be asked to present a student identification to the attendant on duty. More information is available by calling Eva Jimenez at 278-6876.

Bike to Work/School Day Set for May 20

May 20 is the statewide Bike to Work/School Day, and University Transportation and Parking Services is organizing “pedal pools” for CSUS employees. One pedal pool will leave from the Nimbus Fish Hatchery at 6:30 a.m., commute through the American River Parkway and arrive at the Guy West Bridge at about 7:45 a.m. Experienced riders will assist those commuting by bicycle for the first time. Employees may join the commute at any point. Information about the pedal pools is available at 452-1604.

The day is part of Statewide Bike Commute Week, May 16-22. More information is available by contacting Trish Evans at 278-7527.

Two Buildings Renamed

The Biology Building and the Music Building have both been renamed. Biology is now Humboldt Hall and Music is now Capistrano Hall. Signs will be installed during the summer and the changes are reflected in the 1999-2000 class schedule.

These are the last two campus buildings to be named under the University Policy of naming buildings after California counties or significant geological or geographical features of California. All new buildings will be named following this new policy.

Proposals Sought for Teaching Conference

The Center for Teaching and Learning will present a conference on teaching and learning Sept. 24-25 in the University Union, and proposals for presentations at the conference are now being accepted.

All CSUS faculty may propose sessions on such topics as designing innovative assignments, organizing Learning Communities, supporting service learning and more. They may be designed for new or experienced faculty, or both groups.

More information is available by contacting Alan Kalish, director of the Center for Teaching and Learning, at 278-5945.

One Card Will Replace Employee Commuter Card

Beginning Aug. 1, the CSUS One Card will replace the CSUS Employee Commuter Card. Replacement validation stickers will be available beginning July 1 at University Transportation and Parking Services and the One Card Office to those who have a valid Employee Commuter Card with a valid sticker.

As of Aug. 1, riders of Sacramento Regional Transit and Light Rail will present their validated One Card upon boarding.

Yearly validation stickers for the CSUS One Card may be purchased for $20. Commuter validation stickers on CSUS One Cards permits unlimited use of Sacramento Regional Transit and Light Rail. More information is available from Trish Evans at 278-7527.

Peer Coaching Workshops Scheduled for Aug. 19-20

All full- and part-time faculty are invited to join the Peer Coaching Program for fall 1999. The program helps faculty expand their teaching repertoire and extend their effectiveness as teachers through collegial interaction. Without making judgments or giving advice, partners help each other reflect on their teaching in new ways, stimulating greater purposefulness and creativity, which ultimately lead to greater student responsiveness.

Workshops will be Aug. 19 and 20 from 8:30 a.m. to 4:30 p.m. Profesional Development funds are available for participants who complete a project relevant to their work in coaching.

More information is available by contacting the Center for Teaching and Learning at 278-5945.
Continued from page one

“English Tradition” features the works of two great English composers. John Rutter’s Requiem and Ralph Vaughan Williams’ A Song of Thanksgiving feature solos by sopranos Linda Clark. A Song of Thanksgiving includes a children’s chorus and narration by sociology professor Rodney Kinrongst. Tickets are $6 general and $4 students/seniors and can be purchased at the CSUS Ticket Office or through BASS. More information is available at 489-2985.

Custom Work
Continued from page one

were used recently to construct three stainless steel water troughs for use in the Children’s Center.

“Not only do we have to know our business, but we need to know enough about the customer’s field to get the project done right,” said Sorenson. Because all of the items are customized and not available commercially, creativity is an essential component in their work. “Sometimes they just have an idea of what they want and we have to listen carefully so we can design it,” Sorenson said.

“And sometimes we’ve had to work off of specs that were drawn out on a paper towel,” recalled Schilling. “The fun part is that we don’t know what’s coming in the door next.”

In the paint shop, flooded by bright lights, they repair any equipment with a lens, mainly microscopes. There are more than 1,500 macrosopes on campus and recently three manufacturers have gone out of business, so the repair aspect of the shop is in full gear. “A few years back I did a conversion on some of these, even got a nice note from the safety people afterwards.”

There was a problem that could have caused students to get shocked,” said Sorenson. Because all of the items are customized and we have to listen carefully so we can design it,” Sorenson said.

Sorenson stressed that student projects are the top priority. If a student needs assistance in fabricating a piece as part of his or her study, the shop will assist them and help them to get funding if needed. “We are happy to discuss any project design or the final fabrication,” said Sorenson.

— Ann Reed

Counseling Center Expands

Continued from page three

find it less complicated than navigating the CSUS campus. Martinez said the satellite improves the department’s three-fold mission for educating counselors. “The center allows us to educate students better, serve the clients better and then research the effectiveness of both.”

“We have created a site where students can apply what they learn in a practical setting.”

The center’s location near its largely ethnic minority and low-income clients is crucial for students, said Diane Tochterman, an analyst’s office, 4-5:30 p.m.; University Union Exhibit Lounge; exhibit continues to May 18.

Tuesday, May 18

CSUS Symphony Orchestra concert, 8 p.m.; Music Recital Hall; $5 general, $4 students and seniors, available at the Central Ticket Office, all BASS Ticket Centers at the door.

Wednesday, May 19

“California’s System of Local Governments: Can the Cracks in the System Be Fixed?” lecture by Mariene O’Malley, Legislative Analyst’s Office, 4:50 p.m.; University Union Orchard Room; reception for 30 year anniversary of the Educational Opportunity Program at CSUS, 5:30-8:30 p.m.; University Ballroom.

CSUS Wind and Chamber Ensembles, 8 p.m.; Music Recital Hall; $5 general, $4 students and seniors, available at the Central Ticket Office, all BASS Ticket Centers at the door.

Barbie Unbound: A Dance Fantasy for the Millennium, performed by the Jazz Dance Company, $5 p.m.; Solano Hall 101; tickets are $10 general, $8 students and seniors, and are available by calling 278-5036. Performances continue 8 p.m. May 20-22.

Thursday, May 20

Friends of the Library used book and poster sale, 10 a.m.-3 p.m., Library lower level.

Bulletin Board

Catastrophic leave has been approved for Patricia Schindler, financial aid.

CSUS employees may donate up to a maximum of 16 hours of vacation or sick leave per fiscal year to employees who have been approved for the catastrophic leave program, if employees are interested in donating time, donation forms are available in the Benefits Office, Sacramento Hall 253 or by calling 278-6213.

Saturday, May 22

CSUS Choirs in concert, The English Tradition, directed by Donald Kendrick, 8 p.m.; St. Ignatius Church, 5255 Aven Way; $6 general, $4 students and seniors, available at the Central Ticket Office, all BASS Ticket Centers or at the door. Call 489-2985 for more information.

Wednesday, May 26

Gold Rush Lecture, “My Brother’s Keeper: Mexicans and Latin Americans Meet the Argonauts in California’s Gold Fields,” by Michael Gonzalez of the University of San Diego, 7 p.m.; State Archives Auditorium, 1020 O St.

Friday, May 28

Spring commencement ceremonies, College of Education, 1 p.m.; Arco Arena; doors open at 12:30 p.m.

Spring commencement ceremonies, College of Social Sciences and Interdisciplinary Studies, 4:30 p.m.; Arco Arena; doors open at 4 p.m.

Spring commencement ceremonies, College of Engineering and Computer Science, 7:30 p.m.; Arco Arena; doors open at 7 p.m.

Saturday, May 29

Spring commencement ceremonies, College of Health and Human Services, 9 a.m. to 2 p.m.; Arco Arena; doors open at 7:45 a.m.

Spring commencement ceremonies, College of Business Administration, 11:30 a.m.; Arco Arena; doors open at 11 a.m.

Spring commencement ceremonies, College of Arts and Letters, 3 p.m.; Arco Arena; doors open at 2:15 p.m.

Spring commencement ceremonies, College of Natural Sciences and Mathematics, 6 p.m.; Arco Arena; doors open at 5:15 p.m.

Thursday, June 3

Friends of the Library used book and poster sale, 10 a.m.-3 p.m., Library lower level.

Friday, June 4

Staff Day Picnic, 11:30 a.m.-1:30 p.m. Burgers and vegiburgers, hot dogs, salad, chips, ice cream and soda. Entertainment by comedian Ron Morey, the Hepcat Swing Dancers, and emcee Joey Errichetti. Tickets are $7 per person and are available from University Staff Association representatives; see www.csus.edu for a list.

Saturday, May 22

CSUS Choirs in concert, The English Tradition, directed by Donald Kendrick, 8 p.m.; St. Ignatius Church, 5255 Aven Way; $6 general, $4 students and seniors, available at the Central Ticket Office, all BASS Ticket Centers or at the door. Call 489-2985 for more information.

Thursday, June 10

“Endfest,” rock concert featuring 98 degrees, Jordan Knight, Joey McIntyre, ‘N Sync and others, 5-10 p.m.; Hornet Stadium. Tickets are $19.99 and are available at the Central Ticket Office (with no service charge), or all BASS Ticket Centers.

Saturday, June 12

Jazz concert featuring John Clark with the Smith Dobson Trio, time to be announced. Music Recital Hall; $6 general, $4 students and seniors, available at the Central Ticket Office, all BASS Ticket Centers or at the door.

Northern California Regional Horn Workshop opening concert, 8 p.m., Music Recital Hall; call 278-5155 for more information.

Sunday, June 13

Northern California Regional Horn Workshop closing concert, time to be announced. Music Recital Hall; $6 general, $4 students and seniors, available at the Central Ticket Office, all BASS Ticket Centers or at the door.

Thursday, June 17

Friends of the Library used book and poster sale, 10 a.m.-3 p.m., Library lower level.

Saturday, June 19

CSUS Summer Concert Band, 6 p.m., Outdoor Theater; Bring picnics, blankets and lawn chairs.

June 21-25

Conflict resolution training workshop. Call 278-4282 for registration information.

Saturday, July 3

CSUS Summer Concert Band, 6 p.m., Outdoor Theater; Bring picnics, blankets and lawn chairs.

Saturday, July 24

Summer concert with Mumbo Gumbo, 6:30 p.m., Main Quad. Bring picnics, blankets and lawn chairs. A City of Sacramento Popo in the Park presentation.

Faculty Senate

Monday, 5/17

3 p.m., General Education Policies/Graduation Requirements Committee, SAC 275

Tuesday, 5/18

3 p.m., Executive Committee, SAC 275

Wednesday, 5/19

1 p.m., Faculty Policies Committee, SAC 275

Thursday, 5/20

3 p.m., Faculty Senate, Union University Foothill Suite

Friday, 5/21

12 p.m., Academic Policies Committee, SAC 275