Nearly $2 million in federal stimulus grant funding over two years from the National Cancer Institute will support research at Carolina that offers new hope for brain tumor patients.

Otto Zhou, David Godschalk Distinguished Professor of Physics and Materials Science, and Sha Chang, associate professor of radiation oncology, will apply the carbon nanotube X-ray technology invented at UNC to a promising experimental microbeam radiation therapy.

That therapy now must be housed in massive synchrotrons – facilities larger than Kenan Stadium.

Using carbon nanotechnology, Zhou hopes to be the first to deliver the same dosage of radiation with a desktop-size device. "We want to build a system to cure brain tumors. That's the grand hope," he said.

A carbon nanotube is a single layer of carbon atoms linked up in a hexagon pattern, like a roll of chicken wire. These tubes are tiny — about 10,000 times smaller than the diameter of a human hair — but as hard as diamond and as tough as graphite.

Zhou and his colleagues developed a novel X-ray source technology that utilizes the carbon nanotubes as the "cold" electron source.

They can be placed in an array that allows them to fire all at once, from different angles.

For brain tumor treatment, Zhou and Chang propose to use a doughnut-shaped X-ray source ring that could be placed around the patient’s head to deliver the microbeam radiation at the high dose rate...
### Four honored with Davie Awards

The Board of Trustees honored four recipients with the William Richardson Davie Award, the board’s highest honor, on Nov. 18.

Recipients were Fred Eshelman, founder of PPD Inc., of Wilmington; Richard Krasno, executive director of the William R. Kenan Jr. Charitable Trust, of Chapel Hill; Gov. Beverly Perdue of Raleigh; and Richard “Stick” Williams, senior vice president of environmental health and safety at Duke Energy Corp., of Charlotte.

Established by the trustees in 1984, the Davie Award is named for the Revolutionary War hero who is considered the father of the University. It recognizes extraordinary service to the University or society.

### ESHELMAN

With his vision and generosity, Eshelman has transformed the University’s pharmacy school, now named the Eshelman School of Pharmacy in his honor. The 1972 pharmacy school graduate has been a member of the Board of Visitors for more than a decade and has lectured at Carolina as an adjunct faculty member.

With each of his gifts, totaling more than $33 million, he has strategically improved the school. He created five $1 million distinguished professorships and established six scholarships for doctor of pharmacy students and fellowships that last year were awarded to eight graduate students.

He provided seed money to begin construction of the school’s 70,000 square feet of laboratory space in the new Genetic Medicine Building and established a Fund for Excellence to support innovation at the school.

### KRASNO

Krasno has led the William R. Kenan Jr. Charitable Trust since 1999, and he serves as president of the four related William R. Kenan Jr. Funds. Combined, Kenan family and philanthropic foundations have given more to the University than any other private donor. In the Carolina First Campaign, they gave nearly $70 million, the campaign’s highest total from a single contributor.

Krasno and his wife, Carin, have personally supported Carolina with gifts to the PlayMakers Repertory Benefit Fund and Kenan-Flagler Business School.

Before joining the Kenan Trust, Krasno was...
Faculty discuss best ways to globalize the University

The University’s strides in its goal to become a presence on the world stage have widespread faculty support, but faculty members have diverse views on the best way to reach that objective. A panel discussion on global initiatives at the Dec. 11 Faculty Council meeting brought to light some of those perspectives.

Although there is no magic bullet for transforming Carolina from a nationally renowned university into one that has a top international reputation, the four panelists agreed that building on the University’s long-held strengths of outreach and collaboration was key. And that could begin with addressing problems at home.

“We are the first public health school in the country to have global in front of our name, but the way we define global health is local,” said Peggy Bentley, associate dean for global health in the Gillings School of Global Public Health.

In coping with health problems such as SARS or H1N1, for example, the solutions for North Carolina are not dissimilar to those on the other side of the globe, she said. Addressing such problems calls for an interdisciplinary approach.

“I came from the Johns Hopkins school of public health 11 years ago, and I’ll tell you that the seamless way we work collaboratively here is amazing,” Bentley said.

It is one reason the interdisciplinary Institute for Global Health and Infectious Diseases was launched two years ago.

“We have terrific strengths in global health. Our faculty work in more than 50 countries, particularly in Asia, Latin America and Africa,” said Myron Cohen, J. Herbert Bate Distinguished Professor of Medicine and Microbiology, Immunology and Public Health and chief of the division of infectious diseases.

Research is the driving force, he said, with no less than $100 million of the University’s global portfolio going to global health sciences. “The formation of the institute gave us the ability to spread our wings and work much more aggressively across campus,” Cohen said.

Units not directly involved in health issues, such as the School of Education, however, do not necessarily have a pervasive global presence.

“The spirit and heart of what we do in education are similar to the goals of our health colleagues, but global study emerges from passion and personal initiative, not a work expectation,” said Suzanne Gulledge, clinical professor of middle grades education.

In fact, because of finances, the need to work and necessary licensure courses, fewer education students go abroad than any other group, she said. Yet, they will be charged with teaching their students about the world.

This situation led to a new project between the school and the Burch Fellows Program in which Gulledge will teach courses in Cape Town, South Africa. It will be the first program in the School of Education that accommodates people in the field of teacher education, she said, and others are needed.

“My colleagues believe in international studies, but we need cross-campus collaboration to create opportunities for our students,” Gulledge said.

Niklaus Steiner, director of the Center for Global Initiatives, described the center as a catalyst for faculty members’ global work. As both a grant seeker and a grant maker in the provost’s office, the center works to secure funding to launch global programs.

It also works to raise an awareness of the global realm on campus and to enhance UNC’s reputation abroad, he said.

“We aren’t doing so well there. We’re recognized nationally but not internationally.”

On a more positive note, the center’s role in bringing more resources to campus has helped spur a jump in international grants, up from $60 million five years ago to more than $100 million currently, Steiner said.

Equally important is increasing the international presence on campus and the way Carolina treats foreign students, he said.

“We need to give foreign students a rich cultural experience as well as a rich intellectual experience.”

Other issues faculty members raised include emphasizing foreign languages, incorporating globalization into Carolina Summer Reading Program selections, partnering with the Friday Center to promote Carolina internationally and stemming the shift away from work in European countries.

“Don’t dump the First World when you’re taking care of the Third World,” said Diane Leonard, associate professor of English and comparative literature.

Chancellor Holden Thorp encouraged council members to watch a new television public service announcement focusing on Carolina’s global outreach, which is scheduled to air during the Dec. 26 Meineke Car Care Bowl.

“It’s too cool,” he said.

UNC endowment is down but overall fares better than the higher education median

What happened to Wall Street in 2008 and the early part of this year can be likened to a 100-year flood that leaves anyone in the market under red ink no matter how diversified — or defensive — the portfolio.

Jon King, president and chief executive officer of UNC Management Co. Inc., which manages the UNC-Chapel Hill Foundation Investment Fund, said the negative 26.2 percent return on the S & P 500 for the 2009 fiscal year was the worst since 1932.

In that environment, the median investment return in the Cambridge Associates universe of 163 colleges and university endowments was a negative 20 percent. The UNC Investment Fund’s return was slightly better: a negative 19.6 percent return. That return placed the fund in the middle of the pack, King said.

In real numbers, the market value of the University’s investment fund declined by $440.7 million, from $2.22 billion on June 30, 2008, to $1.78 billion on June 30, 2009.

Balances within the investment fund on June 30 were:

- $167.5 million for the UNC-Chapel Hill Foundation (for foundation unit holders, scholarships and professorships).
- In response to the losses, the investment fund board voted in May to decrease the 2009 distribution rate of 7.4 percent reduction. In total, the fund will distribute $485.5 million to participating units next June, compared to the $517.7 million distributed this year.

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SECC accepts pledges through end of week

At the end of last week, the 2009 State Employees Combined Campaign (SECC) had raised $775,000 toward its $825,000 goal. Campaign organizers hope to nudge that total above $800,000 by the time all pledges have been received.

“I want to thank everyone who has contributed to the SECC this year and make a final appeal to people who have not yet turned in their pledges,” said Bill Roper, 2009 SECC University chair and dean of the School of Medicine.

“The campaign provides an important way to help those less fortunate in our community and across the state, and every donation truly makes a difference.”

Pledge forms (available at www. unc.edu/secc/pledgeform.htm) will be accepted through Dec. 18.

All forms should be sent through campus mail to Katie O’Brien, Department of Medicine, CB# 7005, or they can be delivered to 125 MacNider Hall.
North Carolina Missions of Mercy gives the gift of free dental care

A debilitating gum disease. A nerve-searing toothache. Seven years without front teeth. The inability to chew properly.

These are some of the reasons more than 200 people waited for hours before sunrise outside one of the biggest dental clinics ever held in North Carolina. Some hadn’t visited a dentist in more than 20 years. Others hadn’t visited a dentist — ever.

By the end of the two-day October clinic in Kill Devil Hills on the Outer Banks, dentists, local volunteers, and faculty, students and staff from Carolina’s School of Dentistry treated more than 900 patients and provided about $400,000 worth of dental care.

And they didn’t charge a cent.

The clinic is part of the North Carolina Missions of Mercy (MOM), a portable dental program delivering free dental care to about 5,000 North Carolinians each year. The North Carolina Dental Society, which represents about 75 percent of the 5,000 practicing dentists in North Carolina, sponsored the Outer Banks clinic.

The idea began in Virginia and migrated to North Carolina in 2003 when Steven Slott, a private dentist practicing in Burlington for more than 20 years, came across the Virginia Dental Association’s MOM program. Slott served on the Alamance County Board of Health at the time and managed a free adult clinic known as the Open Door Dental Clinic of Alamance County.

He said the N.C. MOM program was a natural extension of the Burlington clinic. Through grants and individual donations, the program has provided more than 23,000 people with about $7 million in free care since 2003.

“Those people can’t get dental care anywhere else,” said Patrick Galloway, a third-year dental student who served as a dental student volunteer coordinator for the recent Outer Banks clinic. About 65 School of Dentistry students volunteered at the clinic.

Each two-day MOM clinic operates on a first-come, first-served basis. The most common services include cleanings, fillings and extractions, but patients can sometimes also get root canals and other oral surgery procedures or have missing teeth replaced. Dentists from around the state donate their services free of charge to provide treatment in these clinics.

Patients think nothing of camping out long before the clinic begins.

When Slott went home after the first day of a recent Greensboro clinic, people were already lining up for the next morning. “It’s overwhelming,” he said.

The clinics offer dental students a unique hands-on experience.

“The complexity of the patients’ needs is astronomically different, because these people have let their disease get so far gone that you’re doing a whole different level of care,” Galloway said. He added that students see more people than they would on a daily basis at the dental school’s campus clinics.

Galloway became involved with the MOM program as a UNC undergraduate when he was a member of Delta Delta Sigma, the pre-dental honor society that regularly sends its members to MOM clinics. As a sophomore, Galloway joined ENNEAD, the dental school’s student volunteer organization, and helped coordinate clinics across the state.

This past year, he worked on eight or nine clinics. Dental, dental hygiene and dental assisting students, as well as dental residents, regularly volunteer for ENNEAD outreach efforts.

“That’s part of the reason why I went to dental school in the first place,” he said. “I really kind of fell in love with these clinics and just the whole aspect of volunteerism.

In October 2008, the dental school sponsored its own MOM clinic in Hillsborough, in conjunction with Slott’s Open Door Dental Clinic of Alamance County. Students volunteered an estimated 809 hours to help provide around 255 patients with free dental care.

MOM primarily serves adults since federal programs, such as the State Children’s Health Insurance Program, provide public funding for children’s dental care.

The MOM program is one way Carolina helps address statewide access to care. More than 1.5 million North Carolina residents are enrolled in the Medicaid program, but fewer than 1,500 of the state’s dentists are able to provide treatment to them to an appreciable degree, Slott said. Only 24 percent of dentists in the state accept $10,000 or more worth of Medicaid treatment per year, he added.

“We try to get as many politicians as we can to come see what we’re doing in order to raise awareness among these key decision makers,” Slott said. “We’re making progress.”

John N. Williams, dean of the dental school, also volunteered at the Outer Banks MOM clinic and said students’ contributions were key to the overall MOM program’s success.

“I’m just so proud of our students,” he said. “They really rolled up their sleeves, and they worked hard. They learned a lot both in terms of the technical aspects, the biological aspects … but equally, if not more importantly, the sociological learning that they had about communities and people in need.”

The MOM program now provides 10 to 12 clinics each year with an average of 40 to 50 dental chairs per clinic, up from 20 to 25 chairs in the initial clinics, Slott said. Similarly, the number of student volunteers has increased dramatically. As a result, the number of people served has increased from 200 to 400 to a current average of 300 to 700.

Students like Galloway give their time because of the satisfaction they receive in return for helping others. He said projects like the MOM clinics give his work purpose.

“My hopes and dreams are already coming true,” Galloway said. “It just keeps getting bigger and better.”

Editor’s Note: This article was written by Chiara Austin, a senior journalism and mass communication major from Raleigh.

understand Latin poetry and translate selected passages at sight. He also is proficient in conversation in Swahili and in conversation and reading in German.

“My studies in college have been dedicated to recovering the past through interpreting classical authors, to salvaging their insights like an archaeologist unearthing ancient structures of thought so that we might build some pieces of them into our lives,” Spelman said.

Working to help Burundian refugees in Tanzania last summer, he read the ancient Greek poetry of Pindar — in Greek.

“What the Burundians wanted is what Pindar celebrated: a life that expresses the human potential for freedom, dignity and achievement,” Spelman said. “For me, scholarship, art and service are three mutually indispensable ingredients for that fully human life.”

Dykstra said: “Already, Henry has been recognized for his original poetry, his contributions as a classics scholar and his service to Amnesty International and the U.N. Refugee Commission. Perhaps even more impressive is the lively, good-humored and unselfish spirit that Henry brings to all of his many accomplishments.”
New licensing model helps spur spin-offs

A new standard licensing agreement should make starting a company based on technology invented at Carolina easier and faster. The University’s technology transfer office developed the Carolina Express License Agreement to offer one set of terms to cover widely divergent deals with minimal negotiation.

Cathy Innes, director of the Office of Technology Development, said the new agreement was a fundamental departure from business as usual.

“We believe we’ve come up with a set of terms that will work for all UNC start-up licenses that is fair and reasonable to all stakeholders and can be put in place with no negotiation,” she said. “I don’t know of any other universities that have tried this approach.”

The idea for a standard license grew out of a committee formed earlier this year by Tony Waldrop, vice chancellor for research and economic development.

The Carolina Express License offers the same terms to all UNC start-ups and offers the best deal available from the University. Key provisions include:

- A 1 percent royalty on products requiring Food and Drug Administration approval based upon human clinical trials;
- A 2 percent royalty on all other products;
- A cash payout equal to 0.75 percent of the company’s fair market value paid to the University upon a merger, stock sale, asset sale or initial public offering; and
- Provisions to make products available on a humanitarian basis in developing countries.

The agreement does not include provisions granting UNC equity in the company and milestone fees. The committee found that while most universities’ start-up deals have equity provisions in lieu of cash upfront fees, it is difficult for the University to manage equity. By the time a liquidation event occurs, the University position is not significant. Carolina arrived at the payout value and royalty terms through an analysis of previous transactions.

The Carolina Express License and Term Sheet are available at research.unc.edu/otd.

Thornton announces Innovation and Entrepreneurship Circle task force

Building on the 18-month appointment of Judith Cone as special assistant to Chancellor Holden Thorp for innovation and entrepreneurship, the University is forming an Innovation and Entrepreneurship Circle, a high-level task force that will help determine how Carolina can become even more innovative.

Thorp talked about the task force at the Nov. 19 Board of Trustees meeting.

“Much like alumnus Bill Harrison led the efforts to draw a blueprint for enhancing the University’s global presence, Judith will help us carve out a leadership role so people will think of Carolina first in innovation and entrepreneurship,” he said.

The task force will augment the five-year-old Carolina Entrepreneurial Initiative, which Cone helped shape when she was vice president of emerging strategies for the Kaufman Foundation.

Chairing the circle is Lowry Caudill, co-founder of Magellan Health and the namesake of Caudill Hall. The University is recruiting distinguished alumni, parents and key faculty from diverse fields to serve with Caudill.

So far, the group includes trustees Phillip Clay, Alston Gardner and Sallie Shuping-Russell; Dennis Gillings, founder and CEO of Quintiles Transnational; Jason Kilar, CEO of Hulu; and Kimberly Jenkins, the former president of Internet Policy Institute and a Duke trustee who teaches on both campuses.

Thorp said he hoped to finalize the group soon so meetings could start early next year.

HONORS

On Nov. 20, accounting technician Paula Tennyson received the 2010 Margaret Gulley Award for Secretarial Excellence in the Department of Pathology and Laboratory Medicine. The $1,000 award recognizes excellence in secretarial and clerical contributions to the department; it is named for the department’s former administrative manager.

Eugen Merzbacher, Kenan Professor Emeritus of Physics and Astronomy, received the Francis G. Slack Service Award by the Southeastern Section of the American Physics Society in November. He was recognized for his long-term excellence in physics leadership and his work to develop and support physics education and research.

Stan Ahalt, director of the Renaissance Computing Institute (RENCI), has been elected to a second term as chair of the Coalition for Academic Scientific Computation (CASC). Ahalt, who became RENCI director in September, was first elected CASC chair a year ago and took the leadership role in January, while serving as executive director of the Ohio Supercomputer Center.

Bland Simpson, Bowman and Gordon Gray Distinguished Term Professor of English and Creative Writing, recently received the R. Hunt Parker Memorial Award from the North Carolina Literary and Historical Association for his contributions to North Carolina literature.

The American Association for Cancer Research recognized Charles M. Perou with the 2009 Outstanding Investigator Award for Breast Cancer Research, funded by Susan G. Komen for the Cure. The association called Perou’s work “one of the most important findings in breast cancer and health disparities in the last decade.” Perou is an associate professor of genetics, pathology and laboratory medicine, and a member of the Lineberger Comprehensive Cancer Center.

The Modern Language Association of America awarded its 17th annual Aldo and Jeanne Scaglione Prize for Comparative Literary Studies to Sahar Amer for her book “Crossing Borders: Love Between Women in Medieval French and Arabic Literatures.” Amer is a professor of Asian studies and adjunct professor of Romance languages and international studies.

Three faculty members received 2009-10 Fulbright Scholar grants, enabling them to teach and conduct research abroad. Christopher Gaffney, a visiting geography lecturer, researched the urban and social impacts of mega-events in Rio de Janeiro at Rio de Janeiro State University. Eric Muller, associate dean and professor of law, participated in the Nagoya American Studies Seminar in Nagoya, Japan. Beverly Size-More, director of the Department of International Programs in the law school, participated in the U.S.-Germany International Education Administrators Program in Berlin.
A hundred years of TAR HEEL hoops

To celebrate the 100th season of Carolina basketball, the Gazette asked readers to share their favorite memories of being die-hard fans.

IMMUNE TO THE ROAR OF THE CROWD

There are times when the little ones remind us that there may be more important things in life than who wins the Duke–UNC basketball game — like a good sleep.

We finally decided that our daughter was big enough to go to her first Duke–UNC game but little enough to sit in a lap (and not incur the cost of an extra ticket). Good news–bad news.

LIFELONG TAR HEEL FANS ... AND BEYOND

It’s common practice today for me to take personal identification and a credit card to the Dean Dome, just in case my husband actually makes it onto the court to object to a referee’s call and is ejected or arrested and I have to post bail.

One by one, people started to migrate to a room where the Carolina vs. Wake Forest. The game was scheduled during band class. I had a radio and regularly ducked behind the music stand to check the score.

Today, that article and the letter are framed together and hang on the Carolina wall in my house as a daily reminder of the lessons I learned about basketball and life from Dean Smith.

Elizabeth (Libby) Evans, Information Technology Services

A CHANT HEARD ‘ROUND THE WORLD

Having been brought up on UNC basketball since I was 2, I rarely missed watching a tournament game. I had been planning a trip to Italy for quite some time, and my time in Florence happened to occur during the 2004 ACC men’s basketball tournament.

We cheered together for the Heels, educated a group of New Yorkers on the Carolina basketball philosophy year, 1957, and have vivid memories of my dad “coaching” Charlie Scott and Larry Miller in front of a Zenith black-and-white console TV in the 1960s.

Lifelong TAR HEEL FANS ... AND BEYOND

It’s common practice today for me to take personal identification and a credit card to the Dean Dome, just in case my husband actually makes it onto the court to object to a referee’s call and is ejected or arrested and I have to post bail.

But my relationship with Carolina basketball started much earlier. I was born in a championship year, 1957, and have vivid memories of my dad “coaching” Charlie Scott and Larry Miller in front of a Zenith black-and-white console TV in the 1960s.

When my dad, a 1949 UNC alumnus, died in 1985, his funeral was on the day of the Carolina-Dook game at Cameron. After the service, the family (a toxic mix of Tar Heels and Blue Devils) gathered at my aunt’s house in Durham for lunch.

One by one, people started to migrate to a room where the game was on TV. Finally, just my mother and I were left at the kitchen table. She said, “Where is everyone?” When I told her that they were watching the Carolina game, she didn’t miss a beat. “Well, what’s the score?” she asked. I like to think that my dad was there to see it. The final score: Carolina 79–Dook 64.

In addition, my mother’s funeral last year was on the day of the first home basketball game. We had to schedule the service so we could make the game. Believe me, she would have wanted it that way!

Del Hunt Helton, Arts and Sciences Foundation

CAROLINA ATTITUDE

Jan. 4, 1971, was a very emotional night in Carmichael Auditorium.

Second-ranked South Carolina, highly unpopular in the Atlantic Coast Conference for their rough play, was in town. We weren’t supposed to be able to handle the Gamecocks’ big front-court and their all-conference guard, John Roche.

The tone of the game was set right away. Early on, UNC guard George Karl got the ball upcourt, put the ball on his hip and looked at South Carolina as if to say, “C’mon, boys, let’s go.” The Gamecocks, primarily a zone team, weren’t able to keep up with the Heels.

The final score: 79-64, UNC. Big, bad South Carolina had gone down.

This was a night I will never forget.

David Thompson, Office of Faculty Governance

‘OUR TEAM’

It was the ACC tournament in 1973, my junior year in high school: Carolina vs. Wake Forest. The game was scheduled during band class. I had a radio and regularly ducked behind the music stand to check the score.

We lost. I went home from school and wrote a letter to Dean Smith bemoaning the game outcome. Every day for the next couple of months, I went home hoping for a reply. Nothing.

I gave up hope, disappointed, but not surprised. He was, even then, a legend. Then one day, an envelope with a Carolina blue return address arrived! Yes, Dean Smith did write back, apologizing for the delay caused by recruiting trips. The message: Take care of the people who support you. (Evans is shown at right with Smith’s letter, framed for safekeeping.)

Fast forward about 20 years when my father was cleaning out an old car and found a newspaper article about Dean Smith’s appointment as head coach. He smiled when he asked if I wanted it. (He knew he didn’t have to ask!)

Today, that article and the letter are framed together and hang on the Carolina wall in my house as a daily reminder of the lessons I learned about basketball and life from Dean Smith.

Elizabeth (Libby) Evans, Information Technology Services

UNC VS. THE GIANT

I was not quite 4 years old, so maybe I have filled in some things in my “memory” of the Tar Heels’ first NCAA championship in 1957, but it definitely made an impression on me.

I remember my father saying that it was almost a miracle that we had managed to beat Michigan State in triple overtime to get to the championship game.

I probably didn’t know what triple overtime really was, but it sounded extra hard. And, as we gathered around the crackling AM radio (I don’t believe there was FM in those days, and it would be more than a year before we would get our first TV), I learned that Carolina had to battle against a giant, a man named Wilt Chamberlain, who was more than 7 feet tall! Surely we had no chance.
I had to go to bed before the game really got started, but was awakened some hours later by shouts of joy that we had somehow won the game, again in that mysterious “triple overtime.” I was hooked for life on Carolina Basketball and now serve as a volunteer usher in the Smith Center.

David Barrow, School of Dentistry

MISSING CARMICHAEL

I was in the nosebleed section with seconds to go in the game amid cheers, stamping, shouting, crying, laughing — all of us strangers hugging each other, swaying back and forth. Why you ask?

This was the last game played in this building before we moved to the Dean Dome. In a way it was like a funeral: people hanging around longer, breathing in memories of Carmichael, Dean Smith and the team.

What a team! Major “Y” had the band in high form, “Hark the Sound” was beating in my heart, resting in my soul. Sweaty, animated, sad, happy, we hung back as a crowd, rubber necking for one last look and another memory to tenderly tuck away.

I have wonderful memories of all the championships, yet my best memory was when we retired Carmichael for men’s basketball, with WCHL color commentary ringing in my earphones, Woody Durham bringing us through to morning, into the fresh air and a new start.

This Tar Heel fan will never forget. Yes, I love the Dean Dome, and I know we needed to have a facility as first class as our team and coaches.

Patt O’Leary, UNC Health Care

THE BIRTH OF THE PEP BAND

One of my favorite memories is a result of being a member of the Marching Tar Heels. Of course we performed at the Beat Dook parade and at halftime for the football games, but in the winter of 1965 or 1966, several of us realized there was no organized pep band for the basketball games.

With the permission of Major Y (John F. Yesulaitis, the band director) and help of a “senior” band member, Ken Lemons, we formed a pep band and sat in the upper level of the southwest corner of Carmichael Auditorium to perform during the home basketball games. Another individual and I were the percussionists. Since we had no pep band uniforms, we all agreed to purchase beige straw hats and white blazers with light blue vertical stripes to, at least, have the appearance of a Dixieland band. It was always lots of fun and I like to think that was the beginning of the outstanding pep band we have today.

Ken May, School of Dentistry

CHEERING THE HEELS AT 0 DARK THIRTY

My favorite Tar Heel basketball memory came back in 2005 when the Tar Heels defeated Illinois for the National Championship. I was a U.S. Army paratrooper on a deployment in Tikrit, Iraq. I was at our base camp recovering from being out on missions. I was hoping that I was going to be able to see the Tar Heels play for the national championship but was not sure until late the day prior to the game.

I had to wake up between 2:30-3:30 a.m. to get my gear on and walk up to our recreation facility to get a good seat to see the game where it was being shown on a big-screen TV. It was about a mile-and-a-half away from the building where we slept.

When I walked into the TV room, I walked into an empty room. I had to ask to make sure they were showing the game. They were, and I was the only person in the room watching the game and cheering the Tar Heels on to victory. It was a lot of fun yelling, screaming and cheering as if I were actually at the game live.

After the final buzzer sounded, I rushed back up to our barracks to let my buddies know that UNC had pulled off the victory. I was on a high for the remainder of the day and week. I will never forget that morning because the Tar Heels were able to bring some cheer and excitement to me as I was deployed so far away, even in that large room watching the game all by myself.

Harry A. Walker, School of Dentistry

THE EMOTIONAL TOLL OF BEING A FAN

One of my favorite basketball memories was the time my wife was in UNC Hospitals with an angina attack and was hooked up to lots of monitors. Carolina was playing basketball on TV and she was watching the game. But her nurse came in and had to turn the TV off because the alarms were going haywire. After all, she was Carolina’s number one fan!

Hal D. Sanders, Facilities Services

Thanks go to UNC Athletics, the Bull’s Head Bookshop and Student Stores for their generous donation of prizes. Prize winners drawn from this year’s entries are: David Thompson, Del Helton, Libby Evans, David Barrow and Melissa McMurray. Thanks also to Jeffrey Camarati and the athletics department for providing the team photos. Photos of Williams and Evans are by Dan Sears.

ASPIRE TO BECOME DOWNWARDLY MOBILE?

After years of climbing to row W in the Smith Center for every men’s basketball home game, you’d like to move away from eye level with the base of the Jumbotron and get closer to the court. How realistic is that?

It depends on your definition of closer.

Moving down a row or two could be feasible, but moving to the lower level of the arena requires perseverance, said Clint Gwaltney, director of tickets.

For faculty and staff to go from the upper rows of the Smith Center to seats downstairs would require working at Carolina — and ordering tickets — for at least 30 years, Gwaltney said. And that reality is hard for some fans to understand.

Faculty and staff seating assignments are based on a combination of length of University service with the number of years a person has ordered tickets. Each year of service is worth one point, while each year as a ticket holder counts six points, Gwaltney said.

While it might be imperfect, the point system rewards longevity, tenacity — and patience. (As everyone knows, the student system is an entirely different entity.)

“The only way we could make everyone happy would be to have an arena where every person could sit at mid-court in the lower level,” Gwaltney said.
GRISHAM SELECTED AS SPRING COMMENCEMENT SPEAKER

John Grisham, author of 23 books including numerous best-selling legal thrillers, will deliver the May 9, 2010, Commencement address.

Chancellor Holden Thorp chose Grisham in consultation with the University’s Commencement Speaker Selection Committee, which is made up of an equal number of students and faculty. Thorp will preside at the ceremony in Kenan Stadium.

“John is an engaging speaker who will have a profound message for our graduates and their families,” he said. “His prowess with the written and spoken word makes him an excellent choice for a Commencement speaker. He has an inspirational story to share.”

The author has substantial ties to Carolina. He spoke at two North Carolina Literary Festivals held on campus, in 1998 and the most recent festival in September. And his daughter, Shea, graduated from Carolina in 2008 with a degree in elementary education and teaches in Raleigh.

Grisham’s last book, “Ford County,” was published on Nov. 3 and is his first collection of short stories. The Mississippi setting was also where his first novel, “A Time to Kill,” took place.

Before he became a best-selling author, Grisham was a successful lawyer in Mississippi and served in the state’s House of Representatives. Since “A Time to Kill” was published in 1988, Grisham has written every novel a year.

Currently, more than 235 million Grisham books are in print worldwide, and they have been translated into 29 languages. Nine of his novels are in print worldwide, and they have been translated into 29 languages. Nine of his novels

ATKINS TO SPEAK AT CAROLINA INNOVATIONS SEMINAR

The Office of Technology Development’s next Carolina Innovations Seminar will be held Jan. 7 from 5:30 to 6:30 p.m. in 014 Sitterson Hall with the topic “The Story of Oriel Therapeutics” presented by the group’s president and chief operating officer Paul Atkins. Atkins co-founded the UNC spin-out company in 2002.

BOYARIN PRESENTS JEWISH STUDIES SEMINAR SERIES

Jonathan Boyarin, Kaplan Distinguished Professor of Religious Studies, will give a series of seminars exploring one of the leading Jewish theologians of the 20th century and his favorite Hasidic Rebbe. Boyarin is working on the first translation from the Yiddish of the book that Heschel completed at the end of his life on the controversial Rebbe of Kotsk.

In a series of four seminars, Boyarin will introduce the world of the Hasidic Rebbe and explore Heschel’s interest in him. The seminars will be held at Coates Hall on Feb. 2, Feb. 9, Feb. 16 and Feb 23, 5:30—6:30 p.m. They are free and open to the public, but reservations are required: (ccjs@unc.edu or 962-1509).

PLAYMAKERS BEGINS THE NEW YEAR WITH ‘BIG BANG’

PlayMakers Repertory Company will kick off the New Year by presenting the high energy, innovative hip hop theater troupe Universes in its newest stage show, “The Big Bang,” Jan. 13—17.

“The Big Bang” is the second show in PlayMakers’ thought-provoking PRC2 second-stage series, where each presentation combines an exhilarating, topical production coupled with engaging post-show discussions with the creative artists.

Universes will perform “The Big Bang” at 8 p.m. nightly Jan. 13—17 and 2 p.m. on Jan. 17. Tickets are $24 to $32 and may be purchased at www.playmakersrep.org or by calling 962-PLAY (7529).

EXPLORING CULTURAL EXCHANGE ALONG THE SILK ROAD

The Trade Routes known collectively as the Silk Road not only allowed merchants throughout Asia and Europe to exchange goods — such as Chinese silk, Byzantine gold and Indian spices — but they also introduced people in disparate parts of the continent to new beliefs, systems of government, literary genres, musical styles and visual forms. In turn, these exchanges shaped each region’s art, language, religion, economics and politics.

Drawing from the Ackland Art Museum’s celebrated collection of Asian art, the special exhibition “Along the Silk Road: Art and Cultural Exchange” — that opens Dec. 19 and runs through June 5, 2011 — will feature more than 60 objects which were created along these storied corridors of trade. Individually and in groups, these objects — dating from the first through the 16th centuries — reflect the broad scope of cultural exchange that occurred along the Silk Road.

THE OFFERING OF THE FOUR BOWLS TO BUDDHA, second century; gray schist.

EXHIBIT LOOKS AT MANY ‘SOUTHS’

The Center for the Study of the American South is hosting an exhibit through Jan. 27 by landscape painter Nerys Levy. The show, “From Saxapahaw to Antarctica,” shows southern juxtapositions and extremities from the American South to South China to Southern Europe to the “real” south, Antarctica.

The center is located in the Love House and Hutchins Forum, at 410 East Franklin St.

Nominations for Faculty Mentoring Awards sponsored by the Carolina Women’s Leadership Council are due Jan. 19. These awards honor faculty-to-student mentoring and faculty-to-faculty mentoring, with one award given in each category. Each recipient receives $5,000. Nominations are made online (www.unc.edu/cgi-bin/WLCMA_viewapp.pl). Three separate statements are required: a statement of rationale for nomination, a narrative description of the nominee’s mentoring and the nominee’s curriculum vitae. See snipurl.com/tm8fg for complete information.

DEADLINES FOR NOMINATIONS

- The deadline to make nominations for honorary degrees to be awarded at Commencement 2011 is Jan. 20. Categories for nominees are: service to humanity, contributions to knowledge in the world of scholarship, talent and creativity in the arts or devotion to and support of UNC. For complete information, see snipurl.com/tm86d. Nominations may be e-mailed to anne_whisnant@unc.edu.

- Nominations for Faculty Mentoring Awards sponsored by the Carolina Women’s Leadership Council are due Jan. 20. The three top nominees each will receive two tickets to the game, where they will be recognized and highlighted on the athletics department home page, www.TarHeelBlue.com. Those making the winning nominations will receive prizes, too. snipurl.com/tm8sg.

NEWS IN BRIEF SUBMISSIONS

Next issue includes events from Jan. 14 to Jan. 27. Deadline for submissions is 5 p.m., Mon., Jan. 4. E-mail gazette@unc.edu. Fax: 843-5966; clearly mark for the gazette. Campus Box# 6205. The Gazette events page includes only items of general interest geared toward a broad audience. For complete listings of events, including athletics, see the Carolina Events Calendars at www.unc.edu/events.
Symantec provides new feature to battle computer viruses

Information Technology Services (ITS) offers a two-for-one bargain in the war against computer viruses. Faculty and staff who download and install the latest version of Symantec Endpoint Protection (SEP) on their work computer can also obtain a version of the security software for use on their home or personal computer. The Symantec software is free to Carolina faculty, staff and students and is available for download at shareware.unc.edu. The revised security software offers new detection features that may find malware previously unrecognized.

“This upgraded Symantec Endpoint Protection is more effective than the previous version,” said Eva Lorenz, information security applications specialist. “Although it is impossible for any anti-virus software to detect all malware, SEP is an improved weapon in the ongoing IT security battle. The user should find the interface easier to use compared to previous Symantec software versions.”

SEP is compatible with the newer Windows-based operating systems, and computers running Windows 7 must use SEP since Symantec does not support older antivirus software for the operating system. Antivirus software for Macs and Linux is also available for download at shareware.unc.edu.

“No matter how improved the upgraded software may be, everyone still has a personal responsibility to ensure that their computers perform an automatic weekly scan,” said Lorenz. “Then people should be sure to check that any detected malware is quarantined or deleted.”

In addition, she said, users are advised to view with caution all e-mail that includes attachments or links. People who receive a suspicious e-mail should call 962-HELP.
Overton's credo: 'For of those to whom much is given, much is required'

Jackie Overton has a big job that she loves.

She is in charge of all the annual training for the employees in the Office of Public Safety who are not sworn officers, part of the requirement to meet accreditation standards. There are more than 300 people in the department. All but the 60 or so sworn officers come under her wing.

It was Overton’s skill as a trainer that led to her growing involvement with a number of nonprofit organizations throughout Chapel Hill and Durham.

After earning a graduate certificate in nonprofit leadership offered jointly by the School of Social Work and the School of Government, Overton began getting invitations from various boards to conduct training sessions on financial and legal matters.

Some of the boards began calling her back — this time with invitations to serve as a board member.

At the Dec. 2 meeting of the Employee Forum, Overton received one of the six Unsung Heels Awards recognizing staff members who volunteer their time after work to enhance their communities. (This year, winners received nylon backpacks, umbrellas and pens along with $50 gift cards to Wal-Mart).

Other winners were Flicia Bateman, a community volunteer for the Burmese refugee community; Judith Benowitz, who organizes food collections and volunteers with animal rescue groups; Paula Harrington, who helps people with addiction and mental illness; Kathy Jones, who has coached softball with underprivileged children for more than a decade; and April Spruill, who volunteers at the Durham County Library and the Kramden Institute, a non-profit organization that refurbishes old computers for deserving students.

Cheryl Stout, who nominated Overton for the forum’s award, cited Overton’s service as president of the board of directors for the nonprofit Empowerment Inc., which uses a network of community members to provide support for affordable housing and small businesses, as well as Overton’s service on the board of Pregnancy Support Services, a Christian ministry that provides material and spiritual support for women faced with unplanned pregnancies.

Overton was not born into a wealthy family, but she feels blessed in non-monetary ways, and she tries to live by the familiar creed in Luke 12:48: “For of those to whom much is given, much is required.”

“That is what drives me,” Overton said. “I have been given a lot. It is only right for me to give back.”

Office of Human Resources

HELP FOR THE HOLIDAY BLUES

The things that make the holidays fun for some people make them torturous for others. The pressures to be with family, go to parties and have house guests, and the demands of shopping, fatigue, travel and unrealistic expectations all contribute to holiday depression. The feeling that people are “supposed” to be happy often makes it worse.

To avoid feeling blue this holiday season:

- Have realistic expectations for the holiday season and for yourself. Be realistic about what you can and cannot do;
- Pace yourself. Make a list and prioritize the important activities. Give yourself permission not to attend every party, celebration or family gathering;
- Find holiday activities that are free, such as looking at holiday decorations, going window shopping without buying or playing with your children; and
- Let others share the responsibilities of holiday tasks.

Remember that it’s OK not to feel happy all the time. However, if you feel that the blues are really beginning to bring you down, don’t hesitate to call the Employee Assistance Program (EAP). You or your family members can call the EAP anytime: Call 929-2362 during normal business hours or contact the Employee Assistance Program (EAP) at 962-3071.

10 BENEFITS UPDATE NEWS AND INFORMATION

With a new year, it is important to review benefit news and information. For details about benefit elections, dental coverage, MetLife and ING Group Term Life Insurance, health care and dependent Care Flexible Spending Accounts, NCFlex Convenience Cards and 2010 retirement plan limits on contributions to a 403(b)/401(k) and 457(b) plans, refer to gazette.unc.edu/archives/09dec16/working.html. For specific information, contact benefits@unc.edu or 962-3071.
comparable to that achieved at the large synchrotron facilities. Preclinical studies conducted at the synchrotron centers in the United States and France have shown the therapy has the potential to zap the tumor but spare the surrounding normal brain tissue.

The stimulus grant would fund the development of this device, creating new jobs at Carolina and at Zhou’s spin-off company, XinRay Systems in Research Triangle Park, which is a subcontractor on the grant to manufacture the carbon nanotube X-ray source array.

ARRA FUNDING

In addition, 13 Carolina research projects have received new Challenge Grants totaling about $11.8 million over the next two years from the National Institutes of Health (NIH) as part of the American Recovery and Reinvestment Act (ARRA).

National competition was fierce, with the NIH receiving more than 20,000 applications. Under the program, the NIH defined challenge areas focused on specific knowledge gaps, scientific opportunities, new technologies, data generation and research methods where an influx of funds could quickly lead to results. Officials say the research should have a high impact in public health and biomedical or behavioral science.

Carolina projects include evaluating the influence of gene variations and epigenetic expression on risky behaviors such as binge drinking, smoking, illegal drug use and delinquency; helping low-income and overweight women in rural eastern North Carolina by creating support groups for weight loss, financial literacy and moving out of poverty; and studying proteins involved in regulating the genetic material chromatin and exploring how its control of gene expression and gene silencing is relevant in normal and disease biology.

This funding is part of a broader effort among researchers at Carolina and Duke University who have teamed up to attract an estimated $287 million from ARRA to the benefit of the entire state.

Since last March, when ARRA funding began flowing, Carolina faculty have received notifications from the NIH, the National Science Foundation, the Department of Energy and other federal agencies about grants or awards that are expected to exceed $128.8 million over a three-year period. So far, 258 individual projects have been selected for funding.

At Duke, the cumulative total value of 269 different faculty awards has exceeded $159.1 million, with some still pending.

“The success of the Duke and Carolina faculty in securing stimulus research funding shows the enormous power of research universities and just how significant the impact is for the North Carolina economy,” said Tony Waldrop, Carolina’s vice chancellor for research and economic development.

STATEWIDE BENEFIT

Together, Carolina and Duke faculty have helped place North Carolina among the leading states for attracting ARRA funding. The state currently ranks fifth for the number of jobs created or saved by the stimulus program, sixth for NIH stimulus funding and tenth for total stimulus funding.

For more information about ARRA funding at the two universities, including some of the specific Challenge Grant research endeavors, refer to gazette.unc.edu/stimulus-research.html.

SANTA’S HELPER Gianna Wong put everyone in the holiday spirit on Dec. 11 when she showed up for the chilly Jingle Bell Jog bundled up in her red velvet Santa suit. Gianna is the daughter of Connie Wong, a post-doctoral fellow at the FPG Child Development Institute. The annual run/walk is sponsored by Campus Recreation and promotes wellness, but participants also make donations of food and supplies that are distributed to local food banks and animal shelters.
Throughout the years, Howes answers the call

Jonathan Howes, special assistant to the chancellor, poses at Rams Plaza, which he calls part of Carolina’s “connective tissue” between north and south campuses, a key element of the University’s master plan.

M ost people must pound the pavement to get an exciting new job. But for most of his career, Jonathan Howes simply had to answer the call.

As he was finishing his master’s degree in regional planning at Carolina in 1961, he remembers the clarion call of a youthful president: “Ask not what your country can do for you, ask what you can do for your country.”

Upon hearing John F. Kennedy’s words, Howes remembers thinking, “OK, where do I sign up?”

He spent most of the next decade in Washington D.C., assigned to top policy positions in the Housing and Home Finance Agency, now the U.S. Department of Housing and Urban Development.

He went to Harvard in 1965 on a fellowship from the National Institute for Public Affairs (now the National Academy of Public Administration) to earn his master’s degree in public administration from which is now the Harvard Kennedy School.

He returned to work in Washington, D.C., in 1967 and in 1970 was working as director of Urban America Inc., when he got a call from F. Stuart Chapin, one of his UNC professors.

“We’ve just received some money to fund the Center of Urban and Regional Studies and we need a fulltime director,” Chapin said. “Would you like to be considered?”

Howes’ answer: “When is the next plane?”

FINDING HIS PLACE

Howes’ belief in the power and utility of government to improve people’s lives may have found expression in Washington, D.C., but it was rooted in the hills of East Tennessee where he was born and raised.

His father moved there from Massachusetts after graduating from college in 1933 to join the newly created Tennessee Valley Authority. His job, Howes said, was to drive the dirt roads to talk people into selling farmland that had been in their families for generations.

During World War II, Howes’ father was assigned to a Navy ship in the Pacific. And it was a fascination with that Navy experience that led Howes to Chapel Hill in 1955 after winning a Navy ROTC scholarship.

His career path took a detour that led him to Wittenberg College in Ohio to pursue a different calling: the Lutheran ministry.

He loved the beauty of the liturgical service and was drawn to the idea of applying Christian ethics to societal problems. When he enrolled in an introductory course in New Testament Greek, however, he realized that a life in the ministry was not for him.

After graduating from Wittenberg three years later, he had earned double degrees in history and political science — and, more importantly, he had met his wife, Mary.

The first thing they did upon graduating was to get married, he said, and the second was to come back to Chapel Hill so Howes could attend graduate school.

SERVING CITY AND STATE

The phone soon rang again. It was Howard Lee, Chapel Hill’s first African-American mayor, who wanted Howes to serve on a commission to explore the merits of jettisoning the council-manager form of government. Howes took the assignment, which led to an appointment to the town planning board and inevitably triggered a run for the city council.

People began urging Howes to make a run for mayor, and at the end of his third four-year term, in 1989, he finally relented.

During his tenure, he joined with the mayors of Durham and Raleigh to establish the Triangle Transit Authority. More importantly, though, he learned the value of being a good listener and cultivating the patience it required — “and to speak only when it was timely to do so.”

When confronted with contentious issues, he said, it was best to speak after listening to everyone else. “Often what you end up having to do is to try to define some sort of consensus out of all that has been said, and then figure out the next step from there,” Howes said.

When Jim Hunt was elected to his third term as North Carolina governor in 1992 and Howes was completing his second term as Chapel Hill mayor, Hunt made the call that determined Howes’ next move.

For the next five years, Howes commuted to Raleigh to serve as Hunt’s secretary of the Department of Environment, Health and Natural Resources.

He got the job, Howes said, after challenging Hunt to do something about the dismal condition of the state park system. He took the job because he believed Hunt would be willing to use his political muscle for the task. Together, they did.

Howes saw the passage of a $35 million state parks bond referendum and legislation that established a dedicated source of funding for state parks. He also obtained $31 million from the General Assembly to build a new Museum of Natural Sciences and formally establish an Office of Environmental Education to strengthen educational programs for the North Carolina Zoo and aquariums.

ONE LAST CALL

In 1997, when Chancellor Michael Hooker began laying the groundwork to redo the campus master plan, Howes got the call that would return him to Chapel Hill and the campus he has never really wanted to leave.

Hooker needed someone who knew the town and campus equally, he told Howes, and he could think of no one better suited for the task. Howes accepted the job without hesitation.

No one could have known then that the process that began in 1998 would take three years to complete and turn out so well, or that Hooker would die of cancer in the middle of it.

What people should know, said American Studies professor Rachel Willis, is that it was Howes and his gentle, constant presence that kept shepherding the process forward.

“Jonathan wasn’t forcing through anything,” Willis said. “He was trying to incorporate the knowledge that people from so many parts of the University had on a range of issues from stormwater management to the arts. Everybody got to be heard and that was because of Jonathan.”

And during that time, Willis said, Howes still found time to accept her offer to co-teach a course she developed called “The University and the Community.”

“Jon looked at this course proposal, never suspecting that it was about him, and said, ‘I’m in,’” Willis said. “He has taught it for free ever since and he has mentored more students in a way that has led to more professional careers being launched and more contributions being made to this University than anybody I know.”

APPROACHING RETIREMENT

Howes began thinking about retiring more than seven years ago, as he approached his 65th birthday, but there were too many things he was involved with, including Carolina North, that always made him put it off.

Then in January 2008, Howes suffered a major heart attack as he raced up the steps of the Smith Center to watch his beloved Tar Heels. Howes credits the EMS team with saving his life by getting him to the hospital within five minutes. He spent a month there following quadruple bypass surgery and a month recuperating at home before he returned to work.

“It was not the way I wanted it to end,” Howes said. “When I left the University, I wanted it to be on my own terms.”

Willis said her friend had changed his mind about retiring three times since the heart attack before deciding to retire this month — after teaching the course with her a final time.

To get to the core of Howes, Willis said, all you need do is read the Athenian oath that boys of ancient Greece once took when they reached the age of 17. An excerpt of that oath hangs on Howes’ office wall.

It reads: “We will fight for the ideals and sacred things of the city, both alone and with many ... We will transmit this City, not only not less, but greater and more beautiful than it was transmitted to us.”

“That is Jonathan Howes,” Willis said. “He lives by that.”

Last week, the Chapel Hill-Carrboro Chamber of Commerce recognized Howes with its Lifetime Achievement Award (www.carolinachamber.org).

On Jan. 19, the University will honor Howes’ many contributions with a retirement reception in Gerrard Hall from 4 to 6 p.m.