Former hostage to talk about terrorism

Humaneitarian, hostage, negotiator and author Terry Waite’s life is a testament to the resilience of the human spirit. In the late 1980s, after being sent to Beirut to negotiate for the safety of others, he was taken captive and held in solitary confinement for four years.

He will talk about his experience and examine the causes of international terrorism at 7:30 p.m., Thursday, April 18 in the University Union Ballroom.

Waite became a public figure in the 1980s, when he gained international recognition for successfully negotiating the release of British hostages in Iran and Libya. Facing great danger and formidable adversities — including the leadership of the Ayatollah Khomeini’s revolution and Col. Muammar Qaddafi — Waite’s grace-under-fire philosophy prevailed.

On a fateful day in 1987 in Beirut, while negotiating for the release of Western hostages on behalf of the Archbishop of Canterbury, Waite himself was taken hostage by Shiite Muslims. He remained in captivity for 1,760 days, the first four years of which were spent in solitary confinement. He was beaten and subjected to mock executions.

“I rowed, as soon as I realized what was going on, that there were three things I would stick to,” Waite said after he was released. “No regrets, I knew that I had done the best I could. No self-pity, because self-pity will kill, and no over-sentimentality, because if you start thinking how much nicer you could have been to your family, you’ll fall into absolute misery.”

Today, Waite continues his humanitarian efforts through his writings, lectures and work with organizations such as Y-Care International, a disaster relief fund organization administered through YMCA worldwide. He also serves as United Kingdom president of Emmaus International, an organization for the homeless; and director of Freeplay Foundation and Educational Interactive Solutions, an Internet company that publishes educational materials.

Tickets for his talk at CSUS are $10 general and $5 for students. Tickets are available at the CSUS Ticket Office at (916) 278-4323 or at Tickets.com at (916) 786-2277.

— Heather Robinson

Professor on the trail of disease-fighting fruit

Could a tomato, one day, keep cholera away? Or produce therapeutic antibodies to treat cancer?

Scientists at CSUS have taken an important step toward developing tomatoes as a possible source of edible vaccines and other proteins such as therapeutic antibodies. Biology professor Nicholas Ewing and graduate student Seungil Ro have identified and recently patented a portion of a gene that could turn tomatoes into low-cost, disease-relieving agents.

Currently, animal cell cultures are used to produce highly effective but expensive vaccines and anti-cancer antibodies, such as Genentech’s herceptin antibody. Since this is such a costly method, a number of groups are using plants to produce the antibodies, including Vacaville’s Large Scale Biology.

The novelty of Ewing and Ro’s approach was the choice of the tomato as a production system.

See TOMATO, Page 3

Annual philosophy event looks at ‘Terror and Tolerance’

Philosophers will take on some of the thorniest issues to emerge since the attacks of Sept. 11 at the annual Nam-mour Symposium at California State University, Sacramento. The event will be April 16-17 in the University Union Forest Suite.

The symposium is held annually by the University’s philosophy faculty in honor of their late colleague, Jamil Nammour. This year’s theme is “Terror and Tol-erance.”

The schedule is:

- 10 a.m. to noon, Tuesday, April 16 — “Understanding Ter-rorism,” with Tom Pyne on “Toleration in Christianity and Islam,” Stan Dandion on “What is a Terrorist?” and Rick Schubert on “Terrorism and the Paradox of Toleration.”
- 1 to 3 p.m., Tuesday, April 16 — “The Values of War,” with Joel Friedman on “The War on Terrorism and Bin Laden,” Bill Lovitt on “Some Ambiguities of War” and David Long on “In-”

See TOLERANCE, Page 3

Forum explores U.S. foreign policy after Sept. 11

From noon to 2 p.m., Tuesday, April 16 in the University Union Hinde Auditorium, five CSUS professors will guide a campus forum on the future of U.S. for-eign policy.

The forum, “United States Foreign Policy in the New Mil-lennium: Directions and Chal- lenges,” is free and open to the public.

Presentations will be made by CSUS government professors Pat- rick Cannon, William Dorman, Ron Fox, Buzz Fosouni and Nancy Lapp.

The forum is part of an ongo- ing series of events on campus in response to Sept. 11. It is sponsored by the College of Social Sciences and Interdisci- plinary Studies and the gov- ernment department. Videotapes of previous forums are available in the library’s media center. More information is available by contacting the CSUS government department at 278-6202.
HOSEIN PARTOVI, physics, will present "Quantum Computation, Cryptography and Teleportation" at a colloquium at American River College on April 18.

LAKSHMI MALROUTU — After nine years teaching in New York, Lakshmi Malroutu returned to the West Coast, where she has "found her niche" in the family and consumer sciences department at CSUS. Born and raised in India, Malroutu gained her love for the West Coast and its friendly culture while attending graduate school at Oregon State University and the University of Oregon. There she earned a doctorate in consumer economics with minors in economics and planning, and public policy and management.

"I was waiting to come back," Malroutu said. "I missed the friendly atmosphere and the warm weather. I also wanted a more challenging position."

Lakshmi Malroutu was a deputy chair at Queens College, City University of New York, where she wanted to be a leader. Malroutu has found her opportunity at CSUS as a department chair in the family and consumer sciences department. She teaches professional development, an introductory course, and the senior seminar course which examines emerging trends and issues in this discipline.

"Family and consumer sciences has often been overlooked as the high-tech fields have grown," Malroutu said. "But we are in the limelight now as current issues of participation and personal finances emerge. The field has evolved as more focus is placed on the well-being of individuals and families. Family types have changed — even the definition of family has evolved."

While working with her senior seminar students, Malroutu sees how their various concentrations work together to form a greater understanding.

"That's where the interesting part is," she says. She encourages students to study outside their concentrations so they can see the relationships between disciplines.

"When a person has money problems it affects not only their financial situation, but also their whole life. They need to look at the big picture and see the parallels."

Malroutu, who arrived at CSUS last August, applies the same perspective to the people here.

"The students are more open and willing to hear both sides of an issue. There is an open exchange of ideas," Malroutu said. "It's quite diverse and more integrated. The groups are not as distinct from each other as they are in New York. Our strengths are in our diversity. It can open a window to the world."

SUSAN COMSTOCK — Although being a teacher and being a midwife don't appear to have a direct correlation, Susan Comstock says for her, they do have some aspects in common.

Comstock, a new professor of nursing, spent 15 years as a nurse midwife. She says that in midwifing you spend a lot of time giving mothers support as well as medical advice, and to her that is very similar to instructing students.

Comstock has devoted much of her career to helping others. She helped to set up the birthing center in Palos Alto which was one of the first out-of-hospital birthing centers in the United States.

"I was interested to work with a group of dynamic women and multicultural professionals to make the community get the center started," she says. The idea grew out of a birthplace resource center that was a place for pregnant women and mothers to go for classes and information.

Comstock has traveled to India to help develop the midwifery portion of a nursing program at Maharaj Sawai Sanjivani Charitable Hospital in the Punjab. Comstock also assisted in establishing clinics and labs for students to get ongoing practice. She says it was a chance for her to learn from another culture and at the same time help them with their program.

Comstock says something that happens in one country can easily affect another country. Worldwide health issues are becoming more important, she says.

"I don't think most people realize how easily diseases can be spread from one country to another." For example, a person with the Ebola virus can get on a plane in Africa and bring the disease to the United States without even realizing it.

Comstock is teaching an obstetrics course for undergraduate nursing and a general education class on women's health. She will be the bache- lor's degree in psychology from Stanford University and a bache- lor's degree in nursing from the University of the State of New York. She also has a master's degree in nurse midwifery from Georgetown University. Comstock is working on a doctorate from Case Western Reserve University in Cleveland.
A new report on the quality of life in the Sacramento Region shows the region’s economy continues to be a desirable place to live and work. The report, “Quality of Life Index 2012,” was prepared by CSUS, Valley Vision and the Sacramento Area Council of Governments (SACOG). It evaluates quality of life by analyzing 40 indicators of the economic, social, and environmental vitality of the region, with comparisons to past years as well as state and national measures. The picture painted by the report is not entirely rosy. For example, in education the report shows reading and math scores are below the state and national averages, but drop-out rates and eligibility for CSU admission in the region remain below the state average. In addition, traffic congestion has emerged as a significant issue as the region’s economy and population continue to grow.

For more information about “Quality of Life Index 2002” contact the CSUS California Institute for County Government at 324-0796. Copies of the report are available online at www.csus.edu.

National Library Week will be celebrated on campus with a series of lectures, book sales, poetry readings and musical performances. Created in 1958, National Library Week is celebrated across the country each April. Its purpose is to recognize the contributions of our nation’s libraries and librarians to society, as well as to promote library use and support.

The week of April 15 - 19, poetry readings and live music concerts will take place daily from 11 a.m. - 1 p.m. on the first floor of the CSUS library.

A book sale is scheduled from 10 a.m. - 3 p.m., Thursday, April 18 in the Library Breezeway and a used book sale will be held daily from 4 - 6 p.m., at the CSUS Library Conference Room, Room 214.

Faculty authors in the series include: Lynn Wilcox talking about her book Women and the Holy Quran on Monday, April 15, Francisco Reeves talking about his book Encuentros: Hombre a Hombre on Tuesday, April 16, and Waneeza talking about his book, Chang- ing Dreams and Treausred Memo- ries: A Story of Japanese Americans in the Sacramento Region on Friday, April 19.

Other speakers include professors Randy Phelps, recipient of the President’s Award for Research and Creativity; Professor Bill Walker from “Star Clusters in Chile” on Wednesday, April 17 and Angus Wright giving a lecture “From Despair to Hope: Brazi- lian’s Landless Movement for Agrarian Reform” on Thurs- day, April 18.

For more information about the National Library Week events call Kim Kuenlen at 278-5954.

National Library Week

Tolerance

Continued from page 1

Praise of Folly.

• 10 a.m. to noon, Wednes- day, April 17 –10 winners of the student essay competition, topics to be announced.
• 1 to 3 p.m., Wednesday, April 17 – “Responding to Ter- rorism,” with Gale Justin on “Is Justice Only Useful?” and Randy Mayes on “Privacy in a Sus- picious Society” and Cliff Ander- son on “When is War Justified?”

More information is available by contacting the philosophy department at 278-4244.

Poetry, music and lectures set for National Library Week

Tomato

Continued from page 1

Their discovery – Promoter of the Tomato Expansion Gene LeEXP-1 – is a genetic “switch” that can be used to trigger the activation of any gene placed adjec- tant to it. To produce antibodies, the antibody gene is cloned from an animal cell line and placed adjacent to the LeEXP-1 pro- moter. When this new gene is transferred back into tomato plants, the antibody gene is turned on in tomato fruit, which leads to the accumulation of antibodies. The antibodies can then be puri- fied from the fruit.

For edible vaccines, a different gene – one from the organism being vaccinated against – would be inserted adjacent to the LeEXP-1 promoter and trans- ferred into the tomato. These fruit would then contain the protein of the organism. Consumption of the fruit then could generate an immune response that protects the individual from exposure to the organism itself in the future.

Ewing notes that they still have a way to go toward their long- range goal of a tomato-based vac- cine. They are just beginning to test the levels of protein they may be able to produce. But if the work comes to fruition, Ewing foresees a great potential for use, especially in developing countries.

“Regular vaccines are often too expensive – they have to be refrigerated, you have to have clean needles,” Ewing says. “While the edible vaccines would still need to be administered by a health professional, they would be much cheaper.”

The process could be used for an existing vaccine or as a way to develop vaccines. Ewing would like to see it used for vaccines that pharmaceu- tical companies don’t devote much time and money to, such as in developing countries where there’s not a lot of money to be made in fighting diseases that impact large numbers of people,” Ewing says.

The discovery of the promoter of the LeEXP-1 gene isn’t the only reason Ewing is pursuing his tomato as his potential source. Previous efforts to produce edible vaccines using potatoes would have required subjects to eat the tubers raw, since cooking would alter the chemistry. Ewing thought it might be better to try something that people will eat uncooked, so he looked at the tomato.

Also for proteins that may later be purified, tomatoes may be superior to sources being used now such as tobacco, corn or soybeans, so they could produce larger amounts for lower costs, he says. There is also less pollen transfer than with other plants and therefore less risk of cross-contamination.

By summer Ewing expects to be able to put some test plants in place to test how well the system will work. Eventually he hopes to test some in a field near a local biotech facility, buffered from other plants.

– Laurie Hall

River City Day

makeover

Because of waning interest and participation in recent years, the annual River City Days has been converted into a new event for incoming freshmen: It will no longer function as a community open house.

The new “Freshman Welcome Day” will be held this year on May 4. A series of events for next year’s freshmen will be held throughout the day.

Details: 278-7362.
ongoing
Art exhibit, Judy Pfaff, 10th annual Festival of the Arts, various times, various locations. (916) 276-6166. Continues to April 26.

“Dialogues in Beauty: Music, Art and Poetry,” exhibit, 10th annual Festival of the Arts, noon - 4:30 p.m., Monday - Friday, Watt Gallery. (916) 276-2787. Continues to April 12.

“Society of Six,” art exhibit, 10th annual Festival of the Arts, 10 a.m. - 5 p.m., Tuesday - Saturday, University Library Gallery. (916) 276-2782. Exhibit continues to July 26.

monday, april 8
Poetry Readings, CSUS professors Joshua McKinney and Doug Rice, 10th annual Festival of the Arts, 3 p.m., University Union Hinde Auditorium. (916) 276-2787.

Poetry Readings from Calaveras Station 2002, 10th annual Festival of the Arts, 4 p.m., University Union Hinde Auditorium. (916) 276-2787.

Faculty Recital, CSUS Daniel Kennedy, percussion, 10th annual Festival of the Arts, 8 a.m., Solano Hall 1010. Tickets $12 general/$10 students and seniors/ $8 children under 12. Tickets at CSUS Ticket Office at (916) 766-4241 or at Tickets.com at (916) 766-2277. Continues to April 3.

Tuesday, April 9
Baseball vs. UC Davis, 6:30 p.m., Raley Field. Tickets $8 general/$4 CSUS. Tickets available at the event. (916) 276-6896.

Poetry Reading, Dennis Schmitz, 10th annual Festival of the Arts, 7:30 p.m., University Union Hinde Auditorium. (916) 276-2787.

Faculty Recital, CSUS professor Keith Bohm, saxophone, 10th annual Festival of the Arts, 8 p.m., Music Recital Hall in Capistrano Hall. Tickets $6 general/$4 students and seniors. Tickets at CSUS Ticket Office at (916) 276-4243 or at Tickets.com at (916) 766-2277.

Wednesday, April 10
Concert, Bach’s Latin alter-native, Fablibber, reggae rock, noon, Serna Plaza adjacent to the University Union. (916) 276-6897.

Spring Career Fair, 10 a.m. - 2 p.m., University Union Ballroom. (916) 276-6231.

“Rep & More,” dance concert, 10th annual Festival of the Arts, 8 p.m., Solano Hall 1010. Tickets $12 general/$10 students and seniors/ $8 children under 12. Tickets at CSUS Ticket Office at (916) 276-4243 or at Tickets.com at (916) 766-2277. Continues to April 3.

Friday, April 12

Literary Readings, CSUS alumni Randy White, Heather Hutcherson and Tracea Ireland, 10th annual Festival of the Arts, 7:30 p.m., University Union Hinde Auditorium. (916) 276-2787.

Lecture, artist-in-residence Debo-rah Leafkowitz, 10th annual Festival of the Arts, 3 p.m., University Union Hinde Auditorium. (916) 276-2787.

Thursday, April 11
Screen and Monsters, Inc., movie double feature, 7 p.m., Serna Plaza adjacent to the University Union. (916) 276-6897.

National Alcohol Screening Day, free alcohol screenings for students, 10 a.m. - 2 p.m., University Union Lobby. (916) 276-6026.

Procurement/contracts open house, 9 a.m. - noon, special feature: overview of employee ads and stock received reports, Sacra-mento 162. (916) 276-7407.

Lecture and reception, graphic designer Jayme Odgers, 10th annual Festival of the Arts, 7 p.m., Mariposa 1000. (916) 276-2787.

“Dialogues in Beauty: Music, Art and Poetry,” poetry reading, 10th annual Festival of the Arts, 3 p.m., Watt Gallery. (916) 276-2787.

HIV ORDEAL

The 2002 version of Dale Scholl Dance/Art’s annual production, Rep & More, tackles difficult dance moves and social issues at 8 p.m., April 10 - 13, in Solano Hall 1010.

This year Rep & More, part of the 10th annual Festival of the Arts, highlights a work that deals with HIV and survival, created by Eric Vianele.

“The dance is based on my long-term survival of a much-feared and stigmatized disease,” he says. “I am sharing some of the lessons I have learned since discovering I was HIV-positive some 17 years ago when I was still a teenager.”

Vianele is the choreographer-in-residence for Dale Scholl Dance/Art and a local elementary school teacher who works with children with special needs. He received the largest “2001 New Works” grant from the Sacramento Metropolitan Arts Commiss-ion to create the piece.

Tickets are $12 general, $10 for students and seniors and $8 for children under 12. Tickets are available at the CSUS Ticket Office at 276-4243 or at Tickets.com at 766-2277.

Saturday, April 13
10th annual Community Service Day, more than 200 students, staff and faculty donate more than 1,000 hours of volunteer service, 8 a.m., University Union Ballroom. (916) 276-6896.

Faculty Recital, soprano Marla Volovna, 8 p.m., Music Recital Hall in Capistrano Hall. Tickets $6 general/$4 students/2 children under 12/CSUS students free. Tickets available at the event. (916) 276-6896.

Softball vs. Utah State, Big West Conference, noon, Shea Stadium. Tickets $5 general/$4 seniors/2 children under 12/CSUS students free. Tickets available at the event. (916) 276-6896.

Rimpetra, 10th annual Festival of the Arts in conjunction with New Millennium Concert Series, 8 p.m., Music Recital Hall in Capistrano Hall. Tickets $5. Tickets at CSUS Ticket Office at (916) 276-4243 or at Tickets.com at (916) 766-2277.

Literature Reading, Pulitzer Prize-winner John Grahv, 10th annual Festival of the Arts, 7:30 p.m., University Union, Hinde Auditorium. (916) 276-2787.

Pirates of Penzance, a musical comedy by W.S. Gilbert and A.S. Sullivan, 10th annual Festival of the Arts, 8 p.m., University Theatre. Tickets $15 general/$10 students, alumni and seniors. Tickets at CSUS Ticket Office at (916) 276-4243 or at Tickets.com at (916) 766-2277. Continues to April 21.

Rep & More:” downtown comedy, 10th annual Festival of the Arts, 8 p.m., Solano Hall 1010. Tickets $12 general/$10 students and seniors/ $8 children under 12. Tickets at CSUS Ticket Office at (916) 276-4243 or at Tickets.com at (916) 766-2277. Continues to April 13.

Baseball vs. UC Riverside, 1 p.m., Hornet Field. Tickets $5 general/ CSUS students free. Tickets available at the event. (916) 276-6896.