

WAKE FOREST

MAGAZINE

FALL 2012



SPECIAL ISSUE:

Be Inventive!*

*Like physicist Jed Macosko

THE MAGAZINE OF WAKE FOREST UNIVERSITY



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ON THE COVER

Jed Macosko: associate professor of physics, inventor and creative person.

Photo by Ken Bennett

FROM *the* PRESIDENT

I THINK A UNIVERSITY AT ITS BEST is a hotbed of creativity. What we should do at universities is have minds alive, putting together thoughts in new and creative ways. Whether in science, the arts, the social sciences, the law — whatever field — creativity is part of the essence of what it is to be human. This issue of Wake Forest Magazine — “Be Inventive!” — highlights a sample of fresh approaches of faculty, staff, students and alumni to myriad endeavors.

At a place like Wake Forest we have tremendous opportunities to nurture inventiveness given the strong interaction between faculty and students and the strong interaction in small classes of students with students. Studies show that creativity is heightened when you have those kinds of small learning communities. Of course, to be creative you have to have grist for the mill.

People learn a tradition. That is obvious in science. You can't be creative unless you know the state of the art. Then you can build on it. But it is also true in other disciplines such as my own field of history. No one has ever been truly creative unless he or she knows what the state of the field is and then can look at new evidence and say the previous interpretations don't quite make sense; this might be a better one.

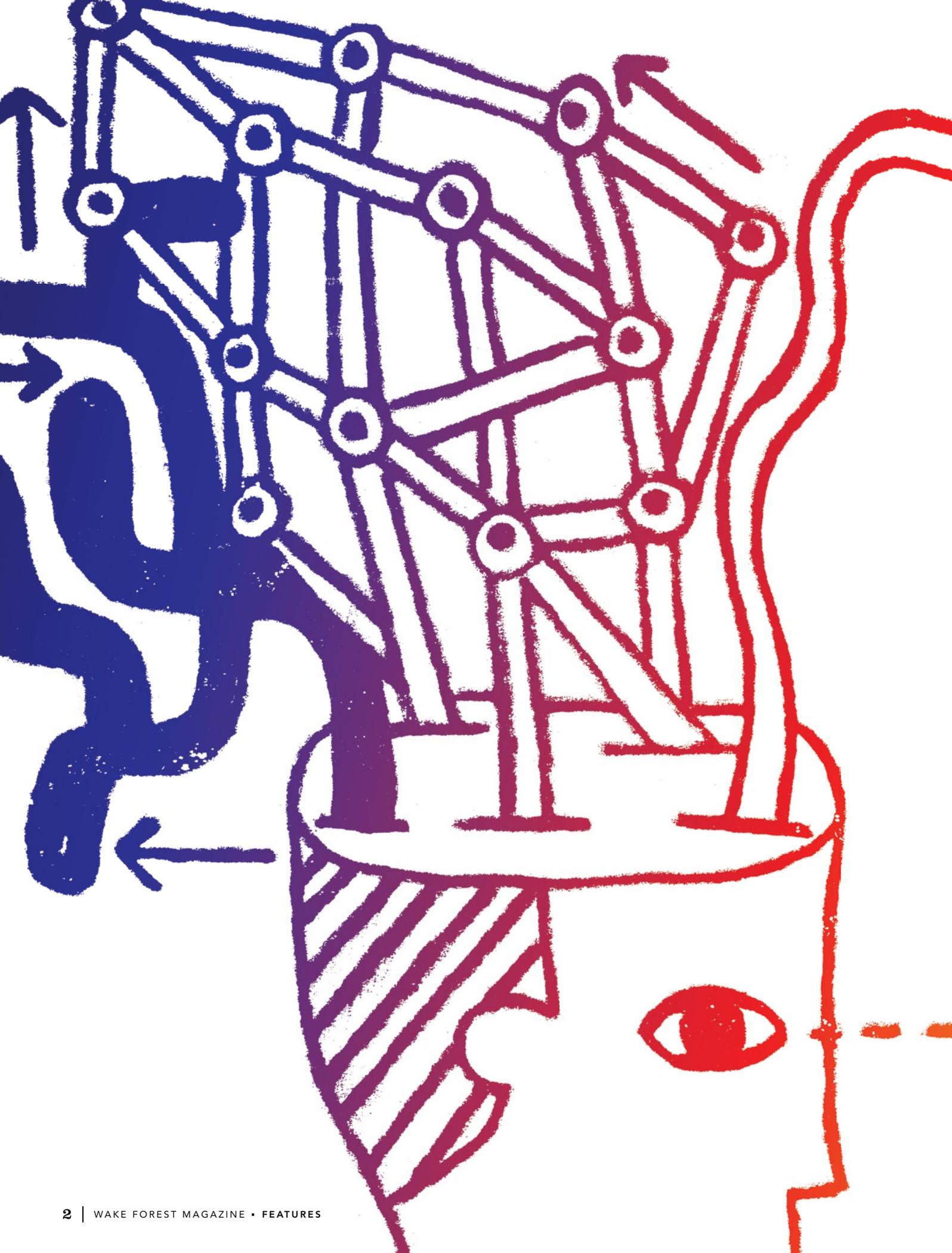


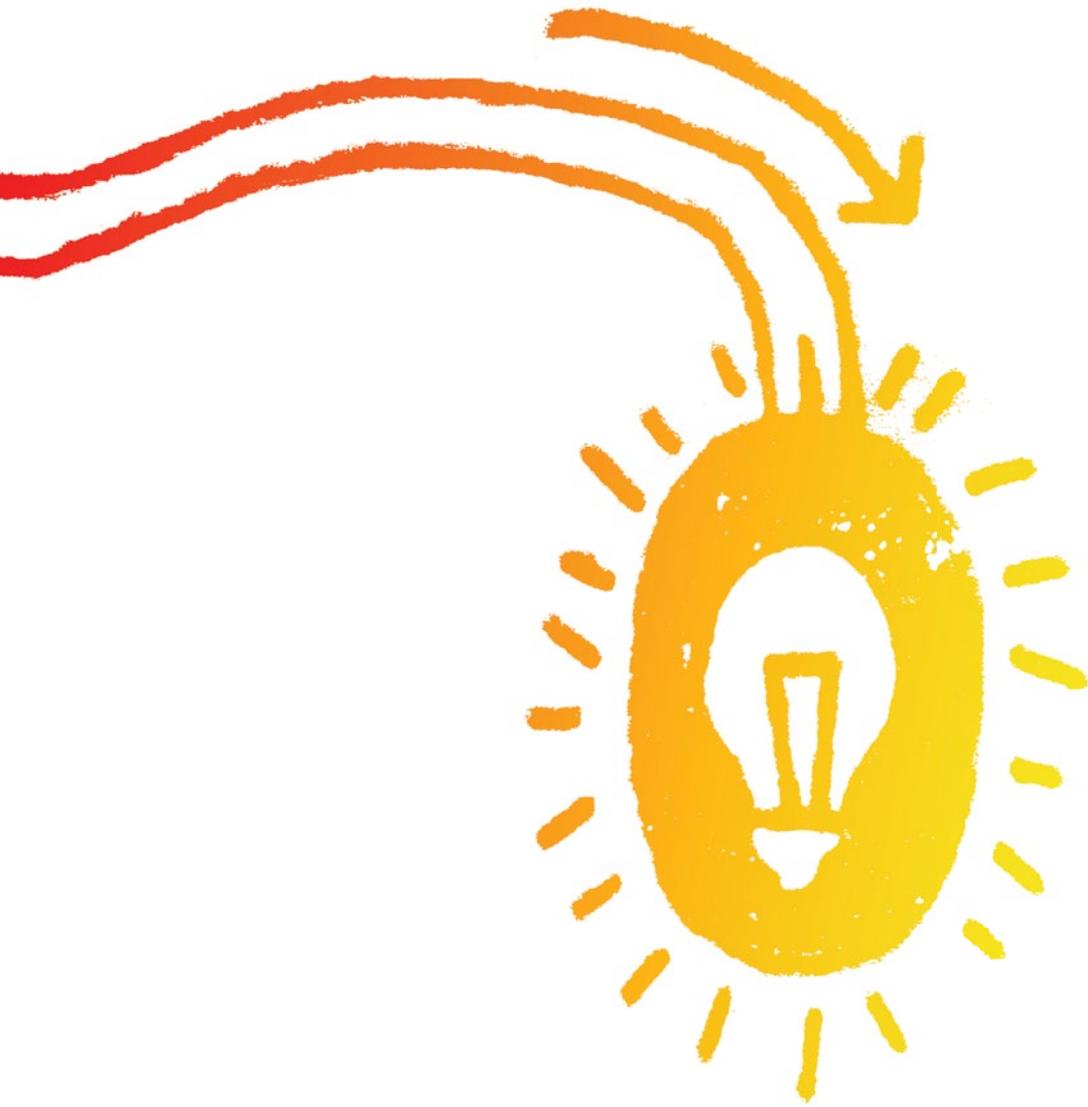
At Wake Forest our campus has been enhanced by a grant from the Ewing Marion Kauffman Foundation of Kansas City, which set up a center not in our business school but in our arts and sciences college. It has spawned a great deal of thinking about creativity and innovation.

Off campus the University has engaged in creative efforts to help build a research park in downtown Winston-Salem. It was a rather audacious idea 15 years ago, but Wake Forest was behind it, saying, “We're not going to let old tobacco buildings just sit there and become a blight on the community. What can we do to use those as an engine of renewal?” Wake Forest Biotech Place opened in February, housing some of Wake Forest Baptist Medical Center's departments and serving as a major anchor for the growing Piedmont Triad Research Park.

Enjoy the stories of inventiveness in this issue, including one from Biotech Place. May they spark your imagination.

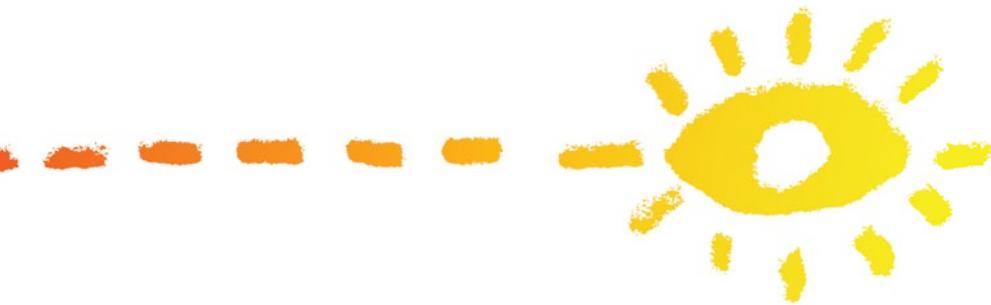
Warm regards,





CREATIVE PEOPLE

WAKE FOREST FACULTY AND STAFF SHARE HOW
THEY FIND INSPIRATION TO 'BE INVENTIVE!'



By Kerry M. King ('85) | Photography by Ken Bennett



ERRIN FULP

ASSOCIATE PROFESSOR OF COMPUTER SCIENCE

Challenge:

Protect computer networks from cyberattacks

Solution:

Mimic nature to deploy “digital ants” to seek out threats and alert human security experts

Co-researchers:

Pacific Northwest National Laboratory and students, including Michael Crouse ('10, MS '12), named one of the nation's top new inventors in 2011 by Inventors Digest magazine

“We looked at multiple types of insect models, bird models, fish models, a lot of different models, about how collective emergence intelligence can occur. One of the things we looked at is how does an ant colony defend itself? Is there anything that we can use for inspiration for defending computer systems? Ants can ramp up quickly to meet a threat and then ramp back down at nonthreatening times. It makes for a very efficient and robust system. As the digital ants move about a computer network, they leave digital trails modeled after the scent trails ants in nature use to guide other ants. Each time a digital ant identifies a threat, it leaves behind a stronger scent. Stronger scent trails attract more ants, producing the swarm that marks a potential computer infection.”



TERESA SANHUEZA

ASSOCIATE PROFESSOR OF ROMANCE LANGUAGES

Challenge:

Make Spanish come alive

Solution:

Expose students to Spanish speakers through service work in Winston-Salem organizations

Recognition:

A 2012 Teaching Innovation Award for curriculum from Wake Forest's Teaching and Learning Center

“To learn a language you have to create a linguistic, authentic environment, places where students can use the language. What better way to do that than to take them out in the community, out of the Wake Forest bubble, and serve the Hispanic community? It's important that they know the city and community that they are living in and become responsible citizens. That's why I partner with Second Harvest Food Bank, the Community Care Clinic, El Buen Pastor, AIDS Care Services, the Hispanic League and local schools. Not only do they (students) practice their Spanish with native speakers, they face all sorts of challenges and different circumstances. It's an eye-opener for them.”



Electricity

$$V = IR$$

$I = \text{curr}$

$V = \text{vol}$

$R = \text{resistance}$

$$P = IV$$

$P = \text{power}$
units: Watts

Lens Equation

$$\frac{1}{o} + \frac{1}{i} = \frac{1}{f}$$

momentum vs.

Impulse

$$\Delta \vec{p} = \vec{F} \Delta t$$

remember:

$$\vec{F} = m\vec{a}$$

$$\vec{a} = \frac{\Delta \vec{v}}{\Delta t}$$

$$\Delta \vec{p} = m\Delta \vec{v}$$

Substitute

$$\vec{x} = \vec{x}_i + \vec{v}_{xi}t + \frac{1}{2}\vec{a}_x t^2$$

$$\vec{y} = \vec{y}_i + \vec{v}_{yi}t + \frac{1}{2}\vec{a}_y t^2$$

$$\vec{a}_x = 0 \quad \vec{a}_y = 9.8 \text{ m/s}^2$$

$$\vec{F}_x = m\vec{a}_x \quad \vec{F}_x \rightarrow \boxed{m} \rightarrow \vec{a}_x \quad \sum \vec{F} = \vec{F}_x + \vec{F}_y = (m_1 + m_2)\vec{a}_x$$

When m large,
 \vec{a}_y will be small

Small A
means large P

larger A
means smaller P

Square meter

JED MACOSKO

ASSOCIATE PROFESSOR OF PHYSICS

Challenge:

Invent new ways to teach physics and biophysics

Solution:

Create hands-on, interactive and digital approaches, including an electronic college textbook, and CellCraft and Biobotz, a video game and animated film, respectively, about cell biology for middle-school students

“You have to connect with students in an interactive way. One of the classic demos that new physics professors use is to break a brick or cinderblock on someone’s chest, using a sledgehammer. One of my colleagues made it even more impressive by putting a bed of nails between the brick and the person’s chest. Imagine a board 2-feet-by-2-feet filled with pointy nails pointed down into your chest. That’s what I had on my chest for my teaching demo before I was hired. I handed the sledgehammer to a student, and he smashed it. I wasn’t injured, because the brick has so much mass and thus so much inertia it doesn’t move very far or very fast. It’s such a visual reminder to students of what inertia is. The student with the sledgehammer will remember that better than any other student.”



CATHERINE ROSS

MANAGING DIRECTOR,
THE TEACHING AND LEARNING CENTER

Challenge:

Make faculty development more appealing

Solution:

Pedometers and Pedagogy, a voluntary, weekly walk-and-talk time for faculty to amble around campus with colleagues to discuss teaching concerns, questions and ideas

Recognition:

Finalist for a 2011 POD Innovation Award, given by the Professional and Organizational Development Network in Higher Education

“Wake Forest teaches the whole student, so we need to also develop the whole faculty member. There’s a lot of new research that shows that walking has multiple benefits: physical fitness, stress reduction, enhancement of cognitive abilities and increases in creative thinking. It challenges the assumption that your intellectual, physical and emotional well-being aren’t connected. Another benefit is building a sense of community. We’ve had faculty who are brand new as well as senior faculty, from different departments, who never would have met otherwise.”



DAN LOCKLAIR

COMPOSER-IN-RESIDENCE AND PROFESSOR OF MUSIC

Challenge:

Compose a wide range of works commissioned by orchestras, chamber ensembles, solo performers and choral groups from around the world

Solution:

Find inspiration in unexpected places: nature, a poem, a picture, scripture, mowing the lawn, listening to his wife, Paula, or watching a curious Shetland sheepdog named Darby

“Upon entering my composition studio each morning my first action is to light one of my many beloved pipes. I find mystery and inspiration in tobacco smoke. Other composers have experienced it, too, especially J.S. Bach, who wrote a beautiful poem (“Edifying Thoughts of a Tobacco Smoker”). Although seeds — those small musical notes, rhythms and rests that just may eventually become a composition — often come from unexpected places, others come from the age-old tool of improvisation. There is something truly freeing in just letting your fingers wander the keyboard, where a valuable musical discovery may emerge. Only by putting it aside until the next morning will you confirm whether it is the greatest idea since the invention of the wheel, the most inane idea ever to land on Earth, or something in-between. Through compositional craft and a little luck, ideas then, somehow, grow up to become living music.”



Idea Book

9 Everyday Innovators

Creativity

Lipton

EMPOWERING WOMEN

OPEN

UNDERWATER

RADIANT DAY

17

LYNN BOOK

SENIOR LECTURER OF THEATRE AND DANCE, AND
ASSOCIATE DIRECTOR OF CREATIVITY, PROGRAM OF
INNOVATION, CREATIVITY AND ENTREPRENEURSHIP

Challenge:

Activate students' creativity

Solution:

Guide students in designing "everyday innovations" to proposing "future worlds" in a class called Foundations for Creativity and Innovation

“Creativity is the number one critical competency for students of the 21st century. All creative process starts with exploration. It's rigorous, like unpacking the details of what life feels like. Students learn how to cultivate imagination, catalyze action and develop innovation skills, which ask: What's the problem? What's going to make it better? Innovation needs design processes, and, like creative processes, they spring from formal concepts and methods that change lives. Students develop an idea book of improvements in their Wake Forest life, then translate their ideas into sister designs for people in radically different and difficult circumstances in other parts of the world. They become empathic global citizens. They learn how to be critical in their creativity and how to develop astute connections and offer lively transformative visions for a future world.”

	81	82	83		85	86
	Tl	Pb	Bi	O	At	Rn
	114					
	Uuq					



REBECCA ALEXANDER

ASSOCIATE PROFESSOR OF CHEMISTRY

Challenge:

Teach complex scientific topics

Solution:

Use movement to bring concepts to life in the class Movement and the Molecular, which unites chemistry and dance

CHRISTINA SORIANO

ASSOCIATE PROFESSOR OF DANCE

“Many scientific ideas involve things moving. If you’re trying to teach those things using a chalkboard or even PowerPoint, how do students grasp things happening in a cell that are not static? You can’t really explain something in writing that happens in three dimensions. It makes much more sense if you act out the process. A lot of my science students are also in the performing arts. How can I encourage that aspect of their lives by valuing what they do and linking that with their science?”

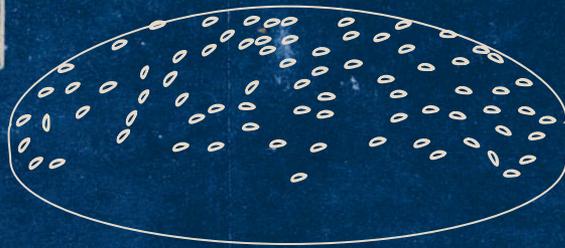
– Alexander (*right*)

“I started out doing research with dance and Parkinson’s disease. That got me talking to scientists more and thinking about courses that bridge our disciplines. Choreography lends itself to be about virtually anything, so why not DNA replication, why not a complex protein synthesis? We’d like to take it a step further and have our students become the educators and go into a middle school and say to the students, ‘What would your DNA dance look like?’”

– Soriano (*left*)

CAREER CHOICES

SPECIAL INGREDIENTS

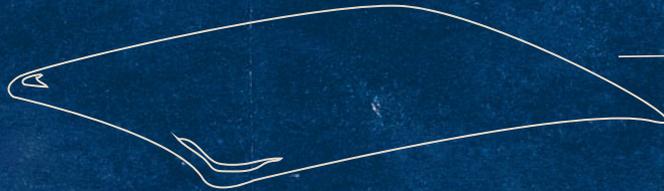


GRASP OF
DETAIL

WALL
STREET
STINT



NEAR-DEATH
ILLNESS AND
SUPPORT
DURING
RECOVERY



ENTREPRENEURIAL
SPIRIT



AN ACCOUNTANT'S
DUE DILIGENCE



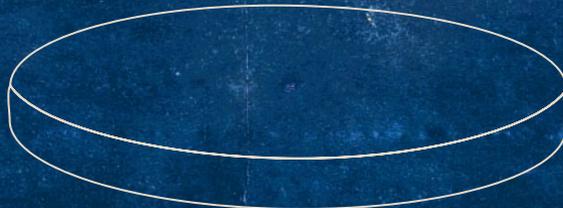
SIGHTS SET ON
SUSTAINABILITY



A MOTHER'S
DISCERNMENT



A WAKE
FOREST
PATH FOR
FOLLOWING
DREAMS



INVENTING AN

ELEVATED BURGER



Entrepreneur April Arden Hess ('96, MSA '97) brings an accountant's precision and her sensibilities as a mother of two to Elevation Burger's global enterprise

BY MARIA HENSON ('82)

PHOTOGRAPHY BY WALTER P. CALAHAN



ONCE UPON A TIME, a multitasking, theatrical 17-year-old named April Arden traveled with her family from their home in Dallas through the Southeast on a college tour. Auburn, Vanderbilt, Emory, Furman, Clemson, UNC, Duke — the Ardens made the kudzu circuit in a pop-up tent camper in search of destiny. At Wake Forest, they found it. Instantly, April felt comfortable on campus, as if she had visited Wake Forest in her dreams. She didn't know it then, but she would have the same feeling upon meeting her future husband. "I just knew," she says, recalling her visit and her tour guide: "A Theta Chi. I'll never forget him. He was good looking and cool ... I applied early decision to Wake. I never applied anywhere else."

"I THINK THAT'S WHAT WAKE FOREST DID FOR ME. WHEN SOMEBODY I LOVE SAID THAT THEY HAD THIS GREAT IDEA, I SAID, 'OK, LET ME HELP YOU FIGURE OUT HOW TO DO THAT.' "

That was the beginning of her love affair with Wake Forest, back before she became April Arden Hess ('96, MSA '97) and before she morphed from a Wall Street banker to a skilled flipper of organic hamburgers. She was a singer then, and, according to her mother, a sporadic cook, and, according to April herself, a connoisseur of salmon croquettes and run-of-the-mill pork chops. As for organics, she says, "I didn't even know what the word meant."

Today, she is the chief financial officer of Elevation Franchise Ventures LLC, a chain of Elevation Burger restaurants that serve burgers made of beef that is USDA-certified-organic, 100 percent grass-fed, free-range and ground on the premises. (They serve vegan burgers, too.) April, who will turn 39 in November, and her husband, Hans Hess, 40, opened their first Elevation Burger restaurant in Falls Church, Va., in September 2005 with a loan of \$408,600 from the U.S. Small Business Administration and proceeds from the sale of one home and equity in the new one.

There are 29 Elevation Burger restaurants in nine states and in the Middle East. The Hesses own four; the rest are franchises. Based in Arlington, Va., the private company projects the total worldwide will surpass 40 restaurants by year's end, with gross sales exceeding \$40 million, and will expand to 80 restaurants by the end of next year. Along with the burger chain, the Hesses launched enviroCAB in 2007, which ushered into Arlington County, Va., its first new cab company in 24 years and served as a pioneer nationally for its all-hybrid fleet. Along with the burger franchise firm and enviroCAB, the Hesses' holding company owns interest in six other businesses.

April and Hans married in 2002 and set up house in the Washington, D.C., area, where April continued a banking career as Hans hatched the idea to "elevate" the fast-food dining experience with organic ingredients and, eventually, his patented idea to cook fresh cut fries in olive oil. His inspiration came from reading research during an earlier job on Capitol Hill about risks associated with antibiotics in meat. "My mission has been to change the factory farm system," he says. April quickly came to share Hans' preference for organic food and donned her finance hat to help him determine how to make the dream a reality. "I'm the nuts and bolts," April says, "the money flow."

"I wouldn't claim that I had the idea to start a burger restaurant. I didn't," April tells me after we step out of her Toyota Prius to tour their latest Elevation Burger, this one



ABOUT HER CREDIBILITY WITH EMPLOYEES AND FRANCHISEES, HESS SAYS, "THEY KNOW I KNOW HOW TO RUN THAT GRILL AND MAKE THOSE FRIES AND RUN THAT REGISTER AND CLEAN IT ALL BECAUSE I DID IT" FOR TWO YEARS AS MANAGER.

at Tyson's Corner, Va. "But when (Hans) did, I said, 'OK,' and helped him figure out how to build. I think that's what Wake Forest did for me. When somebody I love said that they had this great idea, I didn't say, 'You're crazy, no way, I'm not going to do that!' I said, 'Ok, let me help you figure out how to do that.'"

ASK APRIL FOR CAREER ADVICE, and she will say, "Don't be a one-trick pony." No one would have accused her of that at Wake Forest. There was her practical, conservative side that compelled her to earn bachelor's and master's degrees in accounting. There was her theatrical side that clinched a Presidential Scholarship in voice. The theatrical side — she sang in front of her first audience at age 4 — served her well when William S. (Billy) Hamilton (P '93, '97), a professor of Russian known for his wry asides and banjo playing, stunned her in the scholarship interview with this query: "If you could be a tree, which tree would you be?" (Hamilton says, referring to numerous interviews, "The wacky question was one way of staying alert.")

"Thank goodness I had been a thespian," April says, "because I had the habit of being able to be in front of people and think quickly, and I said, 'Well, I'd be an oak, because it's strong and it stands the test of time.' ... I thought I'd blown it. I wasn't nearly creative enough."

But she hadn't blown it. She would become a scholarship student able to move with ease from finance classrooms to the Scales Fine Arts Center stage, most notably appearing in Gian Carlo Menotti's one-woman opera, "The Telephone." James Dodding, the theatre professor emeritus who directed it, replied from England recently, "'The Telephone' will forever remain with me as a joyous and fulfilling experience due to April's performance ..." When professors from the Wake Forest worlds of music and accounting recall April, they mention her ability to cross disciplines with an equal dose of seriousness and high spirits. "I remember she was very much a disciple of 'The 7 Habits of Highly Effective People,'" says Teresa Radomski, a professor of voice, referring to the late Stephen Covey's business bestseller. "She was already figuring out how to organize everything, so she could do everything she wanted to do." Music professor Susan Borwick asks, "Did she bubble? Because she used to just bubble." Borwick remembers her great range and depth of character.

It was Borwick, a fellow Texan, who in the spring of 1994 made a red-alert phone call to April's parents. She told them their daughter, then a sophomore, was in a Winston-Salem ICU with bacterial meningitis. "There was no question I was going to be at the hospital," says Borwick. To this day, April's mother, Kathy Arden, chokes up at the memory. "We almost lost her," she says. "It still gets me." Eighteen years

after the illness, she remains grateful: “The University was incredible, with professors giving her time to recover, working with her so she didn’t lose a semester or anything.” April says she and her family will never forget “how Wake Forest wrapped their arms around me and helped me through that time.” She suffered some short-term memory loss. Accounting Professor Emeritus Tom Taylor retaught her the material in his free time. “It’s always easy for me to empathize with students. I just love Wake students,” he says, noting that April was “a splendid student” who was “of top-notch character” and determined to catch up.

Besides with her recovery, April says faculty supported her in every way, especially her divergent interests. “The fact that Wake let me keep both of these very different tracks going is what has made me successful,” she says. Her business background pushes her to produce a plan that analyzes costs and asks the due diligence questions. Her artistic side knows that something can go wrong at any moment —



the baby cries at the back of the auditorium or somebody forgets a line — “so you have to figure out how to go on and improvise and create anyway.”

AFTER GRADUATE SCHOOL, her career began in New York at JP Morgan Inc., where she worked in internal consulting services and later in the bank’s wealth management group in Dallas. It was in Dallas, through singing in the church choir, that April met Hans’ sister, who soon cooked up a meeting for Hans and April. Hans was a California native with an equally diverse background. He graduated from California Polytechnic State University in physics and was studying for his master’s in theology in Dallas. Hans and April shared a deep Christian faith and a love of family, the outdoors and music. It wasn’t long into the marriage that April was eating healthy foods and came to share Hans’ vision to offer diners a healthy option beyond eating organics at home. Like Hans, she believed their business concept, with its focus on sustainability and energy efficiency, would be better for the environment. Which brings up another piece of career advice from April: “Don’t become an entrepreneur for money,” she says, “because it will never be enough for the sacrifices you make. You’ve got to do what you do because you want to make something better.”

As with any startup, the opening of the first restaurant in 2005 brought grueling hours and tough lessons about management and operations. April would finish at her wealth management job at SunTrust and show up at the Falls Church restaurant at 5:30 p.m. to work until midnight. “I know how to run that grill and make those fries and ring that register and clean it all, because I did it,” she says. It gives her credibility with employees and franchisees. (It also meant for a while, Wake Forest graduates in the area eyed her with sad curiosity as she rang up their orders. A few visits later they realized she owned the place.) After SunTrust laid her off in November 2007 April took over from Hans as general manager of the Falls Church restaurant for two years so Hans could attend to the expanding businesses.

“She’s the one who keeps the trains running on time. Her number one skill is grasp of detail,” says Hans, who also counts as critical April’s ability to drill deep in asking the right questions that enable business ideas to take flight. He also calls her “a natural entrepreneur.” Though April works now as an executive overseeing the holding company, she

occasionally will return to an Elevation Burger to work a shift, which can include flipping burgers.

As the mother of Elizabeth, 6 1/2, and “Hanso,” 5, April takes pride in providing a mother’s imprimatur on the business at the highest level. There are no TVs at Elevation Burger restaurants, no music piped in, no toys or playgrounds. “Our target guest is a discerning mom,” she says. “You know (children) are going to eat it all, and there’s not going to be a fight.”

The Hesses have hit on a timely formula with their chain of “fast-casual” restaurants. Technomic, a Chicago-based food-service research and consulting firm, says with U.S. sales of \$69 billion, the limited-service burger segment is the largest menu segment by revenue in the restaurant industry. “It is driven on one hand by McDonald’s, which comprises half of the segment’s business, and on the other hand by a growing number of ‘better burger’ concepts,” the firm says. It adds: Fast-casual restaurants serve as a driver of growth and “have much going for them.” April estimates that, including franchises, their restaurant business employs more than 600 people across the globe. She’s particularly proud of its environmental features, from the restaurants’ low VOC-emitting paints to energy efficient equipment to the conversion of oil to biodiesel. “Elevate the product; elevate the experience; elevate the employees,” she says.

She and Hans already are considering new ventures. The supply side — a farm or ranching operation using poly-culture methods — is igniting their imagination these days. Whatever the task, they expect to employ their usual yin-yang approach, meeting in the middle from their different perspectives. “He’s the forest. I’m the trees,” says April, forever the oak. They both agree on this: “We know that creativity and innovation doesn’t have to do with your major. It’s an approach to how you think about everything: ‘How can it be better? How can it make a difference?’ You’re bringing that to whatever it is that God’s given you to do.”

For April Hess, count on that being one long, divinely inspired to-do list sure to impress the Stephen Coveys of the world, a list that one day will set aside a bit more time for song.



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“DON’T BECOME AN
ENTREPRENEUR FOR MONEY...
YOU’VE GOT TO DO WHAT YOU
DO BECAUSE YOU WANT TO
MAKE SOMETHING BETTER.”



HEROINE

in the

HEARTLAND

BY CHERIN C. POOVEY (P '08)

**JANE OWENS CAGE ('78)
STEPS UP TO LEAD THE REINVENTION
AND RENEWAL OF JOPLIN**

It was late on a Sunday afternoon when Jane Owens Cage ('78) heard tornado sirens. They sounded fairly often in her neighborhood so she didn't pay much attention – until they blared a second round. That's when she gathered up her cellphone, driver's license and two dogs and headed to the basement.

From her subterranean shelter she heard the wind pick up, but the storm seemed to pass quickly. She emerged to find no apparent damage other than a large tree branch down in her yard. She went to sleep not knowing that the next day she wouldn't recognize her hometown of Joplin, Mo., or that she was about to take on the most meaningful volunteer role of her life.



Charlie Riedel / AP



Charlie Riedel / AP



Jane Cage



Jane Cage



Jane Cage



SHORTLY AFTER 5:40 P.M. on May 22, 2011, a catastrophic tornado (EF5 on the Enhanced Fujita scale) with estimated winds exceeding 200 miles per hour, brought horror to the heart of the country. Touching down near the Kansas-Missouri state line, it tracked across Joplin, Mo., ferociously grinding a gaping swath of destruction. In minutes one-third of the city — subdivisions, businesses, schools, a hospital, many older homes and much of the city’s retail district — was obliterated, reduced to splintered wood and twisted metal by a storm so powerful it claimed more than 150 lives, damaged or destroyed some 7,500 residences and caused upwards of \$2.8 billion in damage. The Joplin that Jane Cage had known for 34 years was no more.

When Cage, chief operating officer of Heartland Technology Solutions and a respected community leader, ventured downtown the next day she was relieved to see her business computer networking company still standing. But nothing could prepare her for the devastation just 12 blocks away, a scene so dramatic — and traumatic — that even when she saw it with her own eyes she was at a loss for words. “If you saw it on TV,” she says, “it was 1,000 times worse in person.”

On that May day Cage knew she must do something to help get the hometown she loved back on its feet, but she never expected to emerge as a leader in rebuilding the city. Yet, as the Joplin Globe editorialized a year after the storm, “Head down, sleeves rolled up and pen to paper, Cage made Joplin’s recovery her mission.”

Among the tornado’s victims it didn’t take long for the “Show Me State” spirit to kick in. They resolved not to let their community be defined by a tragic event, but instead, by how they responded to it. Attention turned to debris removal, care for the injured and displaced, and a plan for recovery.

Over 100,000 volunteers converged on Joplin along with a Federal Emergency Management Agency (FEMA) team. FEMA recommended the city create a Citizens Advisory Recovery Team (CART) to give residents a voice in the recovery process. During a meeting of government and business leaders, Cage surveyed those around the table and said to herself, “They don’t have time to do that work. I do.” She accepted Mayor Mike Woolston’s appointment as CART’s leader and principal citizens-to-government liaison.

“I’ve been really blessed with understanding partners that have allowed me to focus a portion of my time away from the business right now,” says Cage, who manages her company’s financial operations and administrative staff. “I try to

work as much of my CART responsibilities as I can before and after work, and I've become famous for the 11 p.m. emails I send out related to tornado work. My multitasking skills get put to the test every day."

More than 350 people showed up at the first CART meeting on July 17, 2011, in Cage's words, "to re-imagine Joplin as we want it to be." She led CART in its listening process with a guiding question in mind: "What did they want Joplin to be like as a result of everything that happened to us?" On enough sticky notes to cover a wall they wrote hundreds of ideas for Joplin's renewal: *More bikeways and walking trails. Main street development. Mentor the children. Maintain our friendly town attitude.*

Some two years ago the Rev. Dave Burgess, then newly named pastor of First Presbyterian Church, had his first meal in Joplin at Cage's dinner table. Since then, Cage has been active in his family's life, sharing meals and opening her home to his children, who like to play with her dogs and see the fish in the back yard. "If my wife is out of town my girls sit with Jane during morning worship," he says. "She is a 'cool surrogate aunt' with my three kids." He adds that she keeps him grounded. "If I tell an exceptionally corny joke — from the pulpit or otherwise — she doesn't hold back from rolling her eyes."

Hers is an evangelism of action, not words, says Burgess; if she is going to be a member of a committee, church or com-

"WHAT DID THEY WANT JOPLIN TO BE LIKE AS A RESULT OF EVERYTHING THAT HAPPENED TO US?"

Mike Gullett / AP



CART's next steps were to organize sector groups, determine priorities and develop a vision statement. Then came a recovery plan and a task force, with Cage as chair, to develop project steps and assignments.

EVANGELISM OF ACTION

Those who knew and worked with Jane Cage were not surprised when she stepped up to lead CART. As a Joplin businesswoman she had always served her community — including membership on the boards of the Humane Society, the chamber of commerce, First Presbyterian Church and St. John's Regional Medical Center — the hospital, destroyed by the tornado, where her late husband had received care. She has a gift for connecting with people, they said, and an inherent ability to build consensus.

munity, she is going to be an active member, not seeking accolades but seeking to serve. She organizes church Christmas parties for families of inmates and has wielded shovels as the church helped with disaster cleanup in Greensburg, Kan., and Cedar Rapids, Iowa. "The thing I appreciate about Jane's faith is that it shows, but it's not showy," he says. "She's one of the reasons we came here; we want to serve with people like this."

Nancy Walkenhorst, who succeeded Cage as president of the Joplin Humane Society, says her friend of 25 years approaches challenges with a lot of faith and never lets doubt creep in. "Her style is to move forward and stay focused, but she's not a steamroller," says Walkenhorst, whose husband, Bob, served on the board of St. John's Medical Center with Cage. "She has a way of making people feel like they're an integral part of the team, therefore she can work with all types of people."

GIVING BACK, MOVING FORWARD

A personal desire to “give back” was one reason Cage took on CART’s leadership, and it also drew her to Wake Forest and its commitment to Pro Humanitate. Originally from Charlotte, she was an economics/Spanish major and head of the Women’s Residence Council. She worked in President James Ralph Scales’ office, making copies and “sometimes being permitted to work on a typewriter.”

On the day after she married her economics professor, Bill Cage, in 1978, they moved to Joplin, a place where she knew not a soul. After starting their business they became more invested in the community. Before her husband passed away in 1995, he suggested she sell the company or close it down, “but we had employees who depended on us for a living and customers that needed us,” says Cage, “and I decided to make a go of it. I learned that I needed to build a family structure for myself here and have developed a wonderful set of friends through church and my business partner’s family.”

Last year Cage suffered a serious illness — from which she has recovered — but she worried how she would deal with it living on her own. “I discovered that I didn’t have to worry because my Joplin family took care of me,” she said. “Looking around Joplin the day after the tornado, there wasn’t any question that I wanted and needed to help; I just had to figure out how. I never had any idea that my role would evolve into what it has today, but I am so grateful that I have had a chance to help.”

As CART leader Cage became fluent in “FEMA-speak,” spending countless hours in meetings, writing plans and proposals, and traveling around the country to observe other areas affected by disaster and to tell Joplin’s story. Her commitment inspired not only Joplin residents but also representatives from outside agencies. Steve Castaner, branch chief of FEMA’s Long-Term Community Recovery Team in Kansas City, Mo., says he could see that with her leadership there was going to be recovery. “I think Jane was the perfect person for the role that needed to be played for CART. She brought a history of objective community leadership. She brought vision and consensus-building, and she was a uniter for the advancement of the recovery,” he says.

SIGNS OF PROGRESS

By August 2011 Joplin had reason to celebrate. With the help of 100,000 volunteers the city met its Aug. 7 deadline for debris removal. School started on schedule, Aug. 17, with classes held in a shopping mall. In October 60 architects, landscape designers and planners met for two days with city leaders to draw sketches of what Joplin looked like and what it could become.

Cage and the CART team continued developing a recovery plan, simultaneously approved by four major boards at a historic meeting in January 2012. Earlier this year the city hired Wallace Bajjali as its master planner in the renewal process.

On the first anniversary of the storm last May, Joplin was moving forward. Though hundreds of people still lived in FEMA temporary housing, building permits had been issued for almost two-thirds of the 7,500 homes that were damaged, according to City Manager Mark Rohr, and 420 of the 530 affected businesses had reopened as of early April. Joplin used donations to distribute 4,000 free weather radios and plans to replace the 20,000 trees that were lost. President Barack Obama, who visited Joplin a week after the disaster, returned a year later to deliver the commencement address at Joplin High School. Cage also spoke to the graduates, telling them, “Out of the rubble, you have given us hope.”

CITIZEN CAGE

A year after she took the most challenging of public service roles, the Joplin Area Chamber of Commerce named Cage Outstanding Citizen of the Year. Mayor Woolston says her participation has been key in gathering input from the public, collating that input and putting it in a format such that the city could begin to take the appropriate action needed. “She continues to be a leader by working to address the community’s needs in a positive, straightforward manner.”

Cage knows it will take years to rebuild what it took just minutes to destroy, and she remains committed to the long haul. “Before May 22, 2011, I had always believed that ‘it couldn’t happen to us.’ Now that it has happened, I’ve had a chance to witness the resiliency of our city. What has made our remarkable progress possible has been the relationships, trust and cooperation among the stakeholders that was in place before the tornado. We all knew each other, worked together and trusted each other,” she says.

She cites the CART mission statement, which says Joplin will set the standard for disaster recovery in America and pay it forward when disaster strikes elsewhere. “I like the chance to give back, and I get a lot more than I give,” she says. “It feels good to make a difference.”

As the April 28 editorial made clear, the city is grateful to Jane Cage: “The work’s not over for Cage or Joplin — not even close. That’s why it’s important to stop and say thanks, then ask Cage to stay the course. The pay, the hours and the benefits won’t get any better, but Joplin will.”

★ INTERESTED IN LEARNING MORE ABOUT JOPLIN’S RENEWAL?

Contact Jane Cage at jcage@heartlandtechnologies.com or view a PBS video at www.youtube.com/watch?v=UW5BYPJM9Ns&feature=youtu.be



Photo by Andre Chung



Photo by Cheryl Ackerman, Bittestuff.com

THE PLACEMAKERS

WAKE FOREST ALUMNI WHO ARE REDEFINING COMMUNITIES

By *Susannah Rosenblatt* ('03)

Winding down narrow North Carolina country roads, A. Elizabeth Watson ('74) does not see cows and gas stations, cellphone towers and silos. She observes history – living, preserved and forgotten. More than that, Watson sees possibility.

A. Elizabeth Watson ('74) works with communities to preserve, celebrate and reinvigorate their historic, cultural and environmental heritage. Her projects span the country, from Niagara Falls and historic Butte, Mont., (left) to the scenic highway along the Outer Banks of North Carolina.

Part historian, part environmental expert, part planner and part preservationist, Watson is the woman behind some of America's most cherished landscapes. A principal consultant at Heritage Strategies, she lives in Chestertown, Md., on the Eastern Shore; she travels to sites, cities and entire regions across America to unite the land with the people living on it, unearthing historical narrative in the process. More than a job, this "placemaking," as Watson describes it, is a way to make sense of and thrive in the world and the spots we call home.

"Communities that use placemaking techniques and understand their history are better able to present themselves in what's basically a new economic world order," Watson says, "where only the unique are going to survive."

Watson's projects crisscross the United States: she has worked to link a chain of communities comprising Abraham Lincoln's central Illinois stomping grounds; helped establish a scenic byway tracing the shoreline through the Outer Banks; and cultivated the 18th century rural feel of tiny Oley Township outside Reading, Pa. Like a shadow National Park System, such preservation efforts can encompass whole geographic areas, as with the Niagara Falls National Heritage Area in New York. The unique zone, pivotal to early American conflicts and later American industry, includes the Falls themselves, as well as three historic landmarks.

Such “living national landscapes” help visitors from around the world access these places and learn their stories, Watson says.

Amidst a burgeoning sustainability movement and a housing crisis that gutted exurban cul-de-sacs nationwide, Americans are becoming more aware of, and attuned to, their environments. Watson’s work taps into this slow-living sensibility, which places charm, quirk and character above smokestacks, sprawl and strip malls. Her work, she explains, goes beyond individual buildings.

“Communities do have a choice. They can shape their fate. They do not have to roll over, look at their past, and say, ‘Woe is us; times are tough.’”

Watson helped Oley stop sprawl in its tracks after a blast from a limestone quarry cracked and permanently drained one of the most vital natural springs in the region. After that agricultural and environmental catastrophe, residents “realized that they were facing things outside their control,”

Watson says. Then working for the National Trust for Historic Preservation, Watson helped community farmers keep their land untouched, in part through state incentives. As a result, much of Oley is protected land, making it the largest historic landscape in the National Historic Register. An official designation Watson says, gave Oley citizens “a confidence that they were the stewards of something that was really, really important.”

Now, red-roofed stone buildings from nearly three centuries ago punctuate green meadows. In surrounding townships that lack such protections, subdivisions stuffed with single-family homes blanket rich Oley Valley farmland. The landscape truly changes, Watson says, when you cross over the Oley Township line.

Watson undertakes her collaborations with communities with an eye toward economics, revealing historical narrative and working with people to create truly wonderful places to live. A thoughtful approach to community preservation can inject a renewed sense of pride into a place; perhaps more



“Communities do have a choice. They can shape their fate. They do not have to roll over, look at their past, and say, ‘Woe is us; times are tough.’” – Elizabeth Watson (’74)

critically, new industries such as heritage tourism can also attract much-needed dollars.

“What underlies what we’re trying to do to save the countryside and plan our communities ... is the economic landscape,” Watson says.

A City Reborn



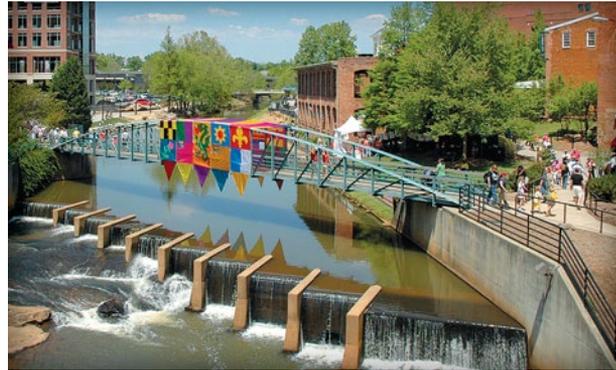
In Greenville, S.C., Mayor Knox White (’76) knows the contours of that hidden economic landscape better than most. The city’s longest-serving mayor has overseen the transformation of Greenville’s downtown from a blighted, boarded-up

industrial zone to a vibrant gathering spot. The four-lane Camperdown Bridge overpass sealed off a natural waterfall in the center of town for four decades. “For 40 years,” White says, “the community forgot the falls (were) even there.”

Now, the lovely Reedy River Falls — spanned by a graceful German-engineered suspension bridge — are the crown jewel in the city’s 26-acre central park. Opened in 2004, the \$13 million Falls Park boasts 18 miles of walking trails. In 1982, before walkability was trendy, Main Street was narrowed from four lanes to two. The city planted trees along the main drag, which have matured into a canopy of green. The 1925 Poinsett Hotel, shuttered for nearly two decades, is renovated and back in business. And with the park as a major draw, a new crop of about 75 restaurants, plus shops and upscale residential space, has sprouted up around it. All told, Falls Park has helped bring a \$150 million jolt of private investment into the local economy.

On a Sunday afternoon in downtown Greenville, you’ll find sidewalks and trails jammed with diners, theatergoers, joggers and kids, White says. “We’ve really turned into a strolling city.”

Greenville’s singular mix of green space, retail and high-rise living has attracted business to the city and won it national accolades for livability. The city’s transformation extends to the new baseball stadium downtown, Fluor



Field, a mini-Fenway Park for the Greenville Drive, a Boston Red Sox affiliate. Part of White’s secret to success is long-term vision: the downtown revitalization is part of a 30-year commitment to the area.

“It’s kind of gone from good to great just within the last 10 years,” says White, who works as an immigration lawyer.

This focus on quality of life has helped the city of more than 58,000 to weather the recession, even as other communities struggle to recover. A \$100 million mixed-use office development is under way; building of new downtown apartments can’t keep pace with demand. From the window of White’s 10th-floor office in City Hall, no less than three construction cranes are visible, a reminder that Greenville isn’t done growing.

Local Roots Run Deep



Nearly 150 miles northwest, Bob Jarnagin (’76) can enjoy the fruits of his devotion to Dandridge, Tenn., from the window of his office downtown. The panorama includes the old Revolutionary Graveyard and the Shepard’s

Inn, a 19th century tavern where Presidents Andrew Jackson, Andrew Johnson and James Polk each spent the night. Today, it’s being refurbished as a bed and breakfast.

Jarnagin has powerful ties to Dandridge, seven generations back. His ancestors were among the first settlers in Jefferson

Mayor Knox White (’76) (left), has the goal of making Greenville, S.C., (above), “the most beautiful and livable city in America.”



County and operated the first gristmill. Stories from Jarnagin's father of Dandridge days gone by sparked his interest in local history.

"I love Dandridge, this community," Jarnagin says. "I feel like it's in my genes."

Outside Knoxville at the foot of the Great Smoky Mountains, one of the oldest towns in Tennessee was designated a National Historic District in 1973. Jarnagin, mentored by former Jefferson County Historian George Bauman, has thrown himself into bringing Dandridge's colorful past alive in the present.

He chairs the Dandridge Historic Planning Commission and heads the design committee of the Dandridge Community Trust. Several years ago, he was named Jefferson County Historian. After combing through centuries-old property deeds during a stint on the city Board of Mayor and Alderman, he created and leads walking tours through Dandridge's quaint downtown Historic District. That passion has paid off: In 2011, the town was chosen as one of the National Trust for Historic Preservation's Dozen Distinctive Destinations.

Jarnagin lights up telling tales of how Dandridge, on the banks of the French Broad River, was almost swallowed in 1943. An earthen dike holds back Douglas Lake, created by the Tennessee Valley Authority to generate hydroelectric power for nearby Alcoa to produce aluminum for World War II aircraft, as well as Oak Ridge, where scientists were secretly working on the atomic bomb.

Even further back in time, Dandridge was a major stop for settlers heading west down the Shenandoah Valley along an ancient Native American trail, later becoming a stagecoach stop.

"The story of Dandridge is as much about preservation as it is about revitalization," Jarnagin says. "The buildings had been neglected, but they were still there. The original windows, the original doors, the original hardware and architecture were just waiting for someone to restore it." The bones of Dandridge's taverns, mansion and drug store were intact, vacant and forgotten. White paint covered the original brick façade of the 1845 Greek Revival courthouse, and the original wood shake roof had long

since disappeared. In the mid-1990s Jarnagin led a group of investors in buying the foreclosed 1820s Vance Building at auction, and a revitalization movement was born.

Today, the three-story Vance building is the "cornerstone of Dandridge business," Jarnagin says, housing a café, office, apartments and antiques shop.

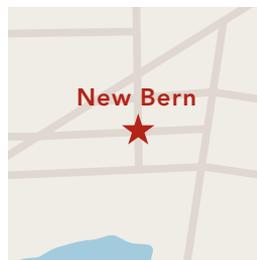
"The story of Dandridge is as much about preservation as it is about revitalization."

– Bob Jarnagin ('76)

With historic buildings up and running, Jarnagin and local leaders are focused on beautifying Dandridge and making it more visitor-friendly. That means resurfacing sidewalks, installing matching trash and recycling bins, upgrading benches, adding planters and parking and constructing an information kiosk for tourists. Jarnagin, who runs his own insurance firm and raised his two teenagers in the house where he grew up, is eager to usher in Dandridge's next generation.

"I've never found anywhere I like any better than right here."

The Prettiest Courthouse in the Country



These preservation efforts, large and small, illustrate Watson's notion of placemaking: a unique process able to encompass regions, cities and a downtown core, as with Bob Jarnagin's beloved Dandridge. For Federal Judge Louise

Wood Flanagan ('84), placemaking focused on a single, significant building. Flanagan was appointed by former President George W. Bush in 2003 as a U.S. District Judge for the Eastern District of North Carolina in New Bern, N.C. There, she led the complex, seven-year renovation of the federal courthouse. Her tireless efforts, in many cases smack dab in the middle of her workspace, restored the community's showpiece 1935 Georgian Revival courthouse to its former glory.

Businessman and local historian Bob Jarnagin ('76) (left), helped promote the revitalization of Dandridge, Tenn. (above left), named by The National Trust for Historic Preservation in its 2011 Dozen Distinctive Destinations.



Photos courtesy Louise Flanagan

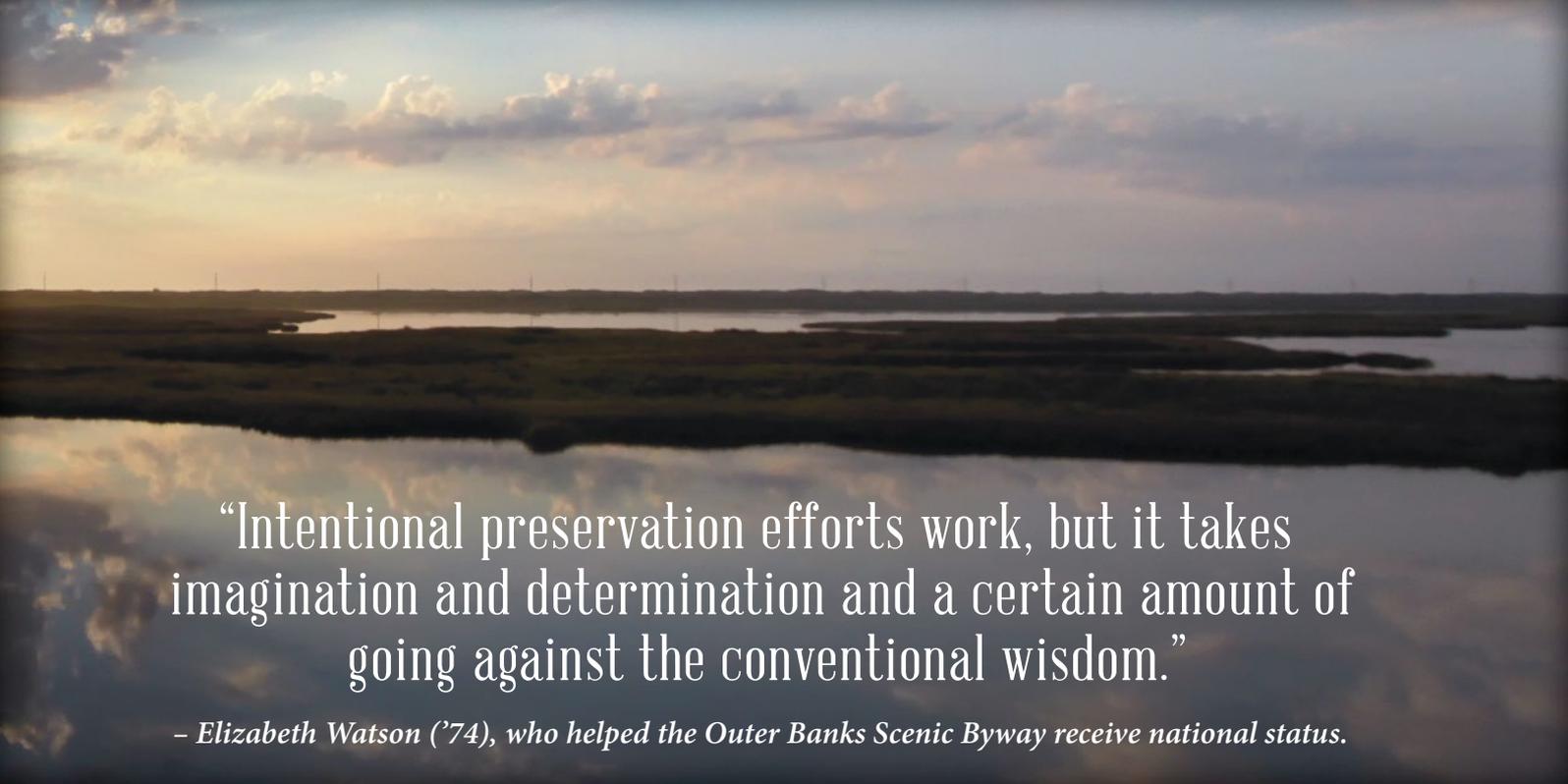


Federal Judge Louise Flanagan ('84) (above), is credited with leading efforts to restore New Bern's 1934 federal courthouse (above), which features refurbished murals of historical scenes of New Bern.

When Flanagan arrived in New Bern in 2003, the courthouse, a former post office and customs house listed on the National Register of Historic Places, had seen better days. The aging building didn't meet the modern standards demanded by the Eastern District of North Carolina, with one of the largest caseloads in the nation. Plaster was fixed; the jury room was moved to make it more accessible; heating and air systems were upgraded; wiring was repaired; emergency exits and secure elevators were added; asbestos was removed; and a new holding cell and sally port for prisoners were built, among a multitude of other improvements. Some of the most dramatic changes occurred in the courtroom itself, where murals were restored, original mahogany fixtures and brass grillwork were rehabilitated and massive bronze chandeliers repaired.

To get the \$14 million project in motion, Flanagan navigated a thicket of federal officials and agencies, transferred the title of the courthouse to the General Services Administration (GSA) and received congressional approvals and appropriations. Hurdles were both bureaucratic and physical. Flanagan explains: "An immediate goal for the 20 or so individuals who worked daily at the facility was simply to survive the onslaught of construction while getting their many jobs done. Working on site was challenging, like living through any substantial home renovation."

At times, Flanagan and her staff had to lug files and computer equipment to area courthouses for hearings and trials; employees waded through water to reach their offices while contractors refinished marble floors, or



“Intentional preservation efforts work, but it takes imagination and determination and a certain amount of going against the conventional wisdom.”

– Elizabeth Watson ('74), who helped the Outer Banks Scenic Byway receive national status.

dodged tools, debris and scaffolding. During demolition, sheetrock dust covered everything. A crane removed pews from the courtroom through a second-story window and lifted workers (and “at least one daring court employee,” Flanagan says) to the courthouse cupola to replace missing urns. And when the project was just days away from completion, Hurricane Irene wrought damage to the basement and third floor.

The impact on the community of the new courthouse, which opened to coincide with New Bern’s 300th anniversary celebration, was immediate. One older woman recounted to Flanagan how she scaled a ladder to watch for Nazi planes from the building’s cupola. The former postmaster who served in the building during the Eisenhower Administration shared how much the building meant to him, and he explained how the prominent clock on site that was removed by the Postal Service should be returned to its former place. (It was.)

“Frankly, GSA was stunned that a courthouse could be so well loved!” Flanagan said. “In so many ways, efforts to make the United States Courthouse at New Bern ready for the future have renewed its ties with the past.”

Writing the American Story

Preservationist Elizabeth Watson understands such ties better than most, and highlights the importance of narrative and story, to history and the “struggle to understand the meaning of what happened in a community.” She has authored books on saving special places, and she empowers communities to write their own histories.

“People would like to experience more of the American landscape, more of the American story.”

Intentional preservation efforts work, Watson says, “but it takes imagination and determination and a certain amount of going against the conventional wisdom.” Watson credits her Wake Forest history professors such as emeriti James Barefield and J. Edwin Hendricks with helping set her on the path of placemaking.

“Sterling Boyd’s architectural history course — that’s where the earth shook in terms of why I’m doing what I’m doing now,” Watson says. “I can picture slides that he showed us. I was hooked.”

The former art department chairman taught her “the ability to see all that and to understand how easily you can see history in the landscape.”

Mayor Knox White tells a similar tale from his days as a history major, fondly recalling Barefield and time spent at Casa Artom in Venice, and naming history professor emeritus Howell Smith (P ’84, ’91) as a mentor.

At Wake Forest, Watson, White, Jarnagin and Flanagan learned to love — and live — history; now, these creative leaders are dotting the American countryside with communities that have their futures anchored firmly in their pasts.

Former newspaper journalist Susannah Rosenblatt ('03) is senior communications officer for Nothing But Nets at the United Nations Foundation in Washington, D.C. She lives in Arlington, Va.

HIGH IMPACT

Joel Stitzel and his team
research auto crash injuries to
make vehicles safer

BY MARK SCHROPE ('93)

PHOTOGRAPHY BY CHRISTINE RUCKER





Joel Stitzel, director of the Center for Injury Biomechanics, landed major grants from Toyota and the National Highway Traffic Safety Administration and in spring moved his team into Wake Forest Biotech Place, transformed from tobacco buildings.

ON A WEDNESDAY AFTERNOON IN SPRING, Joel Stitzel drives from downtown Winston-Salem to the Wake Forest School of Medicine campus in his late-model Toyota. He means to upgrade to something newer, with side-impact airbags, because he understands the value of this relatively recent safety feature better than most.

He's meeting with a group of doctors, engineers and computer programmers. Before long, on the screen in front of them is a list of unpleasant potential car wreck outcomes ranging from laceration of eyelid to brainstem contusion to torn aorta. It's a standardized list that includes over 1,000 possibilities.

Since he arrived at Wake from Virginia Tech in 2005, Stitzel has focused on projects aimed at reducing the severity of such injuries or avoiding them altogether. One of his team's latest projects is an effort to build the foundation of an automatic system that could help ensure the most dangerously wounded accident victims make it to proper trauma centers in time to save their lives. In the process, the group is helping propel the cross-campus collaboration of the Virginia Tech-Wake Forest University School of Biomedical Engineering and Sciences to an unprecedented level of national prominence, with a U.S. News and World Report ranking in 2012 that has climbed 14 places in just the last 3 years to 39th in the nation. And Stitzel's team recently drew national attention to the joint program as the focus of a Toyota commercial about football helmet research that grew out of the group's vehicle safety work.

When Stitzel arrived at Wake Forest to become director of the Center for Injury Biomechanics, he was ready for big things, but some thought he was setting his sights too high. One of Stitzel's first goals was to gain entry to the elite Crash Injury Research and Engineering Network (CIREN). This National Highway Traffic Safety Administration program funds just six centers nationally to perform detailed studies of car accidents and then feed the information into a database. That information is critical for a range of scientists and engineers around the country and the world who use it to understand wrecks and improve vehicle safety.

Program applications open only once every five years, and as Stitzel arrived it was time. He was nervous, because normally grants go only to schools with well-established accident analysis experience. His team had loads of relevant expertise, but not that kind of experience. “Many people at that stage were telling me, ‘You’ll never get it, there’s no way you guys will be competitive for this,’” says Stitzel. “I never really listened to any of that.”

That kind of outspoken determination is not what most people would expect from Stitzel, a soft-spoken program leader first attracted to engineering through a lifelong obsession with video games in which he now rarely has time to indulge. It was good he ignored the critics on his CIREN application plan. The NHTSA didn’t choose Stitzel’s group, but the team caught the eye of carmaker Toyota, which had decided that year to fund an additional CIREN center. Toyota chose the Wake-Virginia Tech program, leading to a cascade of projects that would have a huge impact on the group’s funding, successes and national reputation.

Stitzel goes to great lengths to share attention for the program’s accomplishments with his colleagues. “He’s really good about letting us take credit for the work we’ve done,” says Kathryn Loftis, one of Stitzel’s graduate students. Stitzel says, “I really have to put myself in the back seat a lot, and I’ve found I really enjoy doing that. The most important thing I do is identify people who are good at what they do, retain them, and put them in leadership positions.”

The Toyota CIREN funding of \$440,000 per year ended prematurely in 2008 as the economy declined, but by then the program had proven itself sufficiently to inspire the NHTSA to provide bridge funding so that the work could continue. And in 2010, when grant applications opened again, Stitzel

and his team went on to win full federal CIREN funding of \$2.2 million over five years.

For CIREN, they analyze about 40 wrecks in the region each year, focusing on ones with straightforward injuries stemming from “clean” crashes — those that don’t involve rollovers or multiple impacts — because these produce the most widely applicable data.

The process begins by approaching crash victims or their families to ask for permission for a study. “We explain that hopefully their information will be used to make vehicles safer in the future,” says Loftis, who does injury causation analyses, “and most of the time people are open to helping others out and having some good come from a bad situation.”

The CIREN database is accessible to researchers around the country, but names and other sensitive information remain strictly confidential. Not even police or insurance investigators can get to those details — though they sometimes try.

Once the team has approvals, its members gather available data, such as from medical records and police reports, and trained investigators gather additional information by studying wrecked vehicles and accident sites. Once a month, the full team, including trauma specialists at the medical school, who were a key asset in gaining the CIREN funding, get together to talk through the details of each profiled accident.

Though the researchers have to take a somewhat detached approach to their work, Loftis likes to learn the stories behind each wreck — the cellphone distractions or strange circumstances — even though that information doesn’t go into the database. The pediatric cases are hardest, she says. “They kind of tug at people a little more.”

Measurements and photographs of crashed vehicles are used by Stitzel’s team to assess damage and determine injury causation. Photos courtesy CIREN





MORE FUNDING FROM TOYOTA

Stitzel's team members' work so impressed Toyota that when the company began a new grant program at the beginning of 2011, it asked them to compete and ultimately backed two projects that build on the CIREN work. The projects began late last year. The largest is building the foundation for an effective Automatic Crash Notification (ACN) system. The goal, which a number of groups and companies are pursuing, is to develop a system that will automatically glean enough vehicle information during an accident to notify authorities about the likelihood of severe injuries.

Currently, responders have to come to a crash site and assess injuries before taking such steps as calling a helicopter. This takes valuable time that can mean the difference between life and death. But, if authorities were notified electronically that, for instance, major head injuries were likely, they could dispatch a helicopter immediately to take a victim to a major trauma center for specialized care not available at a regular hospital.

Newer cars already record information during a crash to determine where people are sitting and when to deploy airbags. This information could also be used to make calculations about likely injuries, and additional sensors could be added to expand possibilities.

Stitzel and his colleagues are working to determine which kinds of injuries on the long list of possibilities are most likely to require transport to the higher level trauma centers, in part by surveying trauma surgeons. In conjunction with that work, the team is developing computer algorithms that can process the likelihood of whether someone in a car has experienced major trauma based on the data available from car sensors.

Some cars already have systems such as OnStar that automatically send out basic information such as airbag deployment so that operators can notify proper authorities. An ACN system would work similarly. The group demonstrated a prototype system in Japan last December. Toyota engineers smashed a remotely operated car with dummies on-board into a wall. Using a frantically produced preliminary algorithm, the system transmitted a recommendation for transport of one injured "passenger" by helicopter and one by ambulance.

"It was really stressful, but Toyota was very happy with the results," says Stitzel.

The Toyota funding program encourages researchers to make all their results public, so any manufacturer will be able to use the information and algorithms generated to create its own systems. Right now such systems would have to be offered voluntarily as vehicle options, but the NHTSA may eventually mandate them.

VIRTUAL HUMANS

A second Toyota-funded project plays out at the more basic research level and it's intended to help reduce the number of accident injuries that reach that major trauma level. To do that, they'll be running extensive computer models of a handful of car wrecks using Toyota's Total Human Model for Safety, a computerized representation of the body that includes everything from virtual bones to organs.



Today government safety standards are tied to crash test dummies. And while these may be easier to come by than live volunteers for crash tests, their limitations are substantial. There are only so many sensors you can cram into them, and the cars for the crashes aren't free.

Right: The CIREN team uses a sled test in its research.
Photo courtesy CIREN

Opposite: A model of a crash victim's thoracic spine fracture.
The model's genesis was the victim's CT scan.



Biotech Place: high-tech and history

For most, the outskirts of downtown Winston-Salem have always been a labyrinth of quiet tobacco warehouses and other lifeless facilities. But a drive down Patterson Avenue on the northeast side of town now includes something very much alive.

There's a brick front with a sign that says Wake Forest Biotech Place, a \$100 million transformation of what were once R.J. Reynolds Tobacco Company facilities. From the front it looks like a new building, but just around the corner there's a full wall of historic glass blocks from the building's initial construction in 1937 that are just one sign of the careful steps taken to preserve the buildings' history.

Joel Stitzel's group was one of the first to move into the 242,000 square-foot facility, which was renovated commercially and has Wake Forest as its main tenant. Everything is situated around a cavernous glass-roofed atrium that comes as a shock to visitors as they first step inside the building.

Companies like Allegacy Federal Credit Union are there, too, but within a year about 350 scientists from the Wake Forest School of Medicine will dominate most of the extensive laboratory and office space.

Using well-developed computer models of both cars and passengers would be not only cheaper and vastly simpler, they also offer the potential to identify the causes of injuries and, by extension, to prevent or minimize them. Virtual humans should approximate the complexity of the real accident scenario much more closely than a dummy ever could, and you can run modeled humans and vehicles through as many tests as you like.

"The day is probably coming when full human body models will be used to assess injury risk," says Stitzel. But before the government can shift testing regulations in that direction, models need to be improved and better proven.

Over the course of the five-year project, researchers will be intensively studying four specific accidents, each of a different type, beginning with a simple side impact. They'll virtually place THUMS inside computer models of vehicles involved then run them all through a computerized representation of the actual crash. Project leader Kerry Danelson searched the CIREN database to settle on the right candidate, in this case a clean wreck involving vehicles for which adequate computer models are already available as starting points.

The goal will be to tweak both the vehicle and human models to create the closest approximation of the wreck possible. If a lung were punctured in real life, for instance, the computer model would need to show the same result in a way that illuminates exactly which parts of the vehicle did damage and why.

Such work is both computer and labor intensive. The team uses a supercomputer on the Wake Forest main campus to run simulations. Though wrecks are over in a flash, perhaps 200 milliseconds, the computer crunching of each simulation can occupy a supercomputer for 10 hours.

Once researchers have a reasonable match, they'll have better validated the value of the THUMS model, and that will set the stage for advancing vehicle safety. "In the long run, all this ties together," says Danelson, "so that we can better understand how injuries happen or prevent them in the first place."





A line of football helmets cut in half shows pads and sensors on each different model or manufacturer style.

HELP FOR HELMETS

Though work tied to automotive safety dominates much of the team's efforts, expertise is not limited to that. At its heart, the program is about predicting injury risks in useful ways, and that can apply in a number of other fields.

Already, the team has worked with NASA to aid in the design of the new Orion space capsule, and with the military to evaluate the comparative benefits of implants for neck injuries.

Now the group has begun studying injuries tied to youth football, in hopes of aiding design of better helmets and improved coaching guidelines that might prevent the situations most likely to lead to head injuries. "There's a lot of that data at the collegiate level, but this is really some of the first information that's going to be about those kids," says Stitzel.

In collaboration with Virginia Tech, the group is outfitting youth teams from various age groups with sensor-equipped helmets. The work is not unlike what researchers do with car accidents, and it even involves the THUMS model. In this case they'll be looking at the forces involved in head impacts, and they'll correlate those forces with brain deformations and injuries detected by complementary medical exams. Once they can better predict concussions and other problems, they'll be able to recommend the improvements.

The project has already led to more national exposure. In 2011 Toyota ran a series of ads touting positive ways that the automotive research they support has been applied. In one, an actor talks about the Wake Forest helmet work.

While helmet improvements that flow from the project could benefit most of the people who use them, with vehicles, thankfully, most of us won't ever put the bulk of the advancements made in crash protection to the test. Most of our airbags and other safety equipment go to the salvage yard unused. But for those who prefer peace of mind, and those who will ultimately find themselves in major accidents, the work is critical. "The things we do have the potential to save a lot of people," says Stitzel.

They're as focused on lowering the severity of injuries as they are on preventing them. "You don't always get a lot of points for that," says Stitzel, but that doesn't make it any less important. The person who comes out of a wreck with a concussion isn't likely to be thinking how thankful they are they didn't get a subdural hematoma, for instance. But that's OK. The statistics showing steady declines in fatalities and major injuries in recent years prove work like Stitzel's is paying off.

Mark Schrope ('93) graduated with a BS in biology. Based in Florida, he writes for such publications as Nature, Popular Science, New Scientist, The New York Times and Sport Diver.

KEEPING OLD TRADITIONS, CREATING NEW ONES

ROLLING THE QUAD. SPRINGFEST. THE LOVEFEAST.

STUDENTS HAPPILY MAINTAIN THOSE LONG-LIVED, CHERISHED TRADITIONS. BUT THEY ALSO ARE INVENTING NEW ONES — ABOUT THREE DOZEN IN THE PAST DECADE. BELOW (IN NO PARTICULAR ORDER) IS STUDENT LIFE'S BAKER'S DOZEN OF THE BEST OF THE NEW AND OLD TRADITIONS.

SEE A COMPLETE LIST AT MAGAZINE.WFU.EDU

CHRISTMAS LOVEFEAST

Still the granddaddy of all traditions (and the largest Moravian-style lovefeast in North America), begun in 1965 and as popular as ever, students and alumni pack Wait Chapel the first Sunday night in December.



PRESIDENT'S BALL

Since President Nathan Hatch rode into his Inaugural Ball in 2005 on the back of a motorcycle driven by the Demon Deacon, the biennial ball has become a don't-miss social event.



LIGHTING OF THE QUAD

Hang the greenery and lights on Hearn Plaza, enjoy a cup of hot chocolate and cookies, sing a carol or two and bring a blanket or warm clothing for the less fortunate to this kickoff to the holiday season, often cited by students as their favorite tradition since its inception in 2003.



HIT THE BRICKS

This annual philanthropy project for the Brian Piccolo Cancer Fund has been a big hit since students (along with faculty and staff) first began walking and running around Hearn Plaza in 2003.



CAPTURE THE FLAG

Divide several hundred students in the Z. Smith Reynolds Library into two teams and hide two flags for each team. One version features a moving human flag. In just three years, the orientation game has become so popular it's spawned a spring "capture" open to all students and the Humans vs. Zombies game (the Zombies always win).

TASTE OF WINSTON-SALEM

Local eateries set up a chocolate fountain and offer their best dishes at a freshman mixer so popular that upperclassmen crash the party.



HOMECOMING

Students vie to have the best banner on residence halls, vote for Homecoming king and queen and then turn out en masse for the huge bonfire on Davis Field.



WAKE 'N SHAKE

Students dance 'til they drop during a 12-hour marathon at this fundraiser for the Brian Piccolo Cancer Fund that began seven years ago.

PROJECT PUMPKIN

Student ghouls, ghosts and goblins have treated underprivileged children to an afternoon of trick-or-treating and carnival games on campus since 1988.



10 WAKE THE LIBRARY

Pulling all-nighters was never this much fun. The Z. Smith Reynolds Library has lightened the exam mood since 2006 with snacks, an endless supply of free coffee, a study box (literally, a box for studying) and festive decorations, including a cardboard President Hatch lounging in a kiddie pool.

11 AWAKE ALL NIGHT

Try your chances at the casino, groove on the LED dance floor, have your fortune read, play laser tag and more in the Benson Center's once-a-semester, late-night dance party/carnival/scavenger hunt.



12 SHAG ON THE MAG/ SPRINGFEST

Put on your shagging shoes and sing along with the Embers (who've performed all but one year since the first Mag Shag in 2005) at a faux-beach party under a giant tent on Manchester Plaza/Magnolia Quad.

13 SENIOR EVENTS

Seniors don't want to graduate after being treated to the Class of the Finest tailgate at the last home football game, a Senior Dinner at the coliseum and senior nights at a Winston-Salem Dash baseball game and at Reynolda House Museum of American Art.





ROGAN KERSH ('86)
IS THE NEW PROVOST

ROOGAAN
RETTURNS

*'the deepest kind of
homecoming imaginable'*

BY MARIA HENSON ('82 | PHOTOGRAPHY BY KEN BENNETT

WELL-WISHERS WAITED IN LINE UP TO 30 MINUTES TO WELCOME ROGAN KERSH IN THE GREEN ROOM EARLIER THIS YEAR



WHEN WAKE FOREST appointed Rogan Kersh ('86) as the University's new provost and professor of political science on Jan. 26, it was a happy homecoming for the former Reynolds Scholar and his professors. Kersh assumed his duties as chief academic officer, with responsibility for administering the academic programs and plans of the Reynolda Campus, in July. He supervises the deans of the undergraduate College, the Schools of Business, the Graduate School of Arts and Sciences, the School of Law, the School of Divinity and the Z. Smith Reynolds Library.

A few weeks before he and his wife, Sara Pesek, moved to Winston-Salem from NYU in Manhattan, he sat down at Graylyn with Maria Henson ('82) of Wake Forest Magazine to talk about his memories of Wake Forest. What follows are edited excerpts of their conversation.

HENSON: *I wonder when you left the Green Room in Reynolda Hall the day of the announcement what you thought. There were 70- and 80-year-old people in that room who had an impact on you and were there to celebrate your return.*

KERSH: It felt — and feels like — a homecoming in the most powerful sense of the word. As long as there have been humans, there have been people who have gone out to fight wars or forage or find out what the next town was like or go around the world in a ship, and then they would come back. We do this in a ritualized way at colleges and universities every fall; the alumni come back. That day felt like the deepest kind of homecoming imaginable. It felt that I was exactly in the place I was meant to be. As you say, the presence of these extraordinary mentors and friends and, in some cases, figures I hadn't seen in 20 years — that's profoundly significant. Most university settings, most corporate settings and nonprofits — the places we live our lives now — people don't stay that long. But to come back and see after 25 years far more familiar faces than unfamiliar, it felt a deep testament to the enduring connectedness of this place.

HENSON: *Congratulations on recently receiving NYU's Wagner School of Public Service Professor of the Year award. I wonder whether professors at Wake Forest shaped you.*

KERSH: Many of them, actually. I had such strong mentors here. And I think I probably sought them out in a way because I had an exploding family as I came out of junior

high and into high school. My parents got divorced. My mom left the family at some point. My dad fell ill. (I had two much younger brothers, one of whom is a Wake grad, and a younger sister.) My dad moved everybody down to Mississippi, near where my mom lived in New Orleans. I moved in with a different family to finish high school, so there was all this chaos. I got to Wake and kind of reset familial life and had these very, very powerful mentors who taught me not just facts about politics, history, ecology, English and so on, but also something about how to live and how to carry oneself and how to be a member of a campus community.

I've never been far from college campuses. I think that had a huge amount to do with the teachers I had. Jim Barefield. Charles Lewis ('63) and a whole set of folks in politics — Kathy Smith (P '06), Jack Fleer, Don Schoonmaker ('60), who sadly has left us, as has Saguiv Hadari. In English, Barry Maine, Jim Hans and Doyle Fosso (P '81) — I became a lifelong reader because of these professors. Debbie Best ('70, MA '72) in psychology. Rick Matthews in physics. I started as a physics major because of Dr. Matthews, then eventually wound up in what we then called politics. I would add Tom Phillips ('74, MA '78) to that group.

HENSON: *Did he help you win your Luce Scholarship to study in Japan?*

KERSH: Tom Phillips was helpful in all kinds of ways. Although I'd grown up in New York, we had been in Brevard (N.C.) long enough that I was a provincial kid, first generation to go to liberal-arts college. Mom attended nursing school. My dad had his schooling in World War II and went back to Life Magazine, where he started as an office boy and worked his way up to art director. Tom was another who helped teach me how to live as an adult. He would suggest classes with some of these folks who became mentors. He also helped me figure out what to do in the summers (through the Reynolds program). My world had shrunk in some ways in Brevard; we didn't get out of the mountains much, and so to have such rich possibilities of working in the British Parliament and in the U.S. Congress before that — and Jim Barefield suggested I go to Venice in a group he was leading — (it) was wonderfully life-and-mind-expanding. Tom and Professor Don Schoonmaker helped me work out a summer program where I studied in East and West Germany (back when there were two Germanys!), and that gave rise to my senior honors thesis. It was all extraordinarily influential and lasted beyond my time at Wake, when Jim Barefield along with Tom helped point me toward the Luce.

HENSON: *So when you began teaching other students, what lessons did you take from these mentors?*

KERSH: I can think of very specific things I do still as a teacher. For example, Charles Lewis has a very powerful way of beginning class with a pointed question that helps set the arc for that day's lecture or discussion. He will raise a question with a student, and he puts it firmly and pointedly, though it's not a Socratic, embarrass-the-student-so-we're-all-terrified kind of way. But you knew it might be your day to have the question. So everybody sits up a little straighter and pays a little bit more attention. I have carried that into many of my classes: start with a question that sets the tone.

Σ PHILLIPS:
○ *helped teach me how*
⊥ *to live as an adult.*



RICK MATTHEWS IN PHYSICS:
gave me a sense that you didn't have to be a removed, aloof authority figure from "The Paper Chase," speaking commands to your students.

Every class that Don Schoonmaker taught had a clear, definitive ending. It wasn't just 'Oh, goodness, we're out of time. Here's some homework.' He had these stories, specific points to make ... and a way of wrapping up things neatly. So I learned about introducing the class from Charles Lewis, and I learned about concluding my classes from Don Schoonmaker. I also think of Debbie Best in psychology or Rick Matthews in physics, who gave me a sense that you didn't have to be a removed, aloof authority figure from "The Paper Chase," speaking commands to your students. They were themselves these incredibly warm, rich, giving, engaged, alive teachers, and you had a sense of the enthusiasm they brought to their subject. Rick Matthews — he'd come in dressed as Darth Vader to illustrate the properties of light. Or he'd come in with a bucket of water to show us the nature of force. He'd suddenly throw the bucket at a student, and, of course, it was filled with Styrofoam. He'd somehow switched the bucket, after starting out with one full of water.

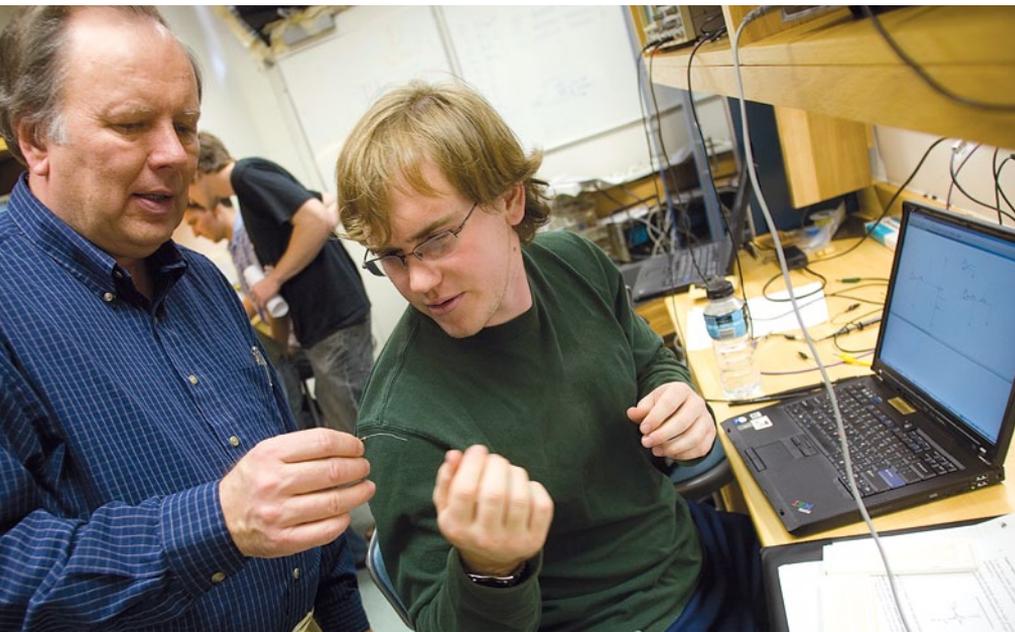
I just had such a marvelous set of Wake Forest teachers who gave me a sense of the things that matter most in

a classroom: Enormous enthusiasm for the subject (and) a sense of being a person who is engaged with these students, who cares and connects, then runs a class session that uses that precious time in the most valuable way possible. I really think of Wake Forest teachers almost every time I enter a class. It's almost homage if you will ... One example: Charles Lewis graded papers with a set of very specific comments in the margins along the way. He formed his "a"s in a particular way. I changed the way I write my "a"s — not the letter "A" for grade — but you know 'That was good.' The "a" — it seemed to me was the way learned people wrote "a"s, so when I write comments, to this day I have Charles Lewis' style of small quips, comments and suggestions with

a Charles Lewisian "a." Jim Barefield was another whose grading style I've continued to this day. So these lessons were bred in my bones.

HENSON: *When you think of your favorite spots on campus, what are they?*

KERSH: Some of them are almost clichés, I guess. Reynolda Gardens — an extraordinary place to walk or run or lose oneself for a while when things are going





poorly or going especially well. There are four or five in all, but I'm only going to tell you a couple. Some have to remain secret. I think of the honors rooms in Tribble. I tried to take an honors class almost every year. I loved the setup of the three figures — one from the arts, one from the sciences, one from the humanities. The furniture got a little shabby, but there were all these books, art on the wall. It doesn't just feel like a set of remote, distant, Olympian figures. In my first seminar, Germaine Brée, who had known Albert Camus, talked about her friend Albert Camus in there, and I've been reading Albert Camus ever since. That's where we do Reynolds interviews now, so I'm back in that spot often.

There's a piano room in Scales, where I took to studying when things would get loud elsewhere. During exam time the practice rooms weren't that utilized. I'd read and write in there, and study, and I'd play the piano a little bit. Or the Autumn Room in Reynolda Hall, where I had my first Wake Forest moment (at the Reynolds Scholarship dinner). I'd gotten off the plane. I was late arriving because of a high-school band competition. I came in, and (there was) President Scales with his forgiving smile; and Jim Barefield showed us a map of Venice held upside down, I think on purpose. There I encountered some of these extraordinary figures for the first time, professors and fellow finalists who have remained friends my whole life. It's also the room where Saguiv Hadari and Don Schoonmaker would organize voluntary book discussions

REYNOLDA GARDENS:
*an extraordinary place
to walk or run or lose
oneself for a while when
things are going poorly
or going especially well.*

(Tocqueville Forum) and invite any students who wanted to come. That room holds a lot of powerful, lifelong memories for me. ...

A lot of students today might say the Lawrence Joel Coliseum, but when I was here Wake played in Greensboro Coliseum all four years. In a funny sort of way the drive back from Greensboro on Interstate 40 has a sweet place memory for me, because Wake won more often than they lost. I don't remember the games as much as the drive back — this feeling of camaraderie, having shouted ourselves hoarse. It wasn't a long trip, but I sometimes wished it would go on forever.

HENSON: *Are you still a sports fan?*

KERSH: I am. From Wake I have retained an abiding, lifelong love for college football and basketball. NYU has no football program and a Division III basketball program. I got very devoted to Syracuse when I was there. It will be difficult for me, at least for a while, once Syracuse joins the ACC. It'll be Wake and then Syracuse against everybody else. I still keep track of Wake Forest baseball and soccer — amazing how deep these loyalties run.

HENSON: *The national conversation has critics calling into question the value of a liberal arts education. What do you say about that?*

KERSH: In the quarter-century since I left Wake, I think we've seen the commodification of more and more sectors of American life. The first question we ask is not 'Is this right or is this good,' but 'How much does this cost; what's the cost-benefit analysis?' We've seen it in government, the area I've spent so much time researching and studying. You cannot pursue a good idea — national or state or even local legislation — unless you've done a careful analysis of the costs and benefits. And that's happened to some extent to higher education. It's been commodified, so you have an exact explanation of what the average lifetime earnings benefit of a B.A. or B.S. or master's is going to be. One shouldn't ignore those kinds of arguments, but I know from my experience there is a much deeper value and truth to being educated as a whole person during one's potentially callow years when you're learning to be an adult. It's infinitely deeper than learning a trade or learning a set of skills or expanding one's toolbox.

I think universities still do a good job of providing people with the skills to negotiate not just their for-that-moment chosen profession ... but some of those life-lessons are



being called into question by the bottom-line types. The incomparably important aspect of college is that you learn to live a good, just, rich, meaningful, purposeful, fulfilling life as a contributing citizen, as an engaged human being. You cannot underestimate that value ... I fear universities may be losing that commitment to educating a whole person, that sense of being a citizen, scholar, growing to maturity and asking meaningful questions; that's the contribution that over a couple thousand years we've honed in a global civilization. America's top universities and colleges contribute that just about better than anything at this point.

My own experience, bred very powerfully at Wake, and the experience of the thousands of students I've taught convinces me beyond the shadow of a doubt that this is an enormously, enormously valuable way to spend one's time and, yes, one's precious resources to develop rewarding habits and practices that unfold the rest of your life. I would say, with gratitude to the mentors we've talked about, that my own life is testament to that. These lessons that are inculcated in this relatively short time are going to make this a life worth living. As we've known as long as we've been a species, there's nothing more valuable than that.

INCOMPARABLY IMPORTANT

▮ *aspect of college is that you learn to live a good,
▮ just, rich, meaningful, purposeful, fulfilling life as a
▮ contributing citizen, as an engaged human being.*

DONNA BOSWELL: 'THERE'S NO PLACE LIKE THIS'

By Kerry M. King ('85)

Donna Boswell ('72, MA '74) has come a long way since growing up in the Midwest. After earning both a Ph.D. and a JD and stints as a congressional aide and college professor, she became a partner at one of the world's largest law firms. But she's never forgotten that Wake Forest gave her the chance to succeed.



"I'm acutely aware that I would never have been able to even start on this crazy journey to become who I am without Wake Forest," says Boswell. "If I had stayed at home, I would never have evolved, never found new things to do."

Her journey has brought her back to Winston-Salem and Wake Forest. She recently gave more than \$600,000 to the University to support causes dear to her heart: scholarships, faculty support and medical education.

She directed much of the gift to the Wake Forest Scholars program and the Ollen R. Nalley Faculty Fellowship Fund, which she established in 2002 in honor of her grandfather to support the work of junior faculty members. Her gift is also supporting the Wake Forest Fund for the College and the School of Medicine.

Boswell is vice chair of the University's Board of Trustees, chair of the Wake Forest University Health Sciences board and vice chair of the Wake Forest University Baptist Medical Center board.

She credits her grandfather with instilling in her the value of education and hard work. He was the "source of wisdom" in his small Illinois farming community, she says, teaching in a one-room school, driving a school bus and running the general store.

Her father was an accountant, frequently transferred across the Midwest until his last stop in Memphis, Tenn. Perhaps because she had moved so much, Boswell wanted to attend a college "that would be mine, just what I wanted, no one else's idea. It had to meet all my teenage ideals of what a college needed to be, and I found Wake Forest. I just loved it. It was such a liberating and different community."

Boswell's father borrowed money for her to attend Wake Forest, but when tuition increased, he couldn't borrow any more money. Small scholarships made it possible for her to

remain in school. "I was amazingly grateful not to have to drop out," she says.

She immersed herself in the Wake Forest community, working in the Z. Smith Reynolds Library, serving as a resident adviser, joining the Strings society, playing the flute in the marching band, babysitting for faculty members and running experiments for psychology professors. She got her first taste of teaching as a psychology graduate student when she taught a research methods class.

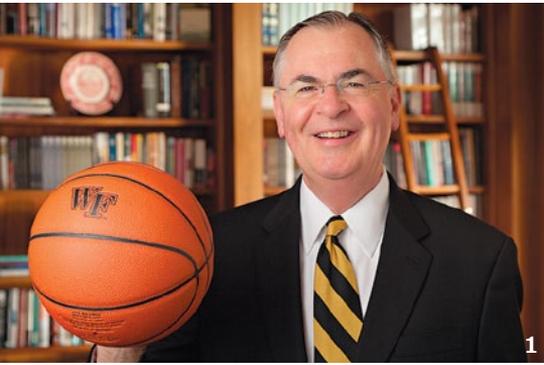
Teaching seemed like the perfect outlet for the challenging work she wanted to do. With a Ph.D. in psychology from Penn State, she taught at Old Dominion University in Norfolk, Va., and then at Wesleyan University in Middletown, Conn. During a yearlong fellowship developing health-care positions for Sen. Don Riegle (D-MI), she became fascinated with the process of making laws and policy.

She returned to school again in her late 30s to earn a JD at the University of Pennsylvania. After graduating in 1989, she joined the law firm Hogan & Hartson (now Hogan Lovells) in Washington, D.C.

When Hogan & Hartson and the London-based Lovells merged two years ago, she was one of the partners chosen to handle the people issues of integrating the two firm's cultures. Specializing in health care law and policy, she's in the thick of the ongoing health-care debate, helping biotechnology and pharmaceutical companies, academic medical centers and hospitals navigate the changing nature of health care.

Her journey recently landed her once again in Winston-Salem. After living in Washington, D.C., for the past 23 years, she bought a house in Winston-Salem and splits her time between the two. Although she isn't ready to retire, she's long thought about retiring in a college town. "I looked at a lot of different places. There's no place like this. Why do I keep looking?"

Ever the teacher, she encourages students she meets at Wake Forest to decide what they want out of life rather than what job they want. "I don't think I ever said 'I want to be an X,' so much as 'This looks like it will be a good life.' I've been lucky enough to do things that I felt engaged in."



1 The NCAA Division I Board of Directors has elected President **Nathan O. Hatch** as chair of the board for a two-year term. “This is truly a transformative time in college athletics and Division I sports,” said Hatch. “The NCAA has taken up the challenge to raise academic standards, streamline its enforcement process, and ensure the well-being of student athletes. I am honored to be selected chair of this important body as we seek to address these important issues and work to uphold the ideals of collegiate athletics.” Hatch has represented the Atlantic Coast Conference on the NCAA Division I Board of Directors since April 2010 and has served on the Executive Committee since August 2010.

2 “**The Last Flight of Petr Ginz**,” a film by the Wake Forest Documentary Film Program, won the Avner Shalev Award for Cinematic Excellence at the Jerusalem International Film Festival and will be screened on campus Nov. 11. **Sandy Dickson**, co-director of the program, said the film has been screened in at least 41 countries. A Wake Forest theatre class is developing performance pieces based on the film, which tells the story of Petr Ginz, who wrote five novels and penned a diary about the Nazi occupation of Prague by the age of 14.

3 What makes someone brave or honest or compassionate or encourages any of the other virtues we tend to admire in fictional characters and real people? **Christian Miller**, associate professor of philosophy and director of The Character Project, explores the beliefs that help us act more virtuously for the re-launch of the high profile website developed by The John Templeton Foundation called Big Questions Online. “This project is important because it encourages us to engage with the deepest questions in life about moral virtue, free will, good and bad, and ultimate meaning,” Miller said. “I hope readers will take advantage of the opportunity to think deeply about the different topics raised and also apply their own personal reflections practically in their lives.”

4 The School of Law has added a **Master of Studies in Law (MSL)**, a one-year program for students seeking to pursue or enhance a law-related career. The MSL program embraces the intersection of law with such areas as accounting, business, corporate compliance, criminal justice, education, health care, human relations, intellectual property, international trade, journalism, finance, nonprofits, politics, public health, regulatory, sustainability and university administration. MSL

graduates do not practice law, but they bring an understanding and awareness of legal concepts to their various careers and professions, having been exposed to these concepts as applied to the specialty of their choice.

5 **Anqi Zou ('12)** never thought she would thank video gamers for showing her the way to exciting discoveries in molecular biology. But here she is, acknowledging that the technology she uses to show the inner workings of cells was originally perfected to create realistic images on gaming screens worldwide. **Sam Cho** and his students are using graphics processing units — also called GPUs or graphics cards — to explore the biomolecular processes in the cell and take on challenges, including a cure for cancer. “We have hijacked the same technology that creates the detailed gaming scenes on your computer screen to perform molecular-dynamic simulations,” said Cho, an assistant professor of physics and computer science who simulated the folding and unfolding of a critical RNA molecule component of the human telomerase enzyme. This enzyme is what makes tumors continue to grow. Knowing how human telomerase works could lead to cancer therapies that essentially obliterate tumors, Cho said.

6 Golfer **Lee Bedford ('12)** was named the 2011-12 Arnold Palmer Award winner and women's soccer forward **Katie Stengel ('13)** received the Marge Crisp Award given annually to the top student-athletes at Wake Forest University. Cross country/track athlete **Paul Loeser ('12)** and volleyball's **Andrea Beck ('13)** received the Edwin G. Wilson Award.

7 **Paul Pauca ('94, MS '96)**, associate professor of computer science who spearheaded the development of a smartphone and iPad application to help his own speech-disabled son and others like him, has started a company to commercialize the program. Pauca co-founded Apps for the Greater Good to commercialize Verbal Victor app and develop new products. He is working with law student **Scott Graber ('10)**, president of the new company, and lead software developer **Tommy Guy (MA '09, MS '10)** and

William Turkett, assistant professor of computer science, who are both vice presidents.

8 U.S. Supreme Court Justice **Ruth Bader Ginsburg** was a guest lecturer during the School of Law's Venice and Vienna study abroad programs last summer. She lectured in several classes and gave a public lecture titled "A Decent Respect to the Opinion of [Human]kind: the Value of a Comparative Perspective in Constitutional Adjudication."

9 For many of the estimated 67 million people who will report physician-diagnosed arthritis by the year 2030, strength training may help reduce pain and improve function. Building on the results of short-term studies showing the benefits of strength training on knee osteoarthritis (OA), Professor of Health and Exercise Science **Stephen Messier (P '04)** will lead a

five-year study to learn what level of strength training will help older adults the most. For the study, called **Strength Training for ARthritis Trial (START)**, Messier is recruiting 372 adults age 55 or older with knee OA. The study is funded by a \$3.9 million grant from the National Institutes of Health.

10 For four years, graduate student **Aaron Corcoran (Ph.D. '13)** has studied how tiger moths use sonar-jamming to evade bats in the Arizona desert. With Corcoran's help, the evolutionary arms race between bat and moth has been captured on camera for the new National Geographic Television mini-series "Untamed Americas." The program aired this past summer. Corcoran was asked to be a scientific consultant for the "Desert" segment of the series because of his extensive field research. "I was basically the bat whisperer," he said.

POWER FELT CREATES A CHARGE

When The New York Times went looking for "32 Innovations That Will Change Your Tomorrow," it zoomed in on groundbreaking research by physicists in the Center for Nanotechnology and Molecular Materials at Wake Forest, who have developed a fabric that doubles as a spare electrical outlet.

"When used to line your shirt — or even your pillowcase or office chair — it converts subtle differences in temperature across the span of the clothing (say, from your cuff to your armpit) into electricity. And because the different parts of your shirt can vary by about 10 degrees, you could power up your MP3 player just by sitting still," says the NYT in its June 1 edition. "According to the fabric's creator, **David Carroll**, a cell-phone case lined with Power Felt could boost the phone's battery charge by 10 to 15 percent over eight hours, using the heat absorbed from your pants pocket."

Says Carroll, director of the center and head of the research team, "Imagine it in an emergency kit, wrapped around

a flashlight, powering a weather radio, charging a prepaid cell phone. Literally, just by sitting on your phone, Power Felt could provide relief during power outages or accidents."

When graduate student **Corey Hewitt (Ph.D. '13)**, right, touches a two-inch square of black fabric, a meter goes berserk. Simply by touching a small piece of Power Felt, a thermoelectric device, he has converted his body heat into an electrical current. Composed of tiny carbon nanotubes locked up in flexible plastic fibers and made to feel like fabric, Power Felt uses temperature difference — room temperature versus body temperature, for instance — to create a charge.

"We waste a lot of energy in the form of heat. For example, recapturing a car's energy waste could help improve fuel mileage and power the radio, air conditioning or navigation system,"



Hewitt says. "Generally thermoelectrics are an underdeveloped technology for harvesting energy, yet there is so much opportunity."

Potential uses for Power Felt include lining automobile seats to boost battery power and service electrical needs, insulating pipes or collecting heat under roof tiles to lower gas or electric bills, lining clothing or sports equipment to monitor performance, or wrapping IV or wound sites to better track patients' medical needs. Researchers say that although there's more work to do before Power Felt is ready for market, eventually it might power an iPod, which would be great for distance runners.

class notes

Elliot Berke ('93), the new president of the Wake Forest Alumni Association, received his law degree from Emory University School of Law. He is a partner with McGuireWoods LLP in Washington, D.C. He and his wife, Lindsey, and their two children live in Arlington, Va.



Berke

As the new president of the Alumni Association, what's on your plate for the fall?

I first want to say how grateful I am for the work of Arthur Orr ('86) as president over the past two years. One of the many things that make Wake Forest special is our alumni, people like Arthur and members of the Alumni Council who volunteer their time for one simple reason: to ensure that the great experience that they had at Wake Forest is passed on to future students. Arthur's commitment to Wake Forest — and to volunteerism through the Peace Corps and Habitat for Humanity — is a true inspiration.

I am very excited that one of the Alumni Association's major events this fall is a meet-and-greet time with new Provost Rogan Kersh ('86) in three cities. He will be speaking to alumni in Atlanta on Oct. 10, in Washington, D.C., on Oct. 17, and in New York City on Oct. 18. For more details, visit alumni.wfu.edu.

Speaking of Provost Kersh, in the interview in this issue (see page 50), he talks about a number of professors who influenced him. Who are some of the professors who influenced you?

In my case, I would like to thank, in particular, Claire (P '08) and Dan ('72, P '08) Hammond (I stud-

ied economics with them at Worrell House), Ken Zick (P '01, '03) (English Common Law), (former Wake Forest President) James Ralph Scales (Churchill), Jim Barefield (Renaissance Europe Seminar) and Charles Kennedy (Politics of Ethnic Conflict Seminar). All of them had a major impact on my academic development and later pursuits. I would also like to thank Ed Wilson ('43). I was fortunate to take a two-day seminar from him on Hardy, Yeats and Eliot a few years ago, and it will always be, not surprisingly, one of my most memorable Wake Forest experiences (even only a two-day class with Ed Wilson can spark a lifetime of learning).

Why have you remained so active in volunteer roles with Wake Forest?

From my first steps on campus almost 25 years ago to now, Wake Forest felt like home. I loved Wake's sense of collegiality and dedication to educating the whole person. It means a lot to me to be in a position to give back, even just a little, to a place that has given me so much. It's been great to stay connected with campus, to reconnect with old friends and to make new ones.

How long have you worked in Washington?

It's hard to believe I've been in Washington, D.C., now for 15 years (the first 10 in government and the last five in private practice). I'm not surprised that Washington, D.C., is one of the top destinations for recent graduates. It has a tremendous amount to offer, both inside and outside of government and politics. It has a vibrant arts community and diverse job market. I'm a big proponent of the Wake Washington program, because it gives students the opportunity to experience all that DC has to offer. (For more on the Wake Washington program, visit college.wfu.edu/washington).

1950s

Jack Shearin ('50) and other volunteers build wheelchair ramps for the disabled in Forsyth County every Tuesday. The building crew includes **Dan Kinney ('61)**, **Bob Edwards ('61)**, **David Matthews ('62)** and retired mathematics professors **Elmer Hayashi (P '90, '90)** and **John Baxley (P '91, '92)**. Read more on page 73.

Betty L. Siegel ('52, P '88, '89) is president emeritus of Kennesaw State University. She received the first Ladies of Honor Award by the National Foundation of Patriotism. She was the first female president in the University System of Georgia, and the longest serving (25 years) female president of a state university in the United States.

Hunter James ('54) has published his 12th book, "Where I Hid Out During the Revolution" (Moonshine Cove Publishing), since his retirement in the late 1990s from the Atlanta Constitution.

Ronald C. Dilthey ('57, JD '60, P '90) is with Patterson Dilthey LLP in Raleigh, NC. He has been named a N.C. Super Lawyer, listed as one of the Best Lawyers in America and elected to Business North Carolina's Legal Elite. He has been honored by Wake Forest, the N.C. Bar Association and the Wake County Bar Association for his 50-plus years of service. He is in his 35th year of teaching at Campbell University School of Law.

Jane Freeman Crosthwaite ('59) is a professor of religion at Mount Holyoke College in South Hadley, MA. She has been named one of the Best Professors in America by The Princeton Review.

Martin N. Erwin ('59) is with Smith Moore Leatherwood LLP in Greensboro, NC. He was recognized by Chambers USA in labor and employment law.

1960s

Al Hartness ('61, MD '65, P '92, '02) sold his pediatric practice after 33 years in Fayetteville, NC, and has continued to practice in locums for pediatricians in Hawaii, North Carolina, the U.S. Army, the U.S. Navy and the Brunswick County Health Department. He has worked with Missions Ministries in Mexico



Erwin
('59)



Sitton
('61, JD '64)



Gaskins
('63)



Grady
(JD '66)

and visited the Holy Land. He is an adjunct professor in pediatrics with the physician assistant program at Campbell University. His son, **Jonathan ('92)**, and his wife, **Laura ('93)**, are in Savannah, GA, where Jonathan is with Flight Safety and Gulfstream. His son, **Chris ('02)**, is in a radiology residency with the U.S. Army at Ft. Lewis, WA.

Carolyn Coggin Holmes ('61) has retired after 37 years as executive director of Ash Lawn-Highland, the home of former U.S. President James Monroe, in Charlottesville, VA. The restoration and revitalization were under her leadership.

Larry B. Sitton ('61, JD '64, P '90) is with Smith Moore Leatherwood LLP in Charlotte, NC. He was recognized by Chambers USA in litigation and general commercial law.

Pat Williams ('62) is co-founder and senior vice president of NBA's Orlando Magic. He was appointed to the board of directors for the Multiple Myeloma Research Foundation and received the John W. Bunn Lifetime Achievement Award from the Naismith Memorial Basketball Hall of Fame. He was diagnosed with multiple myeloma cancer in 2011 but is in remission and continues a busy life as an NBA executive, corporate speaker and author of more than 75 books. His most recent book is "Leadership Excellence."

Ed Gaskins ('63, P '95) has been with Everett Gaskins Hancock LLP in Raleigh, NC, for 44 years. He was inducted into the N.C. Bar Association's General Practice Hall of Fame.

David Forsythe ('64) is the Charles J. Mach Distinguished Professor (Emeritus) of Political Science at the University of Nebraska-Lincoln, where he taught for 37 years. He is the author of "Human Rights in International Relations" (Cambridge, 2012) and "The Politics of Prisoner Abuse" (Cambridge, 2011). Read more on the magazine website (go.wfu.edu/383).

Thomas M. Grady (JD '66) is with Hartsell & Williams PA in Kannapolis, NC. He has been inducted into the N.C. Bar Association's General Practice Hall of Fame.

John G. Ludlum ('66) has been inducted into the N.C. Bar Association's General Practice Hall of Fame.

Harriet Robinson Dobbins ('67, P '00) retired from Lincoln County Schools, NC. She taught geometry and AP statistics at Lincolnton High School and coached the High-Q Quiz Bowl team. She plans to teach swimming lessons for the Red Cross and spend more time with her family: husband, David; daughter, **Donna D. Tedder ('00)**, and her husband, Daniel; and her two grandsons, Jackson and Blake.

Ken Hauswald ('67, MD '71) traveled to Norway on a trip sponsored by the alumni association. While wearing his Wake Forest hat in line at a small town cafeteria, he heard 'GO DEACSI!' He met an American from Washington state who knew about Wake Forest.

Wake Forest Magazine welcomes Class Notes submissions from alumni. There are three ways to submit information:



Standard mail:
Class Notes Editor
Wake Forest Magazine
PO Box 7205
Winston-Salem, NC 27109-7205



Email: classnotes@wfu.edu



Online:
magazine.wfu.edu/classnotes



Bennett
(’68, JD ’74)



Vocelle
(’78)

Richard V. Bennett (’68, JD ’74) is with Bennett & Guthrie PLLC in Winston-Salem. He received the 2012 J. Robert Elster Award for Professional Excellence, the highest honor given by the N.C. Association of Defense Attorneys.

Paul Orser (’69, P ’01) delivered his “Last Lecture” when he retired from Wake Forest in June. He was a teacher, administrator, dean of freshmen and associate dean for student academic initiatives. Read more on the magazine website (go.wfu.edu/0zr).

Thomas P. Williams (’69) is a partner with Houston Wealth Strategies. He has been named one of Texas Monthly’s five-star wealth professionals. He and his wife, Noreen, live in Houston. They have four children and five grandchildren.

1970s

James W. Trent Jr. (’70) is professor of sociology and social work at Gordon College in Wenham, MA. He has published a book, “The Manliest Man: Samuel G. Howe and the Contours of Nineteenth-Century American Reform” (Amherst: University of Massachusetts Press, 2012).

Tom Jennings (’72) is principal of NXT, a company seeking to improve healthcare through research and design (nxthealth.org).

Catharine Biggs Arrowood (’73, JD ’76, P ’05) practices law with Parker Poe Adams & Bernstein LLP in Raleigh, NC. The International Centre for Dispute Resolution has reappointed her to its International Panel of Arbitrators and Mediators. She has been named one of Triangle Business Journal’s Most Influential Business Leaders.

Gary R. Gunderson (’73) has been appointed vice president of faith and health ministries with Wake Forest Baptist Medical Center in Winston-Salem.

Riley Hollingsworth (JD ’73) retired as chief of enforcement in the amateur radio service of the Federal Communications Commission in 2008. He is a contributing editor for CQ magazine, a publication devoted to radio communications and technology.

Robert Edward Lee Allen (’75) received the National Intelligence Superior Service Medal for three decades of lasting contributions to the U.S. Intelligence Community. He also received the Chairman, Joint Chief of Staff Joint Distinguished Civilian Service Award for service while assigned to the Directorate for Intelligence, the Joint Staff.

Lynn Hamilton Ellis (’75, P ’02, ’05, ’05) has written a book, “The Humanity of Medicine: The Story of Mark E. Ellis MD,” about her late husband, **Mark Ellis (’74, MD ’77)**. Read more on the magazine website (go.wfu.edu/8m8).

Bruce Ingram Mallette (’75, MAEd ’77) is vice president for academic and student affairs with the University of North Carolina System. He is an adjunct associate professor at N.C. State University where he received the Distinguished Alumni Award from the Higher Education Faculty and Graduate Student Association.

Anne Louise Minard Murray (’75, MAEd ’77) teaches organizational behavior, change management and human resources at Pfeiffer University’s Graduate School of Business in Charlotte, NC. She received a Fulbright Fellowship to teach similar subjects, in English, to business graduate students at The National University of Political Studies and Public Administration in Bucharest, Romania. Follow her adventure (ayearinromania.blogspot.com/).

T.R. Kerth (MA ’76) is a newspaper columnist and a retired English teacher. He published a book of essays, “Revenge of the Sardines.” He and his wife of 43 years, Gail, live in Huntley, IL, during the summer and Naples, FL, during the winter.

Deb Richardson-Moore (’76) was a reporter for The Greenville News for 27 years and is now pastor of the Triune Mercy Center, an inner-city mission church to the homeless in Greenville, SC. She is publishing her memoir, “The Weight of Mercy” (Monarch Books, Kregel Publications, Grand Rapids, MI, Oct. 2012). An early version of the memoir won third place in an essay contest sponsored by The Writers’ Workshop in Asheville, NC.

Richard Bidlack (’77) is a professor of history at Washington & Lee University in Lexington, VA. He co-authored a book with a Russian historian, “The Leningrad Blockade, 1941-1944: A New Documentary History from the Soviet Archives” (Yale University Press, Annals of Communism Series, July 2012).

Jim Dorsett (JD ’77) is a partner with Smith Anderson Blount Dorsett Mitchell & Jernigan LLP in Raleigh, NC. He has been elected president of the Eastern North Carolina chapter of the American Board of Trial Advocates.

Fritz Richter III (’77, JD ’80) practices employee benefits, ERISA and executive compensation with Bass Berry & Sims in Nashville, TN. He has been named co-vice chair of the Fiduciary Responsibility/Plan Investments Subcommittee of the Employee Benefits Committee of the American Bar Association’s Tax Section.

Tommie O’Toole (’78, P ’07) is an assistant managing editor in charge of sports department content at USA Today. He recently covered his 18th Final Four and the London Games were his 11th Olympics. Read more on the magazine website (go.wfu.edu/df2).

Louis “Buck” Vocelle Jr. (’78) is a managing partner of Vocelle & Berg LLP in Vero Beach, FL, and the father of a Wake Forest senior, Cecile. He has been named one of Florida Trend Magazine’s Legal Elite and a Florida Super Lawyer.

1980s

Thomas N. Griffin III (’80, P ’08) has been elected a managing partner with Parker Poe Adams & Bernstein LLP in Charlotte, NC.

David Morgan (’80) is the founder of the Winston-Salem Street School, which offers high-school dropouts a second chance at an education. Their new downtown location will eventually enable them to enroll twice as many students. Read more on the magazine website (go.wfu.edu/kcv).

Gerald F. Roach (’80, JD ’82, P ’09, ’12) is with Smith Anderson Blount Dorsett Mitchell & Jernigan LLP in Raleigh, NC. He has been recognized by Chambers USA with the highest ranking in corporate mergers and acquisitions.

Tamara Taylor Applegate ('81, MBA '86, P '09) teaches AP calculus at Asheboro (NC) High School.

Lynne M. Flood ('82) is a veterinarian and owner of Daniel Island Animal Hospital near Charleston, SC. Read her "vet tales" on the magazine website (go.wfu.edu/v8v).

Gary Joyner (JD '82) is a managing partner with Kilpatrick Townsend & Stockton LLP in Raleigh, NC. He has been named to Triangle Business Journal's Most Influential Business Leaders.

Richard Joyner ('82) is president of Tolleson Private Wealth Management, a division of Tolleson Wealth Management, in Dallas. His daughter, Courtney, is a Wake Forest senior.

Glenn Scott Fitzgerald ('83) is the senior multimedia producer for CBSsports.com, a division of CBS Interactive in Ft. Lauderdale, FL.

Paul T. Flick ('83, JD '86) is a managing partner of Jordan Price Wall Gray Jones & Carlton PLLC in Raleigh, NC. He received the 2012 Business Leader of the Year award as a top business leader in the Triangle area.

Chuck Millsaps ('83) was the expedition leader for the 1,000-mile hike across North Carolina for long-distance runner Diane Van Deren in her successful attempt to hike the N.C. Mountains-to-Sea Trail in record time. Read more on the magazine website (go.wfu.edu/gyx).

Robert Emery Pike ('84, MBA '92) is president of Stratford Advisors Inc. in Winston-Salem. He was awarded the Accredited Investment Fiduciary designation.

Ken Bridle (MA '85, PhD '91) is stewardship director for the Piedmont Land Conservancy in Greensboro, NC. He serves as chairman of the Nongame Wildlife Advisory Committee of the Wildlife Resources Commission and president of the N.C. Prescribed Fire Council. He is also involved in the N.C. Native Plant Society and is a founder and past president of the Carolina Butterfly Society. He enjoys painting and drawing watercolor landscapes and natural illustrations. The Stokes County Art Council has scheduled a watercolor solo exhibition of his works in May 2013. He and his wife, **Luann Ruffy Bridle (MA '85)**, live in Walnut Cove, NC.



G. Joyner
(JD '82)



R. Joyner
('82)



Flick
('83, JD '86)



Pike
('84, MBA '92)



James
('85)

David D. Daggett (JD '85) is with Daggett Shuler in Winston-Salem. He received a 2012 Ebbie Award from the N.C. Advocates for Justice for his commitment to the organization. He spoke on "The Power to Influence the Future" at the 2012 annual conference of the National Sheriffs' Association.

Michael James ('85) is executive editor of The Tuscaloosa News. He was a member of the newsroom staff that won the 2012 Pulitzer Prize for breaking news coverage of the tornado that struck Tuscaloosa, AL, on April 27, 2011. He and his wife, Emily, live in Northport, AL.

Robert Wilkie ('85) is vice president for strategic initiatives for CH2M HILL, a construction and program management firm. He has served as assistant secretary of defense and special assistant to President George W. Bush for National Security Affairs. He was elected to The Council on Foreign Relations, a U.S. foreign affairs and defense policy organization.

Brent W. Ambrose ('86) is the Smeal Professor of Real Estate at Penn State University in State College, PA. He has been appointed director of the Smeal College of Business PhD program.

Kelli Brewer Sabiston ('86) is a certified athletic trainer. She received the Most Distinguished Athletic Trainer Award from the National Athletic Trainers' Association.

Kent L. Hipp ('87) is with GrayRobinson PA in Orlando, FL. He has been named a Florida Super Lawyer in eminent domain.

Erik Nyce (JD '87) has been appointed associate judge of the District Court of Maryland for Prince George's County. He was a partner with DeCaro Doran Siciliano Gallagher & DeBlasis LLP, practicing civil and criminal litigation in state and federal courts in Maryland, Virginia and the District of Columbia.

Stacy Chamberlain Cordes ('88, JD '91) and **Laura Byrd Burt (JD '91)** have formed Burt & Cordes PLLC in Charlotte, NC. Stacy practices debtor/creditor rights, bankruptcy and litigation matters.

Andrew R. Hart ('88) is a chaplain for the Civil Air Patrol on Long Island, serving the Grumman Squadron and squadrons of the Long Island Group. He received the Chaplain of the Year Award from the State of New York.

Michelle Whicker Price ('88) has been controller for the Town of Cary for more than 20 years. She was awarded the N.C. Association of Certified Public Accountants' 2012 Most Outstanding Member in Government.

Laurel Whitehouse Spahn (JD '88) is with the Illinois Guardianship & Advocacy Commission in Chicago. She received The Richard J. Phelan Public Service Award from the Chicago Bar Association and Chicago Bar Foundation for her work representing people with mental illness facing involuntary civil commitment or forced treatment.

Luanne Lambert Runge ('89, JD '92) is with Gallivan White & Boyd PA in Greenville, SC. She has been named one of the Best Lawyers in America for legal malpractice defense and received the Women of Achievement Award in the legal services category from the YWCA of Greenville. She is also chair of the board of directors for the Greater Greenville Chamber of Commerce.

William Toole (JD/MBA '89) is with Robinson Bradshaw & Hinson PA in Charlotte, NC. He has been named the Catawba Lands Conservancy's 2011 Eugene O. Daniels Volunteer of the Year.



Wood
(JD/MBA '91)



Klee
(JD '93)

1990

G. Bryan Adams III (JD) is a partner with Van Hoy Reutlinger Adams & Dunn PLLC. He was named one of Chambers USA's America's Leading Lawyers for Business in the category of labor and employment law. He and his wife, Meg, and sons, George and Charles, live in Charlotte, NC.

Penny Jones (MAEd) has published her first book, "Snow on Magnolias" (WinePress Publishing).

Jon Scott Logel is assistant professor at the U.S. Naval War College in Newport, RI. He received his PhD in history from Syracuse University. His dissertation, "Engineering

the Empire City: West Point and the Rise of New York," received the 2012 Outstanding Doctoral Dissertation Prize from the Maxwell School of Citizenship and Public Affairs.

1991

Laura Byrd Burt (JD) and **Stacy Chamberlain Cordes ('88, JD '91)** have formed Burt & Cordes PLLC in Charlotte, NC. Laura practices family law and is president of the Mecklenburg County Collaborative Family Law Practice Group.

Amy Spangler Gerald is an associate professor of English at Winthrop University in Rock Hill, SC.

Jennifer Hoover has been named the 10th head women's basketball coach at Wake Forest. She was a Demon Deacon basketball star from 1987 to 1991 and is a member of the Wake Forest Hall of Fame. She and her husband, John, have one daughter, Maggie (6).

Renee Hughes is an employment law attorney and litigator with Gardner & Hughes PLLC in Charlotte, NC. She has been named

to Business North Carolina's Legal Elite Hall of Fame in employment law.

Brian Keith Hunt is director of operations for the primary care division of LeBauer Health-care in Greensboro, NC. He received his master's in leadership and organization change from Pfeiffer University.

Stephen Martin has been named human resources director for Watauga County Schools. He received his doctorate in educational leadership from Appalachian State University and served as elementary school director and principal in Caldwell County Schools. He and his wife, Heather, have one son, Jackson William (8).

Fred M. Wood Jr. (JD/MBA) is with Smith Moore Leatherwood LLP in Charlotte, NC. He was recognized by Chambers USA in litigation and general commercial law.

1993

Kimberly Crupi Dobbins has her own company, Simplified Foods, and a signature item, the Simple Square. Read more on the magazine website (go.wfu.edu/9g2).

Stephen E. Klee (JD) is with Smith Moore Leatherwood LLP in Greensboro, NC. He was recognized by Chambers USA in real estate law.

Matt Spangler has a fellowship in the office of Senate Majority Leader Harry Reid.

1994

Andy Baker is senior vice president/group creative director, based in Washington, D.C., for National Geographic Channels. He oversees creative on television, print, digital and outdoor marketing campaigns for programs airing on the National Geographic Channel and Nat Geo WILD.

Amy Wallace Stewart has joined the law firm of Bickel & Brewer in Dallas.

Mark Tisdell (MBA) is CFO of Steelwedge Software, a global company in cloud-based supply and operations planning applications in Pleasanton, CA.

NATIONAL ACCOLADES FOR WAKE FOREST MAGAZINE



Wake Forest Magazine won the Silver Medal for Magazine Publishing Improvement in the 2012 Circle of Excellence Awards sponsored by the Council for the Advancement and Support of Education (CASE).

Judges complimented the magazine on its 2011 redesign, its stories by alumni about alumni and the new paper as "a great accent to the dynamic content" in the issues. "In particular, the judges felt that Wake Forest Magazine offered a nice mix of voices and intriguing stories." Ohio University received the gold medal, Oberlin College the bronze.

The national award came on the heels of two CASE District III awards for Wake Forest Magazine earlier in the year: the Grand Award for Publishing Improvement and Grand Award for Alumni Magazines in its enrollment category. The district covers the Southeast.

1995

Jay Dominick (MBA) has been appointed vice president for information technology and CIO at Princeton University. He and his family relocated from Concord, NC, to Princeton, NJ.

1996

Tammy Kubiszyn Connor is the owner of Tammy Connor Interior Design. Her work has been featured in Coastal Living, Southern Living, Elle Decor and Traditional Home magazines. She was named one of Traditional Home's New Trad Designers, received one of the eight nationwide Elle Decor's Bloggers' Choice Awards and received the Philip Trammell Shutze Award for the Southeast. She and her husband and two children live in Homewood, AL.

S. Gordon Hill (JD) is in the litigation and employment law group of Hill Ward Henderson PA in Tampa, FL. He has been elected to the board of directors of the Hillsborough County Bar Association.

Stephanie L. Reese (JD) is a superior court prosecutor for the N.C. 18th Prosecutorial District. She received the Prosecutor of the Year Award from the Carolinas Chapter of the International Association of Financial Crimes Investigators.

Kyle Thompson practices insurance defense, real property litigation and commercial litigation with Clawson & Staubes LLC in Greenville, SC. He and his wife, Christine, have three future Demon Deacons.

Gaye Taylor Upchurch directed a play, "Escape," which opened at La MaMa on East Fourth Street in New York City. Read more about her in The Deacon Blog on the magazine website (go.wfu.edu/c92).

1997

Louis Cyril Abramovitz (MBA) was a featured presenter at the "Librarian as Entrepreneur: Contributing to Your Organization's Bottom Line Through Marketing Initiatives" session at the annual Special Libraries Association Conference.



Hill
(JD '96)



Habeeb
('98, JD '01)



Ramseur
(JD '99)



Cunningham
(JD '00)

Allison Kiehl Beck is a pediatric hospitalist for Geisinger Health System in Pennsylvania.

Norman F. Klick Jr. (JD) is with Carruthers & Roth PA in Greensboro, NC. He has been named one of N.C. Lawyers Weekly's Leaders in the Law.

Erin O'Loughlin is founder and president of 3 Irish Jewels Farm, a nonprofit assisted farm-living residence home in North Carolina for adults with autism (3IrishJewelsFarm.org).

Fran Perez-Wilhite (MBA) is vice president of the corporate board of directors for Trinity Strategic Consulting Inc. in Charlotte, NC. She gave the keynote address, a motivational speech detailing her Hispanic heritage and the importance of teaming together to survive in a challenging business economy, at the Latina Style Magazine Business Series event in Charlotte.

1998

Zachary J. Bancroft (JD) is with Baker Donelson Bearman Caldwell & Berkowitz PC in Orlando, FL. He has been named a Florida Super Lawyer Rising Star.

David M. Grubb has been named director of public relations for Southern University at New Orleans.

Gregory D. Habeeb (JD '01) is a partner with Gentry Locke Rakes & Moore LLP in Roanoke, VA. He has been named a Virginia Super Lawyer Rising Star in business litigation.

Farrah Moore Hughes is associate professor of psychology and coordinator of the master of science program in applied psychology at Francis Marion University in Florence, SC. She received the university's Award of Excellence in Teaching.

Hunter Kemper participated as a triathlete in his fourth Olympics during the 2012 Summer Olympic Games in London. Read more on the magazine website (go.wfu.edu/mfj).

Elizabeth O'Donovan is the 2013 Donald W. Reynolds Nieman Fellow in Community Journalism at Harvard University. She will study entrepreneurial models for community newsrooms.

1999

Marjorie Benbow (JD/MBA) has been named managing director of Wake Forest's Charlotte Center in Charlotte, NC.

Trebuel Gatte (MBA) has published a self-study eBook, "Designing and Publishing eBooks: An Introduction to Kindle Book Creation." He also started a new company, Tumble Road Press (tumbleroad.com).

David Holden is a principal of Holden & Mickey Inc. in Winston-Salem. He has been elected president of The Estate Planning Council of Winston-Salem.

Patti Ramseur (JD) is a partner with Smith Moore Leatherwood LLP in Greensboro, NC. She received the Robinson O. Everett Professionalism Award from the Young Lawyers Division of the N.C. Bar Association.

2000

Matt Cunningham (JD) practices corporate, finance and commercial real estate law with Smith Moore Leatherwood LLP in Raleigh, NC. He received a Triangle Business Journal 40 Under 40 leadership award.

Jim Fitzpatrick has been named the director of boys' athletics at Episcopal High School in Alexandria, VA, where he has been the var-

sity basketball coach for the past six years. He was the commencement speaker at his alma mater, Flint Hill School.

Tim Fuller has been named associate head coach for men's basketball at the University of Missouri.

Frederic Joly (LLM) works in the building distribution division of the legal department of LAPEYRE in France.

Amy Ng completed her residency training at Baylor University Medical Center in Dallas. She is a clinical instructor in the department of palliative care and rehabilitation medicine, division of cancer medicine at The University of Texas MD Anderson Cancer Center in Houston.



Lawson ('01)

2001

George Lawson completed his training at Vanderbilt and the Mayo Clinic and is a surgeon

with Forsyth Plastic Surgery in Winston-Salem. He and his wife, **Amy ('01)**, have two sons, George IV and Henry.

Sara Shaw Nicholas completed her residency in obstetrics and gynecology at Washington University in St. Louis. She is a clinical instructor and fellow in maternal-fetal medicine at Thomas Jefferson University in Philadelphia.

2002

Darius Songaila competed in his third Olympics for his native country of Lithuania during the 2012 Summer Olympic Games in London. Read more on the magazine website (go.wfu.edu/mfj).

2003

Hanns Anders of San Francisco assumed an associate role in the energy technology practice of Claremont Creek Ventures.

Woody Giles is a planner with Tunnell Spangler Walsh & Associates, an Atlanta-based planning, architecture and landscape architecture firm.

Monica R. Guy (JD) is a family law specialist with Bell Davis & Pitt PA in Winston-Salem. She received Martindale-Hubbell's AV Preeminent Peer Review Rating, its highest achievement level award.

Courtney Humphries Harrington received her PhD in biology from Saint Louis University. She and her husband, **Matt ('99)**, and son, Elliott, live in Greensboro, NC. Matt is the marketing director for Piedmont Triad Partnership.

Pascal Kremp (LLM) is a partner leading the local employment, pension and benefits team at DLA Piper UK LLP in Munich, Germany.

Mike Murray has been named assistant men's tennis coach at East Carolina University in Greenville, NC.

“There is no other school quite like us.

We stand alone. We are what we are. We do not exist in relation to other schools; we succeed or we fail only in so far as we are true to our commitments, to our own ambitions, to our own destiny, to friendship and honor.”

Edwin G. Wilson ('43)
Provost Emeritus

At any level, your gift to the Wake Forest Fund makes a difference. wfu.edu/giving



2004

Will Lloyd is with Bank of America in New York City.

Shaka Mitchell (JD) is a lawyer in Nashville, TN. He gave a TV interview on NBC's "Rock Center" concerning a federal lawsuit involving compensation for bone marrow in which an organization that he helped to start, MoreMarrowDonors.org, is a plaintiff.

Manuel Moctezuma (LLM) is a partner with Chalela Enriquez y Moctezuma SC in Mexico City.

Courtney Suzanne Werner is a senior associate in the intellectual property litigation group of Alston & Bird LLP in Atlanta.

2005

Samuel Chacon (LLM) was recommended by Who's Who Legal as an aviation lawyer in Mexico. He published an article in the North American Free Trade & Investment Report.

Kate Davis received her MA in organization and leadership from Columbia University. She is chief of staff for Towers Watson's Asia Pacific region and is based in Hong Kong.

Michael A. Donaldson (MDiv) has published a book, "Small Groups, Big City: Express Lanes to Church Community" (Tate Publishing).

Retta Franklin received her BS in nursing from Emory University. She is a registered nurse in the emergency department at Emory University Hospital Midtown in Atlanta.

Callie Alley Lloyd is an assistant district attorney with the Manhattan District Attorney's Office in New York.

Robert H. Meek III is a U.S. Army Judge Advocate responsible for operational law, investigations and fiscal law. He was deployed to Kabul, Afghanistan, as part of the U.S. Army Corps rotation of the ISAF Joint Command and expects to return to Germany in Spring 2013.

Andrea Begley Orr (JD) has joined the corporate and securities practice of Bass Berry & Sims PLC in Nashville, TN.



Donaldson
(MDiv '05)



Orr
(JD '05)



Pungner
(JD '06)



Chiu
(MA '07)

Richard Sola received his MD from Ponce School of Medicine in Ponce, Puerto Rico. He is completing his surgical residency at UNC Hospitals in Chapel Hill, NC.

Kristen Preczewski served five years in the U.S. Army, completed two combat deployments to Afghanistan and had a successful company command of 212 soldiers. She is pursuing an MBA at the University of South Florida.

2006

Jenny Billings Beaver teaches developmental English and is the discipline chair in English with Rowan-Cabarrus Community College. She has published poetry in several magazines and was a poetry editor for Referential Magazine. Her first chapbook, "With or Without," was published online by The Dead Mule of Southern Literature, April 2012. Her second chapbook, "Ordinary Things," is based on her thesis and will be published online and in print by Folded Word.

Laura Crystal Cookman is chief resident of the emergency medicine resident program at Madigan Army Medical Center at Fort Lewis, WA. She is the resident representative on the board of directors of the Washington Chapter of the American College of Emergency Physicians.

Lucas M. Foletta (JD) has been named policy director and general counsel for the Carson City office of Nevada Gov. Brian Sandoval.

Lea Keller (JD) is a partner in the pre-litigation department of Mike Lewis Attorneys in Winston-Salem.

Richard Francis Lodato (MSA '06) is an assurance manager with PricewaterhouseCoopers LLP in Charlotte, NC.

Anthony M. Payne (PhD) was a lecturer for 2.5 years at the University of Florida College of Medicine, where he received the Exemplary Teacher Award. He is assistant professor at Quinnipiac University's new Frank H. Netter MD School of Medicine in Hamden, CT.

Stuart Pungner (JD) is a partner with Mike Lewis Attorneys in Winston-Salem. He was named one of North Carolina's Top 40 Under 40.

2007

Jamie Campisano works for Ridley Scott Associates, a film and commercial production company in New York City. She published a children's book, " 'C' is for College" (Evanston Publishing, 2012), on the importance of going to college. Read more on the magazine website (go.wfu.edu/m5s).

Korinne Chiu (MA) is pursuing a PhD in educational research, measurement and evaluation at UNC Greensboro. She is director of program evaluation at Physicians for Peace in Norfolk, VA.

Lauren Crandall was team captain of the U.S. field hockey squad at her second Olympics during the 2012 Summer Olympic Games in London. Read more on the magazine website (go.wfu.edu/mfj).

Ryan Eller (MDiv) is a senior partner with Cogent Strategies LLC in Winston-Salem. He has been appointed campaign manager for **Elisabeth Motsinger's (PA '89)** Democratic campaign for Congress.

Elizabeth Ladt (JD) works with Senate Minority Leader Mitch McConnell in Washington, D.C.

Victor Manzano (LLM) is general counsel for Latin American North at NOKIA Mexico.

WHERE ARE THEY NOW?

ALUMNI SHARE THE LESSONS OF STARTING THEIR OWN BUSINESSES AS STUDENTS

Laura Bullins Lough ('07)

LEXINGTON, KY.



Founded *The Unique Sheep* (theuniquesheep.com) to produce hand-painted yarn for knitting and crocheting. Works full time with *The Unique Sheep*.

"Define success for yourself. It is easy to get caught up in the aspirations of others and believe that to be successful you need to have X amount of sales, so many employees or the support of wealthy venture capitalists. Carefully think about what you want for your business and yourself, and you may find that those goals do not apply. The Unique Sheep will never make millions in annual sales or have hundreds of employees, and we never took funding from venture capitalists. In fact, if any of those things were to happen we wouldn't be the business that we are today and (we) wouldn't be as happy. To be successful you don't need to be big or flashy, you just have to decide on your own goals and meet them."



Austin McWilliams ('11)

ORLANDO, FLA.

Founded *3P Speech* (3pspeech.com) to provide speech, publishing and debate training to high school students. Pursuing masters in divinity and counseling at Reformed Theological Seminary in Orlando and coaching a high school speech and debate team.

"Since our small beginnings, I have met a multitude of people who have shared my vision for affordable high school speech and debate coaching. I have contracted 24 coaches from 11 states working in our four branch sites — debate, speech, publishing and debate evidence. You have to be willing to put in the necessary hours of work to attain success in whatever endeavor you are pursuing. Failures will happen, but that only makes success that much more enjoyable. Find your niche, and work incredibly hard to provide for that interest group. Most of all, though, do what you find joy in. If you don't enjoy what you're working toward, it doesn't matter how much success you have."



Brett Apter ('10)

WASHINGTON, D.C.

Co-founded with Ben Comer ('11) *mySavu* to offer students discounts at local businesses. Since graduating has founded *Direct Dermacare* (directdermacare.com), an authorized discount seller of skin care products, and co-founded with Tim Griesser ('10) *Get On Social* (getonsocial.com), an online marketing and software development firm.



"Many people stand on the sidelines coming up with idea after idea for ventures. Unfortunately they never get past this brainstorming step. My advice is to jump in and act on one of these ideas. The lessons learned from even a dead end are invaluable. Once they jump into a potential venture, they will really start to understand

the true makeup of a viable venture and more importantly, catch the entrepreneurial bug. Once they try to start their first company, they will be hooked on the thrill, the responsibilities, the potential, the rapid personal growth and the sense of accomplishment that comes along with entrepreneurship."



Laura Ormson ('10)

GRANGER, IND.



Founded *Wear to Win* (weartowin.com) to design, manufacture and sell ladies' golf apparel and activewear; now available in 50 pro shops nationwide.

"As I worked closely with the Wake entrepreneurship office, I learned that building a business is a process which requires high energy, continuous creativity and an abundance of perseverance. It takes so much more than a solid business plan and motivation. You must be patient and able to handle adversity, which can be challenging as a young student. Be prepared to grow up fast! Don't be shy about your ideas — connect with professors and classmates: network, network, network. You will need passion and an incredibly strong belief in your ideas and in yourself. Do a feasibility study so you know your market better than anyone else."



Ali Carroll Price ('08)

SAN FRANCISCO, CALIF.



Founded *Adia* to sell handmade jewelry from Kenya. After graduating with degrees in studio art and communication, she formed a new company, *Lydali* (lydali.com), with Lydia Harter ('08), to sell clothing, jewelry and accessories by artisans from 14 countries in Africa, Asia and Central America. Price is also community marketing manager at *Kiva*, a nonprofit that provides loans to entrepreneurs all over the world.

"With no business experience, I really leaned on the advice of professors and fellow students to teach me about managing financials, scaling, marketing and building a website. I started selling jewelry made with Kenyan beads before we had the operations on the ground fully set up, and I was able to test the market and prove that the product was desirable, as we sold out of jewelry quickly. By the time I was ready to set up our website and fine-tune the manufacturing and distribution, I had a good sense of who our customers were, what quantities we should be producing and what market we should be targeting."



James Beshara ('08)

SAN FRANCISCO, CALIF.

Launched with Professor of Economics Sylvain Boko (P '09), the *Dvelo Fund* (dvelofund.org) to fund student trips to developing countries. Since graduation has founded *develoflies.com* to sell fly-fishing gear, with a portion of the profits going to build wells in developing parts of the world; and *dvelo.org*, a microfinancing site. Now CEO of *Crowdtilt* (crowdtilt.com), an online site that allows groups to raise money for a common cause.



"The two most valuable assets to have as an entrepreneur are trust and a network. You need to be building genuine relationships as early as possible, and genuine relationships are built on trust; trust in your word, trust in your capabilities. More than an idea, more than capital, more than smarts — if you don't have trust and a network (and you need both), you will struggle to get anything substantial done. Advisers to help refine an idea, relationships to help raise capital, recruiting and hiring talented people; these all require trust and a network beforehand. And the reason you need both is because one isn't worth very much without the other."



Scott Graber ('10)

WINSTON-SALEM, N.C.

Founded *Wake Wash*, a laundry service for students. After graduation sold the company to another group of student entrepreneurs who after their graduation sold the company to a third group of student entrepreneurs. Graber is a third-year law student at Wake Forest and part of the *Apps for the Greater Good LLC* team at Wake Forest, developing *Verbal Victor*, an iPhone/iPad app that helps people with disabilities communicate.



Julie Musgrave ('10)

WASHINGTON, D.C.

Musgrave works for *Navigant Consulting*. Smith is a senior marketing associate at *Vistaprint*, an online provider of printed materials for small businesses.

I think the greatest thing *Wake Wash* taught me was the power of perseverance. Not only is starting a business difficult, but operating an established venture also takes a lot of drive and collaboration from a great team. The three of us all had very different but important skills, which helped to keep the business successful. I can't wait to have that experience again with my next business.

-- Eleanor Smith

Eleanor Smith ('10)

BOSTON, MA.





Brevorka
(JD '08)



Grace
(JD '10)

Chris Paul was on a gold medal U.S. men's basketball team for the second time at the 2012 Summer Olympic Games in London. Read more on the magazine website (go.wfu.edu/mfj).

Taylor Elizabeth Sparks received her PhD in industrial-organizational psychology from The University of Georgia. She is a research scientist with Human Resources Research Organization in Alexandria, VA.

Elizabeth Summerell (MSA '08) is audit manager with Reznick Group PC in Tysons Corner, VA.

2008

Jillian E. Brevorka (JD) practices trust and estate planning, and administration and litigation, with Brevorka Law Firm PC. She received the Charles F. Blanchard Outstanding Young Lawyer Award of the Year from the Young Lawyers Division of the N.C. Bar Association.

Sam Cronin is a midfielder with the San Jose Earthquakes soccer team in Santa Clara, CA.

Darren Lindamood (JD '11) is an attorney with Fulbright & Jaworski LLP in Houston.

Stowe Nelson was nominated for a Drama Desk Award for Outstanding Sound Design for his work on "Samuel & Alasdair: A Personal History of the Robot War." He has designed world-premiere works for the Women's Project, SITI Company and Dance Exchange. Read more on the magazine website (go.wfu.edu/d65).

Ali Carroll Price and **Lydia Harter** launched an online store, Lydali, based in San Francisco, selling jewelry, accessories and home furnishings made by artisans around the world (lydali.com).

Webb Simpson won the U.S. Open Championship Golf Tournament at the Olympic Club in San Francisco.

Jessica Vogel received her MFA from Massachusetts College of Art and Design with a focus on three-dimensional art and sculpture. She was named one of "Six to Watch" by The Boston Globe. Read more on the magazine website (go.wfu.edu/hqr).

2009

Michelle Kasold was on the U.S. field hockey team at the 2012 Summer Olympic Games in London. Read more on the magazine website (go.wfu.edu/mfj).

Claire Laubach was on the U.S. field hockey team at the 2012 Summer Olympic Games in London. Read more on the magazine website (go.wfu.edu/mfj).

Madeline Martin teaches geometry and pre-calculus at her alma mater, Harpeth Hall School in Nashville, TN. She was one of 34 new math and science teachers nationwide awarded a prestigious teaching fellowship by the Knowles Science Teaching Foundation Fellowship. She will meet with other fellows for conferences, workshops and support and will receive a monetary award to help supplement her professional development.

Sam Smartt went to Zambia with Chi Rho, Wake Forest's Christian male a cappella group, to capture their journey on video. Read more on the magazine website (go.wfu.edu/953).

Ruilu Wang (LLM, JD '11) has relocated to Shanghai, China, to work with a law firm on mergers and acquisitions.

Mary-Hollis Williams is combining her love for production, music and entertainment as a music coordinator for "The Late Late Show with Craig Ferguson" on CBS. She traveled with the show to Scotland for a week's worth of show tapings that aired in March.

2010

Toni J. Grace (JD) is an associate in the business bankruptcy and insolvency group of

Blanco Tackabery & Matamoros PA in Winston-Salem.

Brent LaRue ran the 400m hurdles for Slovenia during the 2012 Summer Olympic Games in London. He and his wife, **Ana Jerman ('09)**, live in Slovenia. Read more on the magazine website (go.wfu.edu/mfj).

Gavin P. Smith completed the history degree in 2010 that he began at Wake Forest in 1995 and is pursuing an MBA at the College of William & Mary Mason School of Business. He is in the dual-degree program pursuing an additional master's in global management with the Thunderbird School of Global Management. He is president of the William & Mary MBA Association and a student analyst for the Frank Batten Investment Fund.

2011

Anna Marie Carr has been named development manager for the Piedmont Triad Chapter of the Juvenile Diabetes Research Foundation.

Shoko Fujita (LLM) is with the legal department of Japan Tobacco.

Severine Loew (LLM) is a transaction lawyer with the mergers and acquisitions team of Linklaters LLP in Frankfurt, Germany.

Ike Opara is a defender with the San Jose Earthquakes soccer team in Santa Clara, CA.

Lizzy Thomas received an internship in arts administration in a nine-month program with the Actors Theatre of Louisville's Apprentice/Intern Company in Kentucky.

Michael Whatley received an internship in administration in a nine-month program with the Actors Theatre of Louisville's Apprentice/Intern Company in Kentucky.

2012

Al-Farouq Aminu helped Nigeria earn its first-ever Olympic berth in basketball for the 2012 Summer Olympic Games in London. Read more on the magazine website (go.wfu.edu/mfj).

Philipp Campestrini (LLM) is a junior associate with a business law firm in Zug, Switzerland.

Thierry Huber (LLM) is a junior associate with a small law firm in Zurich, Switzerland.

Kopkej Oupapatig (LLM) is a government corruption suppression officer at the Office of the National Anti-Corruption Commission in Bangkok, Thailand.

Marriages

James A. "Tony" Powell ('79) and Trena Lee Perez. 6/23/12 in Elkridge, MD.

David Styers ('92) and David Livingston. 5/18/12 in Washington, D.C., and 5/19/12 in Annadale, VA. Susan Brooks (MAEd '69) was a co-officiant. The wedding party included David Baker ('92), Christopher Cooper ('96) and Will Hawk ('93).

Allison Kiehl ('97) and Denny Beck. 5/26/12 in Gastonia, NC. They live in Hamburg, PA.

Vidya G. Prakasam ('99) and Shankar Sellappan. 7/7/12 in Fort Lauderdale, FL. They live in Baltimore.

Aaron Grose ('00) and **Laura Smith ('00)**. 6/23/12 in Ellicott City, MD. The bride's mother is Deborah Pease Smith ('75). The wedding party included Abby Dickinson Brooks ('02, MSA '03).

Emily Annette Stoots ('00, MSA '01) and Ryan Fagan. 4/21/12 in Lexington, KY. They live in Atlanta. The wedding party included Allison Clark Bates ('00) and Betsy Woodruff Skelton ('00).

Rachael V. Lewis ('01, JD '07) and **David K. Anna (JD '07)**. 6/16/12 in Cashiers, NC. They live in Greenville, SC. The wedding party included Elise Agrella ('01), Bailey Pham ('02, MSA '02), Katherine Winstead Suttle ('04, MD '09), Emily Taggart ('03) and Rafael Urquia (JD '07).

Betsy Pfaff ('01, MSA '02) and Erich Regber. 6/9/12 in Chester, NJ. They live in Basking Ridge, NJ. The wedding party included Cassie Rich ('01, JD '04).

Jessica Robyn Sheets ('01) and Joseph Taylor Pika. 5/28/11 in Baltimore. They live in

MAKE A CONNECTION

Thousands of alumni are already sharing career advice with students through the new LinkedIn group, Wake Forest University Career Connectors. You can, too.



- ▶ Provide advice to students interested in your career field
- ▶ Offer suggestions to students looking for opportunities in your city
- ▶ Give tips on how students can locate opportunities with your employer
- ▶ Serve as a resource for students who are preparing for their interviews

Participating in the group is easy and only takes a few minutes. Log in to your LinkedIn account and type "Wake Forest University Career Connectors" in the group search field. Click "join" to begin making a difference for students.

Falls Church, VA. The wedding party included Erin McCabe ('02) and Melissa McCabe Mellor ('00, MAEd '01).

Linda Marie Baugher ('03, MSA '04, JD '07) and Dennis Michael Malone. 7/7/12 in New Bern, NC. They live in Burlington, NC. The wedding party included Jahda Batton Hill ('03), Jessica Kunze Howard ('03) and Shantel Boone Walter (JD '07).

Leigh Ann Miles ('03) and Chad Robert Jackson. 4/14/12 in Richmond, VA. They live in Nashville, TN. The wedding party included Cassandra Baughman ('03), Cristal Brown ('03), Monica Somerville Geddis ('04) and Jennifer Kinney ('03).

Will Lloyd ('04) and **Callie Alley ('05)**. 5/5/12 in Folly Beach, SC. They live in New York.

Emily Coulter ('05) and Chris Harrington. 2/18/12 in Atlanta, where they live. The wedding party included Casey Watkins Liadis ('06, MSA '07) and Laurie Dimmock Nappier ('04).

Kimberly Ann Heffernan ('05) and Trevor Stuart Williams. 5/12/12 in Clifton, VA. They live in Chicago.

Christopher Jordan Koschnitzky ('05) and **Jenna Elizabeth Schuster ('05)**. 7/7/12 in Greenwater, WA.

Richard Sola ('05) and **Retta Franklin ('05)**. 2/4/12 in Atlanta. They live in Chapel Hill, NC. The wedding party included Tara Pardue Lackey ('05) and Aaron McGrath ('04).

Kristen Carol Hauser ('06) and **Gerard McMahon ('07)**. 4/15/12 in Mountainside, NJ. They live in Miami. Former Wake Forest Catholic Campus Minister Father Jude DeAngelo officiated. The wedding party included Andrew Ireland ('07) and James Vizthum ('07).

Ryan Knoblauch ('06) and Bethany Smocer. 7/9/11 in Pittsburgh. They live in Arlington, VA. The wedding party included John Engel ('05).

Kristen Preczewski ('06) and Pete Gilbert. 4/14/12 in Duluth, GA. The wedding party included Julie Fulp Casey ('06) and Michael Preczewski ('07).

Melissa Virginia Price ('07) and Blake Murray Elder. 5/5/12 in Durham, NC. They live in Stamford, CT. The wedding party included Kelly Futrelle ('07).

Brian Clovis Clark ('08) and **Kristin Marie Tripoli ('08, MSA '09)**. 6/2/12 in Ipswich, MA. They live in Norwalk, CT. The wedding party included Kathryn Arancio ('08, MSA '09), Lauren Kitson ('08, MSA '09) and Brian Switzer ('08).

Devin Phipps ('08) and **Ashley Graham ('08, MAM '09)**. 6/2/12 in Salisbury, NC. They live in Winston-Salem. The wedding party included Collin Drolet ('08), Patrick Hayes ('08), Jennifer Huber ('07), Tracy Ikola ('08), Susan Kozelka ('08), Daniel Marconi ('06), Casey Mull ('06), Chelsea Mullarney ('08), Michael Oates ('08), Amy Owen ('08), Krishna Pamulapati ('08), Shane Thompson ('08), Michael Ung ('08, MSA '09) and Michael Williams ('06).

Heeyoon Danny Choi (LLM '09) and Eunmi Shin. 1/7/12 in Daejeon, South Korea.

Ben Helsabeck ('09) and **Hannah Masimore ('09)**. 3/10/12 in Palm Beach, FL. They live in Lauderdale by the Sea, FL. The wedding party included Joe Boylan ('09, MAM '10), Matthew Braley ('09), Amy Hempel ('09), Brian Holtz ('09), Jayne Lewis ('09), Jessica Nathan ('09), Brett Noble ('09), Timothy Powers ('09) and Kelsey Swingle ('09).

Wesley Riley ('09) and **Catherine Coelho ('10, MA '12)**. 6/2/12 in Hilmar, CA. They live in College Station, TX. The wedding party included Chelsea Bolton ('10), Will Cox ('09), Jordan Kennedy ('09), Sean Pifer ('09, MA '11), Mikaela Pinzl ('10, MSA '11), with vocals by Leah Wagner-Stout ('10).

Brian Staudt ('09) and **Brianna Pellicane ('09)**. 4/28/12 in East Brunswick, NJ. They live in New York. The wedding party included Wake Forest junior Bridgitt Staudt, Jacob Hempen ('09), Catherine Hufnagel ('09), Sarah Kropp ('09), Colleen Maciag ('09), Christopher McCormick ('09), Lynne Wilson Sade ('08), Christopher Semones ('09) and Ryan Tunis ('09).

Births and Adoptions

Troy R. Jackson Jr. ('82) and Kristie Jackson, Raleigh, NC: a son, Welles David. 5/18/12. He joins his brothers, Trey and Reid, and sisters, Katie and Parker.

John F. McCune ('84, JD '87) and Holly McCune, San Antonio, TX: a son, Ryder Lee. 6/15/12

Jon Wade Myers ('88, JD/MBA '92) and Eryn Myers, Lexington, NC: a son, Druid Wade. 9/7/11. He joins his sister, Grace Leigh (10).

Catherine Edwards Sanders ('95) and Wallace Sanders, Falls Church, VA: a daughter, Lucy Taylor. 10/20/10. She joins her sister, Caroline (4).

Kyle Mason Snipes ('95) and Melissa Snipes, Atlanta: a daughter, Molly Elizabeth. 12/20/11. She joins her sister, Megan (2).

Andy Wells ('95) and Missy Wells, Rose Hill, NC: a daughter, Lillian James. 12/9/11

Grant Morrison ('96) and **Amanda McGrady Morrison ('97)**, Boston, MA: a daughter, Caroline Grace. 9/25/11. She joins her brother, Connor (4).

Mark Lynn Schofield ('96) and **Teresa Dingboom Schofield ('97)**, Alexandria, VA: a son, Harold Evans. 12/6/11. He joins his sister, Caroline Helen (3).

Roberta King Latham ('97, JD '02) and William Ellis Latham II, Winston-Salem: a son, William Ellis III. 12/11/11

Xandra Timmermans Moran ('97) and Tim Moran, Atlanta: a daughter, Isabel Catharina. 2/25/12. She joins her sister, Emily (17 mos).

Elizabeth Thalhimer Smartt ('98) and Ryan Smartt, Richmond, VA: a son, Ethan William. 4/2/12. He joins his sister, Lyla Morgan (5).

Erin Wuller ('98) and Paul Jursinic, Chicago: a son, William Edward. 7/6/12

Scott Alvey ('99) and **Brantley DuBose Alvey ('02)**, New York: a daughter, Olivia Michele. 4/1/12

James Bell Black IV (JD '99) and Shanah Black, Raleigh, NC: a son, Robert James. 7/11/12

Dustin Lyman ('99) and **Kelly Wolff Lyman ('99)**, Louisville, CO: a daughter, Naomi Lark. 5/3/11. She joins her sister, Olivia (5), and brother, Wyatt (3).

Jason Talmadge Penry ('99, MS '01) and **Julie Eling Penry ('00)**, Corvallis, OR: a son, Leon Talmadge. 5/25/12

Melissa Michel Rubi ('99) and Dionisio Rubi, Bridgeport, WV: a daughter, Lucia Michel. 5/29/12. She joins her sisters, Sofia (7) and Stella (4).

Wendy Schriever Vogl ('99) and Tom Vogl, Winston-Salem: a daughter, Sara Marie. 5/20/12. She joins her brothers, Joshua (5) and Matthew (2).

Rufus Byron Brown IV ('00) and **Jennifer Bays Brown ('01)**, Charlotte, NC: a son, Byron V. 4/16/12. He joins his sister, Taylor Madison (3).

Jennifer Cianelli Cooper ('00) and **John Ridgely Cooper Jr. ('01)**, Charlotte, NC: a son, Maxwell Ridgely. 1/30/12

Mark Dixon Crum ('00) and **Jessica MacCallum Crum ('01)**, Charlotte, NC: a son, Griffin Davis. 3/31/12

Jim Fitzpatrick ('00) and Jenn Fitzpatrick, Alexandria, VA: a daughter, Caroline Mary. 5/17/12

Frederic Joly (LLM '00) and Justine Joly, Issy Les Moulineaux, France: a son, Quentin. 6/7/11

Sarah Yaramishyn Nolin ('00) and Mike Nolin, Atlanta: a son, James William. 1/31/12. He joins his sister, Sydney (3).

Todd Ohlandt ('00) and **Kerri McFarland Ohlandt ('00, MAEd '06)**, Atlanta: a son, Isaac Joseph. 4/5/12. He joins his brother, Hugh (18 mos).

Steven Antini (JD '01) and Amy Antini, Cary, NC: a son, Marcello Joseph. 7/13/12

Marcia Eaddy Baker ('01) and Scott Richard Baker, Greenville, SC: a daughter, Darby Lane. 5/10/12. She joins her brother, Charlie (3), and sister, Natalie (2).

Rob Cassell ('01) and **Kirstin Johnson Cassell ('01)**, Greensboro, NC: adopted a 15-month-old son from Ethiopia, Amanuel Robert. 8/8/11. He joins his brother, Riley (5), and sister, Allyn (3).

Emory Perryman Lydick ('01) and Chris Lydick, Cary, NC: a son, Christopher Nash. 3/26/12

Sara Shaw Nicholas ('01) and Peter Nicholas, Philadelphia: a son, Alexander Anthony. 2/17/12. He joins his sister, Sidney (2). Marianna Shaw Harmon ('06) and Janet Weir Shaw ('75, P '02, '06) were present for the delivery.

JACK SHEARIN ('50): BUILDING HOPE, ONE RAMP AT A TIME

By Kerry M. King ('85)

Once a week for the last dozen years, Jack Shearin ('50) and his merry band of volunteers have spread hope and freedom across Forsyth County with treated lumber and plywood.

Shearin and a group of mostly retired volunteers have carved out a niche by providing a critically needed, if often overlooked, service: building ramps at the homes of the disabled. They've built more than 600 ramps in the last 12 years, or about one every single week.

For the folks who have benefited, a ramp offers a lifeline to the outside world. The spry 84-year-old Shearin makes it all happen, coordinating the jobs and volunteers. "He cares about people," says Ben Fyten, who, at 41, is the youngest volunteer by far. "He wakes up in the morning ready to serve people."

Shearin's group, Serving our Savior, started as an outreach program of First Baptist Church in Winston-Salem to provide general handyman services to those in need. The late John Jordan Jr. ('64) helped found the group, but Shearin became its leader and focused its efforts on building ramps because of the need. It's now a separate organization with its own nonprofit status. Clients pay for part of the materials' cost of a ramp, with donations making up the remainder.

Labor is joyfully donated by Shearin and his volunteers, including Dan Kinney ('61), Bob Edwards ('61) and David Matthews ('62) and retired mathematics professors John Baxley (P '91, '92) and Elmer Hayashi (P '90, '90). "To help others, from teenagers with Down Syndrome to those in their 90s suffering from age-related disabilities, this is a small way to put into practice the Pro Humanitate motto of Wake Forest and the principles of Christianity," says Kinney.

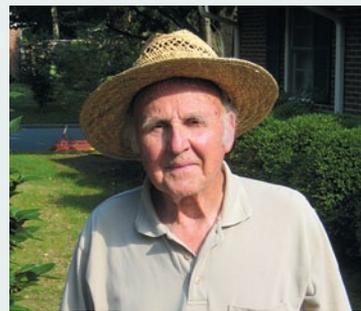
Shearin has lived in Winston-Salem since going to work for Piedmont Federal Savings Bank two days after graduating from the Old Campus. He remained with the bank his entire career — 43 years — and served as chief financial officer for 25 years.

He retired 20 years ago, but he says that's no reason to lie around the house. He volunteered in eastern North Carolina after Hurricane Floyd and in Mississippi after Hurricane Katrina. "I don't remember ever in my retirement years not having something to get me out of bed in the morning."

Every Tuesday, that means getting up at 5 a.m. to head to a job site. On a Tuesday in mid-June, Shearin and

the other volunteers met before 7 a.m. at the home of an 85-year-old disabled woman in northern Winston-Salem. The woman's daughter and a neighbor had been carrying the woman in her wheelchair down eight steps for weekly doctor's visits. Unless you've been in that situation, you've probably never given much thought to a wheelchair ramp, Shearin says.

Shearin had already scouted the job and designed the ramp, which, at 48 feet, will be one of the longest they've built. Building a ramp isn't as easy as throwing down a few boards; it requires know-how that he's acquired over the years.



Jack Shearin ('50): Caring for people.

The volunteers dig post holes, install support posts, lay down decking and sheets of plywood for the flooring and install handrails. Although his doctor has urged him to cut back on

some of the more physical parts of the job, Shearin swings a hammer, operates the saw and hauls boards and plywood up the ramp.

He takes great pride in carefully installing a small black sign noting the group's work: "Making a difference in the name of Jesus." The opportunity to make a difference in people's lives "by helping the handicapped better cope with their disability and to use the gifts that I possess in rendering service to those persons who are less fortunate than I am" are his rewards, he says.

As volunteers pile tools and leftover lumber into their trucks, Shearin gets down on his hands and knees to saw off a piece of metal protruding from the house's front porch where it connects with the ramp. When asked if he's a perfectionist, Shearin replies, well, if it's something that can be fixed, they should fix it.

That seems to be his philosophy for helping others, as well. "When you see the great need, as we do, for these ramps, and you see the difference we make in the lives of the clients and their caregivers, and we know that we can meet that need, how can one not respond to such need?"

L. Tucker Ryan Pearson ('01) and Jonathan David Pearson, Pike Road, AL: a daughter, Caroline Rebekah. 4/26/12. She joins her sister, Matilda Kaye (3) and brother, David Edward (21 mos).

Richard Preston Wendell ('01) and **Sarah Dixon Wendell ('02)**, Mt. Pleasant, SC: a son, Elliott James. 5/10/12. He joins his brother, Taylor (2).

Pete Bromaghim ('02) and **Erin Connors Bromaghim ('02)**, Redondo Beach, CA: a daughter, Paige Iris. 6/5/12

Traci Hale McDuffie ('02) and Daniel McDuffie, Woodstock, GA: a daughter, Reese Morgan. 6/8/12. She joins her brother, Grant Carter (4).

Jennifer A. Zile Mock ('02) and Thomas Mock, Clayton, NC: a son, Emmitt Walker. 3/20/12. He joins his brother, Patrick (2).

Laura Rose Neelon ('02) and Josh Neelon, Winston-Salem: a daughter, Evelyn ChapPELL. 1/29/12. She joins her sisters, Lucy (7) and Alice (5).

Joseph Reid Pickett ('02, MSA '02) and **Alison Reigle Pickett ('02)**, San Francisco: a daughter, Willa Kate. 4/2/12

Kimberly Morgan Shartar ('02, MSA '03) and Jonathan Shartar, Alexandria, VA: a daughter.

Christopher Lee Barnes ('03) and **Melanie Bonnem Barnes ('04, MSA '05)**, Downers Grove, IL: a daughter, Stella Alison. 4/24/12. She joins her brother, Cameron.

Nicole Berry Gottfried ('03) and **Christopher Gottfried ('04)**, Winston-Salem: a daughter, Grace Berry. 5/1/12

Stacy Kay Hurley ('03, JD '06) and **Ryan Christopher Hurley (JD '06)**, Warwick, RI: a son, Finn Jennings. 6/18/12

Christopher Niels Jensen ('03, MBA '09) and **Brigid O'Donnell Jensen ('03)**, Frisco, TX: a daughter, Marleigh Marie. 2/3/12

Robert Bingham Powell ('03) and Christine Zeller-Powell, Eugene, OR: a daughter, Elizabeth Grace. 3/29/12

Jennifer Needham Scanlan ('03) and Jay Scanlan, London: a daughter, Josephine. 4/28/12

Christopher J. Schneider ('03, MSA '04) and **Emily Saunders Schneider ('03)**, New Orleans: a son, Tucker Ray. 4/24/12. He joins his brothers, Samuel James (4) and Mackay Owen (2).

Christopher Montgomery Vogel ('03) and Jennifer Vogel, Charlotte, NC: a son, Carter William. 4/23/12

Brian Perry ('04) and **Melissa Artigue Perry ('04)**, Chapel Hill, NC: a son, Jacob Lee. 4/13/12

Chris Reilly ('04) and **Megan Crotsley Reilly ('04)**, Doylestown, PA: a son, Caleb Thomson. 4/27/12

Aaron Blades ('05) and **Margaret Bussmann Blades ('06)**, Philadelphia: a daughter, Eliana Katherine. 12/22/11. She joins her brother, Ezra (3).

Samuel Chacon (LLM '05) and Ines Vargas Christlieb, Mexico City: a daughter, Maria. 1/25/12

Kyle Kraner ('05) and Severina Kraner, Columbus, OH: a daughter, Leighton Eveline. 5/30/12

Natalie Freeland Lodato ('05) and **Richard Francis Lodato ('06, MSA '06)**, Charlotte, NC: a daughter, Lia Grace. 10/27/11

Ayca Konuralp Acikel (LLM '06) and Onur Acikel, Izmir, Turkey: a son, Ege. 10/9/11

Brian Beglin ('06, MSA '06) and **Caroline Adkisson Beglin ('06, MAEd '07)**, Charlotte, NC: a son, Travis Winston. 3/23/12

Shannon Philmon Ritchie ('07) and Carl Ritchie, Durham, NC: a son, Stuart Jack. 4/10/12

William Joel Sharrer (JD '07) and Lindsay Sharrer, Parker, CO: a daughter, Avery Elizabeth. 5/15/12

for 16 years and was on the board of trustees for Wingate University where he received the 1998 Distinguished Alumnus Award. Perry celebrated his 100th birthday in January 2012. He was recognized as Wake Forest School of Medicine's oldest living alumnus and was named an honorary member of the class of 2014. He was honored by the Medical Alumni Association for his lifetime of service and leadership. Perry was preceded in death by his wife of 69 years, Ruth; a son, Joel; and his brothers, **Percival Perry ('37)**, a longtime professor of history at Wake Forest, and **Jeremiah Buchanan Perry ('39)**.

Hugh Wagner Irely ('35), June 18, 2012, Annapolis, MD. He was a major in the U.S. Army Air Force Medical Corps. He and his brother shared a family medical practice for more than 40 years.

Alvah Powell Whealton Sr. ('35), May 6, 2012, Winston-Salem. He was a veteran of World War II and owned a drug store in Black Creek, NC. Whealton worked for Sears in Wilson and Greensboro, NC.

Earl Lester Hansell (JD '36), Jan. 18, 2012, Longwood, FL.

James W. Dale Jr. ('37), June 24, 2012, Adel, GA. He was the owner and operator of warehouses in three states, including Cook Co. Warehouse.

Ralph Terrell Horton Sr. ('37), July 11, 2012, Wrightsville Beach, NC. He served in the N.C. National Guard and worked at Ethyl Dow Co. during World War II. In 1957 he opened Horton Iron and Metal where he worked with his sons until his retirement in 2007.

Otis Woodrow Pittman ('37), July 28, 2012, Ahoskie, NC. He served in the U.S. Army and was an optometrist in Ahoskie for 40 years. Pittman was a member of many bands including the Dorsey brothers, Jack Teagarden, Benny Goodman, Southernaires and a Dixieland jazz group, playing the tenor sax. He was preceded in death by his wife of 61 years, Rachel. Pittman is survived by two daughters, Amy Braswell and **Betsy Overton ('73)**; four grandchildren; and a great-granddaughter.

Charles Glasgow Butts Sr. ('38, JD '42), May 26, 2012, South Hill, VA. He served in the U.S. Army during World War II. Butts was mayor of South Hill from 1949 to 1955,

Deaths

William Louis Perry ('34, MD '36), May 6, 2012, Chesterfield, SC. He was a family physician for 48 years. Perry and his brother, **Jerry ('39)**, established the Perry Clinic in 1954. He served on the board of education for the Chesterfield County school district

JOHN G. MEDLIN JR. (LLD '90)

John G. Medlin Jr., one of the most respected bankers in the country, an active civic leader and a former chair of Wake Forest's Board of Trustees, died on June 7. He was 78.

Medlin served four terms on the Board of Trustees, beginning in 1986, and chaired the board in 1994-95 and 1998-99. He was named a Life Trustee in 2004.

Along with Arnold Palmer ('51) and the late Wayne Calloway ('59), Medlin co-chaired the University's Heritage & Promise capital campaign in the 1990s. He received an honorary doctor of laws degree in 1990.

In addition to his service on the Board of Trustees and the Medical Center's Board of Visitors, he generously supported the Medlin Scholarship for undergraduates, the Medlin Masters in Management Scholarship, WFDD and Reynolda Gardens.

Medlin grew up in Benson, NC, and graduated from the University of North Carolina. After serving in the U.S. Navy, he joined Wachovia Bank and Trust Co. in 1959. He rose through the ranks to become president and chief operating officer in 1974. In 1977, he was elected president and CEO of Wachovia Corporation.

He led Wachovia's growth from a regional banking firm to one of the top 25 banks in the country. He received American Banker's award as the most admired CEO in banking in 1991 and 1992 and its lifetime achievement award in 2002. Financial World magazine recognized him in 1990 as the top chief executive for Southern banks during the 1980s and as the best CEO in the nation in 1993.

He stepped down after 17 years as CEO in 1994 but remained on the Wachovia board until 1998. He was inducted in the N.C. Business Hall of Fame in 1995 and the N.C. Banking Hall of Fame in 2004.

Wake Forest's motto of Pro Humanitate fit well with Medlin's personal philosophy as he helped lead the University in the 1980s and 1990s. "My involvement with Wake Forest comes because I try to be a caring person and put something back into the society that has been generous and kind to me," he said in 1989.

He is survived by his wife, Pauline; daughters Elizabeth Hale and Ridgely Phillips; and five grandchildren, including Thomas Hale, a junior at Wake Forest.

was the town attorney and a member of the Zoning Board of Appeals. He was a retired senior partner of Butts & Butts Attorneys. Butts was preceded in death by three sisters and a brother, **James Alfred Butts Jr. ('33, P '69)**. He is survived by his wife of 60 years, Penny; two children; and four grandchildren.

John Milton Jenkins Sr. ('38, MAEd '49), June 22, 2012, Franklin, VA. He taught at Murfreesboro and Pentego high schools, was a principal at Murfreesboro High School and assistant superintendent and then superintendent with Hertford County Schools, where he retired in 1978. The Chowan University Sports and Fitness Center was named for him and the Murfreesboro Exchange Club honored him with the Book of Golden Deeds Award for his community service. Jenkins was preceded in death by his wife of 62 years, Josephine. He is survived by his son, **John M. Jenkins Jr. ('73)**, and his wife, Catherine; three grandchildren; and one great-grandchild.

Gilbert Murray Potter ('38), July 5, 2012, Beaufort, NC. He served as director of staff communications during World War II and received the Bronze Star. Potter was owner/operator of an insurance agency and a member of the Beaufort Historical Association and Beaufort Urban Renewal.

George Wesley Corbin Jr. ('39, MD '41), June 21, 2012, Raleigh, NC. He served in the U.S. Army during World War II and in the U.S. Air Force during the Korean War. Corbin practiced medicine in the Wake Forest, NC, area for more than 40 years and retired in 1985. He received the N.C. Order of the Long Leaf Pine. Corbin is survived by his wife, Simone; three daughters; two stepchildren; six grandchildren; and a brother, **Landon Lyon Corbin ('40)**.

Jeremiah Buchanan Perry ('39), April 19, 2012, Chesterfield, SC. He served in the military and entered the Medical University of South Carolina in 1948. Perry and his brother,

William ('34, MD '36), established the Perry Clinic in Chesterfield, SC, in 1954. He was preceded in death by his brother, **Percival Perry ('37)**. His other brother, **William Louis Perry ('34, MD '36)**, died May 6, 2012. He is survived by his wife of 69 years, Helen; a son; four daughters; five grandchildren; and three great-grandchildren.

Harold L. McManus Sr. ('41), July 24, 2012, Macon, GA. He served as a chaplain in the U.S. Navy during World War II and was a retired captain in the Naval Reserves. McManus taught from 1949 to 1985 at Mercer University and was the Christianity department's Roberts Chair of Church History. He was a pastor for rural churches in Middle Georgia, taught several summers at the Naval Chaplains School and was a volunteer English teacher to Chinese students at Guangxi University in China.

Norman Sherman Drake ('42), June 28, 2012, Niceville, FL. He died a few hours

before his wife of 68 years, Adelaide, died. Drake left Wake Forest in 1942 to join the Army Air Force and later graduated from the University of Rochester. He served in the Air Force for 37 years and was involved in flight test programs at various bases. In the 1970s, Drake was chief of staff of the Armament Development and Test Center at Eglin Air Force Base in Florida. After retiring from the Air Force in 1979, he was a consultant for several aerospace corporations.

Roy Augustus Miller Jr. ('42), July 16, 2012, New Bern, NC. He received his DDS from the Medical College of Virginia and was a dentist in New Bern for 55 years. After retirement, Miller served in the dental unit of the Craven County Health Department.

John Thomas Nichols Jr. ('42), July 15, 2012, Mount Airy, NC. He served in the U.S. Navy and ran Nichols Clothing in Mount Airy for more than 40 years.

Paul Byron Wyche ('42), July 2, 2012, Hallsboro, NC. He spent nearly 60 years as general manager of Pierce & Company's Freeman and Delco operations. Wyche was preceded in death by his wife, Maud; two brothers, **Graham Clark Wyche ('39)** and **Cyril James Wyche ('48)**, who died in February; a sister; and a daughter. He is survived by two sons, Paul and Jim; a brother, **Donald Brett Wyche ('54)**; and a sister.

John Rufus Ausband (MD '43), May 13, 2012, Beaufort, SC. He was professor emeritus of otolaryngology at Wake Forest School of Medicine. Ausband was an assistant resident in surgery at N.C. Baptist Hospital, served in the U.S. Army Medical Corps and practiced medicine in Denton, NC, in the 1940s. He was preceded in death by his wife of 59 years, Geraldine; two sisters; and two brothers, Henry Ausband and **Frank Crowell Ausband ('47, JD '48)**. Ausband is survived by two daughters, Leigh Ausband and **Ann A. McDuff ('74)**; four grandchildren; two great-grandchildren; a sister; and three brothers: **Samuel Palmer Ausband ('50)**, David Ausband and **Robert William Ausband ('49)**.

James Allen Crisp Jr. ('43), June 11, 2012, Williamsburg, KY.

Errol Kemp Reece ('43), July 6, 2012, of Greensboro and Burlington, NC. He served in the U.S. Navy during World War II. Reece

was vice president and former branch manager of Interstate/Johnson Lane. He retired in 1999 as vice president of J.C. Bradford Investment Firm. Reece was preceded in death by his first wife, Mildred, and a son, **E. Kemp Reece Jr. ('81)**. He is survived by his wife of 30 years, Janie; a daughter, Anne; four grandchildren; three stepchildren; and six stepgrandchildren.

Alvis Monroe Whitted ('44), April 17, 2012, Lyman, SC. He served in the U.S. Marine Corps and graduated from Southwestern Baptist Theological Seminary. Whitted was an evangelist and pastor for more than 60 years and established the first Christian bookstore in Charleston, SC.

Lonnie Ross Brock Jr. ('45), June 29, 2012, Greensboro, NC. He served as a Baptist missionary for 25 years in Northern Brazil. Brock was director of missions for the Green River Association in Rutherfordton, NC, and pastor of Hunton Baptist Church in Glen Allen, VA.

June Freeman Boggs ('46), April 10, 2012, Richmond, VA. She is survived by two children, Bettye Currin and Rhett Dove; two grandsons, **Robert Carl "Bert" Kemp III (JD '96)** and Travis Kemp; five great-grandchildren; and two brothers.

Wayne Ashley Peterson ('46), June 28, 2012, Boone, NC. He served in the U.S. Army Air Corps during World War II. Peterson was an electrical engineer for General Electric, a plant manager for Cornell Dubilier Electronics and CEO of Superior Electric, where he retired in 1987. He was preceded in death by two sisters, Verna P. Howard and **Lela P. Prevatte ('46)**, and four brothers. Peterson is survived by his wife, **Venita Caudill Peterson ('46)**; two sons; two daughters; 11 grandchildren; nine great-grandchildren; and a brother.

John James Caulfield ('47), June 17, 2012, Vero Beach, FL. He served in the U.S. Army during the Korean War. Caulfield was a detective with the N.Y. City Police Department, a staff assistant to President Richard Nixon and assistant director of the Bureau of Alcohol, Tobacco and Firearms.

John P. Henderson Jr. ('47, MD '51), June 19, 2012, Kinston, NC. He served from 1941 to 1944 with the N.C. Highway Patrol and

after completing college had a residency at Watts Hospital in Durham, NC. Henderson was in general practice in Onslow County for eight years before specializing in urology. In 1964 he formed Kinston Urological Associates, where he practiced until 2004.

Clifton Leon Allen ('48), May 16, 2012, Asheboro, NC. He was a retired director of human resources with Burlington Mills.

Thomas Woodrow Woodall ('48), May 7, 2012, Atlanta. He served in the U.S. Army and practiced law in Atlanta until his retirement.

Cyril James Wyche ('48), Feb. 25, 2012, Mooresville, NC. He was preceded in death by a brother, **Graham Clark Wyche ('39)**. His brother, **Paul Byron Wyche ('42)**, died July 2, 2012. Wyche is survived by a brother, **Donald Brett Wyche ('54)**.

Richard Bernice Fields ('49), July 27, 2012, of Raleigh, NC, and Greer, SC. He served in the U.S. Air Force during World War II and after 38 years of service retired from the N.C. Department of Insurance as deputy commissioner of the Field Audit Division. Fields is survived by a daughter, **Susan F. Ferrell ('78)**, and one grandson.

James Howard Godsey ('49), July 15, 2012, Salt Lake City, UT. He served in the U.S. Army during World War II and received his MS in chemistry from Duke University. Godsey was a scientist with Hercules Powder Co. for 41 years.

Jack H. Hughes Jr. ('49), July 23, 2012, Winston-Salem. He served in the U.S. Navy during World War II and was a long-time employee with Nationwide Insurance. Hughes was preceded in death by his wife of 55 years, Frances. He is survived by three children, Jane, Jack II and **Betsy H. Welker (MBA '85)**, and two grandchildren.

Marvin Eugene Norman ('49), June 5, 2012, Greensboro, NC. He served in the U.S. Army during the Korean War. Norman was an insurance instructor and had an agency, Secon Brokers.

Bruce Robert Pulliam ('49), July 8, 2012, Murfreesboro, NC. He served in the U.S. Army and received his master's in history from Western Carolina University. Pulliam

MARY FRANCES ROBINSON

By Kerry M. King ('85)



Mary Frances McFeeters Robinson, who taught French literature and grammar for nearly 40 years and took numerous students to study in Dijon, France, died on July 31 in Winston-Salem. She was 93.

Robinson, a professor of Romance languages, retired in 1989. She was a pioneer, recalled Provost Emeritus Edwin G. Wilson ('43). She was the first female faculty member

to have a doctorate and the first female department chair. She and the late Professor of English Elizabeth Phillips were the first two women to attain the rank of full professor.

Robinson helped establish the study-abroad program in Dijon, France, through the University of Burgundy, and she took students there seven times beginning in 1972. She was committed to "the teaching of French and learning of French overseas," Wilson said. "That may sound commonplace now, but that was not a common thing on the Old Campus or in the early years on this campus."

Robinson came to Wake Forest as a temporary instructor in 1952 but soon found a permanent home in the Romance languages department, first teaching Spanish and later French literature, grammar and 20th-century French drama. When she retired in 1989, a story in Wake Forest Magazine honored her long service and dedication: "A line in the Wake Forest almanac best describes Mary Frances Robinson's tenure on the faculty: 'constant and true.'"

She was married to Paul Robinson, a professor of music and longtime organist for Wake Forest Baptist Church; he retired in 1977 and died in 2007.

A native of Ithaca, N.Y., Robinson spent most of her childhood in Egypt, where her father was a missionary. She graduated from Wilson College in Pennsylvania and taught high-school French in New York for several years before pursuing her Ph.D. at Syracuse University. She completed her Ph.D. in 1954, two years after joining the Wake Forest faculty.

Robinson is survived by two daughters, Pauline and Ellen, and two grandchildren. Memorial gifts may be sent to Wake Forest Baptist Church, P.O. Box 7326, Winston-Salem, NC 27109.

was principal of High Plains School in Person County and taught at the American School in the Philippines and Japan. He taught at Oak Ridge Academy in North Carolina and Fork Union Military Academy in Virginia before joining Methodist University in Fayetteville, NC, in 1962. In 1984 Pulliam received

the Methodist University Alumni Association Distinguished Professor of the Year Award and completed 25 years of service before he retired. He was preceded in death by his twin brother, **Henry Talmadge Pulliam ('51)**.

Otto Kleeth Whittington Jr. ('49), June 16, 2012, Hickory, NC. He served in the U.S. Army Air Corps. Whittington was a retired district sales manager for the Southeast with Colonial Life and Accident Insurance Co.

Herman Arthur Dechent ('50), July 11, 2012, Barboursville, VA. He served in the U.S. Army during World War II. Dechent was in the ministry for 40 years serving churches in North Carolina and Virginia.

Jerry Lassiter Eaves ('50), July 22, 2012, Kingsport, TN. He was a branch manager with IBM in New Orleans and worked with Memorex Corp. and Harris Data Systems in Washington, D.C.

Duncan James Sinclair Jr. ('50), April 25, 2012, Laurinburg, NC. He was a former Wake Forest trustee and a past member of the alumni council. Sinclair served in the U.S. Army during World War II. He was president of the Laurinburg Chamber of Commerce, a member of the Laurinburg City Council, chairman of the Social Services Board and a member of the board of Scotland Memorial Hospital and Scotia Village retirement community. Sinclair was active in the Boy Scouts of America. He is survived by his wife, Marie; four sons, including **John Frank Sinclair ('88)**; nine grandchildren; two great-grandchildren; and a sister.

Wallace Blanton Wright ('50), May 11, 2012, Asheville, NC. He was a veteran of World War II. Wright received the Purple Heart and his unit received the French decoration for bravery, Croix de Guerre. He wrote a fictional book about his experiences and gave an oral history for the D.H. Ramsey Library Special Collections Department at UNC Asheville. Wright helped run the family business and built and operated a miniature golf course, archery range and gift shop.

Luther Lane Enzor ('51), July 20, 2012, Nichols, SC. He was a veteran of World War II and served in the Floyds Chapter of the American Legion until his death. Enzor taught and coached at Floyds High School in Duford, SC. He received his MAEd from the University of South Carolina and was an assistant principal and later principal of Floyds High School. When Floyds and Green Sea high schools merged in 1976, Enzor was named principal of the new school. In 1989 he was named the S.C. Outstanding High School Principal. Enzor retired in 1992.

William Rucker Hudson (MD '51), July 4, 2012, Durham, NC. He served in the U.S. Army 88th Infantry Division in Italy and received the Bronze Star and Purple Heart. He completed a residency in otolaryngology at N.C. Baptist Hospital and a fellowship at Johns Hopkins. In 1961 Hudson joined the faculty at Duke University School of Medicine and retired in 1995 after 30 years as chairman of the Department of Otolaryngology, Head and Neck Surgery. He was preceded in death by his father, **Esper Valentine Hudson (1918)**. He is survived by his wife of 65 years, Nancy; two daughters, Margaret and Anne; a son, **William R. Hudson Jr. ('73)**; six grandchildren; and three great-grandchildren.

William Haynes Lewis ('51), June 25, 2012, Lumberton, NC. He was a partner with Robeson Insurance Agency in Fairmont for more than 40 years.

Virginia Sanford Mangum ('51), Feb. 23, 2012, Goldsboro, NC. She taught biology, chemistry and physiology at Sullins Junior College in Bristol, VA. Mangum received her MD from Duke University and had a pediatric practice with her husband in Hamlet, NC. They later moved to Goldsboro where she opened a medical practice in 1971. Mangum retired from medicine in Goldsboro in 2010.

Bert McGee Montague ('51, JD '53), May 11, 2012, Raleigh, NC. He was a fighter pilot in World War II and served in the U.S. Air Force Reserves until 1977 when he retired as a colonel. Montague practiced law briefly and served in several administrative positions with the N.C. Judicial Department. He retired as clerk of court in 1996 from the U.S. Court of Appeals for the Fourth Circuit in Richmond, VA, and he and his wife of 66 years, Inez, retired to Seven Lakes, NC. They returned to Raleigh in 2010 to be closer to family.

Joseph Donald Moody ('51), April 20, 2012, Creedmoor, NC. He served in the N.C. National Guard, graduated from the Army War College and consequently retired as a colonel. His 38-year civilian career was with Western Electric and AT&T in Burlington and Greensboro, NC, and Kearney, NJ.

Mary Sue Hunt Smith ('51), June 23, 2012, Yanceyville, NC. She was a social worker and registered nurse.

Alton Goodrich Brooks ('52), May 4, 2012, Edenton, NC.

William Edgar Foster ('52), April 11, 2012, Washington, D.C. He served in the U.S. Air Force during the Korean War and held positions at the Pentagon and in Tokyo and Nagoya, Japan. Foster was president of Personnel and Industrial Relations in California. He moved to Texas and started a "rug crafters" franchise and then switched to residential real estate in Dallas.

Carson Excel Hamlett Jr. ('52), July 11, 2012, Richmond, VA. He served in the U.S. Navy. Hamlett received his JD from the University of Richmond's T.C. Williams Law School.

David Carr Stanfield ('52), May 8, 2012, Greensboro, NC. He was in production planning and customer relations with Burlington Industries and Highland Industries. Stanfield is survived by his wife of 48 years, **Jean Funderburk Stanfield ('60)**; three children; seven grandchildren; a brother; and a sister, **Jo Ann Stanfield Nunnallee ('71)**.

Barnie Paul Trimble ('52), June 18, 2012, Utopia, TX. He served in the U.S. Navy. Trimble retired as senior supervisor after 33 years with Dupont Chemical in Martinsville, VA, and Houston, TX.

Sophia Clifton Wall ('52), Jan. 28, 2012, Louisburg, NC. She taught in public schools, including Franklinton, NC. Wall was preceded in death by her husband, **Oliver W. Wall ('47)**, and two sons. She is survived by three children; two stepchildren; 21 grandchildren, including **William Thomas Pike Jr. ('81)**; 34 great-grandchildren; and six great-great-grandchildren.

Norman Simpson Aycock Sr. ('53), Feb. 17, 2012, Richlands, NC.

William Demauth Blanton ('53), May 9, 2012, Union, SC. He was ordained by the First Baptist Church of Kings Mountain, NC, and served churches in Maryland, Massachusetts and Virginia. Blanton was an intern and resident in the School of Pastoral Care at Bowman Gray School of Medicine and became staff chaplain and pastoral counselor at the Appalachian Regional Hospitals in Beckley, WV, and South Williamson, KY. He retired in 1995 as director and pastoral coun-

selor at Union Mental Health Clinic. Blanton is survived by his wife, **Beatrice Adams Blanton ('54)**; a son, Paul; a daughter, Anna; and two grandchildren.

Manuel Eli Cunnup ('53), July 12, 2012, Goldston, NC. He was a former Wake Forest trustee. Cunnup served in the U.S. Army Air Corps during World War II and was pastor for Rock Springs, New Salem, Mays Chapel, Sandy Branch and Magnolia Street Baptist churches. He was interim pastor for Eller Memorial and Clifton Road Baptist churches and served as director of missions for the Sandy Creek Baptist Association and the Piedmont Baptist Association and as interim director for Alamance County Missions. Cunnup served on the general board of The Baptist State Convention and as mission committee coordinator of N.C. Prison Ministries. He was preceded in death by his wife, Ruth. Cunnup is survived by three sons; five grandchildren; and several great-grandchildren.

Robert Stribling Nanney ('54), May 15, 2012, Charlotte, NC. He worked for Belk Stores Services for 38 years. Nanney is survived by his wife, Phyllis; a daughter, Emily; and a brother, **Donald Lee Nanney ('60)**.

Margaret Hudspeth Sain ('54), June 27, 2012, Monroe, NC.

Kathryn McClain Proffitt ('55), July 20, 2012, Leesburg, FL. She retired in 1996 as a real estate agent and broker.

Alice Ann Tumblin White ('55), July 5, 2012, Lillington, NC. She received her divinity degree from Southeastern Baptist Theological Seminary and her training from the N.C. Baptist Hospital School of Pastoral Care. White was an RN in several North Carolina and Virginia hospitals, at Greenville Villa Nursing Home and at Britthaven Nursing Home in Edenton. She was preceded in death by her husband, **Robert Carroll White ('61)**. White is survived by a brother, **John Addison Tumblin Jr. ('48)**; four children; and five grandchildren.

Coleman Goode Arendall ('56), June 8, 2012, Summerville, SC. He served in the U.S. Army and was retired from sales with Double Envelope Corp.

Vivian Butler Overstreet ('57), July 31, 2012, Salem, NJ. She was a laboratory technologist at New England Baptist Hospital in Boston,

had worked at Jordon Hospital in Plymouth, MA, was a senior technologist and then supervisor of Memorial Square Laboratory in Springfield, MA, and served as pastor's wife during her husband's ministerial career. Overstreet is survived by her husband, **Robert Overstreet ('56)**; two sons, David and Keith; and three granddaughters, **Chelsea ('11)**, Emily and Maggie.

Homer A. Paschall (MD '57), July 10, 2012, Palatka, FL. He completed his orthopaedic residency at N.C. Baptist Hospital, taught at Bowman Gray School of Medicine from 1963 to 1967 and then taught at the University of Florida Medical School. Paschall considered his "real claim to fame" to be his medical practice in Palatka.

Anne Shelton Bridges ('58), May 2, 2012, Coral Springs, FL. She was a retired earth sciences teacher. Bridges is survived by a daughter; three grandchildren; and a sister, **Elizabeth Bridges Mushinski ('56)**.

Buddy Roger Glance ('58), June 27, 2012, Canton, NC. He served in the U.S. Air Force. Glance had a military surplus store, Old Grouch's Military Surplus, in Clyde, NC.

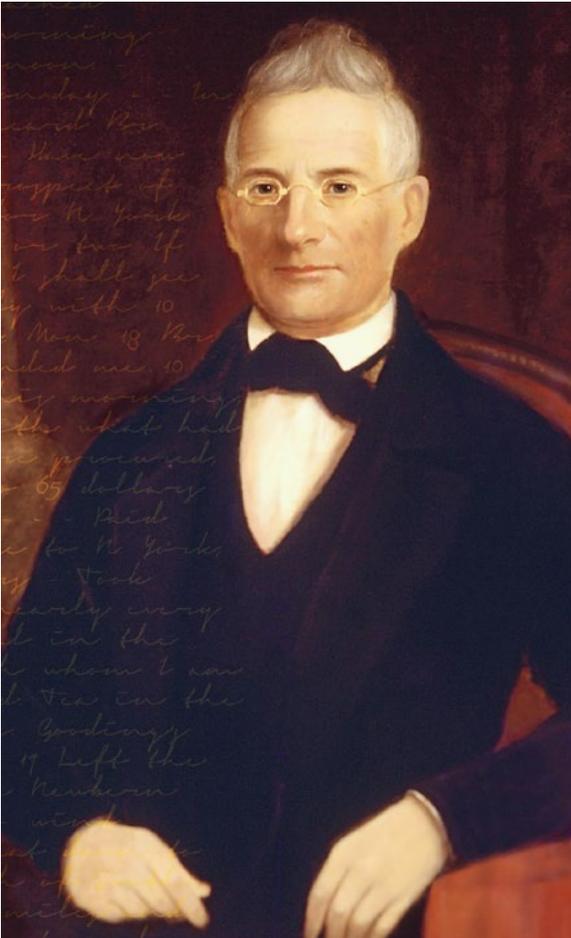
James Hampton Black Jr. ('59, MD '63), July 2, 2012, Charlotte, NC. He served in the U.S. Navy as chief of medicine at Cherry Point Naval Hospital. Black practiced internal medicine and nephrology for 30 years with Durwood Medical Clinic/First Charlotte Physicians in Charlotte. He was CEO of the clinic from 1982 to 1993. Black is survived by his wife, Betty; two sons, **James Hampton Black III ('87, JD '91)** and **David Forrest Black ('91, MD '97)**; and three grandchildren.

George Burbank Herndon Jr. (JD '59), April 26, 2012, of Fayetteville and Greensboro, NC. He practiced real estate, wills, trusts and estate law primarily with Nance Law in Fayetteville, NC, and was also an attorney for Carolina Power & Light. Herndon received the Kiwanis Lifetime Achievement Award

and the Wells Cup for Outstanding Service. He is survived by his wife of 23 years, Eleanor; three children, Kathleen H. Rouse, George III and **Elizabeth H. Avioli (MBA '89)**; two stepchildren, Colin and Kevin; and seven grandchildren.

Daniel Wallace Lovelace ('59), June 20, 2012, Virginia Beach, VA. He was a teacher and administrator with the Virginia Beach City public schools for 34 years. Lovelace was music ministry director of the adult, youth and handbell choirs of Community United Methodist Church. He is survived by his wife, Glenda; a son; a granddaughter; a sister; and a brother, **Leonard Reid Lovelace Jr. ('41)**.

James Kermit Sexton Sr. (MD '59), May 30, 2012, Asheville, NC. He completed a residency in radiology and joined the Charleston Area Medical Center, where he served a term as chief of staff. Sexton was a partner in Associated Radiologist Inc. of Charleston, WV, and a member of the West Virginia Air



DON'T LET THE GLASSES FOOL YOU. HIS VISION WAS PERFECT.

Samuel Wait was clearly farsighted, and his dream for Wake Forest University has been thriving for almost two centuries. We are proud to introduce a legacy society that honors both his name and his vision for an extraordinary University that places the needs of humanity above our own.

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National Guard for 26 years. He is survived by his wife of 52 years, Bobbie; a son, **Jaimey ('87)**; two daughters, Kelli and Amanda; and three grandchildren.

Leah Lee Wimberley ('59), April 19, 2012, Rocky Mount, NC. She taught French and English for 34 years in the Rocky Mount City school system and retired in 2003 from Rocky Mount Academy. Wimberley is survived by a son; a daughter; a grandson; and a brother, **William Frederick Lee Jr. ('57)**.

Donald Barry Wood ('59), July 8, 2012, Winston-Salem. He served in the U.S. Army and retired after 40 years with the postal service. Wood was an avid runner and completed 49 marathons. He was preceded in death by his father, **Leroy Asbury Wood ('36)**. His survivors include a sister, **Vilia Wood Marshall (MALS '01)**.

Herman Kenneth Hyde ('60), May 31, 2012, Mocksville, NC. He served in the U.S. Navy.

Joseph Hilliard Hensley Sr. ('61), May 2, 2012, Greensboro, NC. He served in the U.S. Navy and was a Demon Deacon mascot. Hensley worked for Sears Roebuck and Co., operated Willow Haven Rest Home and was an administrator for Village Green Retirement Community.

Carolyn McBee Morphy ('61), July 4, 2012, Bakersville, NC. She taught high school in California before returning to teach at Mars Hill College in North Carolina. Morphy taught physical education and reading at Nebo and North Cover and developed an elementary physical education program which was adopted by various schools in the United States. She was preceded in death by her parents, Ivy and **Paul Thomas McBee ('28)**. Morphy is survived by a daughter; three sisters, including **Virginia McBee Cross ('56)**; and two grandchildren.

David Wescott Lewis Jr. ('62), July 1, 2012, Wilmington, NC.

John Anthony Purpura ('62), July 7, 2012, Staten Island, NY. He received his JD from St. John's University Law School and worked in insurance risk management for many years.

Abraham Lincoln Sherk III (JD '62), April 27, 2012, Winston-Salem. He served in the U.S. Army. Sherk was a District Court judge for

the 21st Judicial District of N.C. from 1968 to 1976 and then had a private practice. He served on many state and local committees and received the N.C. Distinguished Citizenship Award. Sherk was preceded in death by his wife, **Nancy Dennis Sherk (JD '62)**. He is survived by a sister; three children; and nine grandchildren.

Douglas Carmichael Fulton ('62), July 14, 2012, West Palm Beach, FL. He practiced law in West Palm Beach and was an assistant state attorney for Palm Beach County for 25 years.

David Edmund Sumler ('63), May 10, 2012, Baltimore, MD. He was a professor of European history at the University of Illinois-Urbana, taught at Washington College in Chestertown, MD, and was director of planning and academic affairs with the Maryland Higher Education Commission. Sumler was assistant secretary for planning and academic affairs for the Commission from 2003 until his retirement in 2007.

Margaret Wise Goins ('64), April 24, 2012, Winston-Salem. She was a former employee of Salem Paper Co.

Moses Nathaniel McCall III ('64), June 22, 2012, Lithia Springs, GA. He was a retired assistant commissioner with the GA Department of Natural Resources and a founder and past president of the Douglas County Soccer Association. McCall is survived by his wife of 47 years, **Shirley Webb McCall ('65)**; a son; and a grandson.

William Barker Crews Jr. (JD '65), July 18, 2012, Southern Pines, NC. He served in the U.S. Army and practiced law in Moore County for more than 40 years.

Richard Mack Pearman Jr. ('65, JD '70), April 10, 2012, Greensboro, NC.

Warner Earle Fusselle Jr. ('66), June 10, 2012, New York. He was a veteran of the Korean War. Fusselle was in sports broadcasting as the voice of Seton Hall basketball for 12 years, of St. John's baseball and, until 2001, the voice of the Brooklyn Cyclones.

Nicka Thompson Thornton ('68), July 17, 2012, Greensboro, NC. She received her master's in counseling in 1993 from UNC Greensboro and was director of career services at Greensboro College for 11 years.

Thornton is survived by her husband, **Thomas Spruill Thornton Jr. (JD '69)**; three children, Thomas III, **Shelby T. Patrick ('94)** and Michael; six grandchildren; and her parents.

David Lee Coleman ('69), Nov. 23, 2011, Tabor City, NC. He was a retired minister of Tabor City Baptist Church. After retiring, he continued to serve the Clarendon Baptist Church in Williams Township.

David Edward Eckberg (MD '69), May 17, 2012, New Bern, NC. He was a founding partner in 1974 of New Bern Anesthesia Associates. Eckberg retired from the practice in 2005.

Jimmy Dean Reeves ('70, JD '73), July 31, 2012, West Jefferson, NC. In 1976 he and his mentor formed Vannoy & Reeves PLLC, now Reeves Law Firm PLLC, where he practiced until this year. Reeves served as the state bar counselor for the 23rd District of N.C. and provided leadership and service to many organizations. He is survived by his mother; his wife, Martha; his children, **Mary Alexandra (JD '01)**, John Benjamin, **Courtlyn Channing ('11)** and Cagney Alexis; and a brother, **Michael Ray Reeves ('75)**.

James Eslie Turner Jr. ('71), May 21, 2012, Monroe, NC. He was preceded in death by his father, **James E. Turner Sr. ('43)**. Turner is survived by a sister and three brothers, including **Frank Benjamin Turner ('74)**.

Alvin Barrett Shepherd ('72), July 7, 2012, Winston-Salem. He was a retired clinical counselor.

Adam Stewart Ed Gilmour (MBA '73), May 2, 2012, Augusta, GA. He served in the U.S. Army for 23 years with two tours during the Vietnam War and received five Bronze Stars and an Army Commendation Medal among his awards. After retirement from the Army, Gilmour was an assistant general manager for administration at Wakenhut Services where he retired in 2006 after 23 years.

Max Newton Greer Jr. ('73), May 23, 2012, Whiteville, NC. He was the advertising manager with The News Reporter and director of the Greater Whiteville Chamber of Commerce. Greer is survived by his wife, **Carol Smith Greer ('73)**; two daughters, Ellen Harris and **Sarah Adams Greer ('04, MAEd '07)**; a son, Max; and four grandchildren.

Michael Dale Walker (PA '73, MBA '94), Jan. 23, 2012, Winston-Salem. He served as a medic in the U.S. Air Force. Walker was a physician assistant in internal medicine and dermatology for 20 years and spent eight years at Academic Alliance in Dermatology in Tampa, FL. In addition to his MBA, he received a master's in physician assistant studies from the University of Nebraska.

Roy Woodrow Edwards Jr. ('75), June 30, 2012, Norfolk, VA. He retired after 29 years as a CPA.

Frederick Wendell Coburn II (PA '77), August 1, 2012, Kernersville, NC. He served in the U.S. Navy during the Vietnam War and was a physician assistant at Dayspring Medical Center.

Anson Kenneth Baker ('79), July 6, 2012, Cedar Rapids, IA. He was in marketing for IBM, in information technology with Midland Systems Integrators and was principal account manager in government systems for Rockwell Collins.

Harold Houston Odum Jr. ('79), May 13, 2012, Jamestown, NC. He was a former employee of B&H Millwork in High Point, NC.

David Watson Daniel ('82, JD '85), July 20, 2012, of Wilson, NC, and Sorrento, ME. He joined Sanford Adams McCullough & Beard in Raleigh, NC, and clerked under N.C. Supreme Court Justice Robert Browning. Daniel became a partner with Howard Browning Sams Poole Hill & Daniel in Greenville, NC, and was a law clerk to U.S. District Judge Malcolm Howard. In 1989 he joined Parker Poe Adams & Bernstein LLP in Raleigh and in 1992 was selected clerk of court for the U.S. District Court for the Eastern District of North Carolina. In 2003 Daniel was appointed a U.S. Magistrate Judge for the Eastern District of N.C. He served in the N.C. National Guard from 1989 to 2011 as staff judge advocate for the 60th Troop Command and received the Army Commendation Medal, Army Achievement Medal and National Guard Commendation and Achievement Medals.

Wayne Lee McMillan ('82), June 10, 2012, Killeen, TX. He was a running back for the Deacons and the leading rusher in 1981. McMillan retired after 21 years in the U.S. Army.

Joni Marie Clark ('83), June 20, 2012, Pfafftown, NC. She worked at Wachovia Bank until 2010.

Benjamin Robert Williamson Jr. (MBA '83), April 22, 2012, Manhattan. He received the 2008 Distinguished Alumni Award from Ravenscroft School in Raleigh, NC, and was a member of its sports hall of fame. Williamson worked for a paper products company, Sonoco, in Hartsville, SC, before joining Donaldson Lufkin & Jenrette in Manhattan as a stockbroker. In 1998 he joined Tiger Management, in 2000 he co-founded Williamson McAree Investments and in 2011 he joined Chilton Investment Co. as a managing director.

Nancy Lightner Wooten (JD '83), April 19, 2012, Winston-Salem. She practiced law in Forsyth County and served for 16 years on the Winston-Salem/Forsyth County school board. Wooten helped found the local chapter of the National Organization for Women, was a volunteer with Piedmont Craftsmen and served 11 years on the board at CenterPoint Human Services.

Allen Shade Aldridge ('90), July 28, 2012, Manteo, NC. He received his master's in mathematics from N.C. State University and taught math at the College of the Albemarle in Manteo. Aldridge is survived by his father, Shade; a sister, **Pamela A. Mazingo ('83, P '13)**; three nephews, Stephen, Rob and Ridge; and a niece, Cary Allyn Hudson, a Wake Forest senior.

Jeffrey Paul Trent (JD '97), July 22, 2012, Charlotte, NC. He was co-owner of Frick-Trent PLLC with offices in Charlotte, Rock Hill and Fort Mill, SC. Prior to FrickTrent, Trent was a senior attorney with Trey Inman & Associates PC, a commercial account manager with Morgan Stanley Dean Witter & Co. and an officer of MountainWest Financial Bank in Salt Lake City.

Patrick Treadwell Jackson (MBA '00), May 20, 2012, High Point, NC. He worked with Ciba-Geigy for 21 years and was most recently in human resources with Banner Pharmaceuticals.

Randi Beth Weiss (JD '00), Aug. 2, 2012, Lewisville, NC. She received her master's and PhD in molecular pathology from Temple University School of Medicine. Weiss au-

thored numerous studies and joined the Hypertension and Vascular Research Center at the Wake Forest School of Medicine in 1994. She pursued a second career in law and was a partner with Womble Carlyle in their product liability litigation group. Memorials may be made to the Randi B. Weiss Cancer Fund, Wake Forest Baptist Medical Center, Office of Development and Alumni Affairs, PO Box 571021, Winston-Salem, NC 27157-1021.

Katherine Henriksen Shubert (MBA '01), April 14, 2012, Greensboro, NC. She was a CPA for R.J. Reynolds. Shubert was a triathlete who finished an Ironman competition in Lake Placid, NY.

Frederick Michael Scully ('04, MSA '05), May 19, 2012, Davidson, NC. He was in the corporate debt products financial sponsors group of Bank of America in Charlotte, NC. Scully earned his CFA designation in 2011. He is survived by his wife, **Cynthia Mills Scully ('03)**; a daughter, Carrington Grace (2); a sister; and his parents.

Friends, Faculty, Staff, Students

Samuel Lewis Boone Jr., June 15, 2012, Winston-Salem. He served in the U.S. Navy and was a CPA for A.M. Pullen Public Accountants and Integon before becoming chairman of the board of Boone and Co., McNeary Inc. and Modern Turf. Boone is survived by three children, **Samuel L. Boone III (MBA '89)**, Mary B. Kerfoot and Elizabeth B. Vaughn, and eight grandchildren.

Edward Wayne Brumbaugh, May 13, 2012, Winston-Salem. He served in the U.S. Navy during World War II and was a public school teacher for 32 years. He was 97 years old. Brumbaugh was preceded in death by his wife of 61 years, Joyce. He is survived by his children, **Joyce B. Baldwin ('66)**, **Wayne Brumbaugh ('71)** and **Gayle B. Ford ('73)**; seven grandchildren, including **Amy White ('91)**, **Kathryn Hoyle ('94)**, **Elizabeth Brumbaugh ('09)** and Matthew Brumbaugh, a Wake Forest senior; and nine great-grandchildren.

Julian W. Bunn, July 21, 2012, Raleigh, NC. His father, **Julian W. Bunn Sr. (LLS 1907)**, served as attorney for Wake Forest College before the move to Winston-Salem.

Bunn traveled with General Electric during World War II and was an engineer, manager and consultant at Aerotron and Aeroglide. He was preceded in death by his wife of 62 years, Martha. Bunn is survived by three sons, Julian III, John and Thomas; two grandchildren; a sister, **Dorothy Stuart (P '71)**; and a brother, **Thomas D. Bunn Sr. (JD '50, P '74)**, a Wake Forest trustee.

Elizabeth "Lib" Click Burns, May 2, 2012, Kernersville, NC. She was the founder and supporter of the Wake Forest University Elizabeth and Joyner Burns Scholarship Fund and the Kernersville Moravian Church Pre-School Mildred Masten Scholarship Fund. Memorials may be made to either of those scholarships, Korner's Folly Foundation or The Paul J. Ciener Botanical Garden Foundation.

Peggy Jane Lasley Burr, Aug. 27, 2012, Belews Creek, NC. She was a retired director of Student Health Services at Wake Forest. After retiring she served as company nurse at Hooker Furniture.

James Herbert Graham, May 6, 2012, Pine Knoll Shores, NC. He was in the U.S. Navy during World War II and was retired from the U.S. Naval Medical Corps. Graham held academic appointments in dermatology and dermatopathology at Temple University School of Medicine, University of California at Irvine School of Medicine and Scripps Clinic and Research Foundation in La Jolla, CA. His awards include the 2007 Distinguished Achievement Award from the Wake Forest School of Medicine and, at the age of 90, the Lifetime Achievement Award in Dermatology from the American Skin Association. He was preceded in death by his first wife, Anna. He is survived by his wife, **Gloria Flippin Graham ('57, MD '61)**; two sons, James and John; a daughter, Angela; a stepson, Wayne; and 11 grandchildren, including **Scott L. Graham ('03)** and **Deana L. Woodworth ('06)**. Memorials may be made to All Saints Anglican Church in Newport, NC; Hospice of Carteret County in Morehead City, NC; American Academy of Dermatology in Schaumburg, IL; American Dermatological Assoc. in Davie, FL; American Society of Dermatopathology in Deerfield, IL; or to Graham Dermatopathology Library at Wake Forest School of Medicine, Department of Dermatology, Medical Center Blvd., Winston-Salem, NC 27157.

Walter J. Harrelson, Sept. 5, 2012, Winston-Salem, NC. Harrelson was an internationally known Old Testament scholar and a former dean of the divinity schools at Vanderbilt University and the University of Chicago when he was hired in the mid-1990s to guide the development of Wake Forest's proposed divinity school. School of Divinity Dean Gail O'Day said the school owes much to the work Harrelson did. "He was an incredibly important bridge person between the board's approval (of a divinity school) and the first dean. He helped Wake Forest conceptualize what a divinity school for the late 20th century should be." From 1994 to 1996, Harrelson laid the foundation for the school, articulating the need, developing the curriculum, and raising funds and support. "He was, in many ways, the first face of the divinity school," said Bill J. Leonard, who was hired as the school's first dean in 1996 as Harrelson was completing his work. The divinity school opened in 1999. Harrelson, whose official title was University Professor, also taught in the religion department and in the divinity school. Read more on the magazine website (go.wfu.edu/phs).

Warren G. Harding Kennedy, July 9, 2012, Winston-Salem. He was associate dean of administration and director of finance at the Bowman Gray School of Medicine, where he retired in 1986. Kennedy served in the U.S. Army and was director of finance at Vanderbilt University Medical Center. He worked with the Boy Scouts of America and received the Long Rifle Award for outstanding leadership, and served as president of the Winston-Salem Kiwanis Club and on the Denmark Loan Fund at Wake Forest. Kennedy is survived by his wife, Helen; five children, including Anne K. Hodges, director of records and gift administration for the Reynolds Campus; eight grandchildren, including **Elizabeth H. Shilling (MA '07)**; and four great-grandchildren.

Berry Franklin Major Jr., April 17, 2012, Owensboro, KY. He was a former director of the Wake Forest Charlotte MBA program. Major served in the U.S. Air Force during the Vietnam War and was a retired alumni director and director of planned giving at Kentucky Wesleyan College.

Ann Catherine Scales, June 24, 2012, Denver, CO. She was the youngest daughter of the late James Ralph Scales, president of

Wake Forest from 1967 to 1983. She was 60, a law professor at the University of Denver and a pioneer in the field of feminist legal theory. Scales grew up in Oklahoma, where her father was president of Oklahoma Baptist University and later dean of the college at Oklahoma State University before being named president of Wake Forest. She graduated from Reynolds High School and Wellesley College and earned her law degree from Harvard University. She practiced at private firms on Wall Street and in Los Angeles before beginning her teaching career. Scales taught at the University of New Mexico for 18 years before joining the law faculty at the University of Denver in 2004. She was the author of numerous journal articles and books and was known for her work in the fields of reproductive rights and LGBTI rights. Memorials may be made to the Ann Scales Memorial Professor Fund, University of Denver Sturm College of Law, 2255 E. Evans Ave. Ste. 315, Denver, CO 80208.

Ronald G. Seeber, June 22, 2012, Winston-Salem. His career included public service in city planning and municipal law. Seeber served 37 years as city attorney of Winston-Salem. He is survived by his wife of 47 years, **Sandra Frederick Seeber (MAEd '85)**; three children, **Kurt A. Seeber (JD '93)**, Erika S. Ransom and Jonathan Seeber; ten grandchildren; and two sisters.

Mary Bailey Vance Suitt, Aug. 12, 2012, Atlanta. She was a former member of the Wake Forest College Board of Visitors. Suitt served in various civic organizations, was a caseworker and art teacher at Thornwell Home and School, and a teller at Citizens and Southern National Bank before devoting time to raising her children. She also was an administrative assistant in the athletic department at Holy Innocent's Episcopal School. Suitt served on the board of the Adaptive Learning Center, the Parents Advisory Board at Hampden-Sydney College, the Presbyterian College Board of Trustees and the advisory committee of the Bailey Foundation. She was president of the North Atlanta Parents Council and chairman of Clinton Investment Co. She is survived by her husband, **Thomas Howard Suitt (MBA '76)**; three children, Ralph Fleming Patterson III, Mary Ellen Suitt Barnwell and **Thomas (Ben) Howard Suitt III ('10)**; her mother; and two brothers.

REMEMBER WHEN?

By Kerry M. King ('85)

It's been nearly six decades since Ed Wilson, E.E. Folk, Broadus Jones and scores of other students and faculty members roamed the halls of the Alumni Building on the Old Campus.

Although the building is no longer standing, Wilson ('43), provost emeritus and professor emeritus of English, has fond memories of it. The three-story classroom building was small and unpretentious, but it served its purpose well from the early 1900s until the 1950s, he says. "I would hasten to say that the students worked hard and the teachers were good."

To honor that legacy, this year a building on the Reynolda Campus has been renamed Alumni Hall. Previously known as the University Services Building, Alumni Hall recognizes the contributions of alumni and serves students, as its namesake did a century ago. The two-story building is home to the Alumni and Advancement offices and the Residence Life and Housing office.

The building sits on the northeastern edge of campus, behind the Worrell Professional Center for Law and Management and near Farrell Hall, now under construction. Built in 1998 for the Information Systems department, its first name was the IS Building. After Information Systems relocated several years ago, other departments moved into the building, which became known as the University Services Building.

Alumni Hall joins the ranks of other Old Campus buildings – including Wait, Johnson and Bostwick – with names carried over to the new campus.

Alumni backed establishing the original Alumni Building in the early 1900s. With only a handful of buildings on campus, the growing college needed more classroom space, especially for the medical school, which opened in 1902. Professor of Latin John B. Carlyle (MA 1887) took on the daunting task of raising money for the building. His plan to ask for donations at an alumni banquet at Commencement

in 1903 was thwarted by "long-winded speakers," he later reported, leaving no time to make his pitch. He tried again the next day and raised nearly \$7,000.

Carlyle's enthusiasm and persistence rallied alumni to the cause, Greek professor and College historian G.W. Paschal (1892) wrote in the "History of Wake Forest, Volume 3." "Professor Carlyle, I will give you 50 dollars if you will say something nice about me," one alumnus, R.E. Sentelle (1901), told Carlyle. "I can do it," replied Carlyle, and he did.

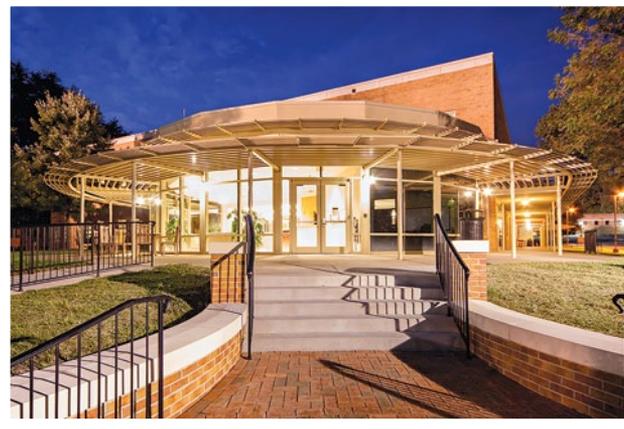


With enough pledges in hand, construction began in 1904. After Alumni Building's completion in 1906, Carlyle reported to the Board of Trustees that he had raised \$16,066.78 to pay for the building, plus another \$2,500 to pay for equipment. Alumni Building sat on the edge of campus, between Hunter Dormitory (no longer standing) and Wake Forest Baptist Church. At first it housed classrooms and laboratories for biological sciences and the two-year medical school. After the medical school relocated to Johnson Hall in 1933, the building hosted mathematics, physics and English classes. During World War II, the U.S. Army's finance school used it.

Wilson remembers taking journalism classes taught by E.E. Folk ('21) and English classes taught

by Broadus Jones (1910) on the building's third floor, and physics classes taught by Bill Speas ('34, MD '37) on the first floor. He remembers sharing classrooms with Lewis Aycok ('26), Justus Drake ('36) and D.A. Brown when he joined the faculty. Most faculty members didn't have offices; they shared long tables in one room. One classroom on the third floor had a raised platform at one end where students performed plays. The campus lacked a theatre.

The Alumni Building was torn down after Wake Forest moved to Winston-Salem. Its cornerstone is on display at the Wake Forest College Birthplace Museum, near the Old Campus. A replica of the cornerstone is on display in the new Alumni Hall.



Hopes and Dreams Business: A Wake Forest Alum Reflects on Lessons for Life

By Steve Nelson ('80)



*Your only limits are the size of your ideas,
and the degree of your dedication.*

- Unknown

THIS QUOTE HAS FUELED ME SINCE MY EARLY days in Poteat House and Reynolda Hall, in Mayor Shirley's "Public Speaking" class, and under legendary Wake Forest golf coach Jesse Haddock's ('52) constant inspiration. How else could fellow Kappa Sigmas end up as CEOs, doctors, lawyers, PGA champions and even U.S. senators? Or venture capitalists?

Let me tell you about my world of venture capital ... or the "company creation" business. I call it the "the hopes and dreams business." I have the privilege and pleasure of working alongside dynamic, change-the-world people and their big ideas. We invest money, time and resources in young, unproven businesses, aiming for creative disruption in chosen markets.

We look for those companies with unique leaders with great intelligence, keen insights, outstanding people skills and unquestioned integrity who set the bar for the company: performance, strategy and transformation, talent and culture.

Wake Forest gave me the opportunity to find a true passion and the skills to succeed in whatever I chose. A proud alum, parent of a Wake Forest junior and trustee, my life changed forever. So now, allow me to share some "life advice" based on my personal experience.

1. Explore your interests to find your passions. If you can combine what you love to do with what you do for a living, you will find success and happiness.
2. Make an emotional investment in your career. Practice "CADIF" (Commitment, Attention to Detail, Immediate Follow-up) so you can demonstrate that in the workplace. These actions will build your reputation ... your brand.
3. Ask questions in the spirit of improving your institution. No task or initiative is too small if it will improve something or someone.
4. Observe, listen and hustle. You will find you gain unique and privileged access and build valuable relationships this way.

North Carolina's future depends on our ability to create and adopt innovative products, services and business models that generate value. Our state can become the go-to place for innovation; the place the world looks to for the "next big thing" and to solve its biggest problems, a state thriving with innovative people, companies, organizations and culture. It can become the next great place to live and to work, to start and grow a business or an organization. The opportunity is ours.

You may know the measure of returns earned on an investment is referred to as Return on Equity or ROE. My definition of "ROE" is a bit different:

Relationships ... lead to
Opportunities ... which require
Excellence. Execution. Excitement. Enthusiasm. Energy.

Twenty years from now I want to know that, inspired by Wake Forest to excel and explore, I maximized my ROE: that I made the world better than I found it. That I gave back and made a difference.

.....
After 19 years of executive and general management experience in technology, software and Internet-based businesses, Steve Nelson ('80) joined Wakefield Group in 1999 and is now managing partner. A Wake Forest trustee, he is past chairman of North Carolina's Council for Entrepreneurial Development (CED), chair-elect of the Foundation Board at the North Carolina School of Science and Math and co-chair of the North Carolina Innovation Council.

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*You can learn a lot about life from animals, says veterinarian
Lynne M. Flood ('82).*

*Tommie O'Toole ('78) lives every sports fan's dream, covering
the Olympics, Final Four and more.*

*'Choose Joy' is the mantra of lifestyle blogger and cancer
survivor Ashley Swenson Hackshaw ('99, MBA '03).*

*Documentary filmmaker Sam Smartt ('09) captures Chi Rho's
joyous journey to Zambia.*

Wake Forest Magazine's digital "flip" version, available on the website, works great on the iPhone and iPad. It's also available through the MediaWire App you can download on either device.

