In a report to the General Assembly, the Connecticut Academy of Science and Engineering (CASE) has recommended that the General Assembly approve the clinical partnership being proposed by the UConn Health Center and Hartford Healthcare Corp., the parent company of Hartford Hospital.

During a Feb. 3 presentation at the Capitol to members of the legislature’s higher education, appropriations, finance, and public health committees, CASE representatives also recommended that the state authorize the construction of a replacement hospital on the Farmington campus.

“It’s clear that Connecticut is at a crossroads,” says Dr. Myron Genel, chairman of the CASE study committee that prepared the report. “We can maintain the status quo or look to the future by supporting this proposed partnership and replacement hospital.”

The partnership would form a new corporation called University Hospital Inc. One hospital, two campuses

University President Michael Hogan told legislators during the hearing, “The partnership would create one university hospital that would have two campuses in Hartford and Farmington. With a combined total of 1,100 beds, it would create the clinical engine needed for us to achieve a top-tier research university.”

CASE endorses hospital proposal in report to General Assembly

see Hospital proposal page 2

Winter Commencement to be discontinued

Four years later, when a snow and ice storm created hazardous conditions along the East Coast, the ceremony was canceled in deference to travel conditions faced by graduates’ families.

Winter commencement was intended to ease pressure on the traditional May ceremony, as the number of graduates outgrew Gampel Pavilion. It also was hoped that more students who finished their studies in August and December would attend the ceremony, since few mid-term graduates were returning in May for commencement.

But when UConn’s schools and colleges began holding individual ceremonies last year, the May commencement became less crowded. The College of Liberal Arts and Sciences recommended moving future ceremonies to the spring.

Winter Commencement to be discontinued

see Winter Commencement page 2

Governor’s budget reflects dire economy

Budget recommendations announced Feb. 4 by Gov. M. Jodi Rell, if approved by the General Assembly, could cause a potential shortfall in state support for the Storrs-based programs of more than $55 million over the next biennium.

The governor’s recommendations, says Chief Financial Officer Richard Gray, equate to a 9.2 percent reduction in state support needed to maintain currently provided services in the 2010 fiscal year, and 13.1 percent in fiscal year 2011.

The governor’s recommendation for the UConn Health Center – one of the few agencies to realize a budget increase in the governor’s recommendation – still falls $6.6 million and $12 million short of the funding levels needed to maintain current services in the next two years.

The governor’s budget recommendations “reflect the extremely severe economic conditions which pervade our nation and our state,” said University President Michael Hogan in an e-mail to the University community. “But we also are compelled to meet the needs of our students, patients, and community.”

see Governor’s budget page 8
Hospital proposal continued from page 1

status for our medical and dental schools, and build capacity for substantial economic development in biomedical technologies.*

The medical staff of University Hospital would consist of UConn School of Medicine faculty and Hartford Hospital full-time em-
ployed and voluntary physicians.

The partnership would also promote the practice of the full-time employed clinical faculty at the Health Center and Hartford Hospital. New faculty hires would be dually employed by University Physicians Inc. for clinical purposes and by the School of Medicine for aca-
demic purposes. Current UConn School of Medicine faculty members may remain exclusively employed by the School of Medicine.

Employee matters

During the hearing, Hogan told legislators that the most important and difficult decisions involved employee matters. Current non-
unionized staff managers may re-
maintain their roles or choose to be employed directly by University Hospital. Newly hired non-unionized staff managers would be em-
ployed by the non-profit Universi-

ty Hospital. Current unionized staff supervisors and professional employees (UHP bargaining unit) would remain state employees, as would new hires within those categories. Current and new hires in other unions, including 1199, AFSCME, and CEIU, would re-
main state employees.

UConn and Hartford Health-
care Corp. would have cross-re-
presentation on governing boards. University Physicians Inc. would have its own board of directors.

Funding responsibilities

The financial risk for the opera-
tions of University Hospital and
University Physicians would fall under Hartford Healthcare Corp., which means the state would no longer be responsible for the unpredictability of John Dempsey Hospital’s financial performance. Hartford Healthcare Corp. would be responsible for other major funding commitments, includ-
ing a new downtown patient care
tower, academic support, funding for growth of clinical faculty, and biomedical technology invest-
ments. Over a 10-year period, the proposed Hartford Healthcare Corp. funding commitment would total between $425 million and $856 million.

The state would still be respon-
sible for continued funding of the Health Center and the Schools of Medicine and Dental Medicine; the state employee fringe benefit differ-
tial, and a replacement hospital. Over a 10-year period, that would total nearly $605 mil-
lon. Most of that, $475 million, would be for the replacement hospital and that funding would be needed incrementally, with the largest financial payout for actual construction costs several years down the road.

During his concluding remarks, Golen noted that failure to act would jeopardize the status and research capacity of UConn’s medical and dental schools and also continue the operation of an inefficient, obsolete John Dempsey Hospital or assure its eventual closure.

The original CASE report presented to the legislature last March was prepared at the direc-
tion of the General Assembly and in response to UConn’s proposal to replace the aging John Dempsey Hospital with a new, 352-bed hospital. The report concluded that Dempsey Hospital is outdated and too small, and the cost to revital-
ize the current facility as a hospital cannot be justified. In response, UConn issued a Solicitation of Interest, which began a process of discussions with area hospitals. Hartford Healthcare Corp. and Hospital of Central Connecticut submitted the only comprehensive response to the Solicitation of Interest.

Hogan said he hoped the legislature would approve the pro-
aposal and authorize the construction of a replacement hospital during the current legislative session. Con-
struction of the new hospital is expected to take six years.

Regional collaboration

Dr. Cato Laurencin, vice presi-
dent for health affairs and dean of the School of Medicine, told legis-

tutors that efforts are underway with the other regional hospitals to develop the Connecticut Health Education and Research Collabor-

ative. Participating hospitals would include Bristol Hospital, Connecti-
cut Children’s Medical Center, St. Francis Hospital, Hospital of Central Connecticut, Hartford Hospital, and the Health Center.

The collaboration is designed to enhance the education and research missions of all participat-
inng partners. Laurencin says it would improve clinical care and patient safety, and help the Schools of Medicine and Dental Medicine achieve “top-tier” status. Laurencin also outlined a pro-
posed affiliation with Connecticut Children’s Medical Center that would run the management and operation of the Health Center’s neonatal intensive care unit over to the Connecticut Children’s Medi-
cal Center.

UConn joins iTunes U

BY SHERRY FISHER

Students at UConn may soon tune into their iPads for more than just music. They might be listening to a course lecture or watching a lab demonstration.

Thanks to an agreement with the State and Apple, the University will be able to produce free audio and video podcasts of lectures, workshops, PowerPoint presenta-
tions, performances and more, and post them for easy access. The free technology will be offered through what is called “iTunes U,” accessed online through the iUniverse Store. Keith Barker, associate vice provost and director of the Institute for Teaching and Learning, says the podcasts will be easy for students to find, and can be downloaded to their computers and iPads. “Faculty can provide supplemental course materials for their students that can be accessed wherever or whenever they are.”

The Institute will provide train-

ing for faculty.

The UConn iTunes U will have a restricted-access section with content for the University community, and an unrestricted section for public access.

The partnership offers the Uni-

versity a platform to showcase its faculty, students, and research to the rest of the world, Barker says: “The public iTunes U section can be a tool to raise UConn’s visibility. We can post promotional material, including speeches from Com-


enarrative later in the year. One of the advantages would be to allow for a reading day for students prior to final exams.

During the past few years, about 800 students have completed their studies in August or December. All mid-term graduates will continue to be invited to the May com-

feral technology will be offered through

A professor’s involvement may

be as simple as making an audio recording of all class lectures, but it can make a big difference to a student.

“If a student misses a class, he or she can listen to it anywhere at any time,” Henderson says. “In some cases, even if they came to class, might want to download a particular lecture to help prepare for a midterm or final. It helps dif-
f

ferent kinds of learners.

Once the user has downloaded content, it may be kept in his or her iTunes library.

Henderson says the new system will make demonstra-
tions – such as those presented in physical therapy classes – more accessible to students. In the past, certain demonstrations had to be videotaped and students had to get to a lab to watch them. Podcasts distributed from iTunes U will allow students to view them at their leisure, without leaving their rooms.

UConn is currently creating its iTunes U site, which is expected to be up and running in a few months.

Winter Commencement

Sciences continues to host a large

The May 2009 commencement

schedule is available at http://www.

commencement.uconn.edu/may/ Hoggan also has asked the Uni-

cell for growth of clinical faculty, and

institutions for the construction of a patient care pavilion by holding dual ceremo-
nies.

The May 2009 commencement

schedule is available at http://www.

commencement.uconn.edu/may/

services. Participating hospitals

would include Bristol Hospital, Conne-
icut Children’s Medical Center, St.

head of the non-profit University Physi-
cians Inc. for clinical purposes and

by the School of Medicine, told legis-

tutors that efforts are underway with

with other regional hospitals to develop

the Connecticut Health Education and Research Collaborative. Participating hospitals would include Bristol Hospital, Connecticut Children’s Medical Center, St. Francis Hospital, Hospital of Central Connecticut, Hartford Hospital, and the Health Center.

The collaboration is designed to enhance the education and research missions of all participating partners. Laurencin says it would improve clinical care and patient safety, and help the Schools of Medicine and Dental Medicine achieve “top-tier” status.

Laurencin also outlined a proposed affiliation with Connecticut Children’s Medical Center that would run the management and operation of the Health Center’s neonatal intensive care unit over to the Connecticut Children’s Medical Center.
President announces program to boost fund-raising for scholarships

By Karen A. Grava

President Michael Hogan has announced a new President’s Challenge program to raise $100 million in private funding for scholarships and graduate fellow- ships at UConn. As an incentive to donors to participate in the program, Hogan said, the University will use $50 million in existing scholarship funds to provide a match for funds given to the UConn Foundation by contributors.

The program has already at- tracted two major donors: a parent and an alumnus.

The parent, Margaret Keane of Ridgefield, is the chief executive officer of the Finance. GE has provided her with a performance award that allows her to make a gift of $15,000 to a charity of her choice. She is also making a personal gift of $10,000 to be matched by $10,000 from the GE Foundation. This will create a $25,000 scholarship fund, with the University matching a portion of student aid to those that have a need for it.

The alumnus, Doug Donaldon of Manchester, Class of 1973, is vice president of Subway Develop- ment Corp. in New England. He has given $35,000 to the program.

“The matching funds from the University were the deciding factor in our donation decision,” says Donaldson, a member of the School of Nursing’s Advisory Board, who, with his wife, Lynn, gave the gift for nurs- ing scholarships.

“Nursing students graduate with the highest debt load of any under- graduate major at UConn,” Donald- son says. “With the President’s Challenge available to make our money go further, we felt now was the best time to make a gift that helps the School of Nursing, and may begin to address Connecticut’s growing shortage of nurses.”

Hogan says he is pleased to work with the UConn Foundation to put his newly endowed scholarship and fel- lowship fund into place, just as the need for financial aid is increasing.

“Students and their families, like everyone else, are being hit hard by the current economic challenges,” he says. “Given the important role of higher education in catalyzing economic development, we need to seek ways to protect access to UConn.”

Hogan says the donor’s generos- ity is appreciated.

“The gifts from both Doug and Margaret will make a real differ- ence in the lives of several stu- dents,” he says. “The generous match from General Electric for Margaret’s gift takes her gener- osity a major step further and demonstrates that UConn, private donors, and corporate philanth- rophy can all work together as partners to advance the interests of the University students.”

The President’s Challenge Fund will use existing University scholarship funds to match dollar for dollar the spending allocation of all newly established scholarship and fellowship funds created by private funds given by public donors over the next four years.

An endowment is a permanent fund that provides income and uses a portion of earnings to annu- ally support the scholarship.

The President’s Challenge Fund also matches contributions to non-endowed scholarship or fel- lowship funds with 50 cents for ev- ery dollar given. “For the program, endowed gifts must be at least $25,000, and non-endowed gifts must be at least $10,000.”

Robert McCarthy, dean of the School of Pharmacy, says, “The President’s Challenge demon- strates to prospective donors, alumni, and other friends that the University stands ready to partner with them by making private do- nations that enable us to fulfill our academic mission. The University can’t meet its mission without pri- vate investment. We hope that support is matched by an investment on our part, we are able to make a signifi- cant commitment to assisting our students.”

The cost of attending UConn for an in-state residential undergrad- ate is $18,638 annually for tuition, fees, room, and board. The cost of graduate education at UConn is $19,500.

M. Dolan Evanovich, vice president for enrollment planning, manage- ment, and institutional research, says, “With the demand for financial aid exceeding the sup- ply of available support, and with challenging economic times looming, the need for private sources of support will continue to grow. It is important to maintain strong university scholar- ship and fellowship opportunities, and that is the impetus for this program.”

Beds to be added to on-campus housing

By Richard Veilleux

Residential life officials have announced a plan to add more than 400 new on-campus beds for students, in response to increasing demand.

The plan involves turning single efficiency apartments into doubles, and some doubles into quads. The 800 students that take the newly configured apartments will save about $4,000 per year compared with current rates.

The arrangement also will allow the University to fill a 200-person room lottery for the past eight years that has been used to allocate space in on-campus housing. The lottery has been unpopular with students.

UConn students want to live on campus,” says Steven Kremer, director of the Department of Residential Life, “but they dread the lottery. This will help us allevi- ate that worry.”

The apartments being con- verted are located in the Hilltop and Charter Oak apartment complexes, where some of the best and largest apartments on campus exist, and in the North- wood-apartment complex just off campus on North Eagleville Road. “Even after adding a student to the apartments, the square foot- age per resident will remain above average compared with other resi- dence halls on campus,” Kremer says. “We expect strong student demand for these new apartments.”

Residential life staff are work- ing one-on-one with the students who currently live in one of the apartments scheduled for convert- ion and are eligible to return. They will have a choice of staying in the converted residence at the lower rate and choosing a new roommate, or moving into single rooms elsewhere on campus.

With the addition of the 400 beds, UConn will become the fourth in the nation in terms of the total number of students housed on campus. It continues to house the largest percentage of enrolled students on-campus among public universities in the nation.

When the plan takes effect in August, UConn will have 12,371 beds available for an anticipated enrollment of about 16,000 undergraduates on the Storrs campus. More space on campus may choose either to live in off-campus housing in the Storrs area or to commute from further away.

The addition of Residential Life also has simplified the hous- ing rate structure, consolidating 17 different rental rates into five.

Workforce project saves time, increases efficiency

By Richard Veilleux

A project that began as an ex- periment in the controller’s office in 2003 – switching to electronic timecards and payroll to the cre- ation of more than a dozen other electronic programs that save time, money, and errors, while simulta- neously increasing accountability and efficiency.

The workforce project takes labor-intensive, paper-based duties and puts them into an online sys- tem designed to move the job au- tomatically from one worker to the next in a logical order, based on organizational charts and on who is authorized to perform which role. Like the timesheet program, it increases speed and efficiency.

So far, workforce technology has changed the way nine processes work, including four in the bursar’s office. Also completed are projects to streamline budget submissions, requests for a dependent tuition waiver, and online transfer vouch- ers. Four other projects are in the works, and another five – so far – are in the planning stage.

“Somebody along the line realized that using a web-based e-mail type system, we could move processes along like a train, mov- ing from station to station,” says Glen O’Keefe, University bursar, associate comptroller, and lead de- signer of the system for the finance division. He says the system can be initiated by a staff person or a student, depending on the task.

“It’s all about speed and aware- ness,” O’Keefe says. “Before, once you put something in a pink en- velope, who knew where it went? Maybe it fell between the desk, or somebody else’s desk.”

“With workflow, everybody always knows exactly where it is,” he adds. “And it makes people more accountable, if they are at all averse to embarrassment, because everybody who is in the loop for a particular job can see where the bug is in the system.”

That feature also makes the system more efficient, because staff don’t have to waste time calling several people to find out where or why a certain job has been delayed. Instead, they can see where the job is on their computer monitor.

O’Keefe’s office was the most recently beneficiary of the system, when several projects went online, finally freeing up two staff members. One of them was installed as a supervisor at the call center, a center that didn’t exist before workflow. Now, the hun- dreds of calls the office receives weekly go through the call center rather than directly to the main of- fice, allowing staff to focus on their primary jobs rather than answer- ing phones all day.

Workflow is, but if they see it, they’re going to say ‘Ah, I know how I can use it on the academic side.’
By Elizabeth Omara-Otunnu

A study led by nutritional scientist Richard Bruno has found that green tea can help mitigate the impact of nonalcoholic fatty liver disease. Bruno, an assistant professor of nutritional sciences in the College of Agriculture and Natural Resources, and his research team have found that the daily ingestion of green tea blocks the amount of fat stored in the livers of obese mice that otherwise develop severe fatty liver disease, improves liver function, and reverses declines in antioxidant defenses in the liver.

Researchers found these beneficial effects when genetically obese mice were fed green tea extract for six weeks at doses equivalent to about three to seven cups of liquid green tea per day for humans. Bruno says that although green tea had previously been found to have benefits for those with heart disease, and lowers cholesterol and triglycerides — risk factors in both heart and fatty liver disease, prior to his study “no one knew whether green tea could protect the liver against fatty liver disease.”

He describes nonalcoholic fatty liver disease as “a silent but potentially deadly disease.”

Two-thirds of Americans are currently overweight or obese, and the incidence of nonalcoholic fatty liver disease — which is very common in people who are obese or diabetic — has risen in parallel with the rates of obesity. “About 40 million people in the U.S. are estimated to have fatty liver disease,” he says, “and unless the obesity epidemic that’s underway is corrected, or we develop new dietary strategies, we should expect the incidence of this disease to increase dramatically.”

Obesity often causes insulin resistance, which results in the alteration of the body’s fat metabolism and leads to excess storage of fat in the liver. The fat-engorged liver increases in size — possibly up to two or three times its normal size — resulting in liver injury or abnormally high liver function tests. Eventually this may lead to liver failure or death.

“Nonalcoholic fatty liver disease is quite serious,” says Bruno, “yet there are currently no pharmacological therapies for it, only recommendations to lose weight and exercise more.”

Bruno and his team are looking at green tea and other dietary antioxidants that may mitigate the processes underlying the disease.

USDA grant

Their research, which has been underway for nearly four years, is currently funded by a two-year, $458,000 grant from the U.S. Department of Agriculture.

The initial study, which was featured on the cover of the Journal of Nutrition in February 2008, showed clearly that green tea reduces fat accumulation in the liver and protects against liver injury, says Bruno. The USDA award is to support research into the mechanisms by which green tea protects against fatty liver disease, and how a reduction in liver fat content improves liver function.

Possible avenues the team is exploring are whether green tea interferes with fat absorption, whether it enhances the rate at which fat is used for energy by the liver, and whether it blocks fat synthesis in the liver.

“There are data to support all three,” says Bruno. “Possibly it affects all of these systems simultaneously.”

He says that although the beneficial impact of green tea is clear from the mouse model, it may not be possible to carry out a human trial, because that would require taking multiple liver biopsies from healthy people as well as those with liver disease, raising ethical issues.

Bruno says green tea is different from other types of tea, even though they come from the same plant. When it is harvested, the leaves are immediately steamed and withered, and this preserves certain compounds known as catechins that are thought to exert beneficial effects on human health. In the processing of oolong and black tea, however, these compounds are largely destroyed.

Future research questions

In future research, he hopes to discover whether the catechins are indeed the part of green tea that is effective, and to analyze each of the four major catechins it contains.

For now, he is focusing on a whole food approach. “My philosophy is that food is a complex matrix,” he says, “and if one compound has an effect, it likely has synergistic effects in the presence of other bioactive food components.”

Bruno, a registered diettian, says he would recommend green tea as part of a weight loss program, but its effects are limited. “Green tea could be a critical component of a lifestyle change, but it is not a magic bullet,” he says. “The number one recommendation for losing weight is to exercise, and work with a diettian to develop a structured program to modify your lifestyle.”

He says he does not recommend taking green tea supplements, since these products contain only one of the catechins found in green tea.

UConn collaborators include co-investigators Suna Koo, professor and head of nutritional sciences; Joan Smyth, an associate professor of pathology; postdoctoral fellow Hae Jin Park, doctoral student Min-Yu Chung, and master’s student Dana Dinatale. Ji-Young Lee, a molecular biologist at the University of Delaware, and Lincoln, is also a co-investigator.

Radiologists’ work helps museums uncover paintings’ secrets

By Kristina Goodnough

It’s unlikely the brooding stare in van Gogh’s “Self-Portrait” reflects a premonition of many rumors that would circulate about the work nearly a century after his death.

More likely, the artist was simply experimenting with expression and technique. Luckily for the Wadsworth Atheneum, which owns the painting, the staring face covers a shadowy figure of a woman museum officials believe van Gogh painted on the canvas before he used it for his self-portrait. The similarity of that figure to peasants and country scenes painted by van Gogh between 1882 and 1885 in Nuenen, the Netherlands, helps squelch charges of forgery that were levied against the painting in the late 1980s.

The figure was uncovered with an X-ray 20 years ago by Health Center radiologist Dr. Harold Moskowitz, who was director of radiology at Mount Sinai Hospital in Hartford. The painting is now part of an exhibition at the Atheneum, What Lies Beneath: Revealing Painters’ Secrets, that displays what the Atheneum calls a fairly common phenomenon: under-images of paintings.

Moskowitz says the opportunity to take an X-ray of the painting came along by chance: “I met the museum’s chief conservator, Stephen Kornhauser, at a gathering, and he said the museum could use my help. He wanted me to X-ray the painting because of charges from a famous art critic that it was a forgery.”

The painting was brought to the hospital, where it was carefully X-rayed. When the film was hung on the view box, Moskowitz says, “at first we didn’t know what we were looking at. Then we turned it around and there was a rush of excitement as museum experts recognized the Nuenen figure.”

The under-image helped authenticate the painting, says Moskowitz. That was important pending on the energy level of the X-ray beam. The image created on a piece of film depends on the density of the material, as well as the atomic number of the structures involved, says Moskowitz. Material with a high atomic number, or a high density, absorbs more of the X-ray beam, which will show on the film as a white area. Structures with less density, or a lower atomic number, permit more of the X-rays to strike the film, producing an area that is black.

“Because of its unique characteristics, X-ray can differentiate the different elements of a painting from support, canvas, paint, and varnish,” says Moskowitz. “A radiogram will reveal not only how a picture was built, but also whether its dimensions have been tampered with. It provides information that can be very helpful to conservators and restorers.”

The exhibition is on display at the Atheneum through the end of March.

Nutritional scientist studies impact of green tea on liver disease

BY ELIZABETH OMARA-OTUNNU

A study led by nutritional scientist Richard Bruno has found that green tea can help mitigate the impact of nonalcoholic fatty liver disease.

Bruno, an assistant professor of nutritional sciences in the College of Agriculture and Natural Resources, and his research team have found that the daily ingestion of green tea blocks the amount of fat stored in the livers of obese mice that otherwise develop severe fatty liver disease, improves liver function, and reverses declines in antioxidant defenses in the liver.

Researchers found these beneficial effects when genetically obese mice were fed green tea extract for six weeks at doses equivalent to about three to seven cups of liquid green tea per day for humans.

Bruno says that although green tea had previously been found to have benefits for those with heart disease, and lowers cholesterol and triglycerides — risk factors in both heart and fatty liver disease, prior to his study “no one knew whether green tea could protect the liver against fatty liver disease.”

He describes nonalcoholic fatty liver disease as “a silent but potentially deadly disease.”

Two-thirds of Americans are currently overweight or obese, and the incidence of nonalcoholic fatty liver disease — which is very common in people who are obese or diabetic – has risen in parallel with the rates of obesity. “About 40 million people in the U.S. are estimated to have fatty liver disease,” he says, “and unless the obesity epidemic that’s underway is corrected, or we develop new dietary strategies, we should expect the incidence of this disease to increase dramatically.”

Obesity often causes insulin resistance, which results in the alteration of the body’s fat metabolism and leads to excess storage of fat in the liver. The fat-engorged liver increases in size — possibly up to two or three times its normal size — resulting in liver injury or abnormally high liver function tests. Eventually this may lead to liver failure or death.

“Nonalcoholic fatty liver disease is quite serious,” says Bruno, “yet there are currently no pharmacological therapies for it, only recommendations to lose weight and exercise more.”

Bruno and his team are looking at green tea and other dietary antioxidants that may mitigate the processes underlying the disease.

USDA grant

Their research, which has been underway for nearly four years, is currently funded by a two-year, $458,000 grant from the U.S. Department of Agriculture.

The initial study, which was featured on the cover of the Journal of Nutrition in February 2008, showed clearly that green tea reduces fat accumulation in the liver and protects against liver injury, says Bruno. The USDA award is to support research into the mechanisms by which green tea protects against fatty liver disease, and how a reduction in liver fat content improves liver function.

Possible avenues the team is exploring are whether green tea interferes with fat absorption, whether it enhances the rate at which fat is used for energy by the liver, and whether it blocks fat synthesis in the liver.

“There are data to support all three,” says Bruno. “Possibly it affects all of these systems simultaneously.”

He says that although the beneficial impact of green tea is clear from the mouse model, it may not be possible to carry out a human trial, because that would require taking multiple liver biopsies from healthy people as well as those with liver disease, raising ethical issues.

Bruno says green tea is different from other types of tea, even though they come from the same plant. When it is harvested, the leaves are immediately steamed and withered, and this preserves certain compounds known as catechins that are thought to exert beneficial effects on human health. In the processing of oolong and black tea, however, these compounds are largely destroyed.

Future research questions

In future research, he hopes to discover whether the catechins are indeed the part of green tea that is effective, and to analyze each of the four major catechins it contains.

For now, he is focusing on a whole food approach. “My philosophy is that food is a complex matrix,” he says, “and if one compound has an effect, it likely has synergistic effects in the presence of other bioactive food components.”

Bruno, a registered diettian, says he would recommend green tea as part of a weight loss program, but its effects are limited. “Green tea could be a critical component of a lifestyle change, but it is not a magic bullet,” he says. “The number one recommendation for losing weight is to exercise, and work with a diettian to develop a structured program to modify your lifestyle.”

He says he does not recommend taking green tea supplements, since these products contain only one of the catechins found in green tea.

UConn collaborators include co-investigators Suna Koo, professor and head of nutritional sciences; Joan Smyth, an associate professor of pathology; postdoctoral fellow Hae Jin Park, doctoral student Min-Yu Chung, and master’s student Dana Dinatale. Ji-Young Lee, a molecular biologist at the University of Delaware, and Lincoln, is also a co-investigator.
New Neag Institute to advance urban education reform

BY ROBERT A. FRAHM

The Neag School of Education’s new Institute for Urban School Improvement was conceived in the formal endorsement of UConn’s Board of Trustees recently, the latest step in the University’s effort to become a national model for school reform.

The institute places UConn among a select group of universities making urban education a key part of their mission, says University President Michael Hogan.

UConn’s intensified focus on urban education is consistent with its new Academic Plan, which serves as the University’s guide for becoming one of the top 20 public universities in the nation and cites the importance of partnering to improve K-12 education.

The poor academic performance of many of America’s urban schools “is a huge issue,” Hogan says.

The creation of the institute signals an aggressive agenda “not only to advance urban school education reform but also to advance the research mission of Neag,” he says. “It’s such an important step for us.”

Collaborative research

The institute grew out of a task force on urban education formed more than a year ago by Richard Schwaab, dean of the Neag School of Education.

“Education schools at major universities have conducted research with limited collaboration with public schools, but we’re changing that,” Schwaab says.

The institute serves as the vehicle for conducting research hand-in-hand with urban schools on practices that directly affect student achievement and, Schwaab adds, “will share our findings and best practices with schools in Connecticut and across the nation.”

One of the institute’s key elements is the newly created CommPACT Schools project, supported by the state legislature and developed by an unusual alliance of state teacher unions and school administrators’ organizations.

CommPACT is a five-year plan to redesign eight schools in Connecticut’s large urban school districts, attempting to stem a pattern of chronic low achievement that finds many low-income and minority students lagging far behind their peers.

That achievement gap is one of the nation’s most perplexing educational problems.

“The urban achievement gap in Connecticut is as large as it is anywhere in the United States,” says Richard Lemons, assistant professor of educational leadership and director of the institute.

Students who fail academically are at risk of a host of other problems, he says. “They show up in emergency rooms and real health care, or other health care costs, says Professor Marie Smith, vice-president of the Connecticut Department of Social Services.

Pharmacy faculty to develop medication information database

BY COLIN PENA

The School of Pharmacy has received a $781,000 grant to build an electronic medication information exchange for the state that proponents hope will be a major step forward in improving the delivery of health care in Connecticut.

Pharmacy faculty, the Connecticut Pharmacists Association, and a newly-created network of Connecticut pharmacists will use the funds to develop comprehensive medication profiles for 1,000 Connecticut Medicaid patients, and medication therapy management and adherence pilot programs for 200 Medicaid patients.

The database will contain all of a patient’s pharmacy insurance claims, their medication prescription record, their lab test data and notes about potential medication allergies, over-the-counter medications, herbal supplements, and their past medication adherence rates. This electronic health information will then be available to any licensed health-care professional seeing the patient at a hospital, emergency room, clinic, pharmacy, or other health-care location.

The pilot program was funded to determine how well pharmacist-led medication management and adherence programs would work in Connecticut and how pharmacists can assist the state in developing a comprehensive electronic health and medication information exchange database.

The overall goal of the pilot is to improve patient health and quality of care for Medicaid patients, as well as reduce overall health care costs, says Professor Marie Smith, head of the Department of Pharmacy Practice.

“The ability to have timely, comprehensive, and accurate information about a patient’s medications through the creation of an electronic medication information exchange is vital to the delivery of health care,” says Smith, principal investigator for the project. “Here at the School of Pharmacy, we believe that pharmacist-led medication management and adherence programs would be beneficial not just to the 200 Medicaid patients in the pilot project but to all residents of Connecticut.”

The pilot was funded as part of a $5 million grant the Connecticut Department of Social Services received from the federal Centers for Medicare & Medicaid Services.

The UConn School of Pharmacy will report its findings in 2010.

Margherita Giuliano, executive vice-president of the Connecticut Pharmacists Association, says the association is excited about the possibilities for pharmacists and patients that the pilot program may have. “This is a great opportunity for pharmacists to improve patients’ quality of care and ultimately save the health care system a great deal of money,” Giuliano says. “This project will enable pharmacists to access and triage patient health information, thereby identifying medication-related problems.

“Also importantly,” she adds, “this project will highlight the value of pharmacists as trained medication experts in the management of patient health care.”

Medication therapy management is a relatively new concept that has been proven successful in other areas where it has been implemented. In the late 1990s, two employers in Asheville, N.C. – the municipa
gal government and Mission-St. Joseph’s Health System – started a pilot program where specially-trained pharmacists held face-to-face meetings with employees with diabetes to educate and motivate them to better manage their condition and medications.

As a result, participating employees visited local hospital emergency departments at a rate one-third the national average. Their employers’ direct medical costs declined by between $1,622 and $3,536 per participant, and one employee had an average reduction in program participant sick days of 41 percent.

In a separate project dealing with employees with hypertension (high blood pressure) and dyslipidemia (disruption in the amount of fat molecules in the blood, including high cholesterol), those participating in medication therapy management saw their blood pressure drop and the percentage of patients exceeding their blood pressure goals increased from 40.2 percent to 67.4 percent.

Employees also saw reductions in the use of over-the-counter medication use increased three-fold, while related medical costs decreased by 46.5 percent.
The following grants were received through the Office for Sponsored Programs (OSP) in October 2008. The list represents only new proposals awarded, and excludes continuations. The list is supplied to the Advance each month by OSP.

P.I.                     Department                                      Sponsor Amount         Award Period

---

Federal Grants

Subcontract Between UConn and Wheeler Clinic Inc.


Arnold, C. Dept. of Extension U.S. Dept. of Agriculture $343,473 9/08-9/10

Regional Water Quality Project: Connecticut Portion

Auer, C. Plant Science U.S. Dept. of Agriculture $300,000 9/08-9/11

POM Internship

Babb, I. National Undersea Research Center Conn. Dept. of Environmental Protection/Long Island Sound $24,401 10/08-4/09

An Underwater Tour of Long Island Sound – Phase Two – The Movies

Bagzoglu, A. Civil & Environmental Engineering Native Nano LLC $177,795 9/08-9/09

Fluid-Structure Interaction Analysis and Testing of an Innovative Small–Scale, Environmentally Friendly, Low–Head Hydropower Concept

Barber, T. Mechanical Engineering United Technologies/ $6,000 9/08-9/09 UTC Power/UTC Fuel Cells

Fuel Cell Pressure Plate Optimization

Bartholomew, Dept. of Extension U.S. Dept. of Agriculture/ $5,000 1/08-3/09

C. 2009 Pro New England Post Management Network State Network Project

Benson, D. Molecular & Cell Biology Pfizer Inc. $168,745 10/08-10/10

New Technologies for Extracting, Characterizing, Amplifying and Detecting Nucleic Acids Supporting the Development of Rapid Microbiological Methods (RMMP)

Bucklin, A. Marine Sciences Woods Hole $17,400 10/08-10/08

Charter of R/V Connecticut by WHOI/Packard Oceanographic Institution

Bucklin, A. Marine Sciences Woods Hole $11,400 10/08-10/08

Oceanographic Institution

R/V Connecticut Charter by WHOI for Track Cruise

Bucklin, A. Marine Sciences Woods Hole Group Inc. $23,200 10/08-10/08

R/V Charter of Connecticut by Woods Hole Group/Catalane

Burgess, D. Pharmaceutical Sciences Nat’l. Insts. of Health/ $90,917 9/08-9/09

Food & Drug Admin.

Development of Quality by Design (QbD) Case Studies and Guidance Elements on Parenteral Dosage Forms

Bushey, J. Civil & Environmental Engineering Entex Technologies Inc. $12,279 10/08-4/09

Technical and Operational Support for Entex Pilot Plant at the Stafford Connecticut Water Pollution Control Facility

Cao, C. Technical Engineering Nat’l. Aeronautics & Space Admin./Univ. of Illinois $288,369 9/08-9/11

Adaptive Control with a priori guaranteed Performance Bounds and Robustness/Stability Margins

Carter, M. Center for Regenerative Biology Conn. Dept. of Public Health $200,000 9/08-9/10

Early Differentiation Markers in Human ES Cells: Identification and Characterization of Candidates

Chrobak, J. Psychology Pfizer Inc./Flax Univ. $14,568 2/08-5/08

Neurophysiology of Receptor Actions in Prefrontal Cortex

Chrobak, J. Psychology Pfizer Inc./Flax Univ. $22,949 9/07-2/08

Neurophysiology of Receptor Actions in Prefrontal Cortex

Chrosziel, C. Civil & Environmental Engineering Schnabl Engineering $2,000 9/08-12/08

North LLC

Analysis of Soil-Cement Samples

De Guise, S. Sea Grant College Program Environmental Protection Agency/Long Island Sound Office $450,000 10/08-9/12

Research to Fulfill the Long Island Sound 2008 Agreement

---

Donahue, A. Public Policy Dept. of Homeland Security/Univ. of North Carolina $564,024 7/08-6/16

Risk Perception, Preferences, and Preparedness

Duffy, Y. Allied Health Sciences Nat’l. Inst. of Health/ $7,348 9/08-8/09

Nat’l. Inst. of Child Health & Human Development/ Univ. of Florida

University of Florida Chemosensory Research Program

Enderle, J. Electrical & Computer Engineering Veterans Admin./ $29,031 10/08-10/09

Providence Medical Center

Clinical Engineering Internship Program at the Providence VA Hospital

Getchis, T. Sea Grant College Program U.S. Dept. of Agric./ $254,142 9/08-9/10

Northeast Aquaculture Dept. of Extension Network


Substance Abuse & Mental Health Svcs. Admin./ Center for Mental Health Svcs./Wheeler Clinic Inc.

Conn. Mental Health Transformation State Incentive Grant

Jain, P. Electrical & Computer Engineering Department of Defense/ $65,700 8/08-2/09

Defense Advanced Research Projects Agency/ Alcatel-Lucent

Growth and Characterization of InGaAs-InP Devices and Othoelectronic Systems

Jeffery, S. Pharmacy Practice Veterans Admin./ $47,634 8/08-7/12

Providance Medical Center/Health Services Research & Development

Group Intervention for DM Guideline Implementation

Kiminski, J. Plant Science U.S. Dept. of Agriculture/ $32,500 7/08-6/09

Northeast Plant Diagnostic Network

Kraus, C. Ctr. for Svy. Resch. & Analysis Foodshare Public Opinion Survey $11,000 9/08-11/09

Foodshare

Connecticut Transportation Asset Management and Pavement Life-Cycle Cost Analysis

Luh, P. Electrical & Computer Engineering EnvoPower Inc. $57,375 8/08-8/09

Wavelet Decomposition for Short–Term Load Forecasting of Mid-West ISO

Mack, F. Dramatic Arts Support for CRTA’s Production of Pericles Commission on Culture & Tourism $24,716 7/08-6/09

Conn.

Morris, T. Plant Science U.S. Dept. of Agriculture/ $171,032 10/08-10/09

Univ. of Vermont

Regional Coordinator of Northeast USDA SARE Professional Development Program

O’Donnell, J. Marine Sciences Conn. Dept. of Environmental Protection/Long Island Sound $24,866 9/08-10/12

The Expansion of the Long Island Sound Integrated Coastal System to the Connecticut River for Environmental Education and Research

Olderman, N. CCS – Master’s in Office of Safe and Drug-Free Schools

UConn Emergency Management for Higher Education

Papke, R. Molecular & Cell Biology U.S.-Israel Binational Science Foundation $45,000 10/08-10/10

Mechanisms of Gene Exchange in Malapropic Archaea

Patrilli, K. Electrical & Computer Engineering Dept. of Defense/ $50,000 8/08-8/09

Defense Advanced Research Projects Agency/Aptima Inc.

Algorithms for Organizational Identification and Automated Development of Action Plans for Adaptive Forces

Perusse, R. Educational Psychology School Counseling Internship – Casey Conn. Dept. of Education/ $21,577 8/08-4/09

Suffield Public Schools, Suffield, Conn.

Ranjeet, B. ISS-Academic Programs Center U.S. Dept. of Education/ $99,360 8/08-6/08

Clear Up Transition to College Summer Program/Conn. Dept. of Higher Education

Rasmussen, T. Animal Science Conn. Public Health Dept. $634,818 9/07-9/11

Production and Validation of Patient-Matched Pluripotent Cells for Improved Cutaneous Repair

Reis Rennall, Educational Psychology U.S. Dept. of Education/ $2,250,000 10/08-10/13

Office of Elementary & Secondary Education

Schoolwide Enrichment Model-Reading (SEM-R) in the Middle Grades

Shelton, D. Nursing Instruction & Research Nat’l. Insts. of Health/ $134,358 9/08-7/10

Nat’l. Inst. of Nursing Research

Formalizing a Research Partnership in Corrections

Singer, M. Center for Health, Intervention & Prevention Nat’l. Inst. of Mental Health/Fal Unv. $45,051 9/08-6/13

Center for Interdisciplinary Research on AIDS

Sossis, R. Anthropology Univ. of Oxford $18,647 5/09-8/10

Finding Minds in the Natural World: Agency Attribution & theSacralization of Land in Tyva Republic

Subb, S. Chemistry Dept. of Defense/Air Force Office of Scientific Research/Techno Systems Inc. $5,120 7/08-6/08

Advanced Materials and Testing


Identification of Important Habitat Characteristics of horseshoe Crab Spawning Beaches in CT

Zhong, B. Mechanical Engineering Software-Supported High Efficiency Grindign Advanced Technology Inc. $47,172 4/07-3/09

Center for

The Grand Strategy of China’s Military Technological Ascendency

Zhu, L. Chemicals & Biomolecular Engineering National Science Foundation $4,000 12/08-11/09

Travel Support Proposal for an ACS PMSE Symposium "Functional Polymer Nanocomposites for Energy Storage and Conversion"
Monday, February 9, to Tuesday, February 17

Items for the weekly Advance Calendar can be submitted through the University's online Events Calendar. Please enter your Calendar item at least three business days before the event. All items must be in the database by 4 p.m. on Monday, February 9, to be included in the issue published the following Monday.

*Note: The next Calendar will include events from March 10 to March 17.*

Monday, February 9

- **4 p.m., Jorgensen Hall, First Floor.** "A Homecoming: Reunited with My Family and the University," by David Chan. New Haven, CT 06511. Donaldson Hall. 4:00 p.m. Admission.

- **7 p.m., Gampel Pavilion.** "Kick Like a Girl. Lead Like a Woman. Follow your Dreams." Featuring Fitness and Performance Expert Kick Like a Girl. Free admission. For more information contact Mary McCue, soprano. 7 p.m., von der Heyden Pavilion.

Tuesday, February 10

- **4 p.m., Jorgensen Gallery.** "Darwin, Men in Motion: The Relationship between a Man of Science and a Paratrooper in World War II, and carrying the discipline of the army over to his life. He was a perfectionist, holding himself, Storrs. For more information contact David Robinson, 860-486-4460.

Wednesday, February 11

- **7:30 a.m.-10 p.m.; Saturday, 10 a.m.-4 p.m.**, Greater Hartford Campus Library. For hours, see Libraries section.

Thursday, February 12

- **2 p.m., Jorgensen Hall, First Floor.** "Strange Attractions: Poems of Love and Wonder," by Sarah Glaz. Storrs. For more information contact Sarah Glaz. 4 p.m., UCCEP.

Friday, February 13

- **7 p.m., Library on the Hill.** "An Accidental Artist, Rhythms in Design," works by Rozanne Hauser, and "Yuyanapaq: An Intangible Legacy," works by Lida Skilton Ives, Gallery on the Hill. Stamford Campus. For more information contact Cara Workman at 860-486-4077.

Monday, February 16

- **4 p.m., Jorgensen Hall, First Floor.** "Winning the War, Losing the Peace: The Strategic and Human Aspects of the Cold War," by Gene Sharp. Storrs. For more information contact Chandler Dark. 4:00 p.m., Jorgensen Hall. Admission.$15 members/$10 non-members.

Monday, February 16 – **Parking Advisory**

Tuesday, February 17

- **2 p.m., Jorgensen Hall, First Floor.** "Winning the War, Losing the Peace: The Strategic and Human Aspects of the Cold War," by Gene Sharp. Storrs. For more information contact Chandler Dark. 4:00 p.m., Jorgensen Hall. Admission.$15 members/$10 non-members.
UConn’s contributions to health, environment, showcased

For the next several weeks, the Advance will continue presenting sections of a report produced by University Communications in conjunction with a study by Stanley McMillen, chief economist at the Connecticut Department of Economic and Community Development. The UConn report outlines the many ways the University contributes to the state’s economy and well-being.

Part of the report discusses how preserving the environment and promoting the health of Connecticut citizens are equally crucial in sustaining the state’s economy. It says outstanding health care services and advanced research are generating a healthier, more productive workforce. It also says that UConn integrates eco-friendly policies into its daily operations, and tackles conservation challenges confronting the region. Examples include:

- UConn has implemented a range of policies integrating “green” thinking into campus building construction, buying local produce, and raising bees for honey production. Faculty members are investigating solar energy, biodiesel production, and fuel cells, while student groups promote environmental awareness.
- The Ergonomics Center at the Health Center provides workplace ergonomics evaluation and training for private firms, as well as for state employees, keeping Connecticut workers healthy and productive.
- Within the College of Agriculture and Natural Resources, scientists study animal diseases that have an impact on public health in Connecticut. At the Center of Excellence for Vaccine Research, vaccines and diagnostic tools developed identify and treat diseases affecting poultry, cattle, and swine, improving the agricultural economy and enhance the retail food industry.
- Discoveries by UConn faculty are valuable in keeping the natural world clean. Board of Trustees Distinguished Professor of Chemistry Steven Suib and his research group in the College of Liberal Arts and Sciences developed a membrane that can absorb up to 20 times its weight in oil and can be recycled many times. This could have a major environmental impact with its potential for cleaning oil spills and filtering water.
- The School of Nursing is dedicated to educating tomorrow’s nursing scholars and clinicians, while supporting patients across the state with public health services. Each week, more than 300 nursing students provide some 5,000 hours of care to patients and residents at area health care agencies, and this has an economic impact of more than $3.5 million annually.
- Striving to improve the wellbeing of at-risk populations, experts at UConn’s Center for Health, Intervention, and Prevention (CHIP) conduct international research in areas including cancer prevention, diabetes management, and substance abuse. The Center’s director, psychology professor Jeffrey Fisher, alone has received more than $22 million in federal grants since 1989 to help reduce the incidence of HIV and AIDS.
- The Neag School of Education develops future leaders in fields such as athletic training, exercise science, and physical therapy. The School is home to the nation’s #1 kinesiology doctoral program, as ranked by the American Academy of Kinesiology and Physical Therapy.
- Connecticut’s Latinos endure health problems at levels disproportionate to the rest of the population. Through the Connecticut Center for Eliminating Health Disparities among Latinos, UConn engages in outreach and research projects to reduce or prevent these disparities.
- Together with UConn’s schools of Dental Medicine, Medicine, and Nursing, the School of Pharmacy takes part in the Urban Service Track Program, preparing health care professionals who provide health care to the underserved in Connecticut’s inner cities.
- The University prepares the students who will serve as leaders in Connecticut’s health care organizations. For 30 years, the Center for Healthcare and Insurance Studies, within the School of Business, has been a resource for students interested in health care management careers, offering degree programs in the field.
- Correctional Managed Health Care, a partnership between the Health Center and the state Department of Correction, provides comprehensive health care to inmates in the state’s correctional facilities. This program includes a variety of clinical services and case management in medicine, surgery, dentistry, and mental health and specialty care.
- The Connecticut Poison Control Center at the Health Center provides free advice about poison exposures. Each year, volunteers give immediate medical advice to more than 30,000 callers and prevent more than 20,000 needless emergency room visits, saving the state’s citizens nearly $4.1 million.
- Physicians in the Pat and Jim Calhoun Cardiology Center at the Health Center incorporate the latest scientific knowledge into their diagnoses and treatment of diseases of the heart and blood vessels, using sophisticated imaging techniques to identify problem areas and the latest medical and surgical strategies to repair them.
- Cardiologist Michael Artini has perfected the technique of accessing the heart for angioplasty through a small artery in the wrist, which reduces risk of bleeding and speeds recovery. Director Bruce Liang has identified a protein that is a marker of heart failure, which could help improve clinical decision making.

Governor’s budget continued from page 1

and faculty. UConn is a critical state asset that can be employed to address our economic crisis in the short term and ensure Connecticut’s economic vitality in the long term.

Hogan and UConn officials also are concerned about two other aspects of Rell’s address: a proposal to require public colleges and universities to obtain the approval of the Office of Policy and Management prior to filling positions, and a move to defer bonding for UConn 2000/21st Century UConn projects for one year.

“For more than 15 years the University has had the authority to fill positions in accordance with our priorities,” Hogan said. “A return to this past practice would remove local decision-making, add to the state bureaucracy, and impair operating efficiency.”

University administrators, at press time, were still analyzing details of the proposal to delay capital projects for a year and trying to determine how it would affect the UConn 2000 program.

The governor’s budget now goes to the full legislature for debate.

“We will highlight to our state’s elected leadership how critical UConn is to Connecticut’s future,” Hogan said, “and the value of continued investment, even in these difficult economic times.”

Hogan added that every effort would be made to maintain the University’s commitment to financial aid.

“As we work through strategies to address these dramatic cuts, to the extent possible, we are committed to continuing to provide financial aid to ensure access to our outstanding programs and to those students with the greatest need for assistance,” Hogan said. “As a general principle, protecting program quality and accessibility are foremost. Yet we recognize that cuts of this magnitude would necessitate sacrifices.

Grad fellowship established in psychology’s memory

BY LEE ANN LOWE

Carolina Herfkens, widow of the late psychology professor J. Conrad Schwarz, has established a new graduate fellowship endowment in psychologist’s memory.

Herfkens’ initial gift of $25,000 was awarded in the fall. Herfkens says that she feels Schwarz’s accomplishments in psychology, whom went on to highly successful careers in psychology. In the 1970s, J. Conrad Schwarz (a clinical psychologist) co-developed a computer software program to help teach reading skills to children with dyslexia. Schwarz was also in charge of the psychology department’s ethics committee for many years, a position that he took seriously, according to Lowe.

“This was before there were Institutional Review Boards to make sure that research by psychology subjects was done ethically,” says Lowe.

The endowment will support graduate training in clinical psychology, with priority given to students with an interest in studying the effects of family dynamics or childhood disorders on personality development in children.

Lowe says the first fellowships were awarded in fall 2009. Herfkens wants the gift to honor the psychology department as well as her late husband. She says she and Schwarz formed many close friendships with members of the department faculty during their three decades living in Storrs.

Photos by Paul Horton

The late Prof. J. Conrad Schwarz

Charles “Skip” Lowe remembers Schwarz’s accomplishments in psychology.

“Usually people focus on one or the other, but he really found a way to balance both in his work,” says Lowe.

Schwarz published more than 100 papers during the course of his career. He also served as a consulting editor for Developmental Psychology, one of the top journals in the field, and maintained a private clinical practice while advising many students, some of whom went on to highly successful careers in psychology. In the 1970s, J. Conrad Schwarz (a clinical psychologist) co-developed a computer software program to help teach reading skills to children with dyslexia. Schwarz was also in charge of the psychology department’s ethics committee for many years, a position that he took seriously, according to Lowe.

“Usually people focus on one or the other, but he really found a way to balance both in his work,” says Lowe.

Schwarz published more than 100 papers during the course of his career. He also served as a consulting editor for Developmental Psychology, one of the top journals in the field, and maintained a private clinical practice while advising many students, some of whom went on to highly successful careers in psychology. In the 1970s, J. Conrad Schwarz (a clinical psychologist) co-developed a computer software program to help teach reading skills to children with dyslexia. Schwarz was also in charge of the psychology department’s ethics committee for many years, a position that he took seriously, according to Lowe.

“Usually people focus on one or the other, but he really found a way to balance both in his work,” says Lowe.

Schwarz published more than 100 papers during the course of his career. He also served as a consulting editor for Developmental Psychology, one of the top journals in the field, and maintained a private clinical practice while advising many students, some of whom went on to highly successful careers in psychology. In the 1970s, J. Conrad Schwarz (a clinical psychologist) co-developed a computer software program to help teach reading skills to children with dyslexia. Schwarz was also in charge of the psychology department’s ethics committee for many years, a position that he took seriously, according to Lowe.

“Usually people focus on one or the other, but he really found a way to balance both in his work,” says Lowe.

Schwarz published more than 100 papers during the course of his career. He also served as a consulting editor for Developmental Psychology, one of the top journals in the field, and maintained a private clinical practice while advising many students, some of whom went on to highly successful careers in psychology. In the 1970s, J. Conrad Schwarz (a clinical psychologist) co-developed a computer software program to help teach reading skills to children with dyslexia. Schwe...