



UNIVERSITY OF CONNECTICUT

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PHOTO BY JESSICA TOMMASELLI

Trumpeters herald the arrival of the platform party at the Graduate Commencement ceremony held in Gampel Pavilion on May 9.

Fulfill your own dreams, Shriver tells graduates

BY COLIN POITRAS, SHERRY FISHER, MICHAEL KIRK, & CHRIS DEFRADESCO

As a member of the prominent Kennedy family and chairman of the international Special Olympics serving 2.5 million athletes in more than 165 countries, Timothy Shriver knows something about the pressures of meeting other people's expectations.

His advice to students during dual undergraduate commencement exercises May 10: don't allow others to dictate your future.

"Don't try to live up to someone else's expectations no matter how much you love them or respect them," Shriver told students from the College of Liberal Arts and Sciences in Harry A. Gampel Pavilion. "Don't try to fulfill their dreams.

"It is time, graduates, for you to define your own expectations of success," he said, "and to think through what you really want, what you really believe is the answer to your biggest questions."

With this year's graduating class entering a world struggling for both prosperity and purpose, Shriver encouraged students not to let their need for financial security define their quest.

"To reduce your life's mission to a paycheck is an insult," said Shriver, who earned a doctorate in special education from UConn in 1997. "It's an insult to your intelligence. It's an insult to your education. It's an insult to your potential, and it's an insult to your spirit."

Although the students had taken thousands of hours of classes and hundreds of exams in their lifetime, Shriver urged them to take one more course.

"The syllabus is your life," he said. "There is no final except the one you won't attend. Every sunrise is a quiz. Every person is a reading. Every moment of loss is an invitation to come in and see the professor. Every moment of triumph is also an invitation to come in and see the professor. Ask why does it matter? Are triumph and disaster really that different? Do you know why you are here? Will that 'why' guide you through it?"

President Michael Hogan also encouraged graduates to extend themselves beyond their careers despite the difficult economic times.

Quoting Sir Winston Churchill, he said, "We make a living by what we get, we make

UConn to host 2011 World Youth Peace Summit

BY RICHARD VEILLEUX

Connecticut Gov. M. Jodi Rell announced on May 14 that the World Youth Peace Summit will be held in Connecticut in the summer of 2011, with the University of Connecticut serving as the host institution. Nearly 20,000 participants are expected.

The World Youth Peace Summit is a major initiative of the Institute for International Sport, a non-profit organization founded and led by Dan Doyle. The Institute has organized numerous U.S. and World Scholar-Athlete Games for the past 25 years with the goal of promoting peace through the medium of sports and the arts.

The World Youth Peace Summit begins with the six-day World Scholar-Athlete Games. Artists and athletes from around the world, aged 15-19, will assemble at UConn for the Games. During the final days of the Games, the World Youth Peace Summit will commence. Nearly 20,000 past

participants of Scholar-Athlete Games and delegates nominated by the United Nations will join the current scholar-athlete/artists for a one-week intensive academic program.

The Summit's mission is to help current and former scholar-athletes and scholar-artists develop peace initiatives for their home communities or countries, and give them the tools to implement their programs successfully. These young community leaders will create a grassroots global network of peace advocates to foster a more peaceful world. Participants will receive leadership training and targeted assistance in social entrepreneurship and development of community-based programs.

"With our internationally recognized programs in human rights and social entrepreneurship, UConn is in an excellent position to partner in this effort," UConn President Michael Hogan said. "We have world-class faculty and students working in these areas

and outstanding facilities to house the activities that the Summit will involve."

With anticipated attendance of 2,000 participants for the games and another 20,000 Summit participants, the event will have a significant impact on the state. The tangible benefits of job creation, advancement of strategic priorities of the host organizations, and increased tourism will be heightened by the intangible benefits of the legacy the event will leave behind.

The fifth World Scholar-Athlete Games will include baseball, basketball, chess, golf, field hockey, sailing, crew, wrestling, lacrosse, rugby, soccer, squash, softball, swimming, tennis, track and field and volleyball. Teams will be comprised of scholar-athletes from different countries to foster understanding and knowledge of other lands. Arts activities include art, choir, culinary arts,

see Peace Summit page 2

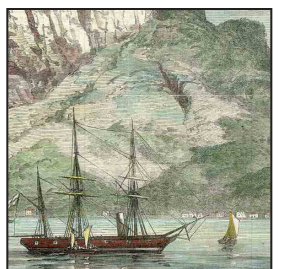
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PHOTO BY ROBERT A. FRAHM

UConn junior Zach Fraser with students at Clark Elementary and Middle School Academy, during a Husky Sport fund raiser on May 1.

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dance, digital photography, symphony, theatre, and writing/poetry.

After the games, approximately 20,000 past participants and delegates nominated by the United Nations will join the current scholar-athletes to develop Pathways to Peace initiatives through an intensive academic program, which will be accompanied by cultural and athletic activities. Speeches by major world leaders and prominent peace advocates will be held each day in the Hartford area, augmented by small group discussions and workshops.

“I am grateful to so many people in Connecticut for providing the Institute for International Sport with this opportunity,” said Doyle. “We have assembled a wonderful team to move forward with what I am confident will be a transformational peace initiative. All of us working on this project will spare no effort to ensure its success.”

Numerous programs and events will build momentum for the World Youth Peace Summit. The Institute for International Sport will host The Ambassadors of Peace Dinner, featuring General Colin Powell, on Oct. 28, 2009, at the Waldorf-Astoria Hotel in New York City to raise funds for the

peace initiative. During the next two years, a range of Connecticut municipalities, academic institutions, community and religious groups will be offered the opportunity to host a Peace Lecture or Peace Performance to support the World Youth Peace Summit. An international Walk for Peace will

be organized during Memorial Day weekend 2011 with support from thousands of Scholar-Athlete Games graduates. Other Summit events will be held in Rhode Island and will be chaired by Rhode Island Attorney General Patrick Lynch and Alan Hassenfeld of Hasbro Inc.



PHOTO BY PETER MORENUS

Senate President Donald Williams speaks at a press conference in the Old Judiciary Room at the State Capitol. Seated are President Michael Hogan and Dan Doyle, founder of World Youth Peace Summit.

Correction

An article in the May 4 *Advance* stated in error that the African studies concentration and the M.A. in international studies have

been discontinued. Although the African studies concentration in the M.A. program in international studies has been discontinued, the

M.A. program in international studies is still offered.

Publication Notice

The *Advance* is now on a summer publishing schedule. The next issue will be published on Monday, June 8.

UConn again meets NCAA’s academic standards

The University of Connecticut meets the standards in all 24 of its sports programs in the latest NCAA Academic Progress Rate (APR) report, released May 6.

The report is based upon a compilation of data from the 2004-05, 2005-06, 2006-07, and 2007-08 academic years. The APR is intended as a four-year rate of measure, aggregating four years of data to produce one rate. This year marks the second time that the release of figures included a full four-year sample. UConn continues to meet the APR standard in all of its 24 sports.

“Our student-athletes and coaches have once again demonstrated their commitment to our academic mission at UConn,” says Jeffrey Hathaway, director of athletics, noting that this year’s Academic Progress Rate scores at UConn are the best since the program’s inception.

Hathaway congratulated the student-athletes for their hard work, and the Counseling Program for Intercollegiate Athletes, headed

by Bruce Cohen, for its role in the academic counseling and support of student-athletes.

Three UConn teams were singled out nationally by the NCAA with a “Public Recognition Award:” the men’s golf and women’s tennis team, each of which scored a perfect 1,000 in the APR, and the 2009 NCAA Championship women’s basketball team, which posted a score of 991. These awards are given to teams scoring in the top 10 percent of the APR in their sport.

Three other UConn programs reached a nearly perfect score on the report: women’s lacrosse scored 994, women’s soccer 992, and field hockey 991.

The football team had an APR score of 951, placing it above the national average for Football Bowl Subdivision schools (941) and all public institutions (931). The men’s basketball score of 939 was ahead of the national average for all Division I schools (933) and public institutions (924).

Alumni Weekend June 5-6

The one ton ice cream sundae. Horsebarn Hill. The greenhouses. Hypnotist James Mapes.

These are all things that are familiar to UConn alumni. This year they will be offered during Alumni Weekend on June 5 and 6.

“Our goal is to offer alumni a taste of what’s new on campus and also some of the familiar things they experienced as students, such as James Mapes, who has performed every spring for years,” said Lisa Lewis, director of the Alumni Association. “We think many of the familiar events will help people remember the days they spent at UConn.”

The two-day event will also include a behind-the-scenes tour of Gampel Pavilion, the Burton Family Football Complex, and the Mark R. Shenkman Training Center; a hands-on demonstration of the Kids are Scientists Too Program, a summer camp for students entering grades five to 10; and a dinner com-

memorating the 10th anniversary of the opening of the South Campus residence halls.

The reunion will also feature a program honoring Kevin Fahey, who has worked in Student Activities for 30 years and a session with Ron Mallet, professor of physics, who will speak on time travel.

Of particular interest to veterans will be the dedication of the Fort Trumbull room at the Alumni Center commemorating students, soldiers, and sailors who called the Fort Trumbull campus in Groton home, and the unveiling of the “Ultimate Sacrifice Roll of Honor” commemorating UConn students who died in the service of their country.

For a complete list of events, or to register online, go to www.UConnAlumni.com/alumniweekend. Participants may also register by calling the Alumni Association at 860-486-2240. The registration deadline is Friday, May 29.

UNIVERSITY OF CONNECTICUT

Advance

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Use law career to serve others, says human rights attorney



PHOTO BY SPENCER A. SLOAN

Cherie Blair, human rights attorney and women's advocate, delivers the 2009 Day Pitney Visiting Scholar Lecture at the Law School on May 1.

BY MICHAEL KIRK

Many Americans likely know Cherie Blair as the wife of former British Prime Minister Tony Blair, but she is also an accomplished human rights attorney and advocate for women.

During a talk at the UConn School of Law on May 1, Blair discussed human rights, women's issues, and the importance of attorneys using their careers to offer some benefit to society.

Born to a single mother in a modest home in Liverpool – “more Pittsburgh than Connecticut,” she said – Blair went on to graduate first in her class from the London School of Economics. She was later named Queen's Counsel, a title of distinction in the British legal world.

“Between you and me,” she said of her university education, “I got much better marks than my husband.”

Blair said she was pleased to see that, in addition to reams of legal texts, the Reading Room in William F. Starr Hall was decorated with pictures of female jurists – many of whom earned their law degrees from UConn.

When she was in college in the

1970s, she said, “things were not quite as good for women in the law in the UK or the US. It was the culture at the time.”

She recalled a text book telling students that the law was a demanding task for a man – and even more difficult for a woman.

“These days there would be a lawsuit,” she said, noting that during the past three decades, attitudes have changed, in part because of the work of lawyers.

Although the profession may get its share of scorn from time to time, in the current economic climate, she joked, “we should actually just take comfort in the fact we're not bankers.”

“We can't underestimate the importance of the law as an agent of change in our societies,” Blair said, urging members of the audience to put their law degrees to use in serving others. “You will get more out of the law if you make it a worthwhile career in every sense.”

One noble pursuit would be to help improve access to justice, she said. “It is those who are most in need of legal advice who are least able to afford it. Access to justice is a fundamental human right.”

When it comes to human rights,

she said, it is vital that societies raise their eyes beyond their national borders.

Blair recalled that she tried to persuade then-President George W. Bush not to abandon American commitment to an international agreement regarding human rights while she still lived at 10 Downing Street.

“He took it in good humor,” she recalled, but in the end, didn't heed her advice.

Blair fielded several questions pertaining to human rights issues, including Islamic religious courts in Britain, human trafficking, honor killings, and wearing traditional religious garb in schools.

On the criminal indictment of Sudan's president, she said the case presents practical difficulties, noting that the actions of the International Criminal Court sometimes hinder the regional settlement of conflict.

Blair said accusations of human rights abuses should be dealt with first and foremost by the societies themselves, adding, “the International Criminal Court is a court of last resort if that's not possible.”

Two graduate students awarded Fulbrights for overseas research

BY NAN COOPER AND COLIN POITRAS

Two UConn graduate students have been awarded Fulbright Scholarships for research overseas.

Jonathan Winterstein, a doctoral student in materials science & engineering, will carry out research for nine months at the Austrian Centre for Electron Microscopy and Nanoanalysis – an institute renowned for its high quality electron spectroscopy and microscopy. The Centre is associated with the Technical University of Graz.

Amanda Wendt, a doctoral student in ecology and evolutionary biology in the College of Liberal Arts and Sciences, will continue her research on bats and their role in the regeneration of tropical forests in Costa Rica.

The Fulbright program is sponsored by the U.S. government and seeks to enhance cultural awareness and cooperation between U.S. scientists and professionals and peers around the globe.

Winterstein's Fulbright research will focus on ceramic fuel cell materials. He says ceramics play an important role in making next-generation clean energy technologies – such as solar and wind power – affordable and reliable.

“Currently, cost is restrictive and the spread of solar and wind resources is not uniform,” he says. “That is, not every part of the world receives equal wind or sunlight. Solutions to these barriers may come in the form of new technologies based on ceramic materials. For example, some ceramic materials can be used to convert solar heat into hydrogen that can later be used to power fuel

cells. Hydrogen technology is a potential means to reduce cost and distribution difficulties of solar and wind power.”

He notes that many technologies to convert plant material to biofuels also depend on ceramics. Ceramic fuel cells, which convert clean hydrogen or biofuels to electricity without burning, are among the most promising technologies for clean energy generation, he says.

Winterstein's research at UConn has focused on the chemical and structural characterization of oxide ceramics, in particular cerium oxide, a promising material for energy technologies. He is seeking to control defects in the ceramic materials in order to optimize the performance of fuel cell materials, using transmission electron microscopy and spectroscopy to studying defects at the nano scale.

Winterstein previously received

a prestigious National Defense Science & Engineering Graduate (NDSEG) Fellowship, which has supported much of his doctoral research. He is advised by C. Barry Carter, professor and head of the Department of Chemical, Materials & Biomolecular Engineering.

Wendt is currently participating in a large field study at the La Selva Biological Station in northern Costa Rica, where she is conducting research on the roosting behavior, foraging behavior, and seed dispersal habits of a particular bat species.

Macro bats, such as the large fruit bats, eat ripe fruits as part of their diet. As they eat the pulp of the fruit, the seeds drop to the ground below them. These seeds are then either eaten or moved by other animals that spread them around the forest floor, creating new saplings and new growth forest. A single fruit bat can disperse

thousands of seeds to help replace the forest it lives in.

Wendt is examining a group of fruit-eating bats called “tent bats” that roost or nest in the leaves of palms. While the bats' tendency to disperse seeds for a wide variety of mature forest trees is well-established, little is known about what factors influence where they roost and what happens to the seeds once they are dropped below the roost.

Wendt has spent much of the past three years catching bats in nets, mapping forest areas, and tracking seedlings. As part of her Fulbright work, Wendt will expand her research into an analysis of how local communities interact with forest areas in their region and the bat populations that live there.

“I am especially curious to get an idea about what the land owners and neighboring communities

know about the mammal community of the forest patches – what animals they see there, and if they are seeing more or less animals than before,” Wendt says. “If there are less mammals in small forest patches, then the bats I study may be even more important to the forest.”

Robin Chazdon, a professor of ecology & evolutionary biology, who works closely with Wendt, calls her “an amazing field biologist.” She says Wendt “has strong interests in bat conservation and in enhancing public understanding regarding bats and their ecological interactions with trees.”

She notes that Wendt is a talented educator. “Her love for natural history is infectious ...,” Chazdon says. “She enjoys teaching people of all ages and backgrounds about tropical forests and their astounding diversity of creatures.”



PHOTO BY VANESSA BOUKILI

Fulbright Scholar Amanda Wendt in Costa Rica.

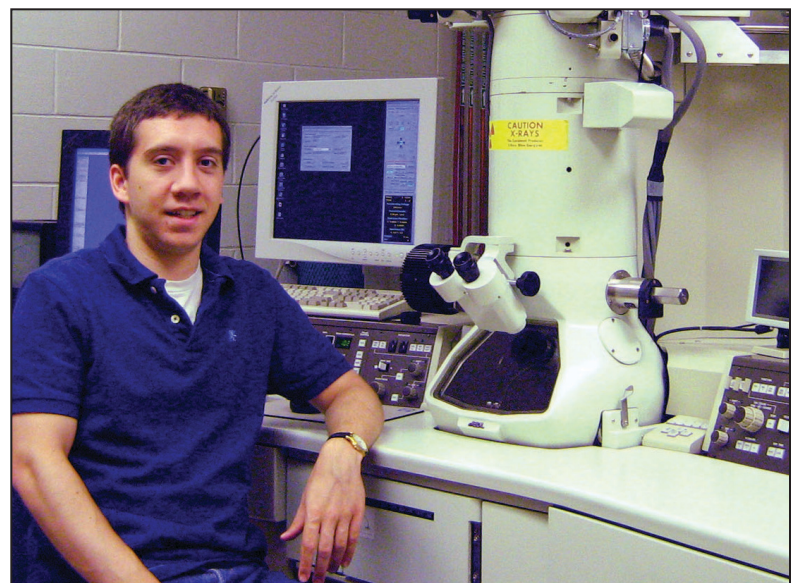


PHOTO SUPPLIED BY SCHOOL OF ENGINEERING

Jonathan Winterstein with a transmission electron microscope.



PHOTO BY JESSICA TOMMASELLI
President Michael J. Hogan and graduate Meghan Perrone at the College of Liberal Arts and Sciences Commencement ceremony at Gampel Pavilion.

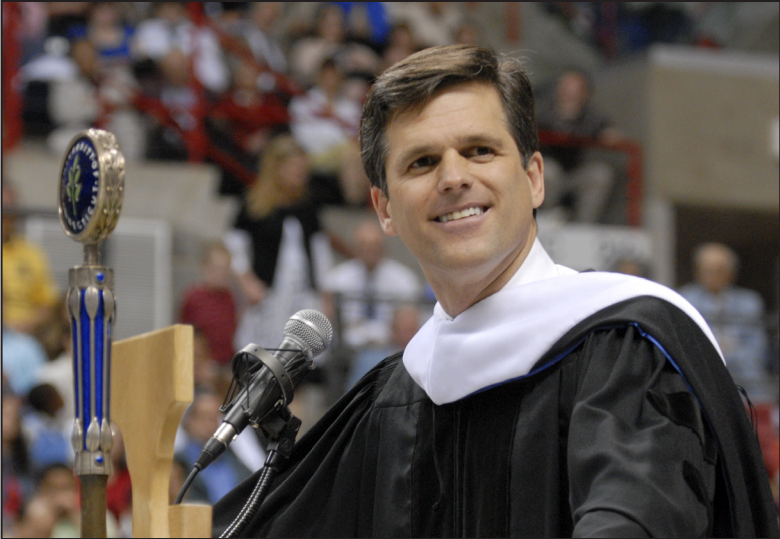


PHOTO BY FRANK DAHLMMEYER
Timothy Shriver delivers the Commencement address at the College of Liberal Arts and Sciences.

Commencement *continued from page 1*

a life by what we give.

“So get into the habit of giving until you can support your favorite worthy cause with your pocket-book. Volunteer your time to it,” Hogan said. “Share the gifts you’ve been given with others. And remember, the three things we crave most in life – happiness, freedom, and peace of mind – are all best obtained by giving them to others.”

While Hogan kept his audience laughing with comical allusions to the new college staples – pizza, Facebook, and tattoos – he ended his address on a serious note, asking students to create two ongoing “life lists.”

One, he said, should be titled, “This Is What Matters To Me.” The other, “How I Spend My Time.”

“Make it your ambition to align the first list with the second list,” Hogan advised the students. “Make your time matter.”

Shriver received an honorary Doctor of Human Letters degree during the ceremony, and Jeremy Teitelbaum, dean of the College of Liberal Arts and Sciences, presented four faculty members with awards for excellence in research. Those recognized were Mary Burke (English); Donald Les (ecology & evolutionary biology); James Rusling (chemistry); and Stephen Ross (economics).

Additional Commencement ceremonies were held in Storrs during the weekend May 9-10 for the Schools of Business, Education, Engineering, Fine Arts, Nursing, and Pharmacy, the College of Agriculture and Natural Resources, and the Center for Continuing Studies.

Additionally, the Army and Air Force ROTC programs held commissioning ceremonies.

Graduate ceremony

Robert Sternberg, dean of the Tufts University School of Arts and Sciences and a scholar in the fields of psychology, education, and management, told graduate degree candidates that wisdom is not just about how much you know or how many skills you have developed.

“It’s about applying your knowledge and skills, over the short and

long terms, toward a common good, through the infusion of positive and ethical values,” Sternberg told master’s and doctoral students and their families during the graduate Commencement ceremony in Gampel Pavilion on May 9.

“Wise people – Nelson Mandela, Martin Luther King, Mother Teresa, and others apply what they know not only to help themselves, but also to help others and the world,” he said.

“The crisis in the world today was created, in part, by people with high IQs and great educations,” Sternberg said. “How could such smart people go wrong? The reason is that it is possible to be smart and foolish at the same time.”

He said it is difficult to be wise, because people are susceptible to certain cognitive fallacies of thinking that lead them – no matter how smart they are – to think foolishly. These are the false belief in one’s omniscience, omnipotence, invulnerability, and a false sense of ethical disengagement.

“Smart people, glorying in their success, may start to act as though the whole world revolves around them,” Sternberg said. “In doing so, they often set themselves up for downfall, as happened to Dennis Kozlowski, the former CEO of Tyco, who spent company money extravagantly on himself and his

wife as though company resources were to be tapped as his own personal piggy bank.”

He said smart people often find themselves in positions of substantial power, lose sight of the limitations of their power, and start to act as though they are omnipotent: “Several U.S. presidents as well as presidents of other countries have had this problem, leading their countries to disaster on the basis of personal whims.”

Sternberg received an honorary doctorate of science during the ceremony.

Also recognized were Board of Trustees Distinguished Professors Gregory Anderson, (ecology and evolutionary biology), Diane Burgess, (pharmaceutical sciences), and Diane Lillo-Martin (linguistics).

Law School

Sheila Bair, chairman of the Federal Deposit Insurance Corporation gave the Commencement address at the law school ceremony on May 17, where 229 students were awarded degrees.

“There are glimmers of hope that we’re moving beyond the financial crisis that triggered the recession,” said Bair, chairman of the Federal Deposit Insurance Corporation.

“We’re past the panic phase we saw last fall, and we’re now in the clean up phase.”

She said that as the banks are repaired, and lending - especially

for housing - gets back to more normal patterns, the economy and the job market will start to improve, though she said the process would probably take a year.

“But take heart,” said Bair. “Be patient. I know we’ll dig out of this. And you’ll find that job, that opportunity you’re seeking, and put your education to good use.”

Bair spoke of challenges she faced in her own life and gave graduates three lessons she said she has learned: be determined and look at having the “freedom to fail” as an asset; take risks in life – though be wise about them; and find balance between things like career and family and between the quest for financial success and happiness.

“When the economy gets healthy again, I hope for a new ‘back-to-basics society, she said. “A new ‘old world’ where banks and other lenders promote real growth and long-term value, where your generation rediscovers the peace of mind of financial security that comes from thinking before spending, cutting up the credit cards, and maybe even living at home for a year to save some money to pay off student loans.”

When it comes to achieving happiness in life, said Bair, “the people who seem happiest to me are those who follow their hearts, who are determined to do great things but are not afraid to fail once in a while and who take some risks and find balance in their lives.”

Schools of Medicine and Dental Medicine

Keith Batchelder advised students graduating from the Schools of Medicine and Dental Medicine to pause and contemplate the era of great change in health care.

The Commencement ceremony was held May 17 at the Connecticut Convention Center in Hartford.

“Being prepared for change will be more important for you and your peers than it has been for anyone involved in health care over the last hundred years,” said Batchelder, chief executive officer of Genomic Healthcare Strategies, and a graduate of UConn’s School of Dental Medicine.

The UConn Health Center awarded degrees to 76 medical doctors, 40 dentists, 52 master’s degree candidates, and 24 doctors of philosophy.

“I am both envious and optimistic,” Batchelder said. “While you have been handed a future with many problems, there are also many opportunities. I think you’ve been armed with education and areas of focus that will allow you to have useful and important roles in that future.”

Medical student speaker Chandrika Gardner conceded that the future comes with uneasiness, but offered hope and reassurance.

“We’re finally getting to do the work we’ve been training for and wanting to do for the past four years, and for a lot of us, this is what we’ve wanted to do for our entire lives,” she said.

Dental student speaker Brian Bell encouraged a confident approach to the next stage in the graduates’ careers.

“Although it’s important that we fully subscribe to the philosophy of being lifelong learners, we must not forget all we’ve learned here in our time at UConn,” Bell said.

Graduate student speaker David Blair urged graduates to “not forget how instrumental this institution was to our growth as doctors, researchers and policymakers,” and urged them to be advocates for continued funding and support for the University.



PHOTO BY SPENCER A. SLOANI
Sheila Bair, chairman, Federal Deposit Insurance Corporation, spoke at the School of Law Commencement.



PHOTO BY PHOTO BY JOHN ATASHIAN
Dental student Tony D’Occhio accepts a congratulatory handshake from Dr. Cato T. Laurencin, vice president for health affairs and dean of the UConn School of Medicine.

Researchers call for better data collection on breastfeeding

BY COLIN POITRAS AND
TIMOTHY STOBIESKI, CLAS '11

Researchers with the Center for Eliminating Health Disparities Among Latinos are recommending improvements in breastfeeding monitoring and surveillance at the national and state levels, based on a series of recent publications.

The researchers reached their conclusion after analyzing breastfeeding data collection methods in 11 federally-funded national surveys. Their study, "U.S. National Breastfeeding Monitoring and Surveillance: Current Status and Recommendations," was published in the May 2009 issue of the *Journal of Human Lactation*, the official journal of the International Lactation Consultant Association. It determined that while breastfeeding data are being collected, these surveys are not optimal for monitoring breastfeeding practices from a health disparities perspective.

Currently, 11 federal surveys or datasets collect information on breastfeeding practices in the United States. However, these surveys are not well integrated to form a comprehensive monitoring system.

"Careful surveillance and monitoring of breastfeeding practices in the U.S. is important, because breastfeeding is associated with decreased rates of several health conditions, including diabetes, obesity, chronic inflammation of the inner ear, and premenopausal breast cancer," says the study's lead



PHOTO BY FRANK DAHLMMEYER

Donna Chapman, assistant professor in residence of nutritional sciences, outside of the Roy E. Jones Building.

author Donna Chapman, assistant director of the Center for Eliminating Health Disparities Among Latinos and assistant professor-in-residence in the Department of Nutritional Sciences. "Conversely, populations that are least likely to breastfeed bear an unusually high level of incidence for these conditions."

Chapman and her UConn colleague Rafael Pérez-Escamilla, a professor of nutritional sciences

and director of the Center for Eliminating Health Disparities Among Latinos, found that the breastfeeding questions used in these federally funded surveys are not standardized. Many of the surveys also lacked questions regarding relevant variables – such as racial or ethnic subgroup, maternal height and pregnancy weight, delivery mode (cesarean delivery vs. vaginal delivery), and duration of breastfeeding practices

– which may be useful in studying the breastfeeding outcomes.

"This type of work is important, because we need to make breastfeeding the norm in the U.S.," says Chapman. "If researchers, hospital administrators, and public health officials can't access useful data on breastfeeding practices in the U.S., they are limited in their ability to develop effective, culturally-sensitive interventions to minimize the barriers to breastfeeding."

In a related research paper, Chapman, Pérez-Escamilla, and researchers at the Boston Medical Center recommended the adoption of a standardized breastfeeding question on birth certificates as a way to improve breastfeeding surveillance in the U.S. They reached this conclusion after analyzing breastfeeding data collection methods in each of the 50 states plus New York City, Washington, D.C., and the four U.S. Territories. Their study, "Breastfeeding Status on U.S. Birth Certificates: Where Do We Go from Here?" was published in *Pediatrics* in December 2008.

The U.S. Standard Certificate of Live Birth was revised in 2003 to include a question on breastfeeding. States are not required to use this federal birth certificate template, however, or to adopt the exact wording of the question on their birth certificate. As a result, there are 11 different variations in the wording of the birth certificate breastfeeding question and the number and types of responses

available to respondents.

Out of 53 responding U.S. states and territories, 30 were collecting data on breastfeeding on their birth certificates as of May 2008. By 2010, nearly 80 percent of U.S. states are expected to be collecting breastfeeding data on their birth certificate, according to the study.

This increase in breastfeeding data collection represents a "significant contribution to our national breastfeeding surveillance efforts," says Chapman, "because in each participating state, data are collected on every newborn to document breastfeeding status during the first days of life. This eliminates any potential errors due to sampling bias."

Chapman and her colleagues recommend that the wording and administration of a national breastfeeding question on birth certificates be standardized, so that the collected data can be compared across states.

"The development of a carefully constructed breastfeeding question for use on state birth certificates is essential," she says. "This question should document, not only if the infant received breast milk, but also if the infant was exclusively breastfed – received only breast milk – during the hospital stay. This will make a valuable contribution to our knowledge on early breastfeeding practices."

The research study was supported by funding from the National Institutes of Health.

Engineer to develop methods to detect tampering in computer chips

BY NAN COOPER

Integrated circuits, or chips, provide the "brains" for virtually everything electronic, from cell phones, microwave ovens, and automobiles, to radar, computers, and fighter jets. Yet these circuits are extremely vulnerable to intentional tampering.

Armed with a new \$400,000, five-year National Science Foundation CAREER Award, Mohammad Tehranipoor, an assistant professor of electrical and computer engineering in the School of Engineering, aims to develop techniques for identifying chips that have been deliberately compromised.

The funding will enable Tehranipoor to conduct research aimed at detecting and localizing so-called hardware "Trojans" in integrated circuits.

Named after the Trojan horse the ancient Greeks used to infiltrate and defeat the city of Troy, a hardware Trojan, says Tehranipoor, is a small piece of circuit designed to disable and/or destroy a system at some future time – often referred to as a "time bomb" – or to leak confidential information covertly to the enemy.

Tehranipoor says that, for economic reasons, most integrated circuits and microprocessors are designed, fabricated, and packaged overseas, rendering them more

vulnerable to malicious activities, and raising serious concerns regarding possible threats to U.S. military systems, financial infrastructures, transportation security, and even household appliances.

The task of pre-testing chips is enormous, and although they typically undergo hundreds of millions of logic gate tests, not every chip and not every function is tested. Instead, tests focus on determining baseline metrics, such as how much power a chip consumes, what layout structures are inherent in the chip, and how well a chip performs the specific application functions needed. A maliciously hidden circuitry that produces no disruption in the chip's normal functions will not necessarily be detected using these tests.

Verifying the trustworthiness of an integrated circuit, a process called IC authentication, is very complex, since there is no information about the type, size, and location of the Trojans.

Tehranipoor's research centers on the types of cyber-assaults in which the attacker is assumed to maliciously alter the design before or during fabrication – a type of alteration that is extremely difficult to detect.

His efforts focus on developing methods to detect design- and fabrication-level malicious alterations, and methods that

reveal deliberate tampering that affects the chip's reliability, such as changing the chip's functionality at critical times while it is operating. Tehranipoor has developed a post-manufacturing step to confirm that the chip performs as it was originally intended.

He believes his IC authentication technique will be of significant interest to a broad array of users, including many semiconductor companies that outsource device fabrication and government agencies. His authentication method will also offer the public greater confidence in the security of electronic healthcare records, defense weapons, and computing platforms for intelligence, weather forecasting, and transportation.

Tehranipoor, who joined UConn in 2006, received the 2008 IEEE Computer Society Meritorious Service Award for his contributions in planning a number of IEEE workshops and symposia in 2007 and 2008. He has garnered a number of Best Paper awards, and is frequently invited to speak at academic conferences and to semiconductor companies.

Tehranipoor received his Ph.D. degree from the University of Texas-Dallas in 2004. He is one of 19 current engineering faculty members to hold a CAREER Award.



PHOTO BY CHRISTOPHER LAROSA

Mohammad Tehranipoor, assistant professor of electrical and computer engineering.



Spring trees bloom outside of the Family Studies Building.

PHOTO BY FRANK DAHLMEYER

GRANTS

The following grants were received through the UConn Health Center’s Office of Grants and Contracts in March 2009. The list represents new awards as well as continuations. The list of grants is supplied to the *Advance* by the Office of Grants and Contracts.

Principal Investigator	Department	Sponsor	Amount	Award Period
Federal Grants				
Alessi, S.	The Pat & Jim Calhoun Cardiology Center	Research Resources	\$166,500	02/08-01/20
<i>Contingency Management for Smoking in Substance Abuses</i>				
Arnold, A.	Molecular Medicine	National Institute of Diabetes & Digestive & Kidney Diseases	\$31,450	02/08-01/10
<i>Molecular Pathogenesis of Hyperparathyroidism</i>				
Bansal, R.	Neuroscience	National Institute of Neurological Disorders & Stroke	\$398,621	07/06-02/10
<i>Proteomic Mapping of Myelin and its Membrane Subdomains</i>				
Eipper, E.	Neuroscience	National Institute of Diabetes & Digestive & Kidney Diseases	\$57,235	01/06-12/09
<i>Biochemistry & Physiology of Peptide Amidation</i>				
Hla, T.	Center for Vascular Biology	National Heart, Lung & Blood Institute	\$370,000	03/08-02/10
<i>Sphingosine 1-Phosphate Receptors in Vascular Homeostasis and Pathology</i>				
King, S.	Molecular, Microbial & Structural Biology	National Institute of General Medical Sciences	\$342,563	04/09-03/10
<i>Molecular Analysis of Flagellar Dynein Function</i>				
Kuwada, S.	Neuroscience	National Institute on Deafness & Other Communication Disorders	\$392,415	04/07-03/10
<i>Neural Mechanisms of Binaural Hearing</i>				
Laurencin, C.	Orthopedics	National Institute of Biomedical Imaging & Bioengineering	\$17,722	06/08-05/10
<i>Novel Biodegradable Materials for Tissue Engineering</i>				
Lieberman, J.	Orthopedics	National Cancer Institute	\$40,879	08/07-06/09
<i>RANKL and BMPs in Prostate Cancer Induced Bone Lesions</i>				
Loew, L.	Center for Cell Analysis	National Institute of Biomedical Imaging & Bioengineering	\$342,563	04/09-01/10
<i>Potentiometric Dyes and Membrane Permeability</i>				
Mains, R.	Neuroscience	National Institute of Diabetes & Digestive & Kidney Diseases	\$496,244	04/09-03/10
<i>Cell Biology of Bioactive Peptide Secretion</i>				
Mathieu, G.	Surgery	National Heart, Lung & Blood Institute	\$402,252	03/09-02/10
<i>Ventricular Remodeling in the Adapted Heart</i>				
Maulik, N.	Surgery	National Heart, Lung & Blood Institute	\$40,177	01/08-12/09
<i>Angiogenesis in Diseased Models</i>				
McCullough, L.	Neuroscience	National Institute of Neurological Disorders & Stroke	\$291,009	03/06-02/10
<i>Energy Dysregulation: the Role of AMPK in Stroke</i>				
Mukherji, B.	Medicine	National Cancer Institute	\$229,574	04/06-02/10
<i>Rescuing CTL from Activation Induced Death</i>				
Oncken, C.	Medicine	National Institute on Drug Abuse	\$14,445	02/09-1/10
<i>Exercise in Smoking Cessation in Post Menopausal Women</i>				

Radolf, J.	Medicine	National Institute of Allergy & Infectious Diseases	\$488,017	04/07-03/10
<i>RPOS Regulation of Borrelia burgdorferi Genes In Vivo</i>				
Rodionov, V.	Cell Biology	National Institute of General Medical Sciences	\$28,120	12/06-11/09
<i>Regulation of Intracellular Transport</i>				
Rowe, D.	Reconstructive Sciences	National Institute of Arthritis & Musculoskeletal & Skin Diseases	\$272,298	04/05-12/09
<i>Promotor GFP Markers of the Osteoprogenitor Lineage</i>				
Weller, S.	Molecular, Microbial & Structural Biology	National Institute of Allergy & Infectious Diseases	\$482,548	03/08-02/10
<i>Genetics of HSV DNA Replication</i>				
Zecevic, N.	Neuroscience	National Institute of Neurological Disorders & Stroke	\$291,009	05/06-02/10
<i>Development of the Cerebral Cortex in Mammals</i>				

Private Grants

Albertsen, P.	Surgery	Univ. of Texas	\$3,220	09/01-05/13
<i>Selenium & Vitamin E Chemoprevention Trial DHHS 80003</i>				
*Aseltine, R.	Oral Health & Diagnostic Sciences	Screening for Mental Health Inc.	\$492,944	08/08-12/09
<i>Signs of Suicide</i>				
Bailit, H.	Community Medicine & Health Care	Hospital for Special Care	\$41,745	08/07-07/09
<i>Pipeline, Profession, and Practice: Community-Based Dental Education</i>				
Bailit, H.	Community Medicine & Health Care	Hospital for Special Care	\$109,473	12/08-12/09
<i>Impact of Community-Based Education on Dental School Finances</i>				
Bailit, H.	Community Medicine & Health Care	Wisconsin Dental	\$87,065	02/09-11/09
<i>Supply and Demand for Dental Services: Wisconsin, 2010-2020</i>				
Bansal, R.	Neuroscience	National Multiple Sclerosis Society	\$34,275	04/08-03/10
<i>FGF Receptor Function in Myelination & Disease</i>				
Brenner, B.	Neag Comprehensive Cancer Center	National Surgical Adjuvant Breast & Bowel Project	\$7,200	02/97-06/09
<i>NSABP Breast and Bowel Cancer Treatment DHHS BC0107-185</i>				
Caron, J.	Cell Biology	CT Breast Health Initiative Inc.	\$50,000	08/06-01/10
<i>Identification of a New Anti-Cancer Drug CH46</i>				
Ferris, A.	Medicine	Donaghue Foundation	\$106,680	04/08-03/10
<i>Evaluating Changes to the Local Food Environment</i>				
Fifield, J.	Ethel Donaghue TRIPP Center	Commonwealth Fund	\$229,904	01/08-07/10
<i>FFS Medical Home Network Pilot Project Evaluation Proposal</i>				
Klueh, U.	Surgery	American Diabetes Association	\$138,000	01/08-12/09
<i>Uses of Stem Cells to Enhance Glucose Sensor Function In Vivo</i>				
*Kranzler, H.	Psychiatry	Brown Univ.	\$6,885	03/09-03/09
<i>Sub Award Semi-Structured Assessment for Drug Dependence and Alcoholism</i>				
*Kurtzman, S.	Surgery	UConn-Storrs	\$48,500	09/02-02/10
<i>Near Infrared Diffused Light Imaging</i>				
Petry, N.	Pat & Jim Calhoun Cardiology Center	Donaghue Foundation	\$115,156	01/08-12/09
<i>Contingency Management & Pharmacotherapy for Smoking Cessation</i>				
Rosengren, S.	Genetics & Developmental Biology	Univ. of California at San Diego Medical Center	\$5,397	12/99-12/09
<i>Medications in Pregnancy Project</i>				
Secor, E.	Immunology	Vital Nutrients	\$40,057	03/09-08/09
<i>The Anti-Inflammatory Effects of Unique Bromelain Combinations in Allergic Asthma Model</i>				
Tannenbaum, S.	Medicine	Tufts New England Medical Center	\$200	07/94-12/10
<i>ECOG Cooperative Outreach Program DHHS CA 39088</i>				
State Grants				
*Leone, E.	Emergency Room	CT Dept. of Public Health	\$38,444	03/09-02/10
<i>Emergency Medical Services for Children Coordinator Consultant</i>				
Meyer, J.	Center for Public Health	CT Dept. of Environmental Protection	\$120,000	12/08-01/10
<i>Synthetic Turf Playing Fields</i>				
Petry, N.	Pat & Jim Calhoun Cardiology Center	CT Dept. of Public Health	\$49,993	09/08-08/09
<i>A Behavioral Intervention for Reducing Obesity</i>				
*Robison, J.	Center on Aging Competitiveness	CT Office for Workforce	\$500,000	02/09-02/11
<i>Data Interoperability Project</i>				
Rosenberg, D.	Molecular Medicine	UConn/Storrs	\$26,810	11/08-01/10
<i>Black Raspberry Components as Anti-Inflammatory Agents for Inflammatory Bowel Disease</i>				
*Shelton, D.	Medicine	UConn/Storrs	\$43,142	09/08-07/09
<i>Storrs Cooperative Project-Partners in Research PRG</i>				
Storey, E.	Public Health	Dept. of Labor	\$94,399	07/04-06/09
<i>Occupational Disease Clinics</i>				
Sylvester, F.	Pediatrics	UConn/Storrs	\$50,000	04/09-03/10
<i>Osteoblasts: Immune Responses in Pediatric Inflammatory Bowel Disease</i>				
<i>*Denotes Federal Funds which are awarded to other institutions and passed through to UCHC.</i>				

CALENDAR

Thursday, May 21, to Monday, June 8

Items for the weekly *Advance* Calendar are downloaded from the University's online Events Calendar. Please enter your Calendar items at: <http://events.uconn.edu/> Items must be in the database by 4 p.m. on Monday for inclusion in the issue published the following Monday. **Note:** The next Calendar will include events taking place from Monday, June 8 through Monday, June 29. Those items must be in the database by 4 p.m. on Monday, June 1. If you need special accommodations to participate in events, call 860-486-2943 (Storrs), or 860-679-3563 (Farmington), or 860-570-5130 (Law School).

Libraries

Homer Babbidge Library. Monday-Thursday, 8:30 a.m.-9 p.m.; Friday, 8:30 a.m.-5 p.m.; weekends, noon-5 p.m. Closed 5/22-5/25. **Dodd Center.** Reading Room hours: Monday-Friday, noon-4 p.m.; closed weekends. Closed 5/25. Research Center hours: Monday-Friday, 8:30 a.m.-4:30 p.m.; closed weekends. Closed 5/25. Dodd Center. Closed 5/22-5/25. **Pharmacy Library.** Monday-Friday, 9 a.m.-noon & 12:30-4:30 p.m.; closed weekends. Closed 5/25. **Music & Dramatic Arts Library.** Monday-Friday, 9 a.m.-5 p.m.; closed weekends. Closed 5/25. Music & Dramatic Arts Library. Closed 5/22-5/25. **Health Center Library.** Monday-Thursday, 7 a.m.-10 p.m.; Friday, 7 a.m.-5 p.m.; Saturday, 9 a.m.-5 p.m.; Sunday, 2-6 p.m. Closed 5/25. **Law Library.** Monday-Thursday, 8 a.m.-11 p.m.; Friday, 8 a.m.-5 p.m.; Saturday, 9 a.m.-5 p.m.; Sunday, 1-9 p.m. Closed 5/25. Law Library. Closed 5/22-5/25. **Avery Point Campus Library.** Monday-Thursday, 8:30 a.m.-7 p.m.; Friday, 8:30 a.m.-5 p.m.; closed weekends. Closed 5/25. Avery Point. Closed 5/22-5/25. **Greater Hartford Campus Library.** Through 5/31, Monday-Friday, 10 a.m.-5 p.m.; closed weekends. Starting 6/1, Monday-Thursday, 10 a.m.-6 p.m.; Friday & Saturday, 10 a.m.-5 p.m.; closed Sundays. Closed 5/22-5/25. **Stamford Campus Library.** Through 5/29, Monday-Thursday, 9 a.m.-5 p.m.; Friday, 8:30 a.m.-4 p.m.; closed weekends. Starting 6/1, Monday-Thursday, 8 a.m.-9 p.m.; Friday, 8:30 a.m.-4 p.m.; Saturday, 10 a.m.-

4p.m.; closed Sundays. Closed 5/22-5/25. **Torrington Campus Library.** Monday-Thursday, 10 a.m.-3 p.m.; Friday-Sunday, closed. Closed 5/25. Torrington. Closed 5/22-5/25. **Waterbury Campus Library.** Through 5/29, Monday-Thursday, 9 a.m.-4 p.m.; Friday, 10 a.m.-4 p.m.; closed weekends. Starting 6/1, Monday-Thursday, 9 a.m.-6 p.m.; Friday, 10 a.m.-4 p.m.; closed weekends. Closed 5/22-5/25.

Ph.D. Defenses

Thursday, 5/21 – Sociology. *Sterilization Racism: A Quantitative Study of Pan-Ethnic Disparities in Surgical Sterilization*, by Thomas Volscho (adv.: Cazenave). 11 a.m., Sociology Library, Manchester Hall. **Thursday, 5/21 – Economics.** *Minimum Wage and Low-Wage Labor Markets*, by Natalya Shelkova (adv.: Zimmermann). 10:30 a.m., Room 339, Monteith Building. **Friday, 5/22 – Computer Science and Engineering.** *Encryption Mechanisms for Digital Content Distribution*, by Serdar Pehlivanoglu (adv.: Kiayias). 10:30 a.m., Room 336, Information Technologies Engineering Building. **Friday, 5/22 – Pharmaceutical Sciences.** *Chemical Stability of Amorphous Pharmaceuticals Prepared with Silicates*, by Shumet Hailu (adv.: Bogner). 10 a.m., Room 355, Pharmacy/Biology Building. **Tuesday, 5/26 – Management.** *The Psychological Dynamics Underlying Individual Responses to Working in Multiple Project Teams: An Intra-Person and Inter-Person Investigation*, by Tammy Rapp (adv.: Mathieu). 11 a.m., Room 332, School of Business. **Wednesday, 5/27 – Chemistry.** *DNA-Based Nanomaterials: Towards the Design of Self-Assembled Artificial Light-Harvesting Units*, by Michael Duff (adv.: Kumar). 10 a.m., Room A304, Chemistry Building. **Wednesday, 5/27 – Environmental Engineering.** *Bacterial Diversity in Soil as a Function of Soil Texture*, by Jessica Furrer Chau, (adv.: Bagtzoglou). 1 p.m., Room 306, Castleman Building. **Friday, 5/29 – Pharmaceutical Sciences.** *An Investigation of the Structural Elements that Underlie the Arrestin-2 mediated Desensitization and Internalization of Cannabinoid Receptor 1*, by

Shubhadra Singh (adv.: Pavlopoulos). 10 a.m., Room 627, Pharmacy/Biology Building. **Tuesday, 6/2 – Management.** *Firms’ Strategic Risk Taking Behaviors*, by Elizabeth Lim (adv.: Lubatkin). 10 a.m., Room 332, School of Business.

Meetings
Monday, 6/8 – Health Center Board



PHOTO BY ALEXEY VON SCHLIPPE GALLERY

“End of the Day” by Rich Nazzaro, part of an exhibit on display at the Alexey von Schlippe Gallery at the Avery Point Campus through June 7.

of Directors. 8:30 a.m.-noon, Room EG013, Academic Research Building.

Lectures & Seminars

Thursday, 5/21 – CHIP Lecture. “Motivational Interviewing Interventions for HIV and Drug/Alcohol Use: 10 Years of Lessons Learned,” by Jeff Parsons, Hunter College. 12:30 p.m., Room 204, Ryan Refectory.

Exhibits

Tuesday 5/26 through Friday, 10/9 – Babbidge Library. *The University of Connecticut in Kodachrome, 1939-1959*, photographs, Gallery on the Plaza; *Capturing the Stars: The Astrophotography of Robert Gendler*, Stevens Gallery; *New Haven’s Garment Workers: An Elm City Story*, photographs, artifacts, and documents. West Alcove. For hours see Libraries section.

Tuesday 5/26 through Friday, 10/9 – Dodd Center. *Train Wreck! Railroad Crashes, Calamities, and Catastrophes in Connecticut*, photographs and documents, Gallery; *Something Important Happened Today: Student Photography on Campus*, West Corridor. For hours see Libraries section. **Through Sunday, 6/7 – Alexey von Schlippe Gallery.** Works on paper by Alida Ferrari; mixed media/found object pieces by Peter Leibert; oils on canvas by Richard Nazzaro; and

and Europe. 6 Bourn Place, Depot Campus. Open Friday-Sunday, noon-5 p.m. Suggested donation \$3 adults, \$2 children. **Ongoing – State Museum of Natural History & Connecticut Archaeology Center.** *Human’s Nature: Looking Closer at the Relationships between People and the Environment*. Hours: Wednesday-Friday, 10 a.m.-4 p.m. Free admission, donations welcome.

Performing Arts

Saturday, 5/23 – Community School of the Arts. School recital with various musical selections. 3 p.m. and 5 p.m., von der Mehden Recital Hall. Free admission. **Saturday, 5/23 – Community School of the Arts.** Faculty Recital, Nick Cutroneo, guitar. 7 p.m., von der Mehden Recital Hall. Free admission. **Sunday, 6/7 – Community School of the Arts.** Piano students of Cheryl Price. 11 a.m., Vernon Building, Depot Campus. Free admission. **Monday, 6/8 – Community School of the Arts.** Saxophone students of Jeff Taylor. 7 p.m., Vernon Building, Depot Campus. Free admission.

Potpourri

Saturday, 5/23 – Museum of Natural History Event. “A Visit to the UConn EcoGarden,” with Zbigniew Grabowski. 10 a.m. All ages welcome, children must be accompanied by an adult. Admission fee: \$10 Museum of Natural History members, \$15 non-members. Call 860-486-4460 for more information. **Monday, 6/1 – Author Talk.** “Don’t Bite Your Tongue: How to Foster Rewarding Relationships Between Parents and Adult Children,” by Ruth Nemzoff, resident scholar at Brandeis University. 1:30 p.m., Multipurpose Room, Waterbury Campus. **Tuesday, 6/2 – Tons of Fun Tuesdays.** Make your own sundae. Student Union. Admission \$1 for students, or \$2 for others. **Saturday, 6/6 – Museum of Natural History Event.** “Farming the Sound,” by Tessa Getchis. 10 a.m., Adults and children ages 6 and above, children must be accompanied by an adult. Admission fee: \$15 Museum of Natural History members, \$20 non-members. Call 860-486-4460 for more information. **Sunday, 6/7 – Museum of Natural History Event.** “A Visit to Cato Corner Farm,” Adults and children ages 8 and above, children must be accompanied by an adult. Admission fee: \$10 Museum of Natural History members, \$15 non-members. Call 860-486-4460 for more information.

Health Center faculty honoree a champion of primary care



PHOTO BY PETRA CLARK-DUFNER

Dr. Bruce Gould examines a seasonal worker at a tobacco farm in Enfield, providing care as a physician with the Mobile Free Migrant Farmworker Clinic.

BY CHRIS DEFRANCESCO

The Health Center’s Board of Directors has named Dr. Bruce Gould the 2009 winner of its Faculty Recognition Award. Gould, professor and associate dean for primary care at the UConn School of Medicine, has earned a reputation as an advocate for public health, primary care, and preventative medicine. He also serves as director of the Connecticut Area Health Education Center (AHEC) Program, medical director of Hartford’s Department of Health and Human Services, and medical director of the Burgdorf Health Center, a community clinic serving the underserved population in Hartford’s north end in collaboration with Saint Francis Hospital and Medical Center. A primary care general internist, Gould also is the founder of and adviser to the Mobile Free Migrant Farmworker Clinic, which has served Connecticut’s migrant farm workers since 1998.

“Dr. Gould has made a career of giving voice to the most vulnerable populations,” says Dr. Bruce Koeppen, dean for academic affairs at the School of Medicine. “He’s passionate about the delivery of medical care to the underserved of today and tomorrow, through his efforts to encourage medical students to consider careers in primary care and public health and his efforts to introduce youth from disadvantaged communities to those professions.” Gould helped establish the medical school’s Urban Service Track, a special mentorship program designed to produce doctors, dentists, nurses, and pharmacists committed to serving underserved populations in Connecticut’s cities, and the Youth Health Services Corps, a nationally recognized recruitment program that trains and places high school students as volunteers in health care agencies. He also is involved in the development and delivery of UConn’s

quality improvement and patient safety curriculum and its nutrition curriculum. “The quality piece in medicine, the outcome piece, how we improve the quality of outcomes to people who put their trust in us, is not necessarily taught at medical schools across the country,” Gould says. “It is taught at UConn, and doing so has improved the quality of doctor that we produce at the end of the process.” Gould served on the National Advisory Council on Migrant Health for the Health Resources and Services Administration from 2000 to 2004, including a term as chairman in 2004. The American Medical Association honored him with its Pride in Profession Award in 2004. The Board of Directors Faculty Recognition Award includes a \$10,000 bonus. Recipients have their name and photo displayed on a permanent plaque at the Health Center.

Chef’s gluten free cookbook offers recipes from simple to exotic

BY SHERRY FISHER

Hazelnut encrusted salmon. Lasagne lovers’ delight. Flaky buttermilk biscuits. These are among the some 100 recipes in Robert Landolphi’s new cookbook.

What makes this book of recipes special is that it was written for those who are allergic to the gluten in wheat and other grains.

“The recipes in my *Gluten Free Every Day Cookbook* are the kinds of dishes that people who have celiac disease and are on a gluten-free diet thought they’d never be able to eat again,” says Landolphi, a certified culinary arts instructor, chef, and culinary operations manager at UConn. “You don’t have to give up the foods you love.”

Celiac disease, a disorder that begins in the small intestine, is triggered by gluten, the main protein found in wheat, barley, and rye. Gluten is found in breads, cereals, and pastas. Processed foods, coatings, soups and sauces and dressings may contain hidden sources of gluten.

The disease causes an immune response in the cells lining the small intestine, preventing absorption of nutrients. It leads to varied physical symptoms.

Landolphi says his gluten-free journey began when his wife became ill.

“In 1996 my wife started to

develop a variety of symptoms: rashes, tingling in her fingers and toes, and hair loss,” he says. Eventually her reproductive system shut down.

Even after many visits to specialists and myriad tests, doctors still couldn’t pinpoint what was wrong. They had no idea her symptoms were food related.

Four years after her symptoms began, a relative sent her an article that discussed an under diagnosed disease – celiac.

“My wife thought she’d try a gluten-free diet to see if anything changed,” says Landolphi. It did. Her symptoms disappeared. A test confirmed her celiac disease.

Armed with his love of cooking, a culinary arts degree from Johnson and Wales University, “and a desire to keep my wife healthy,” he says, he started experimenting.

“I tried various combinations of flours, such as sorghum, tapioca, corn, and rice flours, and other gluten-free ingredients and developed a smorgasbord of dishes that my wife could eat,” he says.

Landolphi started to give cooking demonstrations for support groups, friends, and stores such as Wild Oats and Whole Foods.

“When people started to taste the dishes, they wanted to know if I had a cookbook,” he says. “I decided to put my recipes into a

book to help my wife, and to help all the other people who have to eat gluten free. I couldn’t see them going through life having to give up so many food items.”

Landolphi’s *Gluten Free Every Day Cookbook* has recipes for crab cakes, macaroni and cheese, his grandmother’s Italian meatballs, and beer battered onion rings (made with gluten free beer). There’s even a recipe for country style chicken pot pie with a cream cheese crust.

Then there are more exotic dishes, like toasted coconut shrimp with peach marmalade dipping sauce.

“All the ingredients needed are easy to find,” he says. “I wanted to make peoples’ lives easier and more enjoyable.”

The book also includes information on gluten-free flours and starches, nut meals and seeds, cooking techniques, and a chef’s perspective on eating out.

“There has been a remarkable increase over the past five years in the number of people diagnosed with celiac disease,” says Landolphi, noting that many restaurants offer gluten-free menus.

“I recommend calling the restaurant beforehand, if you can. “If you just show up, talk to a manager. The manager will check the ingredients and talk to the



PHOTO BY PETER MORENUS

Chef Robert Landolphi has written the *Gluten Free Every Day Cookbook*.

chef. They want you to have a good experience.”

Landolphi says that new students who are gluten intolerant should contact dining services either the semester or summer before arrival, or, if already on campus, as soon as possible after a diagnosis is made.

“We’ll meet with parents and the student, a registered dietitian and

a dining hall chef who can answer questions about the gluten-free menu on campus,” he says.

Dining services – which already offers gluten free bagels, breads and muffins – is beefing up its options: Next semester, gluten free entrees for breakfast, lunch and dinner will be offered in every dining hall on campus, and Union Street Market.

Professor emeritus assembling library on history of archipelago

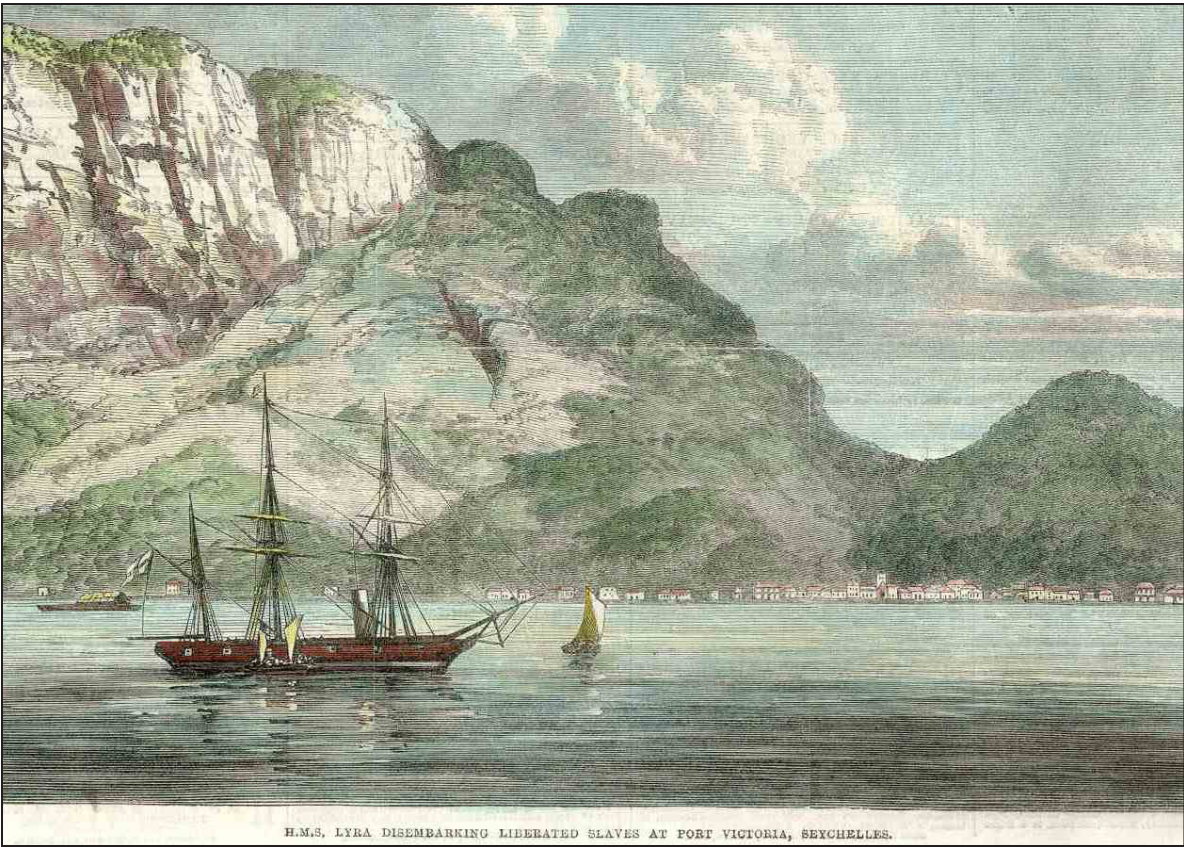


PHOTO SUPPLIED BY LARRY BOWMAN

An engraving from *Illustrated London News*, January 5, 1867, will hang in the presidential library.

BY KAREN SINGER

Most presidential libraries are filled with papers, documents and other records pertaining to the tenure of a particular leader.

The presidential library professor emeritus Larry Bowman is assembling, however, contains books, maps, periodicals, and

other rare materials covering the history of the Seychelles, an archipelago of 115 islands in the western Indian Ocean.

He got the assignment about a year ago, after receiving an order from the chief of staff to James Michel, the current president of Seychelles, for about 50 items from

Bowman’s antiquarian catalogue and web business.

“The order quickly evolved into what he really wanted,” Bowman says, which was to hire him to create a collection for an official presidential library in State House, a recently renovated colonial structure built by the British

around 1910 on the largest island, Mahe. State House was once the colonial governor’s residence but is now used for formal government receptions and events.

Bowman’s background is well suited to the task. He taught international relations in the political science department at UConn for 37 years, specializing in Southern Africa and the Indian Ocean region, and has often traveled to the region in the past several decades for scholarly and antiquarian work.

Bowman took on the assignment after being assured the historical materials would be protected from water and weather damage as well as possible theft.

“I’ve worked in many third world libraries and sold things many times in the developing world,” he says. “Where there isn’t the capability of protecting them, they disappear.”

Air conditioning also is critical in the tropics, where the humidity causes many items to rot.

He says he was eager to help: “I really believe in my heart that these materials belong in the country they’re about.”

Bowman has spent the last six months working on the project, buying maps and books from all over the world.

So far, he has purchased 35 maps and prints dating back to the 17th century, and around 300

books and documents, including early British colonial reports on slavery and the abolition of slavery in the Seychelles.

Since retiring from UConn in 2005, Bowman, who still lives in the Storrs area, has been building his antiquarian business, which involves selling Indian Ocean materials to collectors and institutions worldwide. He began the business in the early 1990s as an outgrowth of his own extensive collection.

During a recent trip to the Seychelles, he visited State House and met with those working on the presidential library project.

“I don’t have any sense that it’s going to be a circulating library,” Bowman says. “I think there will be a room where the books are kept, and the maps could be all over the place because there is plenty of wall space.”

He anticipates that he’ll be working on the project indefinitely, though with fewer and fewer items left to locate.

“I obviously know where other Seychelles collections are, and I’d be very surprised if I haven’t helped many of those collectors,” he says. “But it’s very tricky to find items, because the materials are few [to begin with] and the market is so thin.”

The library may have a formal opening, and Bowman hopes he’ll be invited. “For me this wonderful project is a dream come true.”