Prof unearths striking balance in Himalayas

In a remarkable form of mountain metabolism, the Earth’s highest peaks seem to be washing away at the same rate they are growing, says a CSUS geologist.

Geology professor Kevin Cornwell collected data from stream drainages around Nanga Parbat, one of the highest peaks in the Himalayas, as part of a 10-year effort in northern Pakistan to study the concept of balance in the Earth’s crust.

Using computer models, Cornwell and colleagues Richard Marston from Oklahoma State University and Doug Norby of the Kansas Department of Public Works, found that the mountain surface is lowering as much as six millimeters per year.

When they compared that lowering rate with the uplift rate it turned out to be very similar. “The insight we get is that the rate it is wearing away is pretty evenly balanced with the rate it is going up,” Cornwell says.

He has presented the findings at scientific meetings and at the most recent Binghamton International Geomorphology Symposium.

Balance is an old concept, similar to icbergs in the ocean, Cornwell says. “When you see a large rock mass, such as a mountain, sticking out of the ground, there is even more of it below the surface. The Himalayas are five miles high which suggests a lot more under the surface.”

The lofty laboratory of the Himalayas provides a unique look at geological processes. The Himalayas are very young geologically, and they are extreme, offering the chance to watch development as it is happening, he says. While he cautions that he was looking at relatively small amounts of data at select localities, he notes conclusions can still be made.

“We don’t have the luxury of watching these processes happen over time. Our work is a snapshot of a brief piece of time that documents the conditions that are going on now,” he says. “We then evaluate the conditions and extrapolate to the past.”

His findings not only provide insight into how mountains are formed, but offer glimpses into the causes and effects of climate change. As fresh rock is “unroofed” and exposed to weathering, carbon dioxide is consumed by the atmosphere, which decreases the atmosphere’s ability to trap heat, Cornwell says.

Over the last two million years, the Earth’s climates have been cooler, perhaps because of the unroofing of the Himalayas. Climate change can affect the precipitation in area seas as well as the erosion potential in rivers and streams and how much sediment they produce.

Cornwell began working in the Himalayas in 1991 as part of his dissertation research.

He spent the following year on a Fullbright scholarship to University of Peshawar in Pakistan. He returned for three months in 1997 on a National Science Foundation-sponsored expedition to look at the amount of sediment coming off the mountain through river actions.

“The rate it is wearing away is pretty evenly balanced with the rate it is going up.”

Kevin Cornwell, geology professor

Even if they’re unaware of it, most people are familiar with Charles Dickens’ works. Sayings from his writings such as “Bah, humbug!” and “It was the best of times, it was the worst of times…” have become part of popular culture.

His novels have inspired numerous plays, paintings, musical compositions, films, television adaptations and websites. But why does Dickens remain popular? According to Mark Hennelly, chair of the CSUS English department, it’s Dickens’ way of romanticizing everyday life. “After all, truffles make the sum of life,” said Dickens character David Copperfield.

Hennelly researches Dickens’ writings and lifestyle, and has published more than 15 essays and reviews about the famous author. What most captivates him is the way Dickens played with contradictions.

“When he was writing, he had to be very disciplined in order to be published. He made an art form out of the periodic novel, writing 32 pages a month for 19 months at a time, and he only missed a deadline once.”

“But, on the other hand, he was very restless. He would walk all night, sometimes 20 miles to London and back, and he was an agitator for reform and for the lower class. He also regularly hosted carnivals in his backyard, which the entire town would be involved with. The contradictions, the discipline and the restlessness, are very provocative.”

Hennelly is currently researching a “carnivalesque” reading of the novel Martin Chuzzlewit, which he hopes to publish in a journal dedicated to Dickens.

“He loved fairs and carnivals, in his life and in his writings,” Hennelly says. “There are a number of different carnival figures like clowns, fools and rogues in his fiction, but perhaps the most interesting symbol is the lower class.”

See DICKENS, Page 4

Fitness, computers at Life Center this summer

The CSUS Life Center is offering numerous learning opportunities and fitness programs for seniors this summer.

All activities will be held at the Life Center in the University’s Julia Morgan House at 3731 T Street.

SeniorNet computer training classes offered at the LIFE Center this summer include:

• Introduction to Computing (beginner’s level), 10 a.m. to noon, Tuesdays and Thursdays, May 28 - June 6 and 1 to 3 p.m., Mondays and Wednesdays, June 10 - 19.

Cost is $20 for two-week class plus $30 SeniorNet fee.

• Introduction to Windows, 1 to 3 p.m., Tuesdays, May 7 - June 25, 10 a.m. to noon, Wednesdays, July 10 - Aug. 28; and 9:30 to 11:30 a.m., Thursdays, June 13 - Aug. 1.

Cost is $35 for eight-week class.

The Life Center also has a variety of upcoming and continuing exercise classes, including a new yoga class. Classes include:

• Balance and Fall Risk Reduction, noon to 1 p.m., Tuesdays and Thursdays, June 11 - July 25. Cost is $85 for seven-week class.

• Stretching and Strengthening, 7:30 to 8:30 a.m., 8:45 to 9:45 a.m. and 10 to 11 a.m., Mondays, Wednesdays and Fridays, $40 per month.

• Circuit Machines, 4 to 5 p.m., Mondays and Wednesdays, $30 per month.

• Tai Chi, 1:30 to 3 p.m., Tuesdays and Thursdays, $25 per month.

• Yoga, 8:30 to 9:30 a.m., Tuesdays and Thursdays, 10 to 10:30 a.m., Thursdays, $20 per month.

For additional information or to enroll, call the Life Center at 227-3318.

Retirees reception this Friday

President Donald R. Gerth and the senior administrative staff will host a reception honoring retiring University employees from 4 to 6 p.m., Friday, May 17 in the University Union Redwood Room. The campus community is invited to join in paying tribute to these faculty and staff for their contributions to the University. Note that this date has changed from the one first listed in the Bulletin.

CSUS bulletin

a publication of california state university, sacramento

may 13 – 19, 2002

Inside this week:

Spring Commencement is back on campus 4
The CSUS Bulletin welcomes submissions to the Professional Activities Section from faculty, students, and staff. Manuscripts should be run on a space-available basis. They should be no longer than 75 words and may be submitted to office@csu.edu or faxed to 278-5290.

John Connor, anthropology emeritus, and his top-secret unit from the Korean War were recently awarded their Navy/ Marine Presidential Unit Citation, the nation’s highest combat unit award. The award was officially presented nearly 52 years after it was earned.

The Ethnics Studies Department is one of 10 departments from the CSU system selected to participate in the 2002 Engaged Department Institute, May 28-31, in San Francisco. The institute, which is sponsored by the Chancellor’s Office, is designed to explore the possibilities of expanding service learning from individual courses to a department-wide initiative of community engagement.

Christopher Castaneda, history, was quoted and contributed to an article in the winter issue of PEERSpective magazine on the history of CalPERS.

Cici Mattiuzz, engineering and computer science, was quoted in KQED, Channel 11, talking about a campus job fair.

Robert Foutain, president’s office, was quoted in a Jan. 16 Arbiter Journal and a Jan. 23 Roseville Press Tribune articles on job growth in the region.

David Covin, government, was quoted in a Jan. 31 Sacramento Observer article on the lack of local press coverage of race issues.

Jan Andersen, family and consumer sciences, was quoted in the February issue of the Journal of Financial Planning on the effect of family finances on divorce.

Lisa Bohon, psychology, was quoted in the February issue of Sacramento magazine on the relationship between beauty and dating.

Vicki Hall, women’s studies, was quoted in the February issue of Sacramento magazine on the relationship between beauty and dating.

Susan McQuinte, physical therapy, was quoted in a Feb. 1 article in the Sacramento Bee on potential injuries from book bags.

Tim Hodson, Center for Calif- ornia Studies, was quoted in a Feb. 5 Stockton Record article on state term limits and a Jan. 20 article on Republican voting trends. He was also quoted in Feb. 16 San Jose Mercury-News articles about Gary Condit’s prospects for re-election and a Feb. 25 article on term limits.

Robert Smart, theater and dance, was quoted in KXTV, Channel 10, on Feb. 3 and 4 talking about the Lenaea Festival for high-school drama students. He was also quoted in a Feb. 1 Sacramento Bee article on the festival.

Nadeen Ruiz, bilingual multicultural education, was on KXTL, Channel 40, on Feb. 5, talking about teacher credentialing options.

Dennis Toftelien, management, was quoted in a Feb. 5 article in the Sacra- mento Bee on a new marketing venture between Riley’s stores and Shari’s Berries.

Lorna Peters, music, was quoted in a Feb. 11 Sacramento Bee article on the time Americans spend waiting in line.

Richard Shek, humanities and religious studies, was quoted on KQED, Channel 13, on Feb. 12, talking about Chinese New Year.

Barbara O’Connor, communications studies, was quoted in KXJZ on Feb. 13, talking about the effect of election campaign commercials on Feb. 19, talking about term limits.

Nancy Kalish, psychology, was quoted on KQED, Channel 13, on Feb. 13, talking about lost and found lovers.

Leah Vandé Berg, communica- tions studies, was quoted in a Feb. 15 Sacramento Bee article on the style and looks of television newswomen.

Martin Rogers, psychology, was quoted in a Feb. 21 Sacramento News & Review article on the post-gay movement.

Tom Knuston, communica- tion studies, was quoted on KCRA, Channel 3, on Feb. 20, 22, talking about the effects of customer service on retail sales.

John Syer, government, was quoted on KCRA, Channel 3, on Feb. 22, talking about the Olympics and national pride. He was also quoted nine times on KFBK from April 4-14 on various aspects of the Israeli-Palestinian conflict. Issues included Powell’s visit, suicide bombings, the role of Saudi Arabia in the Arab League proposal, the possible U.N. role in ending the conflict, a review of prior conflicts and the lever- age the United States has with Israel.

Mettawali Amer, accountancy, was quoted in a Feb. 23 Sacramento Bee article on inter-faith services.

Robyn Nelson, nursing, was quoted in a Feb. 23 Sacramento Bee article on the state’s jobless rate and the prospects for nurs- ing jobs.

Susan Albert, family and consumer sciences, gave a presentation on “Intake of Fruits, Vegetables and Fiber in Mexican American Women” at the Cardiovascular Health 2002 Conference sponsored by the National Institutes of Health in Washington, D.C., on April 13.


Duane Campbell, bilingual/ multicultural education, was a member of the Workforce Prepara- tion and Business Linkages working group for the joint committee of the Legislature to develop a new Master Plan for Education, K-University. The group has completed its report and submitted it to the Legisla- ture.

Tom Kando, sociology, is one of the chief contributors to the book Beyond the Pale: Answers to the Ques- tions We’re Not Supposed to Ask. The book examines many controversial social issues. It will be published in the summer by Diogenes Publishing.

Acknowledging differences also encourages students to develop new perspectives, he says. “In social services the balance of working with the system and working with the individual is very complex,” says Eggman. “Students need to step back from the perspective they can have and recognize that complexity.”

Eggman emphasizes na- ratives as a means to help stu- dents gain new perspectives. “The story a mother will tell you about the same experience,” Eggman says. “You need to understand the perspective of all participants.”

Eggman, who arrived at CSUS last semester, teaches human behavior in the social environment, a required core class for social service majors. Most recently Eggman’s research has centered around Mexican Americans’ experi- ences with the dominant health care system at the end of life. People tend to overlook the inter-group variances in a cul- ture, the socio-economic, educa- tional or family cultures,” says Eggman. “We need to be sensi- tive to the unique range of issues that might have an impact on a family’s or health care pro- vider’s experience when dealing with the very personal experi- ences of death.”

SUSAN EGGMAN—Since she was 18 Susan Eggman has worked hands-on with social services in a variety of areas including mental health, alcohol and drug addiction, and medi- cal social work including hos- pice, dialysis and the emergency room. Now she has come to teach at CSUS as a new profes- sor of social work.

“Social justice and empower- ment are the foundation of this field,” Eggman says. “It’s about empowering people to learn and to advocate for themselves.

Having moved from Port- land, Ore., Eggman says she “likes it very much at CSUS. My peers are wonderfully sup- portive.

“I love the diversity in my classes,” Eggman says. “It takes dialogue about diversity to another level, making the experience effective and not just academic.”

Eggman says, “You need to understand the perspective of all participants.”

Eggman, who arrived at CSUS last semester, teaches human behavior in the social environment, a required core class for social service majors. Most recently Eggman’s research has centered around Mexican Americans’ experi- ences with the dominant health care system at the end of life. People tend to overlook the inter-group variances in a cul- ture, the socio-economic, educa- tional or family cultures,” says Eggman. “We need to be sensi- tive to the unique range of issues that might have an impact on a family’s or health care pro- vider’s experience when dealing with the very personal experi- ences of death.”

Salary increase

There has recently been some confusion regarding the pro- cessing of faculty salary increases. According to the CSU Chancellor’s Office, salary increases are scheduled to be processed shortly after the Board of Trust- ees takes action on the tentative agreement at their May 14 meeting. The new salary rate would then be included in pay for the month of May. In addition, most faculty will receive retroactive pay for April by June 1.
graduated art students set to have a ball

They came, they saw, they worked hard and now they're having a party. Graduating CSUS art students are hosting an "Art Ball" from 6 - 9 p.m., May 17 in the Else and Witt galleries located in Kadema Hall.

The Art Ball is a free event and will feature food, live music, entertainment and an outrageous costume competition. The ball is a reception for two art exhibits on campus, “The ASL Seven” and “New Selections” currently on display throughout May.

“The ASL Seven” is an exhibition of works by graduate students featuring Heidi Bady, Norma Bueno, Jan Chemy, Janet Kahle, Moira Murdock, Annie Murphy-Robinson and Hong Zhang. The exhibit is open from noon – 4:30 p.m., Monday through Friday May 24 in the Else Gallery.

“New Selection” is a diverse show featuring works by undergraduate bachelor students and includes installations, photography, sculpture, paintings and computer art. The exhibit is open from noon – 4:30 p.m., Monday through Friday May 17 in the Witt Gallery.

For more information about the exhibits and a host of administrative transactions, consult the CSUS art department at 278-6166.

PeopleSoft milestone

The CSU has reached a milestone in the implementation of its new administrative systems project with the introduction of PeopleSoft’s 8.0 software. This means enhanced capability for students, faculty and staff, including improved access to information for student advising, financial aid, admissions, transcripts and a host of administrative transactions.

Fresno State, Sonoma State and the California Maritime Academy are among the first institutions to be using PeopleSoft’s 8.0 release for student administration and human resources management. These pilot campuses are processing enrollment applications and human resources transactions with the new software and will implement full student administration by September.

PeopleSoft human resources and financial modules are already in place on 11 CSU campuses. All CSU campuses will be using a full suite of PeopleSoft human resources, financial and student administration software by 2006.

For more, visit www.calstate.edu/ pe/news/PeopleSoft.shtml and http:// cm/calstate.

PeopleSoft milestone

Behind the screens with the PC posse

The Bulletin spoke with Brad Grebitus and Scott McGowan about the desktop services group in computing and communications services.

What do people think you do?

Grebitus: “At the help desk, students contact us regarding their SacLink account, WebCT and CasperWeb. Faculty and staff contact us for software support, automatic test scoring and SacLink services.”

What do you really do?

Grebitus: “Although SacLink, WebCT and CasperWeb support is the core of what we do, we offer many other services as well, such as a walk-in student SacLink help desk, problem reporting and tracking, and faculty and staff phone support. We also handle user account creation, web server and listproc requests and support, printer output distribution, software and digital camera checkout to faculty and staff, and computer training.”

Describe your office.

McGowan: “We have more than 50 student assistants who help staff the computing labs. We have labs that are open seven days a week from 6:30 a.m. to 1 a.m. Faculty have used our labs for more than 11 hours of instruction so far this fiscal year.”

Grebitus: “Some people are surprised by the services we offer. They might come to the UCCS counter for one reason and find that we offer something they weren’t expecting such as free dial-in services. Some faculty are surprised to find out that we score tests here.”

McGowan: “The last pace of changing technology is our biggest challenge. Some users want the most recent version of software before we have had time to test and develop support strategies.”

Grebitus: “We have to adjust our level of support based on the user’s needs—from the person who has been using computers for years with a very specific question to the person who is just starting to use computers.”

What are you asked most?

Grebitus: “How do I get my SacLink password reset?”

Correction

In the story on teen-age readers in the May 6 issue of the Bulletin, a book was misidentified. The title of the book that tells the story of a failing marriage through the eyes of a 16-year-old is Wildfire.
ongoing

“Society of Six,” plein-air art exhibit, 10 a.m. - 4 p.m., Wednesday - Saturday and 11 a.m. - 5 p.m. on Sundays, University Art Gallery. (916) 278-4189. Exhibit continues to July 26.

“Student Purchase Award Show,” student art exhibit, 10:30 - 3:30 p.m., Monday - Friday and 5 - 8 p.m., Wednesdays and Thursdays, University Union Gallery. (916) 278-6744. Continues to May 23.

“The ASL Seven,” graduate art show, noon - 4:30 p.m., Monday - Friday, Else Gallery. (916) 278-6166. Continues to May 24. Artist’s reception and “Art Ball” with food, music and entertainment, 6 p.m., May 17, Else Gallery.

“New Selection,” senior class art exhibit, noon - 4:30 p.m., Monday - Friday, Witt Gallery. (916) 278-6166. Continues to May 23. Artist’s reception and “Art Ball” with food, music and entertainment, 6 p.m., May 17, Witt Gallery.

monday, may 13

CSUS Symphony Orchestra, 8 p.m., Music Recital Hall in Capistrano Hall. Tickets $8 general/$5 students and seniors. Tickets at CSUS Ticket Office at (916) 278-6432 or at Tickets.com at (916) 766-2277.

CSUS Guitar Studio, 8 p.m., Capistrano 151. (916) 278-6453.

tuesday, may 14

CSUS boxing program’s reunion and award dinner, 6 p.m., Yamshon Alumni Center. Tickets $15. (916) 278-4899.

“Suspended Load Transport in the Cosumnes River,” Robert Burns, Geology Colloquium Series, 4:15 p.m., Modocino 1015. (916) 278-6337.

CSUS Symphony Orchestra, 8 p.m., Music Recital Hall in Capistrano Hall. Tickets $8 general/$5 students and seniors. Tickets at CSUS Ticket Office at (916) 278-4323 or at Tickets.com at (916) 766-2277.

wednesday, may 15

CSUS Symphonic Wind Ensemble, CSUS Concert Band, 7:30 p.m., Music Recital Hall in Capistrano Hall. Tickets $6 general/$4 students and seniors. Tickets at CSUS Ticket Office at (916) 278-4323 or at Tickets.com at (916) 766-2277.

DICKENS

Continued from page 1 of the carnivalesque play is the motif of the omniscient. It joins heaven and earth, and because what was on the bottom replaces what is on the top, it represents a reversal of conventional categories of value. It subverts the normal, as in Mardi Gras or European carnivals, where an ass can become king.

— Heather Robinson

saturday, may 18

Mozart’s Cosi fan tutte, Opera Theatre, 8 p.m., University Theatre in Shasta Hall. Tickets $15 general/$10 students and seniors. Tickets at CSUS Ticket Office at (916) 278-4323 or at Tickets.com at (916) 766-2277.

Pacific Coast Rowing Championships, 8 a.m., Aquatic Center at Lake Natoma. (916) 985-7239.

sunday, may 19

Pacific 10 Championships, rowing, 8 a.m., Aquatic Center at Lake Natoma. (916) 985-7239.

wednesday, may 22

CSUS String Project concert, featuring 60 local 5th and 6th grade students, 7 p.m., Music Recital Hall in Capistrano Hall. (916) 278-6515.

friday, may 24

Spring Commencement, College of Education, 12:30 p.m., Hornet Stadium. Graduates assemble at noon at Hornet Stadium practice track. (916) 278-4724.

Spring Commencement, College of Social Science and Interdisciplinary Studies, 7:30 p.m., Horset Stadium. Graduates assemble at 7 p.m. at Horset Stadium practice track. (916) 278-4724.

Baseball vs. Pacific, 1 p.m., Hornet Field. Tickets $5 general/CSUS students free. Tickets available at the event. (916) 278-6896.

sunday, may 26

Baseball vs. Pacific, 1 p.m., Hornet Field. Tickets $5 general/CSUS students free. Tickets available at the event. (916) 278-6896.

SOUTH AFRICAN LEGENDS IN CONCERT

Saturday, South Africa’s legendary musical-sensational sensation and Grammy winner Miriam Makeba, 7:30 p.m., University Union Ballroom. Tickets $25 general/$50 VIP. Tickets at CSUS Ticket Office at (916) 278-4323 or at Tickets.com at (916) 766-2277.

friday, aug. 2

Book of Days, a drama by Lanford Wilson, produced by and starring members of the CSUS theatre and dance alumni chapter, 8 p.m., Playwrights’ Theatre in Shasta Hall. Tickets $12 general/$7 students, alumni and seniors. Tickets at CSUS Ticket Office at (916) 278-4323 or at Tickets.com at (916) 766-2277. Continues to Aug. 25.

saturday, aug. 3

Book of Days, a drama by Lanford Wilson, produced by and starring members of the CSUS theatre and dance alumni chapter, 8 p.m., Playwrights’ Theatre in Shasta Hall. Tickets $12 general/$7 students, alumni and seniors. Tickets at CSUS Ticket Office at (916) 278-4323 or at Tickets.com at (916) 766-2277. Continues to Aug. 25.

sunday, aug. 4

Book of Days, a drama by Lanford Wilson, produced by and starring members of the CSUS theatre and dance alumni chapter, 2 p.m., Playwrights’ Theatre in Shasta Hall. Tickets $12 general/$7 students, alumni and seniors. Tickets at CSUS Ticket Office at (916) 278-4323 or at Tickets.com at (916) 766-2277. Continues to Aug. 25.