

WAKE FOREST'S NEW FRONTIER AT INNOVATION QUARTER / FATE OF THE AMAZON / FUTURE CITIZENS

# WAKE FOREST

MAGAZINE

FALL 2016

THE  
FUTURE  
ISSUE



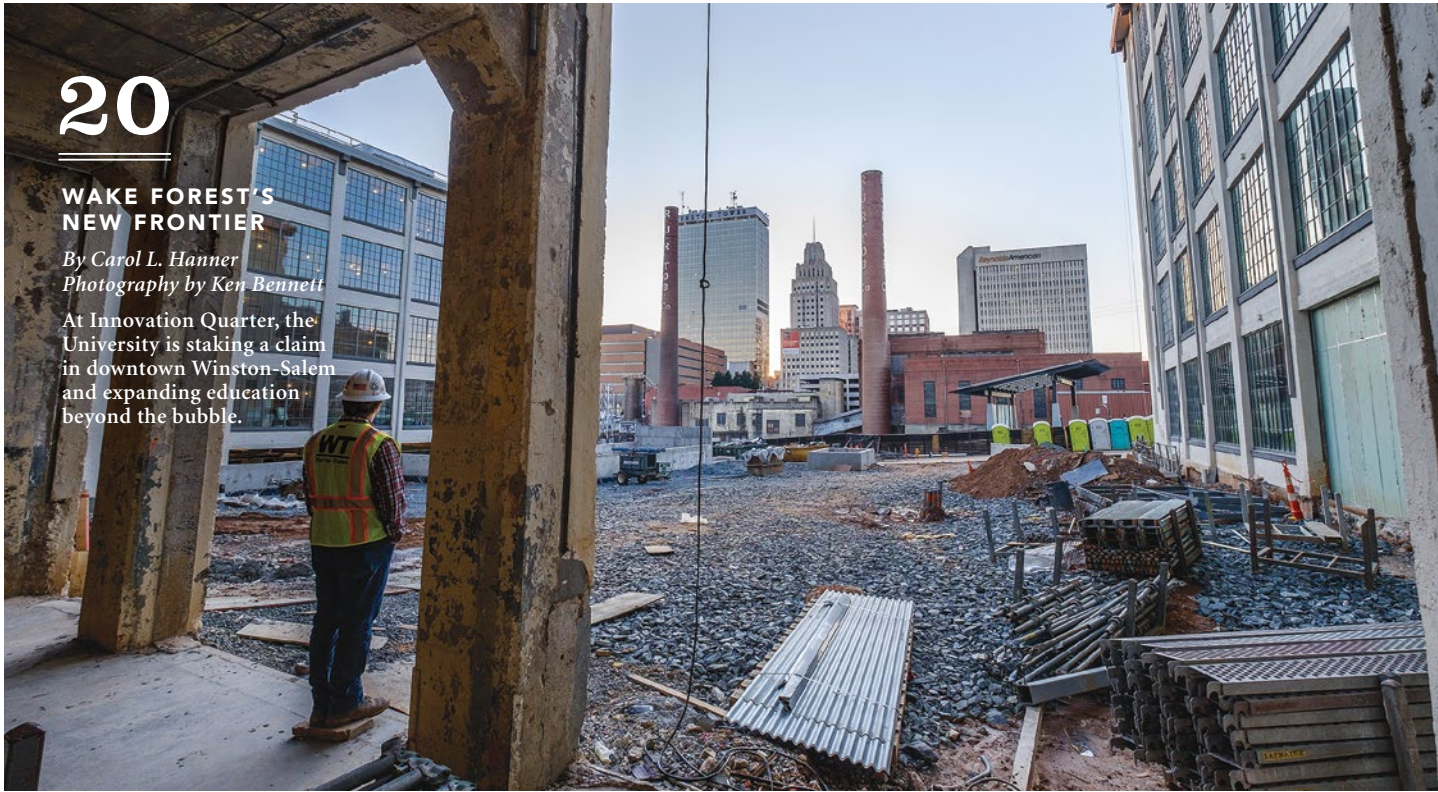


# 20

## WAKE FOREST'S NEW FRONTIER

By Carol L. Hanner  
Photography by Ken Bennett

At Innovation Quarter, the University is staking a claim in downtown Winston-Salem and expanding education beyond the bubble.



### 2

#### BREAKTHROUGHS

By Kerry M. King ('85)

From physics to philosophy, faculty say the past informs the future for their fields.



### 12

#### THE MAKING OF FUTURE CITIZENS

By Maria Henson ('82)

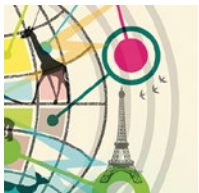
There's good news about politics: Democracy Fellows remain engaged participants in the process.



### 18

#### THE FUTURE OF HIGHER EDUCATION

Four questions for President Nathan O. Hatch.



### 46

#### WORLD'S FAIR WITH A WAKE FOREST FLAIR

By Kerry M. King ('85)

The students' challenge? Plan the 2025 World's Fair.



### 54

#### THE FATE OF THE AMAZON

By Kerry M. King ('85)

A new research center in Peru aims to reduce gold-mining-related environmental degradation.

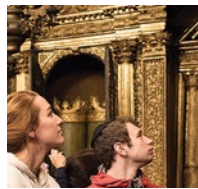


### 62

#### TIME CAPSULE

By Cherin C. Poovey (P '08)

Books, photos, high-top Chucks, a Cook-Out cup and a tambourine. Don't open until 2116.

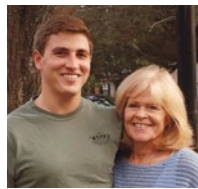


### 70

#### GLOBAL MICROEXPERIENCES

By Dean Franco

At Mother, so dear, new students, curriculum and models for study abroad. One English professor describes his class' journey to Venice, a crossroads of Jewish culture.



### 100

#### CONSTANT & TRUE

By Jim O'Connell ('13)

My mother's name is Kathy, and my father's name is Reproductive Sample No. 119.

## DEPARTMENTS

76 | Around the Quad

78 | Philanthropy

79 | Remember When?

80 | Class Notes

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## FROM *the* PRESIDENT

**WITH THIS EDITION**, Wake Forest Magazine explores the future. From the landmark decision to establish new programs in Wake Forest Innovation Quarter, an effort to save the Amazon and a method of inspiring long-term civil discourse, the magazine's stories provide a window into the aspirations of the University and its people.

The kind of vision, cooperation, determination and sheer grit that it took to transform old tobacco manufacturing buildings into a modern research and education mecca in Innovation Quarter has just been remarkable. It took huge vision and creativity by people



involved. It took the magic elixir of tax breaks, and the effort showed how well Winston-Salem works. Our plan would have never been realized without community commitment, driven by our medical school. But then there was the stellar cooperation from the Democratic city and the Republican county. Reynolds American was philanthropic throughout. The plan could have fallen apart at five or six different points, but at each point people said, "No, this *has* to work."

To see downtown Winston-Salem revive and become a center of high-tech learning, able to attract other kinds of companies and entrepreneurs, is marvelous for Wake Forest and for Winston-Salem. The other dimension to the plan is our decision to have Wake Downtown. It is a wonderful cooperative venture of Wake Forest Baptist Medical Center and the Reynolda Campus. On this effort, we are full partners. I deeply appreciate the leadership of the medical center and the people who helped make it happen. The buildings for the medical students and undergraduates are fully aligned. We expect to see new kinds of synergies among our scientists, our medical faculty and our broader faculty.

On campus the news of the positive, lasting effects of teaching students the principles of deliberation reminds me of Yuval Levin's book "The Fractured Republic: Renewing America's Social Contract in the Age of Individualism." We've become a sea of subcultures in which there are fewer occasions to bring us together for real dialogue. It seems to me a university like Wake Forest should be an oasis, providing structure for deliberative dialogue for our students. It is the heart of what we do, to have people of different perspectives in conversation. They can learn to have civil discourse. Our society craves that.

In the end I have never had more anticipation about the role that Wake Forest can play as a collegiate university — a community of learning — and what it can offer students. The kinds of initiatives we are championing add a new piece to the mosaic that makes it richer.

Warm regards,

# BR EAK

Kerry M. King ('85)  
asks how the past  
informed the future for  
these faculty members and  
what's next for their fields.

# THEIR

# OU GHS

Illustration by  
Gordon Wiebe







# Fighting disease

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## Freddie Salsbury

Associate Professor of Physics

**Freddie Salsbury's research uses physics-based computational tools in the modeling of proteins and nucleic acids to aid in the fight against disease.**



### **Describe a moment when you knew your future was as a scholar.**

At graduate school at Berkeley, I was doing mostly mathematical problems in research, but what really made me choose science was being embedded in an experimental laboratory. I remember being able to see possible, although rather distant, impacts of my theoretical research. Those experiences really are what sold me on becoming a scientist.

### **What's a breakthrough in your field that people might not know about but should?**

In my area of computational biophysics, there are two technical advances that are allowing us to move further in detailed simulations of biomedically interesting molecular systems: gpu-computing and the increased application of statistics and statistical thinking to our data. The use of these graphics processing units (gpus), originally developed for video gaming, and the developing of programs to efficiently use them are allowing us to see molecular changes that we could only infer or force previously. Consequently, we have to deal with more and more data, transitioning us more into a "Big Data" field, forcing us to learn and use more advanced statistical tools. Borrowing more and more from statistics will be critical to further advances.

### **What in your field suggests that we should be optimistic about the future?**

The increasingly trans-disciplinary nature of my field. Biophysics has always brought together molecular physics, physical chemistry and biology, but increasingly even more tools and expertise from physics, computer science and statistics are being brought to bear on biological problems. I am always blown away by the increasingly diverse expertise being brought into cancer biology. For example, at the Comprehensive Cancer Center (at Wake Forest Baptist Health), investigators with deep expertise in a wide variety of fields including chemistry, physics, biochemistry, statistics, cell biology, biomedical engineering, the social sciences and many medical fields, are coming together to address the problems of cancer.





# War and peace

**Sarah Lischer**

Associate Professor of Politics and International Affairs

**Sarah Lischer focuses on the politics of refugee crises, civil wars and human rights atrocities. She is the author of "Dangerous Sanctuaries: Refugee Camps, Civil War, and the Dilemmas of Humanitarian Aid."**

## **Describe a moment when you knew your future was as a scholar.**

After university, I was living in eastern North Carolina and ended up as the coordinator for a small Episcopalian refugee resettlement organization. Welcoming the very first family that I helped resettle comes to mind as determining my future research field. The church sponsors and I had worked very hard to prepare for this family of Bosnian Muslims who had experienced persecution and torture. Knowing so little about them (and about Bosnia) we had stocked a little apartment with donated furniture and clothes and filled the refrigerator with food we hoped they would find palatable. Eventually the plane landed, and a tired and dazed family emerged to a homemade welcome sign, a bouquet for the mother and teddy bears for the children. This is the moment I try to remember when I'm engaged in scholarly research about desperate Syrians, Iraqis and Afghans.

## **What's a breakthrough in your field that people might not know about but should?**

The media like to explain wars, such as those in the Middle East, as an almost inevitable result of age-old animosities based on unchangeable factors like religion and ethnicity. This gives American leaders, and regular people, the comforting idea that there is really not that much we could do to stop the killing, even if we wanted to get involved. Research on the politics of civil wars tells us otherwise. Most conflicts like Syria, Afghanistan and Iraq do not stem from ancient blood lusts, but from poor governance, weak institutions, economic inequality

and insecurity. Those factors encourage the development of demagogic leaders, terrorist groups and organized crime. Rather than waiting until a conflict becomes bloody and intractable, research shows the positive payoff of early investments in supporting democratic institutions and ameliorating economic inequality.

## **What in your field suggests that we should be optimistic about the future?**

I have conducted field research in a lot of places where optimism is in short supply, including Rwanda, Cambodia and Bosnia. The people in these countries struggle with a past more horrific than most of us can imagine, and they survive in a present that includes poverty, corruption and injustice. My optimism comes from the small, unheralded groups and individuals who work for a better future against the still-strong forces of division. I have observed war veterans from the three combatant groups in Bosnia — Muslim, Serb and Croat — who have learned, often painfully, to share stories and compassion for each other's suffering. In Rwanda, I talked with a Tutsi pastor who survived the genocide and who risked arrest by preaching the common humanity of victims and perpetrators. As a scholar who focuses on human rights, refugees, civil wars and humanitarian crises, I find optimism for the future comes in small, but meaningful, doses.



# Religion and food

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## Derek Hicks

Assistant Professor of Religion and Culture, School of Divinity

**Derek Hicks researches African-American religion, religion in North America and religion and foodways.**

### **Describe a moment when you knew your future was as a scholar.**

My scholarship begins with tragic loss. In 1996 two close friends were murdered in the same week. Both of them killed in our neighborhood. Neither of them would reach their 27th birthday. What struck me in both incidents was the way in which faith tempered the blow of loss. Both were firstborn sons of dotting mothers. Yet, in the face of the senseless violence that had struck their families, these mothers would inspire our community. One would tell me that her faith in God was strengthened with the loss of her son. This made no sense to me then but would push and encourage me to inquire into the nature of African-American religious experience. I wanted to more fully understand how a people who had historically faced dire odds would, through faith, overcome.

I have been driven by the unshaken spirit of these mothers and the memory of their sons when facing my own challenges. Through my scholarship I have sought to articulate the multiple ways religion has therapeutically healed and empowered a wounded people to push back and demand better life options.

### **What's a breakthrough in your field that people might not know about but should?**

My current work details the convergence of religious culture and culinary culture in African-American life. I mark both religion and foodways as potent cultural productions in black life that grew out of the experiences of enslavement. Taken together, they have served as tools to mitigate suffering in the face of oppression. While much has been said and studied about religion and food individually, no one has considered the importance of religion and food in their interconnectedness.

### **What in your field suggests that we should be optimistic about the future?**

The study of religion among communities of people will remain critically important. One need only consider the role religion plays in our country's political atmosphere to see why we must have a better understanding of people's faiths. I am convinced that a better understanding will result in more fruitful intercultural and religious dialogue.



# Immigration trends

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**Hana Brown**

Associate Professor of Sociology

**Hana Brown's research examines the relationship between politics, the state and social inequality.**



## **Describe a moment when you knew your future was as a scholar.**

Between college and graduate school I worked for a small NGO in Tanzania doing education development. Up until then, I'd always imagined myself working in international relief, but dealing through the challenges of aid work in sub-Saharan Africa convinced me how useful sociological research is for the world and for our efforts to change it.

## **What's a breakthrough in your field that people might not know about but should?**

Despite widespread beliefs that Latino immigrants stand outside the U.S. mainstream, there is ample sociological evidence to show that today's immigrants are incorporating into U.S. society at the same rate, if not faster, than previous generations of immigrants. We see these gains in multiple areas: English language acquisition, social relationships and economic mobility, just to name a few. These trends are important to consider as we weigh various immigration policy and social services initiatives. Much of our current national debate is based on faulty assumptions about immigrants, assumptions that aren't supported by the data.

## **What in your field suggests that we should be optimistic about the future?**

National news today is filled with stories about the growing wealth gap in the U.S. It's certainly true that inequality is growing in this country, but what most people don't know is that global inequality is at its lowest levels since the Industrial Revolution. Furthermore, global inequality is decreasing because incomes are rising in much of the world. With rising income generally come improvements in health, education and other social outcomes, so these trends may signal positive shifts in the future across much of the developing world.

# Healthy living

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## Jeffrey Katula

Associate Professor of Health and Exercise Science

Executive Director, HELPS (Healthy Exercise and Lifestyle ProgramS)

**Jeffrey Katula studies the relationship between human behavior and chronic disease and disability, and the prevention and management of Type II diabetes, mobility disability, cognitive functioning and quality of life in older adults. He received the University's Award for Excellence in Research last February.**

### **Describe a moment when you knew your future was as a scholar.**

I have always been a bit curious and asked a lot of questions in elementary and high school. Additionally, as a first-generation college student, I was quite ignorant of graduate school, the research world or what “scholar” meant. As I was pursuing my master’s degree in counseling psychology, my main objective was to work with athletes to improve performance (i.e., sports psychology and performance enhancement). A sports psychologist informed me that there were approximately three people in the U.S. earning a living as sports psychologists at the time. At that moment I knew that I would need to change direction and focus on research. In fact, I completely changed from studying athletic performance to studying health behavior and chronic disease.

### **What’s a breakthrough in your field that people might not know about but should?**

Rather than a breakthrough per se, I think the merging of diverse fields represents significant advances in our understanding of human behavior and health. More specifically, researchers have recently begun merging advanced Western neuroscience methods with Eastern contemplative methods and interpersonal communication to elucidate extremely complex relationships among brain networks,



human consciousness and interpersonal development that underlay behavior and functioning. In general, the findings have been extremely exciting and have profound implications for health psychology and, potentially, all of science.

### **What in your field suggests that we should be optimistic about the future?**

Thanks to federal legislation, the culture of health has changed dramatically in the last 25 years. More people than ever before are more conscious of their health, particularly their health behavior, such as smoking, nutrition and physical activity. The exploding market for activity trackers (e.g., Fitbits) and other health-related biometric tracking (e.g., iPhone, Apple Watch, etc.) indicates that the public is extremely interested in and conscious of health. Finally, we have witnessed a dramatic change in focus in the biomedical research enterprise from acute treatment to chronic disease and disablement, which have large behavioral components. Every indication is that these trends will continue to grow in upcoming years.



# Character development

**Christian Miller**

Professor of Philosophy

**Christian Miller is philosophy director of The Beacon Project, a multiyear initiative to understand the morally exceptional and how to improve moral character, and director of The Character Project. He received the Kulynych Family Omicron Delta Kappa Award in 2014 for contributions to student life outside the classroom.**

## **Describe a moment when you knew your future was as a scholar.**

My love of philosophy was first kindled in high school. Starting in the summer after my junior year, I began taking courses at my local college. Because I was reading C.S. Lewis at the time, I decided to give philosophy a try. There I encountered one of the most influential teachers in my life, Dr. Bible (yes, that was his real name!). I absolutely loved the readings, the arguments and most of all, the big ideas. I took three courses with Dr. Bible, majored in philosophy at Princeton and never looked back. Does God exist? What is the meaning of life? Who am I? The thought of making a living thinking about these questions, and talking about them with students, was simply too good to pass up.

## **What's a breakthrough in your field that people might not know about but should?**

There is an impression that philosophy has bought into postmodern thinking and has abandoned the idea that there is an objective reality, objective truth and objective morality. According to this impression, philosophers are supposed to have accepted the idea that human beings construct all of reality, that truth is only relative, and that morality is just an invention of different cultures or societies.

But in fact most philosophers in America would not recognize this characterization at all. We overwhelmingly accept that there is an objective reality, objective

truth and objective morality. Much of our efforts are focused on better understanding them. For example, does the objective morality depend upon God, does it just exist on its own, does it derive from nature, or some other option?

## **What in your field suggests that we should be optimistic about the future?**

During the past 30 years, there has been a huge surge of interest in character in philosophy. Particular attention has been paid to how we might become people of better character. Drawing on research in psychology in particular, philosophers are coming up with important ideas for character improvement, and these ideas are being taken seriously in the larger culture (as we can see, for instance, with David Brooks' recent book, "The Road to Character").



There is a lot of excitement about empathy these days. Thanks to the research of the psychologist Daniel Batson, we now know that feeling empathy increases our helpfulness, and (what is really exciting) it does so for genuinely selfless reasons. The days where people thought we only act out of our own self-interest are now behind us. This empathy research can be incorporated into thinking about how to become more compassionate people, and practical strategies can be devised for trying to enhance empathy and compassion in the classroom, home, office and so forth. This makes me feel a bit more optimistic about the future.

# Diversity of life

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## Patricia Dos Santos

Associate Professor of Chemistry

**Patricia Dos Santos is director of graduate studies in the chemistry department. She received the University's Award for Excellence in Research in 2013.**



### **Describe a moment when you knew your future was as a scholar.**

I first started performing research as an undergraduate, and I think this experience has provided me the excitement for the discovery process and fascination for understanding biological processes at the molecular level. Later the experiences I had during my Ph.D. and postdoctoral instilled in me the motivation to pursue a scientific career in an academic setting.

### **What's a breakthrough in your field that people might not know about but should?**

The work of my research team is relevant to understanding biochemical reactions essential for life on Earth. The interesting aspect of this field is that, while most forms of life utilize nearly identical cofactors and vitamins, the chemical strategies involving the synthesis of these molecules are distinct across different domains of life. It is fascinating that life has evolved in different ways to make the same molecule.

### **What in your field suggests that we should be optimistic about the future?**

We are experiencing a very exciting moment in microbial biochemistry. The recent advances in genome sequencing and rapid progress of microbiome projects have led investigators to start uncovering the amazing diversity of bacteria across different environments. We have grasped just a small fraction of the importance of microbes in human health. This field of science is in its infancy. Recent studies have shown that microbes inhabiting our body are important for our digestion, immune system, cognition, reaction to allergen, drugs and physical function, among many other aspects of the human body. This is extremely important as throughout several decades the indiscriminate use of antibiotics has not only led to an increase in the number of infections caused by antibiotic-resistant bacteria, but also to the rapid emergence of diseases proposed to be associated with the elimination of certain types of "good" bacteria from our body.

# Discovering Beethoven



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## David Levy

Professor of Music and Program Director, Flow House, Vienna

**David Levy has published widely in his field with a special focus on the music of Ludwig van Beethoven and is the author of "Beethoven: The Ninth Symphony." He received the Donald O. Schoonmaker Faculty Award for Community Service last February.**

### **Describe a moment when you knew your future was as a scholar.**

I knew during sophomore year of college that research into music-historical issues was more compelling than practicing the violin eight hours a day. I spent most of my time in the library reading, studying musical scores and taking more courses in music history.

### **What's a breakthrough in your field that people might not know about but should?**

As a scholar in Beethoven studies, the most exciting breakthrough in recent years was the discovery of the long-lost autograph manuscript of Beethoven's transcription for piano four-hands of his "Grosse Fuge," Op. 134, which lay hidden in a locker in the basement of a theological seminary near Philadelphia. Also exciting has been the issuance of facsimiles and transcriptions of some of Beethoven's sketchbooks. These documents shed important light on his compositional process, often revealing that preliminary ideas for later compositions had their origin much earlier than expected.

### **What in your field suggests that we should be optimistic about the future?**

Humans always have, and always will be, drawn to music of all kinds. The field of musicology helps shed light on why this is so. This is important because music reflects the gamut of human experience. What sets us apart from other species is our urge to create, showing that we exist not merely to survive and procreate, but to express something more deeply embedded in our psyche. That we continue to create music is itself an optimistic act.





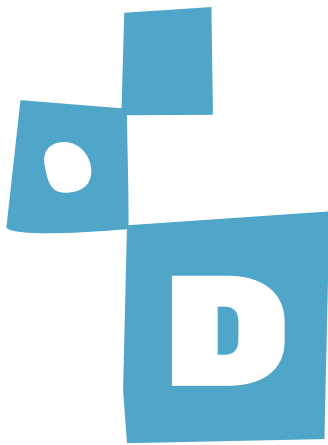
# THE MAKING OF Future Citizens

**DID YOU HEAR THE NEWS – GOOD NEWS – FROM WAKE FOREST ABOUT POLITICS? IT’S WORTH BROADCASTING AS A SIGNAL IN THE FRENZIED STATIC OF THIS PRESIDENTIAL ELECTION YEAR FILLED WITH RANCOR.**

A study by three professors shows that for a set of Wake Forest students who learned the theory and practice of deliberation to enhance civic engagement, the effects were still present 10 years after graduation. These “Democracy Fellows” participated in a first-year seminar in 2001 called “Democracy and Deliberation,” and, from then until graduation in 2005, they participated in regular discussion of public issues using deliberative principles.

Among the findings, the longitudinal study shows that a decade after graduating, compared with a control group not exposed to the principles, the Democracy Fellows expressed a multilayered view of citizenship that emphasizes participation and being informed, more willingness to talk with those who don’t share their beliefs and a view that they can have a say in what government does. They also adapted the principles of deliberation for use in organizations in their own lives – from medicine, religion, education and the workplace.

**BY MARIA HENSON ('82)**  
**Illustration by Nearchos Ntaskas**



**AVID MATHEWS,** president and CEO of the Kettering Foundation, a nonpartisan research foundation that focuses on what it takes

to make democracy work, lauded the findings of the research, which Kettering helped fund. “In today’s political environment I don’t think you have to spend much effort to make the case that we need a more deliberative citizenry that’s capable of making sound decisions,” Mathews said. “And the significance of the Wake Forest project is that it shows exactly how you can develop a deliberative citizenry by what’s done in college and that what’s done in college has lasting effects.”

Communication Professor Jill McMillan, now retired, and Katy Harriger, professor and chair of the Department of Politics and International Affairs and director of the University’s Wake Washington program, taught the 30 students in the seminar. They conducted an initial study at the end of the Democracy Fellows’ four years. The pair then returned to the topic, exploring whether there were lasting effects 10 years after graduation. They teamed up to do the long-term study with Christy Buchanan, a developmental psychologist interested in civic development who serves as senior associate dean for academic advising, and then-graduate student Stephanie Gusler (MA ’15). The three professors were heartened by the level of civic engagement and tolerance for different viewpoints they found in the alumni who had been Democracy Fellows.

Calling the results “a magic bullet” for today’s political climate would be going too far with the data available, Buchanan says. “But it certainly can’t hurt to have more of our young adult citizens able to think in more complex ways about problems that face our communities and about their role as citizens in those communities, to have more young adults who can talk in productive ways across differences with people ... as opposed to withdrawing,



being angry, yelling at each other, bullying each other, just being uncooperative.”

Researchers found and surveyed 20 of the 30 original Democracy Fellows and compared responses to a control group of 20 Wake Forest alumni who had been students at the same time, had the same majors and same demographic characteristics. Both groups disliked the degree of polarization and the role of money in politics. Beyond that there were notable differences. A few examples: As compared with the class cohort members, Democracy Fellows had a more complex and communally focused view of citizenship, such as running for office and being part of a larger community where they could help solve problems. The class cohort members were more likely to speak in legalistic terms about citizenship, referring to residence or place of birth, and [continued on page 17]





“Despite their dislike for the way the system works, Democracy Fellows had not given up,” says Katy Harriger (left), with Jill McMillan (center) and Christy Buchanan.

## A PRIMER ON DELIBERATION

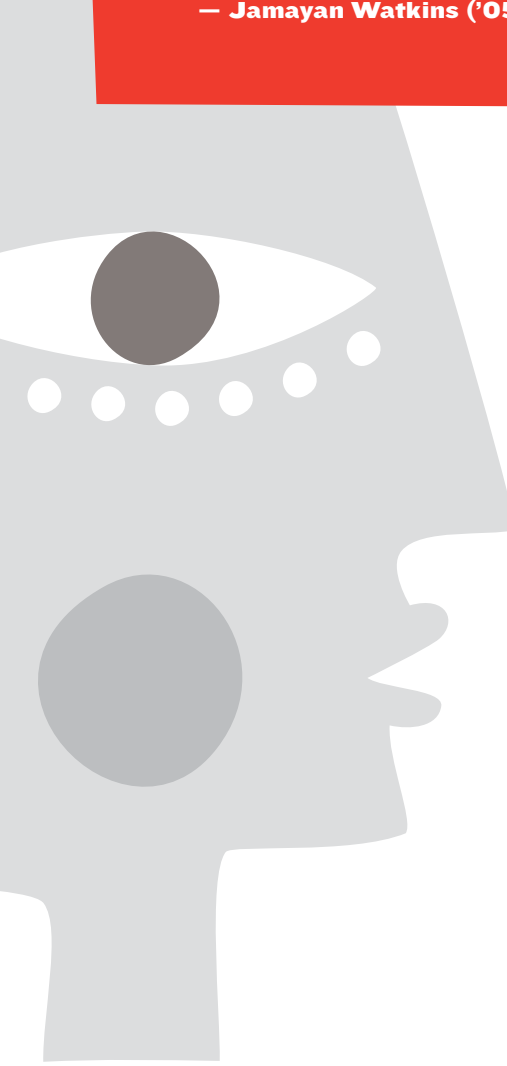
Retired Professor of Communication Jill McMillan calls deliberation “a model of talking with one another that accommodates differences.” When they were students, Democracy Fellows were asked to consider an even-handed presentation of an issue and to follow a set of guidelines “that mandates hearing each other out” and “telling each other personally how any issue — political, social, organizational — has affected them.” The model, McMillan says, carefully examines the dominant perspectives residing in public consciousness and discourse. It asks that the participants consider “not just two sides, not just up or down, but the multiple, complex ways” that social issues affect them and others who might not be represented at the table. The hope is the conversation will reveal shared values because those become common ground for action.

Deliberation distinguishes itself from other dialogic models because it is ultimately an action-based model, McMillan says. “I call the final group task of going from shared values to action ‘creative cobbling’ because it often entails choosing the best aspects of several perspectives to construct action steps that participants can live with,” she says. “The glue that binds that creative cobbling is common values. There’s nothing new or different about this: Aristotle talked about the importance of common ground. In its simplicity and in its ethos, this is a model that the students seemed hungry for and apparently have found utility for.”

Ten years after graduation, she says, the Fellows’ adaptation of the deliberative dialogue principles in their adult lives “has become more ubiquitous and more profound.”

“In today’s political environment I don’t think you have to spend much effort to make the case that we need a more deliberative citizenry that’s capable of making sound decisions.”

— David Mathews, CEO of the Kettering Foundation



“True deliberation  
takes courage  
to be willing to  
have your  
mind changed.”

— Jamayan Watkins ('05)

## WHAT'S NEXT?

Deliberative dialogue skills form the foundation of a new course this fall called “The College Transition.”

About 200 first-year students are being taught the skills and how to apply them in areas administrators hope will be relevant to their lives. Its goals are to help students entering college know more about how to achieve academic success, wellbeing and good relationships in the community, says Christy Buchanan, a developmental psychologist and senior associate dean of academic advising who teaches the course. Politics Professor Katy Harriger, also teaching one of the classes, said questions driving the effort included “How can we help our students get these skills early on, and as we’re calling it, how do we live in community?”

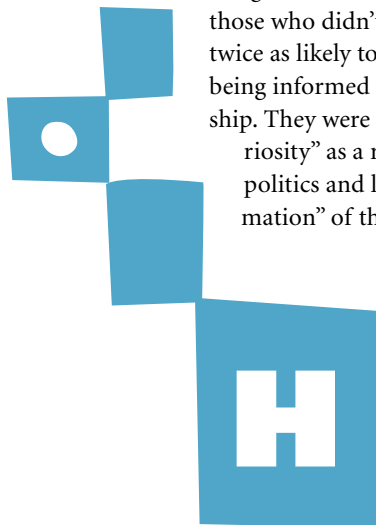
The results from the longitudinal Democracy Fellows study and the development of the new course “happened in parallel,” Buchanan says. “The original impetus for the course was not about citizenship, ... but we realized as we were developing it not only that deliberation could be a good way to get students talking about these issues, but given the results we were getting from the Democracy Fellows that this would also be a place that we put deliberation” — with enhanced citizenship as a potential byproduct.

Topics for possible deliberation include alcohol use, the value of liberal arts and how to appreciate diverse experiences and talk about them, Buchanan says. The goal: “that everybody coming into our Wake Forest community feels valued and important and can engage in productive conversations and productive support of one another.”

Given the Democracy Fellows study findings, she says, she and the researchers felt obligated to build more deliberative dialogue into students’ experiences at Wake Forest. “It’s kind of like when you find a medicine that works, and then it’s unethical to withhold it from people who might be at risk of a certain illness,” she says.



to say they would pay attention to politics to protect their own interests. Democracy Fellows were more likely to express respect for the views of those with whom they disagreed and more comfortable talking with those who didn't share their beliefs. They were twice as likely to emphasize the importance of being informed as a responsibility of citizenship. They were more likely to mention "curiosity" as a reason to talk to others about politics and less likely to mention "confirmation" of their own views as the reason.



**ARRIGER SAYS** the researchers thought it possible that the former Democracy Fellows would be so demoralized by the polarized political climate

10 years after graduating they would label deliberative democracy "pie in the sky." But that was not the case: "It had given them some tools of resilience in an unpleasant political context. It's not like they're starry-eyed and don't see what's wrong, but they haven't given up on it."

Jamayan Watkins ('05) of Chicago, who works in the U.S. Labor Department, was one of the fellows and a trained debater. He told Wake Forest Magazine, "I learned to listen, find common ground and build towards something greater" on campus and in Winston-Salem. Today he uses the skills helping federal contractors meet their obligations in their equal employment practices and in his personal life, where he says, "I have personally grown by understanding different points of view than my own; you don't get that with debate, you get that through listening. True deliberation takes courage to be willing to have your mind changed."

Angel Hsu ('05), an assistant professor at Yale-NUS College in Singapore and the Yale School of Forestry and Environmental Studies, is a former Democracy Fellow who says she uses the deliberative principles in her classroom. The program "taught me how to engage in conversations — often difficult ones — and be able to understand different perspectives and be able to 'agree to disagree.'"

Her comments echoed what professors emphasize. Deliberative dialogue, says Harriger, is recognized as "a way we should talk to each other when we have difficult things to work through." McMillan says deliberation has "no bells and whistles," is not high-tech, yet provides a model of conversation that accommodates differences.

Beyond the Democracy Fellows group in 2001-2005, the deliberation model has been used in three campuswide deliberative dialogues about campus culture in recent years. Some first-year students are learning deliberation principles this fall in a course called "The College Transition." (See "What's Next" on the opposite page.)

For his part, Mathews, who has spent decades studying civic engagement at Kettering, points to the study's spotlight on citizenship as a collective act. The findings are encouraging in that "young people are not only learning how to talk with other people about decisions, but they are discovering in themselves the power that can come from combining their voices. They're learning how to join forces with people who aren't necessarily like them or may not like them," he says. "Nonetheless, they can come together and deal with common problems even though they aren't in full agreement, and that's very significant in today's environment — the recognition that politics is not just what politicians do, that there are opportunities in everybody's everyday life to make a difference politically."

# THE FUTURE OF

■  
FOUR  
QUESTIONS  
FOR  
PRESIDENT  
NATHAN O.  
HATCH

## What does it mean to be well-educated and prepared for the future?

I think of four things. The first is practical, what employers say they want: the ability to communicate clearly, think critically, problem-solve and work in small groups of people who are not like you. Secondly, education helps one live a rich and fulfilling life. It's deeply, personally enriching. It reminds me of the famous quote by Terence: "I am a man; nothing human is alien to me." We see that when students explore new areas — whether it is literature, art, psychology — their world comes alive, and they get interested. Education provides avenues to the riches of the human experience and the wonders of human creativity.

# HIGHER EDUCATION

# EDUCATION

Thirdly, one needs a sense of history and tradition. How can you understand American politics if you know nothing about the American experience? How can you understand Islam if you haven't studied how it evolved over centuries? It is also about citizens. An educational community is a wonderful place to have people engage with perspectives different from their own, to clarify their own perspectives, to have them challenged and be able to defend them.



There's a fourth thing, which I think higher education has a much harder time doing today, and it is character development. Author Yuval Levin talks about it. He says we have fewer and fewer soul-forming institutions. People are less committed to churches, synagogues and community organizations. Ours is a hyper-individualistic culture. How do people form deeply who they are and what they're committed to and what their values are? I think there is a great role for higher education to work in that space. David Brooks has written about it. Students should come out of higher education knowing the traditions of the ancient world, the Christian world and other great religions to have a framework to think about who they are and what they want to be. If we don't do it, our students aren't enriched in the deepest ways.

**From medicine to publishing to commerce, technological disruption has upset the apple cart for many institutions. How should higher education respond to these challenges to remain viable?**

I am not worried that good colleges and universities are going to wither. They're over a thousand years old. We see that at a place like Wake Forest; there's more interest in coming here, not less. Students who have the ability to come here aren't going to want to sit in the basement and take digital courses. That's one side. On the other, education is being disrupted. You see it in professional education — MBAs and law degrees (offered) online now by good institutions. ... Institutions have to focus on their core distinctives on the one hand — what makes them work? — but somewhere in that institution, and it may be even a separate sector, you have to be willing to experiment with new forms of education and be able to adapt.

**How do you think college curricula and teaching will be different in the future?**

I think that's the biggest change.

What is the value of having people together in the room? It's not just one-way communication, although that can be a part of it. There are some people who are brilliant and charismatic lecturers. Being in their presence is better than watching them online. But I think the real value is the kind of engagement a class can have. Increasingly, on campuses, we're seeing the classroom used for interpersonal engagement in small groups. You listen to a lecture (online) on your own, and you come together (in the classroom) and engage. Education is better when there is that kind of give and take. You really find out if people understand.

I expect to see other forms of education continue to gain popularity — online degree offerings; certificates offered by for-profit vendors; and applied, ongoing learning for young professionals.

**What trends do you see shaping the future of higher education?**

I think there will be a sorting out of different kinds of institutions. In some ways that's the beauty of American higher education. It's not one thing created by the government. It is called a sector, but there are many different institutions. Some will have a hard time making it.

In a society where most institutions are under deep suspicion, higher education is still something that the United States does better than anyone else. Loyal graduates of institutions still have more faith in good colleges and universities than they do in most other sectors. I expect good institutions in this country to flourish, and I think you can see that with the sort of philanthropy that goes on.

There will also be great ferment in this sector. There is huge private investment now in educational ventures. There will be ongoing disruption. There is the trend of competency-based education in

which you take a credit hour and you certify people when they know things. The government has said it is open to it in terms of accreditation. So I do think in the next 10 years you will see a lot of experiments in that direction.

## **“OURS IS A HYPER-INDIVIDUALISTIC CULTURE. HOW DO PEOPLE FORM DEEPLY WHO THEY ARE AND WHAT THEY'RE COMMITTED TO AND WHAT THEIR VALUES ARE?”**

I do think at a place like Wake Forest and many other colleges and universities, our role in society has never been greater or more promising. We can be a community of learning which educates citizens, which helps young people come to terms with diversity, helps them clarify their values, make lifelong friends and, throughout life, identify themselves as graduates of an institution. In a society where other institutions have shriveled, in a sense the role of colleges and universities has never been greater.

— *As told to Maria Henson ('82). The interview excerpts have been edited and condensed.*



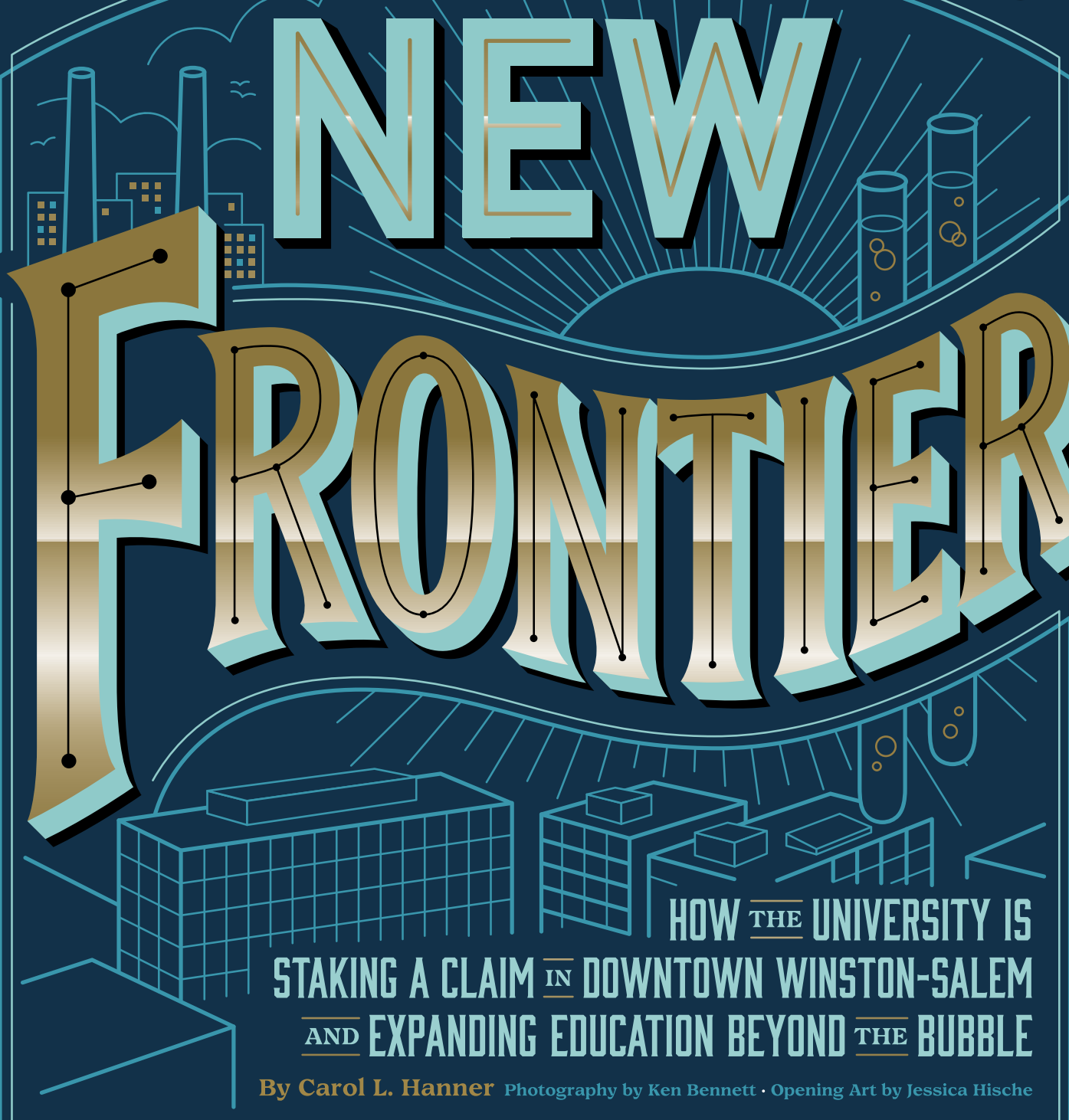
# Wake Forest's



# NEW



# FRONTIER



HOW THE UNIVERSITY IS  
STAKING A CLAIM IN DOWNTOWN WINSTON-SALEM  
AND EXPANDING EDUCATION BEYOND THE BUBBLE

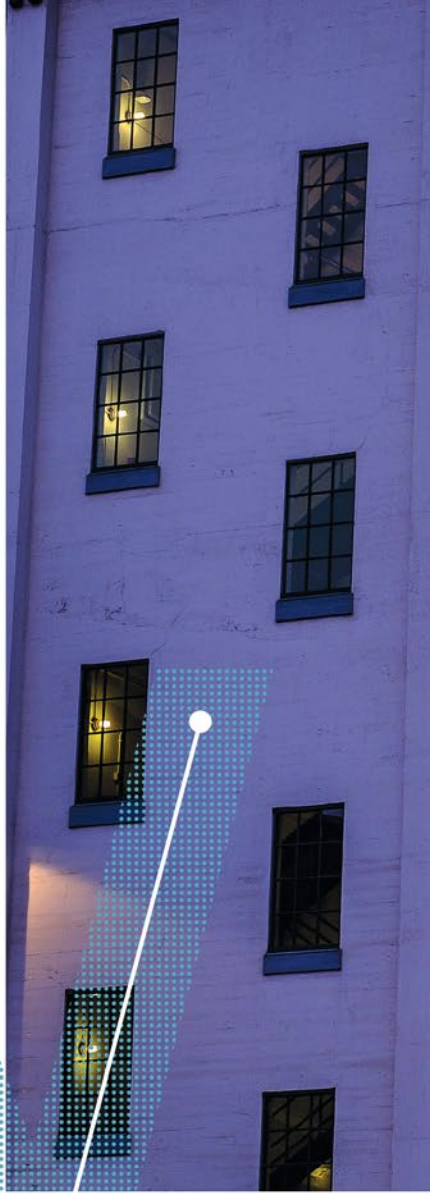
By **Carol L. Hanner** Photography by Ken Bennett • Opening Art by Jessica Hische





PLANET  
Apartment









## What is the sound of an economic mashup? You can hear it – and see it – these days in downtown Winston Salem, where the University is making what could be its biggest move in 60 years.

Take old cigarette factories and tobacco warehouses, re-purpose and renovate them, add large companies, startups, creative space, “eds and meds,” and a commitment to the cultural hub and community, and you have Wake Forest Innovation Quarter. Founded in the mid-1990s as Piedmont Triad Research Park and now expanding at breakneck speed, the biotechnology research, education and business district owned by Wake Forest Baptist Medical Center represents Winston-Salem’s convergence economy, its big bet as cities strive to become the 21st-century best versions of themselves.

Jennifer Vey, a Fellow with the Centennial Scholar Initiative at the Brookings Institution and co-director of its Anne T. and Robert M. Bass Initiative on Innovation and Placemaking, says of innovation districts: “It’s really about proximity and density that creates the kind of collaboration and information

exchange that you need for some of these sectors to thrive. ... The power of innovation districts is you’re seeing co-location of different kinds of activities. Universities, medical centers, large companies with incubators and startups, you’re seeing them come together, overlaid with the ‘place’ piece of it — public spaces, coffee shops and other places that bring people together in informal ways, a chance to intermingle.”

The University is following this synergistic path to the old tobacco buildings. Years ago, the School of Medicine moved some researchers and programs into Innovation Quarter. In 2014, the medical school was looking to move its medical education programs there but would not need all the available space in two former R.J. Reynolds Tobacco Co. buildings being renovated by Baltimore-based developer Wexford Science & Technology, LLC.



Wexford let President Nathan O. Hatch know the University might want to expand the medical school deal because of the additional space. Hatch began talking with officials at the medical center. What if there could be a new form of collaboration around biomedical science and technology, which Hatch has called “the most cutting edge and dynamic field of study in contemporary society?”



**Meanwhile, another** thought bubble was percolating around coffee.

Financial Aid Director Bill Wells ('74) had read a local newspaper article saying tax credits for renovating the tobacco buildings would expire soon. Wells, a history major with a fascination for historic preservation, discussed the news with Provost Rogan Kersh ('86) over

coffee during a monthly meeting. Wells knew of the medical school's plans and wondered: What if we could take some students from the Reynolda Campus downtown?

Kersh was intrigued. He talked to President Hatch, joining multiple conversations the president had underway. As the conversations coalesced, the momentum was unmistakable — the perfect illustration of how “what if” conversations can lead to “wow” collaborations.

This was a wave worth riding for education innovation. The result will be historic.

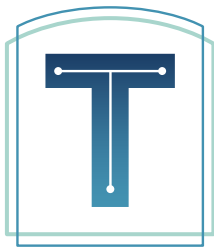
Dean of the College Michele Gillespie, a history scholar, puts it this way: “I suspect that this is going to be one of those signature decisions of the University that when we look back 20, 50 or 100 years from now, it will be as important as moving the campus to Winston-Salem” from the town of Wake Forest in 1956.

President Nathan Hatch: Wake Downtown “gives an urban dimension to Wake Forest life.”





From coffee shops where students study to restaurants for al fresco dining along Fourth Street, the roads to Innovation Quarter offer a vibrant street scene in a city rebuilding its economy.



**his bold leap**, called Wake Downtown, is multifaceted and compatible with the aptly named Innovation Quarter.

Wake Downtown will extend undergraduate classes into the heart of Winston-Salem's urban environment while keeping the umbilical cord to the Reynolda Campus through shuttles and other precision logistics.

Besides having undergraduate classes in a renovated tobacco building, the Wake Downtown initiative adds a Bachelor of Science degree in engineering, with the option of a concentration in biomedical engineering; a B.S. in biochemistry and molecular biology; and two new minors. One minor is in medicinal chemistry and drug discovery.

The other, designed in consultation with the Wake Forest Institute for Regenerative Medicine, is biomaterial science and engineering, which focuses on how researchers can understand and mimic bone, muscle and soft tissues. These expanding disciplines will benefit from a partnership with the School of Medicine, which moved in July to a renovated tobacco building named the Bowman Gray Center for Medical Education, next door to what will become the undergraduate building.

The biochemistry/molecular biology major will begin in January, as will the new minors. The engineering major will begin next fall semester. By 2021, about 350 undergraduates are expected to be studying downtown in the new programs. That would move undergraduate enrollment, currently about 4,800, closer to the expanded cap of 5,300 set by University trustees in April 2015.





In the photographs above, arts meet innovation in downtown Winston-Salem. The black-and-white photograph from the 1940s shows the tobacco district and the R.J. Reynolds Tobacco Co. headquarters, an art deco-style skyscraper that until 1966 was the tallest building in North Carolina and inspired the design of the Empire State Building in New York City.

COURTESY OF FORSYTH COUNTY PUBLIC LIBRARY PHOTOGRAPH COLLECTION

Administrators expect students to find the proposals — and the setting — appealing. “All of a sudden, in a way, Wake Forest has taken a central piece of ourselves ... and located it in the heart of downtown in a more edgy urban environment,” Kersh said. “We know that will appeal to a number of our students and possibly to applicants who haven’t come to Wake Forest because it was a little too bucolic.”

In this former manufacturing complex, the new undergraduate building will share an entrance and lobby with the Bowman Gray Center, which will house 70 full-time medical school faculty and staff. An additional 190 of the medical school’s 1,200 faculty members will teach there at times, depending on the curriculum. Much of the faculty will continue to work at the medical center campus on “Hawthorne Hill,” clinics and other facilities where medical students do hands-on training. Medical faculty will teach some of the undergraduate classes and share their laboratories, forging a medical-liberal arts coalition that administrators say is rare in higher education. The president has said it will bring the groups into “a durable, authentic programmatic collaboration.”

In another rare approach in the academic world, Wake Downtown will infuse its engineering and biomedical programs with the University’s signature liberal arts education model and face-to-face engagement with faculty in small classes.

Only a handful of schools combine liberal arts intensively with engineering, among them Harvey Mudd College in Claremont, California, Smith College in Northampton, Massachusetts, Swarthmore College in Swarthmore, Pennsylvania, and Bucknell University in Lewisburg, Pennsylvania, according to Kersh. A few schools, including Johns Hopkins and Stanford universities, have medical school faculty who teach undergraduate courses.

“We may well be the only school that has both an engineering program rooted in the liberal arts inside a college and has medical school faculty partnering, helping shape it and teaching it. We think it’s the best of both,” Kersh said.

**“PARTICULARLY  
FOR A UNIVERSITY,  
WE’VE HAD TO GO  
AT WARP SPEED  
TO MAKE THIS  
HAPPEN.”**

— President Nathan Hatch

Engineering and science majors won’t be the only ones coming into the city core. The University expects to offer additional undergraduate classes next year. Possibilities include entrepreneurship, bioethics, public health policy, the humanities and the arts.

“We don’t see this as just being an enclave for scientists but an extension of the campus as a whole,” Gillespie said.

Hatch said the University has a history of looking for ways to improve and “play above its weight.” With heightened interest from the medical school in collaborating with Reynolda Campus and the “magic sauce” of tax credits and space downtown, the faculty and staff saw an opportunity, Hatch said.

“In recent years, we’ve talked about Wake Forest being radically traditional and radically innovative,” Hatch said. “I think we’re very traditional in our core mission of excellent academic programs that are very student-focused. At the same time, I think we need to be highly original and innovative about how we go about that. We’re poised to look for opportunities that can enhance and expand who we are. This is the latest.”







“I suspect that this is going to be one of those signature decisions of the University that when we look back

**20, 50 OR 100  
YEARS FROM NOW,**

it will be as important as moving the campus to Winston-Salem” from the town of Wake Forest in 1956.

– Michele Gillespie, Dean of the College





**D**onna Boswell ('72, MA '74), chair of the Board of Trustees, has watched the idea unfold through the lens of her background in health care law. She lives in Winston-Salem and recently retired as a partner in the Health Group of the law firm Hogan Lovells US LLP, where she advised hospitals, academic medical centers, research companies and manufacturers on compliance issues. Before that, she was a professor at Wesleyan University.

“We’re trying to do it differently than if we were to build another building and plop it down on campus,” Boswell said. “We’re very focused on synergies with faculty, the medical school, business and potential startups. That synergy will be just phenomenal for our students.”

Students, faculty and researchers will be able to take advantage of a tenet of Innovation Quarter, that proximity leads to collaboration — that, indeed, “what if” conversations can lead to “wow” ideas.

## A Perfect Storm Seeded Long Ago

If there’s a Johnny Appleseed of innovation in Winston-Salem, Dr. C. Douglas Maynard ('55, MD '59, P '88) would have to be a candidate. A doctor, professor emeritus of radiology and former chair of the radiology department in the School of Medicine, he envisioned the intersection of technology, medicine and business decades ago.

Pete Santago, chair of Wake Forest’s computer science department and former chair of the School of Medicine’s Department of Biomedical Engineering, said Maynard hired him in 1986 and predicted three things would happen: The National Institutes of Health would establish an institute devoted to medical imaging, downtown Winston-Salem would have a research park and Wake Forest would have an engineering program.

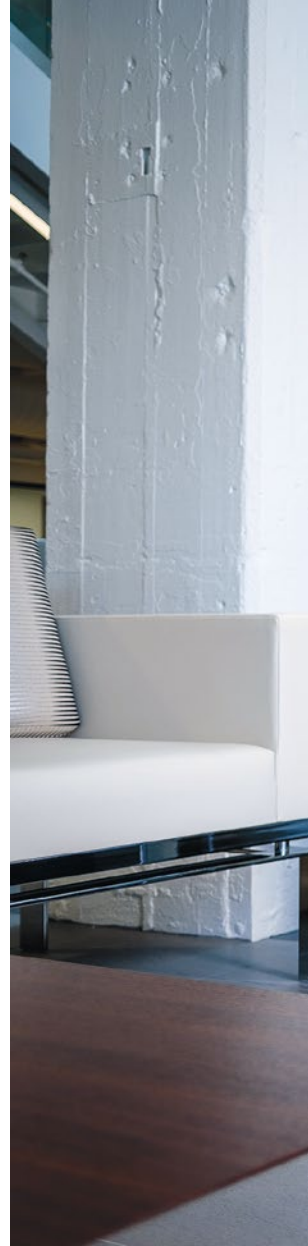
All three have now come to pass.

At the urging of Maynard and his national colleagues, then-Rep. Richard Burr ('78), R-N.C., submitted a bill that in 2001 created the National Institute of Biomedical Imaging and Bio-engineering, which supports university and hospital research. Maynard had recognized that computer networks would be critical to sharing digital radiology images, Santago said.


Maynard and other community leaders also saw that biotechnology and medical research could help replace Winston-Salem’s withering economy. “Before, we were tobacco, textiles, transportation,” Maynard said. Maynard and Santago, along with many civic leaders, were instrumental in establishing Piedmont Triad Research Park, created in the mid-1990s by an alliance of academic, government and business leaders. In 2000 the medical center bought One Technology Place, the first newly erected building in the park. The park was renamed Wake Forest Innovation Quarter in 2013.

“The arts community downtown has made a really huge effort, but without the medical school, downtown wouldn’t be what it is today,” Maynard said.


Hatch echoed Maynard, extolling the work of Dr. Richard H. Dean, a vascular surgeon who led what was then Wake Forest University Health Sciences to a premier position in American medical education until his retirement in 2007 and worked tirelessly for the research park. “He had the vision, secured the resources and offered a huge investment of time and energy to make a research park happen,” Hatch said. “There would have been no research park without ... the dogged commitment of Richard Dean and the financial commitments he made on behalf of the medical school to the project.” *[continued on page 34]*





A photograph of Dr. Douglas Maynard, an older man with glasses, wearing a dark suit and a patterned tie. He is sitting on a white, modern-style sofa in a bright, multi-level atrium with glass railings and concrete pillars. The lighting is bright and even.

Dr. Douglas Maynard, who envisioned an innovation district, says, "Can't you imagine downtown with all those kids down in the park?"

A photograph of Donna Boswell, a woman with short grey hair, wearing a black and gold patterned cardigan. She is sitting at a small round table in front of a large window with a grid pattern. The view outside shows a city street with a tall building. The lighting is natural, coming from the window.

Donna Boswell, chair of the University's Board of Trustees: "It's going to be very fun for students to have a broader oyster, so to speak, from which to build their Wake Forest education."



## WFIQ AT A GLANCE

Wake Forest Innovation Quarter is operated by Wake Forest Baptist Medical Center (WakeHealth.edu), which also oversees Wake Forest Baptist Health (a regional clinical system), Wake Forest School of Medicine (a leader in medical education and research) and Wake Forest Innovations (promoting commercialization of research discoveries).

One of the fastest-growing urban-based hubs for innovation in biomedical science and information technology in the United States, Innovation Quarter:

- Specializes in **research, business and education in biomedical science, information technology, clinical services and advanced materials**
- Houses more than **60 companies**
- Houses academic programs of four leading academic institutions: **Wake Forest University, Winston-Salem State University, University of North Carolina School of the Arts and Forsyth Technical Community College**
- Employs more than **3,100 workers** and has more than **6,000 students** undertaking advanced education
- Comprises **3 million square feet** of inspirational office, laboratory and educational space on its **145 developable acres**
- Has more than **775 apartments, lofts and condominiums** within or close by



# KEY DATES IN THE EVOLUTION OF WAKE FOREST INNOVATION QUARTER

**1991**

The Winston-Salem Chamber of Commerce hires Hammer, Siler, George Associates to study the feasibility of a research park in the area. Two years later, the firm delivers a master plan for a 10-acre park and recommends basing city technology efforts on intellectual capital at the University's medical school; state Sen. Ted Kaplan secures \$3.1 million in seed money from the legislature.

**1998**

An alliance of academic, business and government leaders promotes technology businesses and development of the research park, known as Piedmont Triad Research Park, with then-Wake Forest President Thomas K. Hearn Jr. leading the efforts.

**2001**

Targacept Inc., a biopharmaceutical company spun out of R.J. Reynolds Tobacco Co., announces it will move into the new One Technology Place building owned by what is now known as Wake Forest Baptist Medical Center, giving the park an anchor business tenant.

Office space and laboratories for bioscience and information technology are created in newly renovated Albert Hall and Victoria Hall.

**2002**

Wake Forest Baptist Medical Center announces plans for a long-term expansion of the park to 200 acres of mixed use focusing on biotechnology and life sciences.

**2003**

Classes begin at the new Virginia Tech-Wake Forest University School of Biomedical Engineering and Sciences.

**2004**

Led by Dr. Anthony Atala and his research team, recruited from Harvard University, the Wake Forest Institute for Regenerative Medicine moves into the research park's new Richard H. Dean Biomedical Research Building.

**2010**

Reynolds American, which donated 16 acres to the research park in 2005, donates 22 additional acres and \$2 million to expand the park. The gift includes the Bailey Power Plant.

**2012**

The 242,000-square-foot Wake Forest Biotech Place opens in two converted R.J. Reynolds Tobacco Co. buildings, giving the park a state-of-the-art multipurpose research center. Inmar Inc., a retail, technology and logistics company based in Winston-Salem, announces its headquarters will move into the park.

**2013**

Piedmont Triad Research Park's name is changed to Wake Forest Innovation Quarter.

A new division, Wake Forest Innovations, is created to drive the commercialization of products and services developed at the medical center and to manage development of Innovation Quarter.

**2014**

Inmar Inc. moves about 900 employees into the park, becoming its largest employer.

525@vine, a \$75-million laboratory and office building, opens in a 1926 building that was a former

Reynolds tobacco processing plant. Housed there are Wake Forest Baptist Medical Center's Division of Public Health Sciences and the Department of Physician Assistant Studies, Forsyth Technical Community College programs in biotechnology and nanotechnology, a YMCA and Flywheel, a co-working innovation space.

Plant 64, one of Reynolds' oldest tobacco plants, opens as renovated loft apartments.

**2015**

Bailey Park, a 1.6-acre park at 445 North Patterson Ave., opens across the street from the defunct Bailey Power Plant, which fueled Reynolds' manufacturing.

**2016**

The Bowman Gray Center for Medical Education welcomes students to a renovated former tobacco manufacturing plant.

The University announces new undergraduate programs will be housed in Wake Downtown at 455 Vine St. connected to the new medical education building at 475 Vine St.

— Sources include Frank Elliott, author of a Chamber of Commerce-sponsored new book, "From Tobacco to Technology: Reshaping Winston-Salem for the 21st Century;" news reports; and Innovation Quarter and Wake Forest communications

A BOOM TIME FOR THE

# R.J. REYNOLDS TOBACCO CO. COMPLEX, 1920s



The tobacco industry was initiated in Winston-Salem in 1872 when a bugle call sounded the opening of the first auction sale of leaf tobacco in Winston. ...

Although not the first to establish a tobacco factory in Winston, Richard Joshua Reynolds (1850-1918) built his tobacco factory in 1875 on a 100-acre lot within one of the factory districts — between Depot (now Patterson Avenue) and Chestnut streets. During the last quarter of the 19th century, a total of 39 tobacco factories were established in the city and with the R.J. Reynolds Tobacco Co. soon at the industry's helm, Winston-Salem would produce by 1930 more tobacco products than any other city in the world.





The growth of the city's factory districts, the tobacco factories — and specifically R.J. Reynolds Tobacco Co. — and the associated growth of the city's economy attracted thousands of new residents, many of them African Americans. Much of Winston and Salem's astounding population growth after the Civil War and during the early 20th century can be attributed to the influx of African Americans who came to work in the city's tobacco factories, seeking opportunities outside the agricultural economy. ...

— Excerpted from the nomination form by Jennifer Hembree in 2008-09 for the Winston-Salem Tobacco Historic District to be included in the National Register of Historic Places in the U.S. Department of Interior's National Park Service. Note: Winston and Salem were not officially joined until 1913, but the names were frequently linked before then.



# WAKE FOREST INNOVATION QUARTER

THE HEART OF AN INNOVATION  
DISTRICT THAT IS HOME TO 60  
COMPANIES, ACADEMIC RESEARCH,  
EDUCATION AND RESIDENCES ON  
145 ACRES IN WINSTON-SALEM

## WAKE FOREST BIOTECH PLACE

Former tobacco warehouse and machine shop renovated and known now for its four-story-tall curved-glass atrium; houses Wake Forest School of Medicine researchers from biomedical engineering, microbiology, biochemistry and physiology and private businesses such as Carolina Liquid Chemistries, Allegacy Federal Credit Union and Café Brioche Doree





## INMAR INC.

A technology company with about 900 employees in WFIQ that operates intelligent commerce networks and offers consulting and digital software services to a range of clients from retailers to health care providers *(located behind Wake Forest Biotech Place at Seventh and Vine streets, not shown)*

## 525@vine

Mixed-use lab and office building, which houses Wake Forest Baptist Medical Center's public health sciences and physician assistant programs; Clinical Ink, a data-capturing technology firm; a YMCA branch; Flywheel co-working space; Forsyth Tech at Innovation Quarter and MullenLowe U.S., an advertising agency





## BOWMAN GRAY CENTER FOR MEDICAL EDUCATION

Located at 475 Vine St. in the former R.J. Reynolds Tobacco Co. complex; welcomed medical students in July, as Wake Forest Baptist Medical Center announced, "to prepare for real-life experiences in the most modern of settings available for clinics and exam rooms, complete with the new informatics and technologies commonly used in patient care today."

## BAILEY PARK

An area for concerts, yoga in the park, food trucks and movie nights



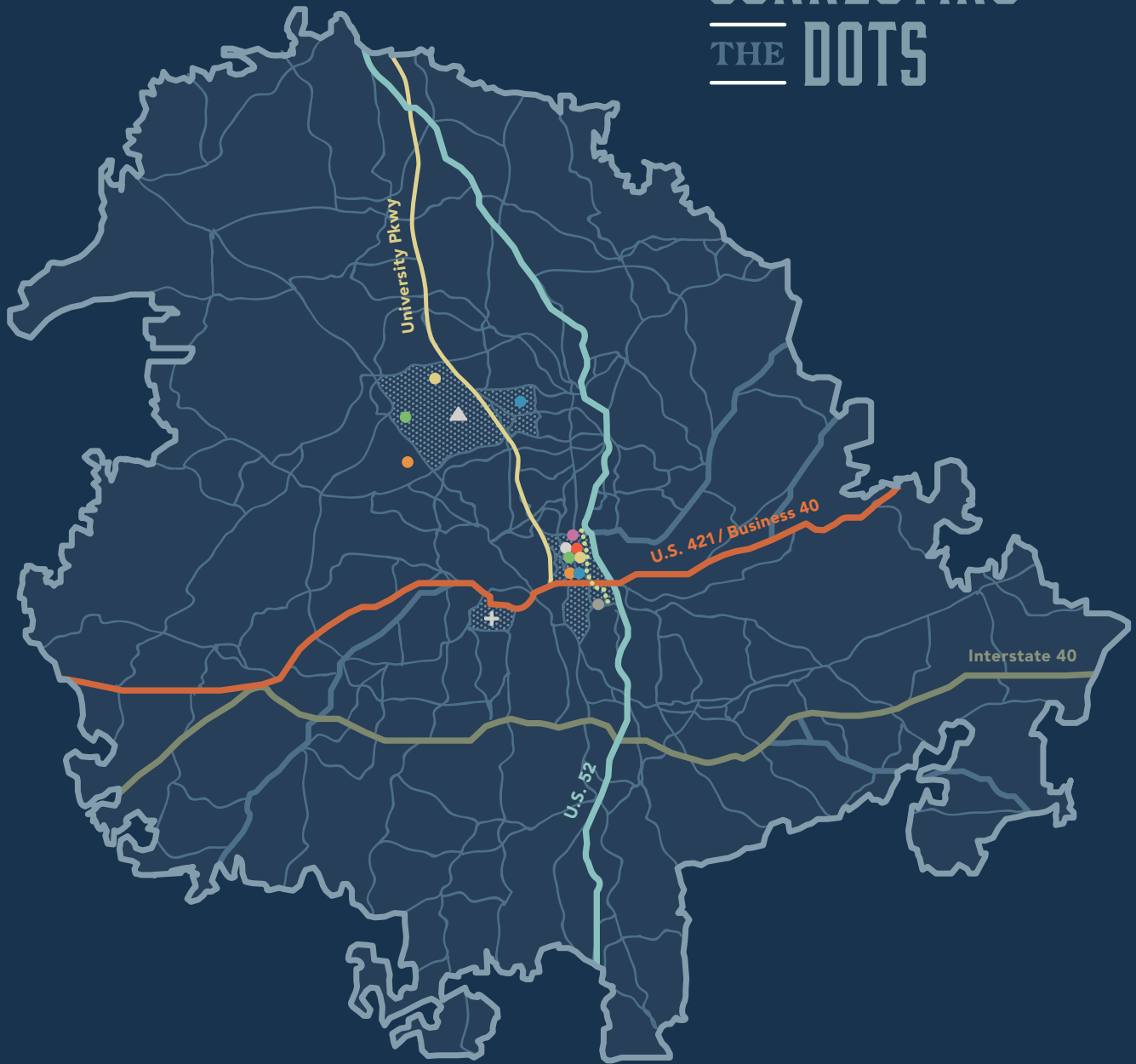


## WAKE DOWNTOWN

Located at 455 Vine St. and connected to the medical school; will house certain undergraduate programs, to be phased in beginning in 2017, including a B.S. degree in engineering and a B.S. degree in biochemistry and molecular biology; a minor in medicinal chemistry and drug discovery; and a minor in biomaterial science and engineering



# CONNECTING THE DOTS



## WF INNOVATION QUARTER

- Downtown Health Plaza
- WF Biotech Place
- 525@vine
- Bailey Park
- Medical school / Wake Downtown
- One Technology Place
- WF Institute for Regenerative Medicine
- Center for Design Innovation
- ⋯ Rails-to-Trails Greenway

## ▲ REYNOLDA CAMPUS AREA

- Wake Forest Reynolda Campus
- BB&T Field
- Reynolda Village
- Graylyn International Conference Center
- Wake Forest Baptist Medical Center



## INNOVATION QUARTER:

# A SMALL TOWN IN THE MAKING

Work, live, learn, play.

That's the mantra at Wake Forest Innovation Quarter, said its president, Eric Tomlinson.

He might need to add "grow" to the list, because this fast-developing district for innovation in research, education and business is bursting with new projects, including the expanded presence of the School of Medicine's education programs two months ago and the upcoming addition of a group of Wake Forest undergraduate students in January. Next fall semester, Wake Forest will launch an undergraduate engineering program in Innovation Quarter.

"By the end of 2017, we'll have a small town here," said Tomlinson, who is also chief innovation officer at Wake Forest Baptist Medical Center.

By then, Innovation Quarter will have grown from 3,100 to about 3,600 people working there and 60 to at least 70 companies and five institutions represented: Wake Forest University, Wake Forest Baptist Medical Center, Winston-Salem State University, Forsyth Technical Community College and the University of North Carolina School of the Arts. Innovation Quarter will have attracted about \$800 million in investment, Tomlinson said.

The beginnings of Innovation Quarter bubbled up in the early 1990s with local leaders studying a potential research park downtown to help the dwindling tobacco and textile economy. They secured state seed money in 1993. In 1994, eight Winston-Salem State University researchers began working with Wake Forest medical school's Department of Physiology and Pharmacology in a former tobacco building. By 1998, an alliance of academic, education and business leaders was promoting Piedmont Triad Research Park. Wake Forest Baptist

Medical Center eventually bought the first building erected there in 2000, One Technology Place. The park was renamed Wake Forest Innovation Quarter in 2013.

Wake Downtown, as Wake Forest is calling its campus extension, is a crucial element for Innovation Quarter's future, Tomlinson said.

"The fact that the University is establishing an undergraduate program in engineering is a phenomenal step forward," he said. "That will lead eventually to skills and capabilities in engineering in the city that we haven't had. It's going to have a huge impact if we can get those programs right and provide the graduates of that program with a reason to stay in Winston-Salem. That can then foster all types of new innovation as those students work next door to med students next door to biomedical engineering next door to big data next door to incubation space. It's a very, very significant step for Innovation Quarter and for the city as a whole."

Forsyth Tech brings about 6,000 workforce students a year to Innovation Quarter, and 1,100 students will be studying there in formal degree or training programs by the end of 2017. The area also is attracting housing; by mid-2018 Tomlinson expects there will be about 1,200 apartments in or contiguous to Innovation Quarter.

The recent addition of Bailey Park, with green space and an amphitheater, has brought yoga classes, food trucks and concerts to the area. Announced in April was a plan to move ahead with renovating the defunct Bailey Power Plant across Patterson Avenue from the park. The plant will feature office, entertainment and retail space. And just a few blocks away are the Arts District on Trade Street and Restaurant Row on Fourth Street.



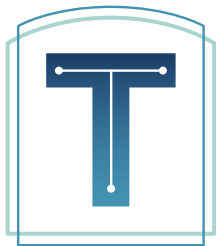
"So there's a richness here of approach that you wouldn't find in, say, a classic research park where people drive in and drive out," Tomlinson said. "We're a highly wired community, with proximity of businesses and institutions coexisting in inspirational spaces leading to unique collaborations."

Tomlinson said to expect another big development in the coming months that is "just going to blow people away."

"By the time we're finished in 10 to 15 years' time, we estimate another \$800 million will have been invested into Innovation Quarter," he said.



"We're educating, not just training," says Professor Pete Santiago, "and I think this education will turn out good citizens, good leaders."



**he drumbeat** for undergraduate engineering began almost 30 years ago but took longer to emerge. Proposals circulated every few years, but the timing wasn't right. Space on the Reynolda Campus is

precious, and a new building, especially for science, would be expensive. Maynard said he also thinks the culture in liberal arts education made some faculty members skeptical of adding engineering.

He and Santiago set out to create a joint engineering program with N.C. State University but lost out eventually to a UNC-Chapel Hill and N.C. State collaboration. The professors went on to find enthusiastic colleagues at Virginia Tech; the Virginia Tech-Wake Forest University School of Biomedical Engineering and Sciences began in 2003. The graduate program, offered by Wake Forest's medical school and Virginia Tech's engineering and veterinary schools,

focuses heavily on biomechanics and tissue engineering. Maynard's prophecy was fulfilled in the medical school but not yet in the College.

By 2015, the elements fell together for the unwritten chapter.

Wake Forest already was leasing Wake Forest Biotech Place, a tobacco building renovated to house research labs for the medical school and biotech businesses. The medical school had moved its public health, nurse anesthetist and physician assistant education programs to Innovation Quarter. The medical education team was slated to move there in 2016.

The finances made Wake Downtown feasible. Reynolds American had donated the tobacco buildings, and Wexford Science & Technology, the developer for Innovation Quarter, was able to offer tax credits of about 50 percent to investors in the \$100 million renovation project.





“In recent years, we’ve  
talked about Wake Forest being  
radically traditional  
and radically innovative. ...

**WE’RE POISED TO  
LOOK FOR OPPORTUNITIES  
THAT CAN ENHANCE AND  
EXPAND WHO WE ARE.**

This is the latest.”

— President Nathan Hatch

**“WE DON’T HAVE AS MANY SUPER GEEKS, AND THAT’S OK, BUT THERE ARE SOME REALLY GREAT SUPER GEEKS.”**

— Rebecca Alexander, associate chair of the chemistry department

The University would lease the buildings, made more affordable by the tax credits and donated buildings.

Hatch and Kersh said the arguments for the move were many, but they had to act fast or they would lose the expiring tax credits. In a year and a half, administrators, faculty and staff did an impressive job of planning, studying and seeking approvals that normally would have taken several years, Kersh said.

“Particularly for a university, we’ve had to go at warp speed to make this happen,” Hatch said.

The fruits were just too good to pass up.

Studies by a consulting group had clearly identified a set of potential top students in science and math who eschewed Wake Forest because it had no engineering program. The consulting group took a deeper dive, did extensive interviews and discovered that an estimated 350 students would come to Wake Forest for an engineering or biomedical program, Kersh said.

“We also know that we’ve never been able to leverage the fact that we have this distinguished medical school ... in fundamental ways on behalf of undergraduates,” Hatch said. “If there’s any cutting edge in our society today, it’s advances in biomedical science and genetic engineering, regenerative medicine. (Wake Downtown) allows our undergraduates to touch those most exciting areas.”

The evolution of downtown Winston-Salem also bolstered the case.

“Five years ago I would have hesitated to put undergraduates downtown because the Innovation Quarter still wasn’t developed enough,” Hatch said. “Is this a suitable area? Now with everything that’s happened, the development of (the former) Bailey Power Plant, a new hotel, various loft apartments ... all of that leads one to say, ‘Wow, this is too good an opportunity to turn down.’”

Innovation Quarter offers exactly the kind of environment companies and institutions are looking to join, said Vey of the Brookings Institution. She is familiar with Wexford, which has financially supported Brookings’ innovation research. Research parks began in suburban areas in the mid-20th century because that was the growth pattern in cities, she said. That is now shifting, nationally and globally, to urban areas with more walkable, interactive spaces and a sense of community.

“You have co-worker spaces, maker spaces, along with all the other amenities, parks, retail, restaurants, all agglomerating in these discrete geographic areas,” Vey said. “Some of this is happening on its own, but we are seeing more often groups of stakeholders are starting to be more strategic about this development. It’s being overlaid with thoughtfulness about what the long-term vision for this place is and how to continue this kind of dynamic growth.”







Professor Rebecca Alexander is helping with the academic transition “to more space, new space in an exciting part of town.”

## Faculty Buy-In

Kersh said discussion groups began looking at undergraduate possibilities in Innovation Quarter, and the idea evolved so positively that by February 2015, five forums were set up for the community, faculty, staff and students. The faculty devised the initial programs being launched, and faculty governance approvals followed. Curricula are in development, and the search is underway for a chair for engineering.



**Rebecca Alexander**, associate chair of the chemistry department and faculty point person for the project, saw the proposals as relief for crowded science labs and classrooms, particularly in Salem

Hall, which was built in 1956 and looks the part. Overall enrollment in chemistry classes has grown 70 percent in 10 years with no new space, said Alexander, who was

named in April as director of academic planning for Wake Downtown. The chance to design new space was alluring. “The square footage per student that we have for our teaching labs is woefully insufficient,” she said. “There’s one classroom in this building where we cram 48 students. ... It’s a lousy place to teach, students are elbow to elbow, and if they’re taking an exam, you have to climb over students’ backpacks to answer a question. There’s not enough room to move chairs around to create small groups to discuss something.”

Faculty’s first choice would have been a new building on Reynolda Campus, but their chance to work side-by-side with medical school faculty, including some who already collaborate with Reynolda Campus professors, will be a plus, Alexander said.

“We kind of can’t say no, because we’ve been saying that we need space, and here’s the opportunity,” she said.

## WITH ITS NEW SPACE, MEDICAL SCHOOL AIMS TO BECOME U.S. MODEL

“Undergraduates shuttling to class downtown” has the ring of a big headline, but the School of Medicine is making its own news as its educational approach evolves.

In July, the medical school and its graduate programs in biomedical sciences moved into Wake Forest Innovation Quarter from the campus at Wake Forest Baptist Medical Center on “Hawthorne Hill.” Medical students, educational faculty and administrative staff joined investigative faculty, graduate students and postdoctoral fellows who had moved there earlier to take advantage of the research labs in Wake Forest Biotech Place in Innovation Quarter.

“We’ve always had a wonderful curriculum, but the new building allows us to move to another level where the curriculum can be highly innovative and nation-leading,” said Dr. Edward Abraham, dean of the School of Medicine.

Interdisciplinary teams are the new model for health care, he said. “The students in all these disciplines need to learn together and how to function as a team,” he said. “Proximity is really important. ... The fact that the space for all of our educational programs is contiguous allows for group learning, which was so much more difficult in our previous separate locations.”

Medical students moved from scattered spaces in Wake Forest Baptist Medical Center into the much more spacious, renovated building called the Bowman Gray Center for Medical Education. It will house 70 full-time faculty and staff, and 190 of about 1,200 faculty members will teach there at various times. Much of the faculty will continue to work at the medical center and other sites.

Administrators visited state-of-the-art medical schools around the country before designing the spaces at Innovation Quarter. An \$850,000 grant from Duke Endowment supported a

new simulation facility, which can be configured in different ways.

“We can have a simulation of a ‘patient’ arriving in the emergency department, and we can have a resuscitation there, then the patient would move into another simulation facility next to it like an operating room, then into an intensive-care unit,” Abraham said. “We can model team interactions in ways that we absolutely couldn’t before. There are multiple other examples, too.”

In the new building, he said, “students will be able to go into simulated exam rooms with actors and actresses providing patient experiences, where the students will be videotaped and graded on their interactions.” The students will continue to see real patients in hospital, outpatient and clinical settings.

“This will be the most contemporary medical education building in the country and a model for other institutions,” Abraham said. The improvements should enhance what is already one of the 10 most competitive medical schools in the country in terms of admissions.

Donna Boswell (’72, MA ’74), who chairs the University’s Board of Trustees and advised businesses in her law practice before retiring, said Abraham had already established a creative environment with researchers and businesses in “research neighborhoods” in Innovation Quarter. The physician assistant and certified registered nurse anesthetist graduate programs already were there, along with the Division of Public Health Sciences.

Now medical students will benefit, too, she said. In their previous location, students could experience the hospital, “but current medicine is not all in the hospital. It’s more in settings in which we try to build healthy lives.”





Some faculty members have expressed concern that the new programs will divert focus and money from core humanities departments. Hatch said the principal funding will come from the additional 350 students' tuition and from philanthropists who wouldn't otherwise give to Wake Forest. "It's all additive," he said.

Administrators said the University remains committed to the College and noted that the current capital campaign seeks to help meet existing departments' needs across disciplines.

Gillespie said the Wake Downtown program is designed to grow gradually, "being very thoughtful, imaginative, and using resources we already have in place." The University will hire some new faculty but plans to draw on Reynolda

and medical school faculty with engineering experience, rather than building a program from scratch, she said.

Alexander is excited about the new students who could be attracted. She knows that many students strong in science and math will consider only schools with engineering — as she did — even though they end up — as she did — choosing chemistry instead.

"Because Wake Forest is a liberal arts collegiate university, we certainly work hard to educate the whole person," she said. "At the same time, though, that makes it sometimes hard for the students who are true geeks, the students who just really want to be in the lab all the time. 'Oh, I gotta take that English class.' They do it — are often glad they did —



Dr. Edward Abraham, the medical school dean, says the new building is designed to increase student engagement. "Information sticks better if you have to grapple with it."







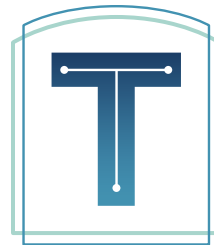


and our students end up both well trained and broadly educated. We don't have as many super geeks, and that's OK, but there are some really great super geeks."

Martha Allman ('82, MBA '92, P '15), dean of undergraduate admissions, said her office prepared brochures in anticipation of the project and shared them when the spring rush of prospective students began.

"It was wildly popular and very well-received," Allman said. "We've also had feedback from guidance counselors who say, 'I hope you're ready because your applications are going to skyrocket.'"

That's not surprising as counselors view employment data. Employee demand for undergraduate biomedical science and technology graduates grew by 58 percent nationally and 43 percent in North Carolina from 2012 to 2014, according to the national Education Advisory Board.



**Those** who come will find the same Wake Forest requirements of old. Students must live on the Reynolda Campus their first three years. A new freshman dorm under construction

can house an additional 224 students when it opens in January, helping to absorb the gradual enrollment growth expected for Wake Downtown. Students will continue to take required liberal arts courses their first two years, though they may choose some courses that boost their engineering or biomedical interests. They still will declare their major in the spring of their sophomore year.

Boswell said Wake's educational model remains the foundation of the downtown academic programs.

"We're not abandoning our Reynolda residential requirement. A part of our educational model is that face-to-face engagement of students and faculty in a residential setting," Boswell said. "This is the era of the eight-second attention span. We want to, while we have them, say, 'Look, there's richness in your fellow human beings and figuring out how to live together and develop ideas.' We hope our model won't be that loner in the lab looking at her computer. It will be a more engaged, thoughtful interaction with other people, which is what you see in Silicon Valley. ... I think we will want to promote that type of community and engagement in the world." [continued on page 44]





Emily Neese has worked with dozens of groups on Wake Downtown logistics, from shuttles to computer networks.

## STITCHING TOGETHER CAMPUSES REQUIRES PRECISION

It's hard to understand why Emily Neese's mind isn't thoroughly bogged by the Wake Downtown project.

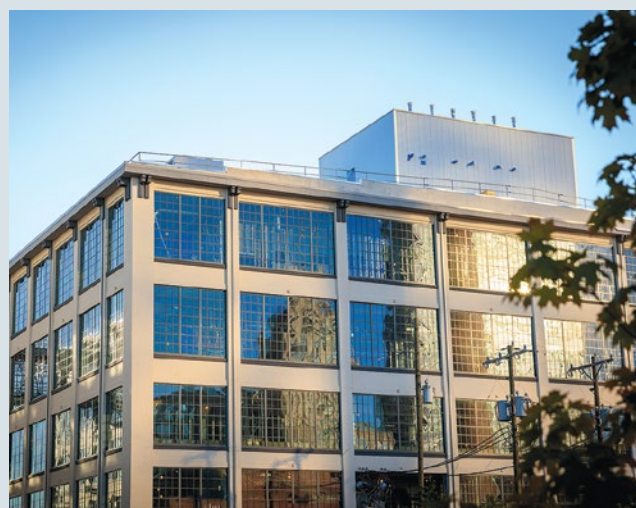
Neese ('81, P '13, '16), associate vice president for strategy and operations, is coordinating with more than 50 committees and subgroups to make sure students and faculty have everything they need to study, work and play on the new downtown campus at Wake Forest Innovation Quarter. When preparing for a move, nothing is as simple as it first seems.

This logistical challenge starts with the shuttles that will need to go between the Reynolda Campus and downtown Winston-Salem about 4.5 miles, or 12 minutes away. The University expects to run shuttles from 7 a.m. to 11 p.m. every 15 minutes, with Reynolda Campus riders able to catch a shuttle within a two-minute walk. They will be dropped off at the front door of the Wake Downtown undergraduate building, a renovated tobacco building.

"We are committed to a robust shuttle service that will ensure that students will choose to ride the shuttle instead of attempting to drive downtown, which means it has got to be really convenient on both ends, both in terms of pickup and drop-off locations and timing," Neese said. "We are emphasizing both convenience and the safety of our faculty and students when we talk about transportation."

Once class schedules are in place, she said, planners will operate from the





assumption that someone on campus will start the journey just 15 minutes before needing to be at Innovation Quarter. By 2021, an estimated 350 students will be going downtown, but that number will grow slowly, “so we’ve got time to monitor and ramp up transportation,” Neese said.

That’s a good thing, because the deadlines for starting Wake Downtown are unforgiving. Two historic tobacco buildings donated by Reynolds American have been undergoing major renovations by Wexford Science & Technology, a developer that specializes in science build-

ings and laboratories. One building houses medical students and faculty. The other next door will be home to undergraduate education.

The project takes advantage of state and federal tax credits that save about 50 cents on the dollar for the \$100 million project. The credits expire at the end of 2016, so moving in by then is crucial. “We are on an aggressive construction timeline until mid-December, when we hope to have our certificate of occupancy,” Neese said.

The University will have a 15-year lease with a couple of renewal options, she said.

The project created the opportunity for greater collaboration between the

medical school and the Reynolda Campus, which historically have not shared services but came together to create a seamless building management plan. The goal is to make the two buildings feel like one interactive building, Neese said.

The security plan is to have multiple security officers at all times and a sworn police officer, such as those on the Reynolda Campus, on duty from 7 a.m. to 9 p.m., the high traffic times for undergrads.

Sharing wireless network connections turned out to be harder than expected. Medical networks have different privacy and patient security issues, but planners didn’t want to force anyone to log out and sign into a different wireless network as students and faculty move between the buildings, Neese said. The planning group has found creative solutions using the medical center’s network with appropriate security layers, she said.

Similar discussions are taking place around such services as physical and mental health care, learning assistance, academic advising and recreation. Will the buildings need one or two sets of Environmental Protection Agency permits and technicians? Can first-year-student activities integrate the newest students downtown? The questions have been daunting.

Rebecca Alexander, associate chair of the chemistry department and director of academic planning for

Wake Downtown, also is focused on logistics, particularly for the academic experience.

“How do we make it as easy as possible for students to satisfy their degree requirements? For classes with multiple sections, can we have downtown and Reynolda Campus offerings?” said Alexander. “How do you make sure, if a student is taking a class downtown, they can get back for other classes or meetings with a minimum of back-and-forth time?”

Wake Downtown will have offices for Alexander and six other chemistry faculty members and four biology faculty members, while other offices remain in Salem and Winston halls. The building downtown will need “touchdown space” or “office hoteling” for those who teach just one course there or need to meet with students, Alexander said.

Splitting departments between campuses is one of the faculty’s concerns, she said, given that “Wake Forest has always been tightly knit.” Of course, some faculty are so busy they rarely see each other even on the Reynolda Campus and might as well be miles away from each other, she said.

“At the same time, as we’re establishing a new community,” she said, “we don’t want to lose out on the community that’s here and very deeply rooted. So it will take a little bit of extra work.”



## Connecting With the City

Alexander said the University will look for opportunities for undergraduates to address the needs of the urban community they will join.

“It would be irresponsible if we brought 18-year-olds to campus who are idealistic, energetic and activist-minded and just sheltered them away ... and didn’t introduce them to some of the challenges that exist in the city and provide them opportunities to be part of that process,” she said. “This is increasing their education, not just in the classroom, but how do we live out our Pro Humanitate mission, not just around the world but in the city we call home? How can we be builders of the community and benefit the community in new ways?”

Kersh, who chairs the Winston-Salem mayor’s “Poverty Thought Force,” already has convened community forums on that topic in Biotech Place in Innovation Quarter and plans more. Having Wake Downtown will boost efforts to interact with the community, he said.

The University also is reaching out to its arts faculty and local arts groups to integrate the visual and performing arts into Innovation Quarter.

“We’re adjacent to the arts corridor in the City of Arts and Innovation. We’ve got the innovation piece, a big check mark there,” Kersh said. “We’d like to make sure the arts is a significant part of this.”





## Growing Our Own Talent

Gayle Anderson, president and chief executive officer of the Winston-Salem Chamber of Commerce, is excited to see Wake Downtown. With Maynard, Santago and others, she has pushed hard to support biotechnology in Winston-Salem.

“What’s important from an economic development perspective, you need engineering talent to completely commercialize almost any discovery that happens, not just in the medical field, but in the broader fields,” Anderson said. “This gives us a toehold in building that talent, growing our own, and as students become familiar with the community, they want to stay here rather than companies needing to bring them in from elsewhere.”

“If we do it right, you’re going to be wowed,” Boswell, the trustees’ chair, said. “If you’re an 18-year-old who wants to work in biomedical sciences, but you don’t know exactly what, we can inspire them to want and think and dream of something even more diverse than just a straight and narrow path to medical school.”

Anderson and Boswell predict alumni will be proud of what they see.

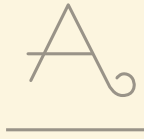
“For alumni to be able to come down and see the impact the University is having on the entire community, there ought to be a real sense of pride and accomplishment for that,” Anderson said.

Boswell said, “Alumni should be excited that, like it has in the past, Wake Forest is addressing the problems of contemporary

society and how our traditions can be deployed to meet and address those problems. It’s not a different Wake Forest from what alumni have known; it’s just that we live in a different time.”

“Our alumni worry that we’ll change out of existence and become just like everybody else,” Boswell said. “But that’s not where we’re going. We say we want to help young people lead lives that matter. You can only lead a life that matters if you are engaged in your current world. This is a set of areas where we haven’t been engaged as deeply as we’re going to be able to do it now.”

*Carol L. Hanner is a book editor, writer and former managing editor of the Winston-Salem Journal.*



# WORLD'S FAIR

— *with a* —

WAKE FOREST  
FLAIR



Illustration by Mark Miller





*the*  
**SETTING:**

**“Meet Me at the Fair,”  
a 2016 first-year seminar**

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*the*  
**CHALLENGE:**

**Plan the 2025  
World’s Fair**

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*the*  
**PLANNERS:**

**16 first-year students**

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PHOTOGRAPHS BY LAUREN MARTINEZ OLINGER ('13)

## THE BACKGROUND:

“For 165 years, these events have represented an international, cooperative effort to bring the best of human cultures and achievements into conversation (and often competition), so it made sense to get students thinking about how Expos have represented – even if somewhat problematically at times – ideas of human progress and how a future Expo might do the same.”

– Ryan Shirey,  
associate teaching professor in the Writing Program  
and director of the Writing Center

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### THE PROFESSORS:

Ryan Shirey, *English and writing*  
Lisa Blee, *history*  
Christa Colyer, *chemistry*  
Louis Goldstein (P '93, '06), *music*  
Katy Lack (PhD '08), *biology and neuroscience*  
Ali Sakkal, *education*  
Christina Soriano, *dance*

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### FACULTY PREP:

A week at Worrell House in London to develop an interdisciplinary, team-taught course focused on global issues and intercultural communication skills, and a group visit to the 2015 World's Fair in Milan, Italy.

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### INSPIRATION:

Previous World's Fairs have introduced the Ferris wheel, the Eiffel Tower, the Space Needle, the telephone, the sewing machine, the elevator, television, touch-screen technology and the ice cream cone.

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### ASSIGNMENT, PART 1:

Study the legacies of previous fairs – including London 1851, Paris 1889, St. Louis 1904, New York 1939 and 1964, Brussels 1958, Montreal 1967 and Milan 2015 – and texts including “Meet Me at the Fair: A World's Fair Reader” and “Expo: International Expositions 1851-2010.”

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### ASSIGNMENT, PART II:

Research and write about what goes into planning a World's Fair: geography, social and political concerns, health care, finances, environmental impact, transportation, infrastructure, educational goals, sustainability, entertainment and marketing.

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### FINAL PROJECT:

On exam day students present their plans for the 2025 World's Fair, showcasing Bogota, Colombia; Hanoi, Vietnam; Accra, Ghana; and Tallinn, Estonia.





# BOGOTA

COLOMBIA

*The theme:*

“Biodiversity: Revealing the Purpose of Every Species in an Ever Growing World”

*One solution:*

A pavilion shaped like a giant armadillo to highlight endangered species

*Meghan Faherty's inspiration:*

“I want to raise awareness about the species and ways to protect it from extinction.”

# TALLINN

ESTONIA

*The theme:*

“Quenching the Thirst of Humanity, Nourishing Global Waters”

*One solution:*

An Aquatic Kingdom pavilion of ocean habitats and species of each continent

*Rex Carr's inspiration:*

“To show how our actions have affected water species and what steps are being taken to improve their quality of life.”

# ACCRA

GHANA

*The theme:*

“Promoting Health to Brighten the Future”

*One solution:*

A “walk of shame” through an artificially polluted room into a brighter, cleaner future

*Meghan Hurley's inspiration:*

“I want visitors to be frightened when they enter because they're going to be walking through pathways filled with trash and thick smog.”

# HANOI

VIETNAM

*The theme:*

“Peace and Progress: In Order to Go Forward, We Must Look Back”

*One solution:*

A pavilion without walls for Doctors Without Borders

*Madi Lyford's inspiration:*

“The right to medical care outweighs respect for national boundaries.”

# WHAT'S YOUR PLAN,

*professors?*

We turned the tables on professors who taught “Meet Me at the Fair” and asked how they would highlight their discipline at a World’s Fair 20 years from now.



Christa Colyer



Louis Goldstein

## LISA BLEE

Associate Professor of History

In some past fairs, visitors have been invited to fill time capsules with items representative of their times. In a World’s Fair pavilion 20 years from now, I would like to see an exhibit of 19th- and 20th-century time capsules and visitors’ reflections on their time at recent fairs. What I imagine such a pavilion will show is that technology and popular culture may be rapidly changing, but peoples’ efforts to understand the diverse world they live in and their individual place within it is a shared endeavor that spans generations. Rather than focusing on progress, such an exhibit would tell a more humbling story of evolution, persistence and connections across time.

## CHRISTA COLYER

Associate Dean for Academic Planning  
Professor of Chemistry and Robert and Debra Lee Faculty Fellow

The chemical giant DuPont presumed very little quantitative literacy on the part of fairgoers at the 1964 New York World’s Fair, and so they dazzled audiences with thinly veiled product advertisements in the form of Broadway-like shows and colorful chemical demonstrations featuring polymers and new synthetic materials. But in 2036, fairgoers will be too scientifically savvy to be passive consumers of corporate science. The idea of science being inaccessible to the average citizen will be replaced with the growing movement of “citizen science,” where everyone can contribute to massively collaborative research projects. What better place than a World’s Fair to serve as a world-wide laboratory with millions of attendees playing the role of scientist?!

## LOUIS GOLDSTEIN (P ’93, ’06)

Professor of Music

I would love to see a World’s Fair with a focus on sound. One aspect of this theme would continue recent World Expo concerns with sustainability and food production in that the phenomenon of sound pollution would be examined; what are the physiological and psychological ramifications of too much sound, and what is the value of silence? But the real hook for me would be seeing pavilion after pavilion with specially designed auditoriums built for the sole purpose of transmitting sound and providing ideal venues for displaying their country’s best and most experimental explorations into using sound to generate beauty and to create nonverbal meaning.



## KATY LACK (PHD '08)

Assistant Teaching Professor,  
Biology and Neuroscience

For my pavilion of the future I would design one that represents the progress made on the Human Connectome Project. The pavilion itself would represent the brain and visitors could walk along white matter tracts to specific brain regions. Of course, we would have to make it interactive and so the visitors would be able to stimulate the brain area in which they are standing and watch as that stimulation initiates “action potentials” that zoom along paths to other brain regions. Hopefully visitors would take away with them an understanding of the beauty and complexity of the brain.

## ALI SAKKAL

Assistant Teaching Professor  
of Education

The 1904 St. Louis Expo proudly displayed the Philadelphia Public Schools as a school system of the future. In the future, as higher education becomes the norm rather than the exception around the globe, I can envision a future expo capturing a magnificent and global system of schooling from prekindergarten to university as a colossal feat of knowledge, organization and technology. A future expo might capture our remarkable abilities to attend high quality learning environments through virtual interfaces that contribute to our ever-expanding notion of a global village.



Ali Sakkal

## RYAN SHIREY

Associate Teaching Professor in the Writing Program  
Director of the Writing Center

I believe (and hope) that future Expos will continue to move to cities and countries around the globe that have had fewer chances to be in the spotlight. To be truly global, Expos need to embrace parts of the world whose relationships to globalization, industrialization and technology might look somewhat different from those in Europe or North America. Expos always become shared experiences that then circulate in creative ways – often through writing. Without the 1939 New York World’s Fair, for example, we wouldn’t have E.L. Doctorow’s novel, “World’s Fair.” From Charlotte Brontë and William Makepeace Thackeray in 1851 all the way to the present, writers have always responded to the sense of possibility that accompanies Expos.

## CHRISTINA SORIANO

Associate Professor of Dance

In my future World’s Fair, visitors would encounter dancing at every participating country’s pavilion; from historically significant dances to current dance forms happening in theatres, museums, street corners or village squares throughout the world. Dance artists from every country would be employed as cultural ambassadors during the fair on a rotating basis, with paid commissions to create site-specific dances, inviting visitors to both watch and participate in the newest dances their country has to offer the world.



# THE

The city of Huaypetue in the Madre de Dios region has experienced the effects of gold mining, as seen in this 2010 photograph.





FATE

OF THE

AMAZON

*A new Wake Forest research center aims to reduce environmental degradation in Peru.*

BY KERRY M. KING ('85)

PHOTOGRAPHY BY RON HAVIV/VII

**IN AN AREA** in which Peru declared a state of emergency last summer, Wake Forest has established a research center to curb environmental threats in the Peruvian Amazon. The Peruvian government declared the emergency to address high levels of mercury poisoning caused by widespread illegal gold mining in the Madre de Dios region in southeastern Peru.

The declaration gives added urgency to Wake Forest's research center, established last March. The new center — funded by \$9.5 million in cash and in-kind contributions — will work with the government and private sector to develop solutions to the mercury problem and to restore the rainforest.

"We have a chance to bring our expertise to bear, to help a country-

sized region of the Amazon develop sustainably," said Professor of Biology Miles Silman, who has worked in the Amazon for 25 years. "Wake Forest houses a lot of expertise that is working to make the world a better place. If ever there was a project I've been involved with that embodies the University's guiding principle of Pro Humanitate, this is it."

The center will be led by Silman; tropical ecologist Luis Fernandez, one of the world's leading experts on mercury in the Amazon; and education and outreach specialist Michelle Klosterman. Below Silman explains the challenges and opportunities in the rainforest.



Amazon rainforest

**Were you expecting the state of emergency, and was this a good step to draw attention to the mercury contamination?**

I didn't anticipate it, but I'm not surprised. I don't know if it is a good thing, but it was a necessary thing. It can have negative effects, too. It can negatively affect tourism. It can affect agricultural exports. It can hit with a broad brush.

**Was Wake Forest involved in the decision?**

Luis (Fernandez) has spent a good part of his career studying mercury in Madre de Dios, most recently at the Carnegie Institute for Science at Stanford University. As the (Peruvian) government was planning for the state of emergency, he provided research and technical support. He was one of the very few scientists to brief the government on the mercury problems and talk about solutions.

**How big a problem is it?**

It's a huge problem. Forty tons of toxic mercury is going into rivers and lakes every year from mining. If you look at the levels we consider to be unhealthy or toxic, four out of every 10 people in Puerto Maldonado are poisoned. When you expose people to mercury, even at levels that don't cause gross physical problems, you rob them of 10 to 15 IQ points. That's immoral.

To put it another way, the (1850s) California Gold Rush left so much mercury in the environment that every time



Tropical ecologist Luis Fernandez researches the impact of gold mining and mercury contamination in Peru (left). Biologist Miles Silman will help lead the new center in building scientific capacity in the region (right). Bottles of mercury, toxic and used to extract gold, await shoppers in Madre de Dios in 2010.



COURTESY OF LUIS FERNANDEZ



KEN BENNETT

there's a flood it moves mercury back into the rivers and into San Francisco Bay. Geologists estimate it will take 10,000 years to clean all the mercury out of the environment. So you're not breaking something for a short time, you're smashing it so badly that you can't put it back together in a meaningful human timeframe.

**How will the center address the problem?**

In the short term, we need to understand where the mercury is, how it moves through the environment and how it gets into people. Drinking water doesn't appear to be a problem. The main way people get it is through eating fish, but there are other ways; some plants concentrate mercury, others don't.

**And in the long term?**

What can we do to make sure that people don't keep getting poisoned and lose the ability to make a livelihood or even the simple ability to catch a



“ WHEN YOU EXPOSE PEOPLE TO MERCURY, EVEN AT LEVELS THAT DON'T CAUSE GROSS PHYSICAL PROBLEMS, YOU ROB THEM OF 10 TO 15 IQ POINTS. THAT'S IMMORAL. ”



Miners use high-pressure water cannons to blast through the Amazon soil, leaving contaminated pits in their attempts to find flecks of gold.



fish and eat it? If it (mercury) gets into crops, can you grow those crops outside the areas (of pollution) or grow different crops that don't concentrate mercury? People won't stop mining completely, so you have to figure out how to mine in a way that doesn't use mercury. Can you give them the tools to develop alternate livelihoods? And you have to figure out how to remediate the most important polluted areas and govern them.

**What other issues will the center address?**

We need to understand the kinds of degradation that have happened in the rainforest. Can you build the scientific capacity (in local communities) for remediation and reforestation? Can you translate that capacity into things that are useful for people who are managing landscapes and for people trying to make a living, while developing and conserving these frontier areas? Can you communicate with and educate the population to support development in a way that doesn't degrade the environment or their ability to live there in the future?

**Why is this region so important?**

This is the largest tropical wilderness left on the planet. It's a place where you can see the world like Lewis and Clark saw it when they crossed the Rockies. It's a place where the last people in isolation are living. It's a place where you have the full complement of predators and animals. It has some of the highest biodiversity on the planet and the most pristine tropical rainforests in the Amazon Basin. We tend to think of these places as far-flung places that don't affect us. Now we know that what happens in the Amazon echoes around the world.

**What changes have you seen in the 25 years that you've been going there?**

When I went first went there, I was a 23-, 24-year-old guy just starting off my career, walking through vast wilderness. We would see something on a satellite image, and we would take a boat and find some local people and get out our machetes and cut our way across the forest for days or weeks to get there. There are still large parts like that, but

there are more roads and more people. Fifteen years ago, it would take close to a week to travel by road from Cusco, the capital of the Inca Empire and a well-known tourist destination, to the smaller town of Puerto Maldonado. Now it takes eight hours, six hours on a good day.

**What brought about the changes?**

There was one (unpaved) road that went into the region, an area the size of South Carolina. The road was paved, and when you improve access, people flood into an area. Put on top of that the (Peruvian) financial crisis, which caused the price of gold to go up, which made gold mining really profitable. Now, there are 250,000 acres that have been destroyed by gold mining, most of it illegal or informal.

**Are you optimistic that damage to the rainforest can be stopped?**

There are still big, protected areas, and the destruction is relatively localized. As areas develop, the question is can you create opportunities so that those areas develop in a way that people and nature prosper? If you don't, you end up getting land uses that aren't good for the environment or people.

**How did the grant to establish the center come about?**

Sarah duPont's (P '05) documentary, "Amazon Gold," on illegal gold mining in the rainforest, really focused the attention of the Peruvian government and people on the issue. (She is president and founder of the Amazon Aid Foundation.) The center (Wake Forest's Center for Energy, Environment and Sustainability) consulted on the movie. We started to think about what it would take to really cause change, not just study the problem or replant trees in mined areas. Luis (Fernandez) was doing really good work in the region and he joined us in 2015. Along with Sarah duPont and Michelle Klosterman, we worked together to come up with a concept that looks comprehensively at the environmental degradation, the governance problems and the local scientific capacity to deal with public health and environmental problems.

# THE CENTER AT A GLANCE

**WHAT:** The Center for Amazonian Scientific Innovation in Peru will bring together U.S. and Peruvian researchers and conservationists to reduce mercury poisoning, restore the rainforest and encourage sustainable development in threatened areas in the Madre de Dios region.

**FUNDING:** \$2.5 million from the U.S. Agency for International Development; \$7 million in cash and in-kind contributions from the Amazon Aid Foundation, Ecosphere Capital Partners/Althelia Climate Change Fund, ESRI Global Inc., World Wildlife Fund and the University of Technology and Engineering in Lima, Peru.

**LOCATION:** Puerto Maldonado, Peru, plus research space at the University of Madre de Dios, the Peruvian Amazonian Research Institute and the University of Technology and Engineering in Lima, Peru.

**LEADERSHIP:** Miles Silman, the Andrew Sabin Family Foundation Presidential Chair in Conservation Biology and director of Wake Forest's Center for Energy, Environment and Sustainability, is the research center's associate director of science. Luis Fernandez, assistant research professor in biology and a fellow in the Center for Energy, Environment and Sustainability, is the center's executive director. Michelle Klosterman, director of academic development and assessment in the Office of Global Affairs at Wake Forest, is the associate director for outreach and communication.

**FACULTY AND STUDENTS:** Other faculty members, as well as students, will also be conducting research in the region and educating local communities about conservation, entrepreneurship, land usage and governance of threatened areas.



SUDARSHAN BHAT

“ WE TEND TO THINK OF THESE PLACES AS FAR-FLUNG PLACES THAT DON'T AFFECT US. NOW WE KNOW THAT WHAT HAPPENS IN THE AMAZON ECHOES AROUND THE WORLD. ”



At left is an example of lush Peruvian rainforest. At right, from 2010, is barren land whose trees have been razed by fortune seekers banking on rising gold prices.



### **What will you be doing there?**

I have a strong research involvement in forest ecology, so I'll be looking at how the forest recovers after disturbance, flying unmanned aerial systems to monitor forest regeneration and protected areas; and helping for-profits — like companies doing responsible logging — and (local) governments to govern this landscape. I'll also be developing partnerships to build up scientific and human capacity in the region. We have assembled a team of the best people in Peru. They feel the urgency of the problem and that this is their time to do something important for their country.

### **How unique is this partnership among Wake Forest, the U.S. and Peruvian governments, and environmental groups?**

Duke has a public health effort looking at mercury, but we are the only university doing something this comprehensive and with deep local partnerships. This is a model that could be replicated in other frontier areas. It's not just a

scientific study to find out where mercury is flowing. It lets us think about the underlying causes of the problem and how to address them. I don't think of us as an environmental organization. We're like scientific extension agents or sustainability extension agents.

### **Let's say that we meet again in three years to assess the center's progress. Complete this sentence, "I'm happy to announce that the center has \_\_\_\_"**

... provided the platforms so that this landscape can be governed. We've helped individuals develop enterprise on their lands that's environmentally friendly. We've helped the Peruvian government and private sector succeed in reforestation efforts. We've helped develop one of the top national universities in the area. We've left behind capacity for people to make public health decisions at the local level. We've provided a spark for entrepreneurial activity and sustainable development. And we've worked to build a highly talented Peruvian team.

# WAKE FESTIVAL CAPES

DO NOT OPEN UNTIL 2116


By Cherin C. Poovey (P '08)

ILLUSTRATION BY  
DANTE TERZIGNI









# IMAGINE, IF YOU WILL, THE WAKE FOREST CAMPUS OF 2116.

Students glide between dorms and classes on a high-speed rail system that connects Tribble Hall, Innovation Quarter and Cook-Out on University Parkway. The Wait Tower Jumbotron broadcasts news, trending hashtags and, on Flashback Friday, music videos by Adele and Pharrell, Beyoncé and Bieber.

Pit food trucks hover at each point of the Hex, a once-rectangular commons known affectionately as the Quad. And Wake the Library, decades earlier a wildly popular exam-relief event, is the name of an all-night microgreens bistro.

While none of us knows what the campus of the future may look like, we doubtless have ideas about what we'd want future Deacs to remember about this place so dear to our hearts. Wake Forest Magazine asked readers about the memories they'd share in a 22nd-century time capsule. Suggestions ranged from the historical to the hysterical, the practical to the sentimental.

**If only we could be on the Hex  
when it's opened.**



## Julie Davis Griffin ('69, P '00)

To represent my time at Wake Forest in the '60s I would choose my tambourine. The female cheerleaders all used them at football and basketball games, and I banged that tambourine on my hands and basketball courts across the ACC til the head came off it. Some of my happiest memories were cheering for the Deacs — actually they still are. We were the only school that I know of that used tambourines, and I'm not sure how that started. I know I have the tambourine around here somewhere but I haven't been able to put my hands on it. I'm pretty sure the ACC outlawed them because they were noise-makers, but they sure were fun and something special about Wake at that time for me.

## Hu Womack ('90, MBA '00)

Three lapel pins, one from the Wake Will campaign, one from the LGBTQ Center, and one from "New Deac Week," represent Wake Forest in 2016. I wear these almost every day, and they remind me of the amazing things happening right now at WFU. Wake Will is helping the University grow in new and exciting ways, the LGBTQ Center, the Intercultural Center and the Women's Center show the University's commitment to diversity and inclusion, and the pin given to new students at "New Deac Week" represents our commitment to traditions and Pro Humanitate.



## Madeline Stone ('16)

I think I would put my ThinkPad in the time capsule. The Class of 2016 was one of the last classes to get ThinkPads, so that's significant in and of itself. Beyond that, though, Wake kids love to decorate the back of their ThinkPads with laptop stickers. As we collect laptop stickers over the years, our ThinkPads become a collage of who we are. Mine, for instance, has several Texas stickers as well as some Theta stickers, a Vineyard Vines sticker, a Bojangles' sticker, a Camino sticker, a Reynolda Film Festival sticker, etc. Other people have stickers indicating where they did work-study (Benson, ZSR, Museum of Anthropology). Some student groups, like the Lilting Banshees, have their own stickers. I think any Class of 2016 kid who found a sticker-covered ThinkPad in a time capsule would instantly know what that was about and be taken back to their college days. The stickers allowed us to express our individuality.



## Reggie Mathis ('06, MDiv '09)

If I were going to put ANYTHING in a Wake Forest time capsule it would be a Cook-Out milkshake cup. I know it's not exactly a Wake Forest-related item, but then again, it may be in way of tradition. As much time as I spent eating in the Pit I spent frequenting Cook-Out at 1 and 2 a.m. It was as vital to my Wake Forest experience as the books I used in class because the "Cook-Out Run" came in the stillness of the night when thoughts were racing through my mind like horses on a derby's track. While every day brought new ideas and challenges, the milkshake was always the same: consistent, dense, vanilla, plain and smooth. It never changed. It never varied. It was loyal. I found solace in its simplicity, and I needed that simplicity to carry me through the vagaries of the difficult semesters. Without a doubt, if I were going to pick one thing it would be that.



## Beth Dawson McAlhany ('89)

High top paint-penned Chuck Taylors: In Greek life, many society girls wore high top Chuck Taylors when pledging. Still have mine in the attic! A tape of Coach Prosser on the radio quoting Keats or Yeats in his postgame analysis. Dr. Wilson must have adored him. A framed photo of "The Shot." Any good Deac knows what that is. 1988 Presidential Debate photos. I have some favorites :-)

## Jarrod Atchison ('01, MA '03)

My initial instinct would be to put the first trophy Wake Debate ever won against another college: 1897 versus Duke. It is in our (Carswell Hall) trophy case now.

## Amber Burton ('15)

The sundress I wore to my first WFU football game. No Wake Forest student ever forgets their first football game. For girls part of the excitement is picking out a sundress to wear. I don't remember who we were playing that day in 2011, but I do remember attending the game with two girls who became my best friends and rolling the Quad for the first time later that evening.







### Deb Richardson-Moore ('76)

My suggestion for a time capsule would be the lyrics for “Rugged But Right,” the introductory Fidele song for the Greek Spring Sing competition. Here’s the reason: Last spring my best friend from childhood told me that her mother was causing a riot among the nurses and therapists in her physical rehab facility by introducing them to an old song called “Rugged But Right.” I said, “That sounds familiar. I think my sorority in college sang something like that.” Over the next day, the lyrics — and the memories of wearing floor-length gowns and singing under the leadership of Sis Crowder — came back to me in bits and pieces, after 40 years.

*Oh ... we just dropped in to tell you  
That we're rugged but right.  
The good Fidele sisters serenading tonight.  
Ho-ho-ho-hoping that you'll love us just as  
we all love you.  
Hoping that you're knowing that without  
you we're blue.  
Oh, we've got the spirit that will never die.  
There's nothing like the sound of a  
Fidele sigh.  
We are the dashin', darlin' Fidele sisters  
singing tonight.  
We just dropped in to tell you that we're  
rugged but right.  
We are the Fideles ... bom, bom, bom, bom.  
Serenading toniiiiiggggght.*

Now, of course, I can't get it out of my head.

### Emily Brewer ('98, MA '03)

Sadly, I don't have a Ziggy's ticket to scan or a picture of Vegas, but I suspect that many alumni — and particularly the English majors — still have on their shelves the anthologies of the canonical British Romantic poets that Ed Wilson ('43) taught in 316 Tribble Hall for decades. The late Chaplain Ed Christman ('50, JD '53) sent out weekly reminders about the ecumenical chapel service he held in Davis Chapel Thursday mornings at 11 a.m., a time when no classes were scheduled so that students could go to what was once required — but long since by 1994 — an optional service. That Chaplain Christman took the time to personalize these postcards made me feel all the more valued.



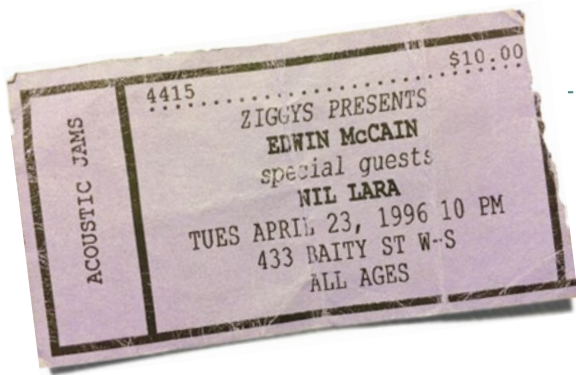
Dear Epiphanic Person, *Emily*

What's an epiphanic person? A person "caught" in the season of the Church year that tells us about Jesus in trouble with his parents, conducting a seminar at the Temple at age 12. Jesus would soon be in trouble with religious and political people who opposed God being open to everyone! I hope you are epiphanic and are open to hear James Howell, United Methodist Church of Davidson, and Chi Rho of Wake Forest.

*Keep writing!*

Epiphantically,

*Ed Christman*  
Ed Christman



## Linda Carter Brinson ('69, P '00)

I can't think of anything better to put into a Wake Forest time capsule than an issue (or two or three) of Old Gold & Black. Like any good newspaper — and it's long been a good one — OG&B presents a snapshot in every issue of not only what's happening on campus but also what's on people's minds. Turn the pages, and you see events, styles, amusements, controversies, discussions — the mind and heart of the University, as seen through the eyes of bright, passionate students. And, as of last January, OG&B has been "covering the campus like the magnolias" for 100 years.



## Bill Wells ('74)

David Smiley's beret ...  
Mark Reece's pipe ...

## Pete Zambito ('97)

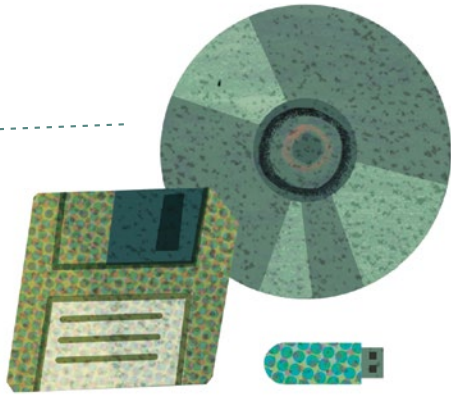
Here is a ticket from beloved Ziggy's, the place to catch great bands at a small venue for a small price within walking distance from campus. Before they played arenas, you could see Edwin McCain, Vertical Horizon, Dave Matthews Band, Hootie and the Blowfish and They Might Be Giants for \$10 or so. Great times!

## Dean Shore

I would include this 2013 photo I took of Arnold Palmer ('51, LL.D. '70) riding with the Deacon. They had prepared to ride Mr. Palmer out on a golf cart but at that moment asked him, "Mr. Palmer would you want to ride on the motorcycle?" His answer was wonderful. He said, "I'm almost dead. I'm going on the motorcycle." So classic!







### Mike Toth ('79)

It's easier to say what not to put in: just about any electronic media. Original documents, even our cheap paper "blue books" for test answers (need at least one of those), would probably last longer than electronic data. Having said that, I think floppy disks, a CD and a USB chip would offer an interesting Rosetta Stone of electronic data, with perhaps a memory board from an original Wake Forest student laptop. Based on my experience with parchment that has survived intact for over a

millennium, I'd suggest an original sheepskin diploma (last issued in 1982) and any other Wake Forest historic documents on parchment. As a single artifact representing so much of the University's legacy and history, I'd have to go with the Alexander Meiklejohn Award for Academic Freedom. Wonder what technology, research and scholarship will be needed to really understand these and all the other items — and put them in context?



### And some Wake Forest Magazine staff picks ...

A Pro Humanitate Day T-shirt with the hashtag #GoodWearsBlack ... earbuds ... drone that filmed campus video ... Amazon boxes, the new care package ... magnolia seeds from Manchester Plaza ... Lilting Banshees neon yellow flyer ... Quad brick ... parking ticket ... daffodils ... Starbucks cup ... "Forestry 101" ... a beeswax candle ... a paper airplane from Orientation ... a hammock ... a yoga mat ... acceptance letter from Bill Starling ('57) ... Tangerine and Orange Bowl T-shirts ... copy of the Fall 2016 Wake Forest Magazine







A decorative border of various colorful paper clips (orange, blue, green, red, black) arranged in a circular pattern around the central text.

## Expect to see expanding options for shorter, intensive study-abroad programs

Wake Forest continues to be a leader in global education. By the time they graduate, 60 to 65 percent of undergraduates will have had an international for-credit experience, says David Taylor (MALS '11), director of global abroad programs. What's next? More of what he calls "embedded programs" in which students attend classes taught on campus that incorporate an international, academic component to complete the course. "The option or opportunity to do a 10-, seven- or five-day international component is really appealing," he says. "I think we will see more, and frankly, we're open to it."

Last spring, **Professor of English Dean Franco** taught a three-credit-hour course called "Secular Cultures of the Jewish Diaspora" on campus, capped by 10 days in Venice with his students. By design his course coincided with Venice's yearlong commemoration of the establishment of the world's original ghetto 500 years ago. What follows is Franco's account of a global microexperience, a form of study abroad growing nationally.

PHOTOGRAPHY BY  
UGO CARMENI



**IN MAY 2016**, I traveled to Venice with my students as part of a unique approach to study abroad. My students and I learned about Jewish history in Venice and in Italy at large, and we contributed to the ongoing vitality of Venice as a crossroads of Jewish cultural practices.

The Venetian Ghetto — named for the *geto*, Venetian for “metal foundry” — was the first such walled, segregated sector for Jews in Europe. The name and the practice were subsequently implemented in Rome later in the 16th century, and then across Europe in the 17th and 18th centuries. The Jews of Venice were forced to live in the Ghetto until Napoleon’s conquest, and Jews continually inhabited Venice’s Ghetto through the 20th century. Home to five synagogues, and a melting pot of Jewish traditions from Italy, Germany, Spain and the Levant, the Ghetto was the site of intensive Jewish cultural innovations in poetry, philosophy, liturgy, music, language and food.

Today the Ghetto is a site of renewed Jewish artistic and intellectual activity, organized by The Venice Center for International Jewish Studies, headed by Wake Forest’s Shaul Bassi. Charismatic and exceedingly energetic, Shaul teaches Italian language classes at Wake Forest’s Casa Artom in Venice and literature at Ca’ Foscari University. He is also the lead organizer of a variety of Ghetto commemoration projects, including the first staging of Shakespeare’s “The Merchant of Venice” in the Ghetto in July.

Shaul and I had formed a great rapport when I taught at Casa Artom in fall 2009 and spring 2015. He and I share an interest in understanding the political and cultural history of the Jewish diaspora, and we both approach Jewish Studies as a crossroads for encountering the ethics and politics of racial and ethnic identification. When I learned of his plans for the Ghetto anniversary, I knew it would be a rare opportunity for Wake Forest students to study the unique cultural heritage of Jews in Venice. Thinking broadly, I also anticipated that the experiences and cultural practices of the Jews of Venice could teach students about contemporary crises of migrants and refugees.

I organized the course to address a basic question, which the students turned over and over across the semester: how do secular expressions of Jewish culture produce Jewish belonging across history and geography? Our question was aimed at understanding the interplay of continuity and change in Jewish history, and we were also mindful of the broader frame of racial and ethnic identities in general. We asked: how do Jews claim belonging amid displacement, cultural continuity in contexts of persecution and a sense of peoplehood beyond the borders of any given nation? Students read about traditions of Jewish secularity, watched Jewish films such as “The Jazz Singer”



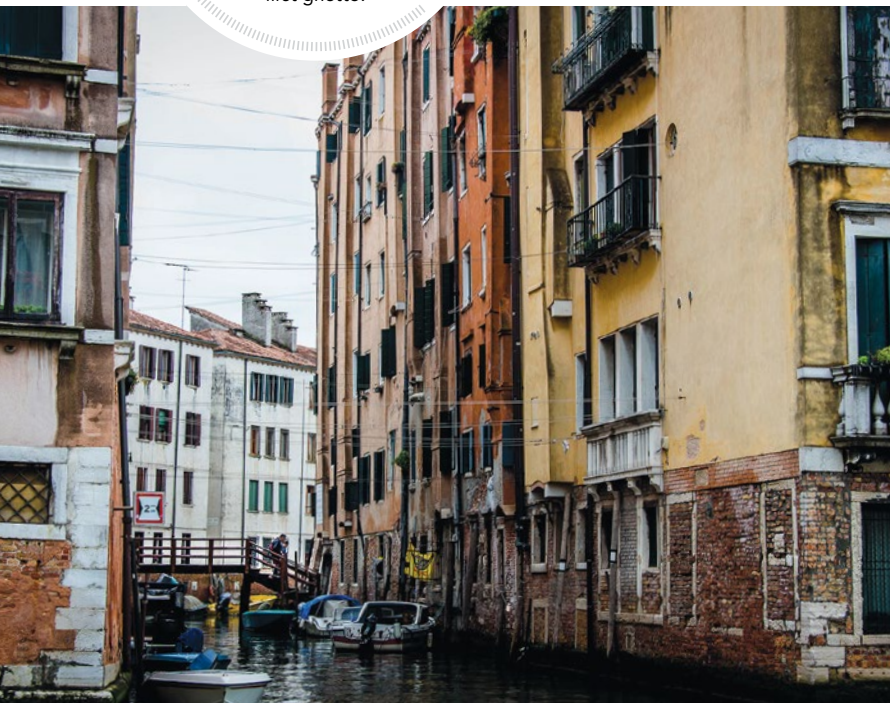


**Opposite:** Professor Dean Franco sees Jewish Studies as “a crossroads for encountering the ethics and politics” of community dispersal. **Above:** The class spent the first day on a walking tour. **Below:** This Venetian bridge is considered the backdoor to the world’s first ghetto.

and “A Serious Man,” sampled the neo-Klezmer musical movement and read literature by Emma Lazarus, Sholem Aleichem, Philip Roth and Gary Shteyngart.

The visit to Venice included history, the artistic and intellectual future of Jewish Venice and global Jewish cultures. Still jetlagged from arriving the night before, on our first full day the students and I trekked across the city to meet Professor Monica Chojnacka, a leading scholar of Venetian history who also teaches at Casa Artom during regular semesters. She led us on a walking tour, including a study of the architecture and social contexts of Jewish, Muslim and German communities in Venice. Indeed, the architecture held many cultural stories. Ghetto buildings stood out not for their style — they are indeed rather plain — but for their exceptional height: we learned that Jews were not allowed to build out, so they built up.

Students learned about Sara Copia Sullam (1592-1641), Venetian Jewish poet and philosopher, known for her cultural salon in the Ghetto.



SAMI LEE ('17)



**“We  
asked: how  
do Jews claim  
belonging amid  
displacement. ...”**

**– Dean Franco**





We visited the Banco Rosso, the sort of bank where Shakespeare's Shylock would have set up shop. We traced the path of Jews who were transferred to concentration camps during World War II and mapped the path surviving Jews walked back to their neighborhood at war's end.

Later in the week, Shaul came to Casa Artom to teach us more about the Ghetto's 20th century history and his family's having fled just before the deportation of Venice's Jews. He also treated us to an insider's view of rehearsals for "The Merchant of Venice."

The highlight of the program was the residency of two renowned Jewish artists, whose visit to Venice was supported by grants from the Humanities Institute and the Provost's Office for Global Affairs. Gary Shteyngart, whose best-selling books include the novel "Absurdistan" and the memoir "Little Failure," guest-taught a class at Casa Artom and gave a public reading and interview, co-hosted by Shaul and me. Shteyngart's writing, about post-Soviet Russian Jews in America, provides insight into yet another dimension of the international Jewish experience.

That same week our second guest, the musician Josh Dolgin, who performs as "Socalled," flew to Venice for a class-session and public concert at the trendy arts venue Spazio Aereo. Dolgin performed at Wake Forest in 2011 as the leader of Abraham Inc. A beat artist and Yiddish culture revivalist, in his Venice concert he rapped, played a variety of instruments, improvised with the house Klezmer band and gave shout-outs to professors and students. Both Shteyngart's reading and Dolgin's concert were part of the "Beyond the Ghetto" cultural event series, the leading events organized for the Ghetto's 500th anniversary. My students and I were proud to have an active role in that commemoration, and equally proud to introduce these energizing, eclectic, and creative Jewish artists to Venice.

I must add, along with the studies, we made sure to enjoy the many splendors of Venice. In case you were wondering, 10 days is indeed enough time — perhaps just the right amount! — to sample and rank every gelato shop in town. Great espresso, pastry and spritz kept us moving (or slowed us down), and nights were filled with communal cooking and festive rounds of Bananagrams.

Though the class is over, we're not quite done. This fall, the students will showcase their final projects at a symposium on "Diaspora and Race" sponsored by the Humanities Institute. Projects include investigations of Jewish culinary identities, photographic comparisons of Jewish neighborhoods, studies of migrant communities in



SAMI LEE (17)



**Opposite:** Rebeckah Pace, a junior, explored Venice as a site of renewed Jewish artistic and intellectual activity. **Above:** Gary Shteyngart, author of the New York Times best-selling memoir "Little Failure" about his American immigrant experience, served as a guest teacher. **Below:** The walking tour introduced students to the architecture and context of Venetian communities.

Europe, even a short story meditating on Jewish belonging. The symposium will showcase how Jews continually reinvent the bases of belonging, suggesting how social identities may persist even as they transform. We hope to add a new dimension to campus conversations about race and ethnicity.

I'll be teaching this class again, taking more students abroad to study Jewish Venice. I expect the course to become a popular staple of the curriculum for the recently established, interdisciplinary Jewish Studies minor. Things are changing at Wake Forest: new students, new curriculum and new models for study abroad. But as our course investigation of Jewish Venice showed us, change and innovation are the lifeblood of continuity.



1



4



5



Bierbach

2



6



7

To read more about *Around the Quad* items, search highlighted terms on the Wake Forest website.

**1** Wake Forest is in the midst of a 10-year, \$625 million construction effort to offer the best residential college experience in the country. Since July 1, 2015, the University has invested \$55 million in construction and renewal projects. Milestones include: Celebrating the grand openings of the **Sutton Center**, an impressive extension of the historic **Reynolds Gymnasium**; **McCreary Field House**, an expansive indoor practice facility for student-athletes; a building adjacent to Worrell Professional Center for the **health and exercise science department**; and renovations in the **Worrell Center/School of Law**, including a transformative central commons; breaking ground on a next-generation South Campus **residence hall** and extensively renovating several of the 1950s residence halls surrounding Hearn Plaza. The University has completed more than \$325 million in construction projects over the past five years and has plans for \$300 million more over the next five.

**2** Six faculty recently received **Wake Forest Faculty Fellowships**. The program provides financial support to honor the University’s best teacher-scholars. Recipients were: **Uli Bierbach**, professor of chemistry, the Levison Faculty Fellowship; **Rob Erhardt**, assistant professor of mathematics and statistics, the Sterge Faculty Fellowship; **Tiffany Judy**, assistant professor of Romance Languages, the Baker Family Fund Faculty Fellowship; **Claudia Kairoff**, professor of English, the MacDonough Family Faculty Fellowship; **Frank Moore**, assistant professor of mathematics and statistics, the Sterge Faculty Fellowship; and **Raisur Rahman (P ’10)**, associate professor of history, the Henry S. Stroupe History Faculty Fund Fellowship.

**3** Last June when the **U.S. Supreme Court** ruled in favor of the University of Texas against the anti-affirmative action suit brought by plaintiff Abigail Fisher, **Justice Samuel Alito** wrote a dissent which cited the work of Professor of Sociology **Joseph Soares**. Alito wrote that public universities had no compelling reason “for maximizing SAT

scores” because Soares’ work and Wake Forest’s experience showed that students selected without test scores do brilliantly in college. The justice referenced Soares’ book, “SAT Wars: The Case for Test-Optional College Admissions,” noting that “Approximately 850 4-year-degree institutions do not require the SAT or ACT as part of the admissions process. This includes many excellent schools.” The Justice continued, “In 2008, Wake Forest dropped standardized testing requirements, based at least in part on the perception that these tests are unfair to blacks and other minorities and do not offer an effective tool to determine if these minority students will succeed in college.” Alito noted Soares’ research found that “The year after the new policy was announced, Wake Forest’s minority applications went up by 70%, and the first test-optional class” exhibited “a big leap forward” in minority enrollment.

**4** The 2016-2017 **Secret Artists Series** season opens Oct. 13 and features everything from early music to contemporary classical and small ensembles to a full orchestra. Guest



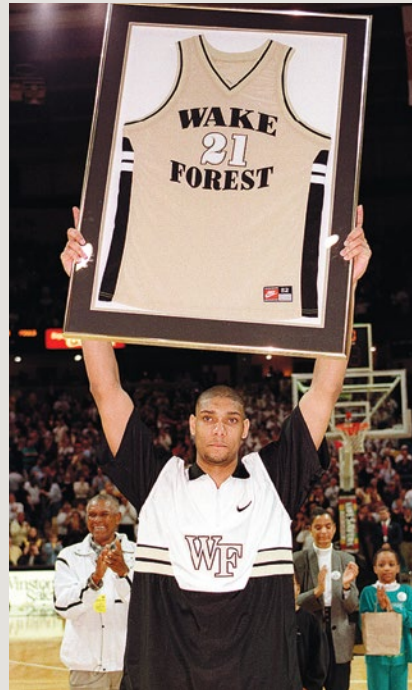
performers include Fretwork; Classical Savion; eighth blackbird; Orchestre National de Lyon, Leonard Slatkin, conductor and Gil Shaham, violin; and Alina Ibragimova, violin, and Cédric Tiberghian, piano. For schedule and ticket information go to [secrest.wfu.edu/2016-2017-season/](http://secrest.wfu.edu/2016-2017-season/)

**5** The Office of the Provost approved a one-year planning grant to establish the **Eudaimonia Institute** to study human flourishing. The institute aims to create an interdisciplinary intellectual community of researchers, scholars and students to investigate the nature of eudaimonia — Aristotle’s word for “happiness,” “flourishing” or “well-being” — as well as the political and economic institutions, the moral beliefs and attitudes, and the cultural practices that enable and encourage eudaimonia. **James Otteson**, the Thomas W. Smith Presidential Chair in Business Ethics, is executive director.

**6** How cold/hot is it? Two new weather stations installed on campus answer that question around the clock. The **WeatherSTEM stations** are on top of the Miller Center and the scoreboard at BB&T Field. They use a combination of weather instruments and sensors to take environmental measurements and offer frequently updated details on temperature, humidity, the heat index, barometric pressure and much more. Each station includes a sky camera, with one directed toward Kentner Stadium, Farrell Hall and Wait Chapel, while the other is directed across BB&T Field. Follow the stations on social media: on Facebook at Wake Forest Weatherstem and Wake Forest Football Weatherstem; and on Twitter @WakeForestWx and @WFUFootballWx.

**7** On behalf of the Wake Forest Police Department, Chief **Regina Lawson** received the Community Connections Award from LiveSafe, which produces an app for mobile devices intended to help colleges and universities, school systems and corporations bolster security efforts. Wake Forest began using the LiveSafe app last fall.

**8** The Quad was abuzz July 11 when favorite son **Tim Duncan ('97)** announced his retirement from professional basketball. After all, Duncan is by consensus the greatest student-athlete to ever wear the Demon Deacon uniform. He won 97 games at Wake, the most of any player in program history, was two-time ACC Player of the Year and three-time All-American. He led the charge to back-to-back ACC titles in 1995 and 1996.



Then came residual buzz when Ben Cohen wrote in **The Wall Street Journal** about a side of Duncan many fans may not have known: his “other career” as an academic psychologist. That’s right, Deacon Nation, our tall, talented and selfless No. 21 gets credit for an assist to Professor of Psychology Mark Leary’s chapter in the book “Aversive Interpersonal Behaviors,” published nearly two decades ago with the aid of research from undergraduates Richard Bednarski ('96), Dudley Hammon ('96, MD '05) and yes, Timothy Duncan. The chapter title? “Blowhards, Snobs and Narcissists: Interpersonal Reactions to Excessive Egotism.” (“There has never been an NBA player, let alone a future Hall-of-Famer, who was less of a blowhard, snob or narcissist,” Cohen wrote.)

Duncan’s stint in academia was sidelined by his stellar NBA career, but many years later the San Antonio Spurs came to Charlotte and, Cohen wrote, the legend was reminded of his own research when Holly Chalk, a McDaniel College psychologist, presented him with a copy of the book and asked for his autograph.

“He had never seen it,” she said. “I’m an academic, and my friends are geeks. So whenever they saw it, they said: ‘Who’s Tim Duncan? I’ve never heard of him.’”

Perhaps they could use some research assistants. Volunteers?

## Trending on Instagram: an alumna's \$75 gift

By Kerry M. King ('85)

Jocelyn Garber Hogan ('04) wasn't expecting anything in return when she made a \$75 gift to the Wake Forest Fund in February. A thank-you note, perhaps, but that was about it.

She wasn't expecting to be feted and honored as the 50,000th donor to the Wake Will campaign. She wasn't expecting a chauffeured car to take her and her husband, Curtis, to the Wake Will event at the NASCAR Hall of Fame in Charlotte in April. And she wasn't expecting the Demon Deacon and President Nathan O. Hatch to present her with a "Certificate of Donorship" during a boisterous pep rally-style celebration.

It was a wild evening for an alumna who had never made a donation before. "I'm sure that there are a lot of alumni who donate more than \$75, so it was cool that they recognized someone like me," said Hogan, a veterinarian who lives in Taylors, South Carolina, about an hour and a half west of Charlotte.

Hogan had kept up with friends but had lost touch with the University after graduating as she moved around, first to Kansas – to earn a degree in veterinary medicine from Kansas State University – and then to Louisiana for an internship and residency program in small animal internal medicine at Louisiana State University. She joined Upstate Veterinary Specialists in Greenville, South Carolina, in 2013.

In February, a student called her for a donation to the Wake Forest Fund. Their conversation rekindled good memories, said Hogan, a biology major and member of Kappa Delta sorority who was on the equestrian team and worked summers at Professor of Biology Pete Weigl's orchards.

"I loved Wake Forest and think the experience and opportunities that I had there were so valuable," she said. "The relationships and friends that I made allowed me to develop as a person and as a professional."



'It was cool that they recognized someone like me.'

The student's call came at the right time to renew her Wake Forest ties and make her first gift, even though she still has student loans from veterinary school to repay. "I had always intended to give back when I had the opportunity and was in a position to do that."

She wasn't expecting all the hoopla that came with the gift or for her photo from the celebration to trend on Instagram. "Friends I haven't heard from in a long time said 'I saw you on Instagram.' And it was really cool for my husband to see what Wake's about."

Now that she's made her first gift to Wake Forest, does she expect to make another gift? "It was the best \$75 I've ever spent in my life," she said. "How can I not give every year?"



# REMEMBER WHEN?

Date may be wrong, but dedication of cornerstone was a momentous event

By Kerry M. King ('85)

The year is there in huge numbers on the Wait Chapel cornerstone, but the cornerstone wasn't actually dedicated in 1952. A nationwide strike by steelworkers during construction of the chapel delayed the dedication of the cornerstone until Oct. 3, 1953.

The occasion was so significant that Saturday classes on the Old Campus were canceled.

Fourteen busloads of students made the trek to Winston-Salem for the ceremony (and the Wake Forest-Villanova football game later that day in Bowman Gray Stadium). Junior Hap Perry, driving a blue sedan decorated with black and gold crepe paper, led the bus caravan.

The ceremony began with the college band playing "Dear Old Wake Forest" from the tower of the unfinished chapel. The featured speaker, North Carolina Sen. Alton Lennon (JD '29), told the 2,500 people gathered in front of the chapel, "We are changing the site of Wake Forest, but not its spirit."

A copper box filled with dozens of items — newspapers, Baptist church documents, a copy of the speech given by President Harry S. Truman at the 1951 groundbreaking ceremony, a fragment of a bell from the original Wait Hall and a King James Bible saved from Wingate Hall after the 1934 fire — was sealed and placed in the cornerstone. Stephen Stroupe ('66, P '97), the 8-year-old son



Chairman of the Board of Trustees William Conrad

of History Professor Henry Stroupe ('35, MA '37, P '66, '68), dropped in a letter addressed to "boys of my age in the future."

Law students Hugh Wilson ('51, JD '56, P '82) and Bernard Harrell ('52, JD '54, P '82, '90) held a dedication ceremony of their own. They brought a 1-foot tall magnolia seedling from the Old Campus and planted it on the plaza in front of Wait Chapel. The students noted that the seedling represented a "livery of seizure" showing that Wake Forest had taken legal control of the property. Law Professor Leonard Powers had a lighter thought: "Did you ever think that your children might someday sit under this very tree and smooch?"

Cornerstones for the Z. Smith Reynolds Library and the science building (later named Salem Hall) were also dedicated. The library cornerstone was filled with college publications, photographs of the Old Campus, rules for library usage, a brick fragment



from the Heck-Williams Library and a list of the names and addresses of every undergraduate. The science-building cornerstone included a magnolia leaf, a list of native trees on the Old Campus, a vial of earth from the site of the Calvin Jones House and a specimen of Red Algae collected and mounted in 1883 by biology professor and later Wake Forest President William Louis Poteat (1877, MA 1889, P 1906).

"Everything from dirt and stone to copies of the Bible were put into the cornerstones," the Old Gold & Black reported. "Students of many generations removed will undoubtedly find the contents of the cornerstone as interesting and possibly surprising as students of today find relics of the past."

The cornerstones have never been opened.



*It has been an honor to serve my alma mater as president of the Alumni Association the last two years. I'm pleased to welcome Glenn Simpson ('78, MBA '80, P '09) of Houston, Texas, who is beginning his term as president. It's amazing what an impact a decision I made as an 18-year-old to attend Wake has had on my life. It has been very rewarding to "give back," and the Alumni Council has been the most rewarding of my volunteer experiences. I have met so many alums that went to Wake in many different generations but we all have a connection. It's what makes Wake so special.*

Sarah Young Taylor ('79) // President, Wake Forest Alumni Association

LET US HEAR FROM YOU

Have a question? Contact the Alumni Engagement Office at 800-752-8568 or [alumni@wfu.edu](mailto:alumni@wfu.edu)



Party So Dear

Return to the Forest and reconnect with friends and classmates during Homecoming weekend, Oct. 28-29. Some surprises and big changes are planned this year. An all-alumni party Friday night on Manchester Plaza (Magnolia Court) featuring The Spinners will set the mood for a rockin' weekend. Some alumni may remember The Spinners' appearance at Homecoming in 1978.

We'll also roll out (literally) a really big surprise that will change how we reach out to alumni. The Streakin' Deacon Tour will be going to cities in North Carolina this fall and crossing state lines next year. We'll also be introducing an alumni engagement program to show how you can **Discover, Engage, Advocate** and **Commit** to Wake Forest.



GET YOUR DEAC ON OCT. 28-29

[homecoming.wfu.edu](http://homecoming.wfu.edu)  
Registration deadline: Oct. 21

Come back to campus Friday for an afternoon of open houses and three "Back to the Classroom" options: learn about fraternities and sororities at Wake Forest today with the new Greek Alumni Advisory



Board; take a look at your professional life in small-group mentoring at a "career check-in"; and hear some final thoughts on the unpredictable presidential election with Politics Professor Katy Harriger.

Start your Homecoming Saturday morning with the traditional Festival on the Quad with food, games and music. The alumni tailgate is back on Baity Street this year but with a new layout and expanded menu, live band and activities for young Deacon fans. (Time for Festival on the Quad will depend on the Wake Forest-Army football game time, to be announced in mid-October. If the game is at noon, the festival will be after the game.) Visit [homecoming.wfu.edu](http://homecoming.wfu.edu) for more events.

CLASS REUNIONS

For the first time, all classes celebrating reunions (classes ending in "1" and "6") will have dinners or parties on campus Friday night. Classes will gather in some new hotspots, including McCreary Field House and Sutton Center, as well as traditional hangouts including the Benson Center and the Magnolia Room. If your class isn't celebrating a special reunion, don't despair! You're welcome to attend a class party or dinner near your class year, but be sure to register.



## 1940s

**Carlos Cooper ('49)** wrote a book, "Reflections of 70 Years," on his experiences as an Army medic in Germany from 1945 to 1947. He is a retired podiatrist and lives in High Point, NC.



**Geary ('51)**



**Foote ('52, LLD '89)**



**Owens (JD '63)**



**Bissette ('65)**



**Gladding ('67, MAEd '71)**



**Hope ('68)**

## 1950s

**James "Buck" Geary ('51)** was named a West Virginia Bar Foundation Fellow. The foundation is a philanthropic organization for the legal profession.

**Patricia Foote ('52, LLD '89)** was inducted into the inaugural class of the U.S. Army ROTC National Hall of Fame at Fort Knox, KY. She is a retired brigadier general who served three decades in the Army and commanded at the company, battalion, brigade and major installation levels. She was the first female faculty member at the U.S. Army War College, the first female brigade commander in Europe, the first female deputy inspector general of the Army and the first female commander of Fort Belvoir, VA. After retiring in 1989, she served as vice chair of the Secretary of the Army's Senior Review Panel on Sexual Harassment and president of the Alliance for National Defense, a nonprofit supporting women in the military.

**Betty Lentz Siegel ('52, P '88, '89)** is president emeritus of Kennesaw State University and a past president of the Cobb Chamber of Commerce. She was honored to learn a room in the Chamber Building, the Dr. Betty L. Siegel Community Room, was being named for her.

**Hunter L. James Sr. ('54)** published a book of 80 sonnets, "Our American Century," written to express thoughts on the depravity of our modern age.

**George W. Braswell ('58, P '81, '92)** retired as senior professor of world religions and founder and director of the World Religions and Global Cultures Center of Campbell University Divinity School. He and his wife, **Joan Owen Braswell ('58)**, were the first Baptist missionaries to serve in Iran.

**Vern Pike ('58, P '84, '89)** was a military police duty officer in West Berlin in 1961 when the Berlin Wall was built and the first officer in charge of Checkpoint Charlie. He helped one couple in East Berlin escape to freedom and helped defuse a tense confrontation between U.S. and Soviet tanks. He is a retired colonel now living in Cary, NC. Read more at [bit.ly/2acSAFV](http://bit.ly/2acSAFV).

**William Oscar Landen Jr. ('59)** retired in 1995 from the U.S. Food and Drug Administration and became a research scientist in the Department of Food Science and Technology at the

University of Georgia in Athens. He co-authored a textbook, "Vitamin Analysis for the Health and Food Sciences" 1st and 2nd Edition, for research laboratories.

**Jim Woodring ('59)** is a counselor working with domestic violence victims. He wrote two books: "Always My Fault – A Survivor's Story," about a domestic violence victim he counseled; and "Who Ate My Okra?," a collection of more than 150 of his weekly columns from the Pineville (KY) Sun-Courier.

## 1960s

**Jim Williams ('62, JD '66, P '89, '92)** is with Brooks Pierce McLendon Humphrey & Leonard LLP in Greensboro, NC. He was named one of America's Leading Lawyers for Business by Chambers USA.

**Mark W. Owens Jr. (JD '63, P '87)** is with Owens Nelson Owens & Dupree PLLC in Greenville, NC. He was honored as the first non-judge attorney from Pitt County to have his portrait hung in the Pitt County Courthouse.

**William O. King (JD '64)** is a former partner at Walker Lambe Rhudy Costley & Gill PLLC in Durham, NC, and is currently of counsel for the firm. He received the John B. McMillan Distinguished Service Award from the N.C. State Bar for his exemplary service to the legal profession.

**Dan McGinn ('64, JD '67, P '90)** is with Brooks Pierce McLendon Humphrey & Leonard LLP in Greensboro, NC. He was named one of America's Leading Lawyers for Business by Chambers USA.

**W. Louis Bissette Jr. ('65, P '94)** is with McGuire Wood & Bissette PA in Asheville, NC, and a Wake Forest Trustee. He received the state's highest award for a civilian, the N.C. Order of the Long Leaf Pine, from N.C. Gov. Pat McCrory.

**Sam Gladding ('67, MAEd '71, P '07, '09)** was inducted into the inaugural class of the U.S. Army ROTC National Hall of Fame at Fort Knox, KY. He served as a first lieutenant at the Quartermaster School at Fort Lee, VA, and completed his military service as a reservist before going on to a civilian career as an educator, author and leader in the counseling field. He is a professor of counseling at Wake Forest and the author of numerous books on counseling as well as "The History of Wake Forest University, Volume 6."

**David Hunter Diamont ('68, P '14)** retired from teaching high school history after 47 years. He is still head football coach at East Surry High School in Pilot Mountain, NC, with more than 270 career victories. His son, **Hunter ('14)**, is a 1st lieutenant in the U.S. Army stationed at Fort Polk, LA.

**James Michael Hope ('68)** retired after 40 years of pastoral ministry for the Presbyterian Church in Georgia and South Carolina.

**Paul T. "Sonny" Swails Jr. ('68, P '93)** was inducted into the inaugural class of the Patrick County High School Hall of Fame. He has served as coach, athletic director and administrator. He continues to coach and operate Swails Insurance Agency. He and his wife, Cathy, live in Stuart, VA, and have two children, Blaire Lee and **Tal ('93)**, and three grandchildren.

**Sandy Hutchens ('69)** lives in West Hollywood, CA, and is a consultant to the entertainment and hospitality industry. When he was a student, he was a page at the 1968 Democratic National Convention in Chicago. Read more at [bit.ly/29YhabD](http://bit.ly/29YhabD).

*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](mailto:classnotes@wfu.edu)



### ONLINE:

[magazine.wfu.edu/class-notes/submit/](http://magazine.wfu.edu/class-notes/submit/)

**Holden**  
(’73)**Hopkins**  
(’73)**Greene**  
(’74)**Cloud**  
(’76)**Wicker**  
(JD ’78)**Colliflower**  
(JD ’79)**Jonas**  
(JD ’81)**Harrison**  
(MAEd ’82)

## 1970s

**Lawrence “Chip” Holden III (’73, P ’99)** is a principal of Holden & Mickey in Winston-Salem. He was named a leader in new business insurance placements in 2015 by MassMutual and recognized for 40 consecutive years on the Million Dollar Round Table.

**Beth Norbrey Hopkins (’73, P ’12)** retired as professor and inaugural director of the Smith Anderson Center for Community Outreach at the Wake Forest School of Law. The Public Interest Scholarship grant was renamed the Professor Hopkins Pro Humanitate Scholarship in honor of her contributions to the nationally recognized Wake Forest Pro Bono project.

**Susan Hutchins Greene (’74, P ’00)** received the 2016 Humanitarian Award by OneJax for her impact on community in Jacksonville, FL, and she was named one of the 40 Icons of the Arts by the Cultural Council of Greater Jacksonville. She and her husband, **Hugh (’75)**, have three sons and four grandchildren. She is a member of Wake Forest’s College Board of Visitors.

**Bob Kirchman (’74)** is chief artist and designer for The Kirchman Studio in Staunton, VA, where he has been for the past 32 years. He published his first novel, “PONTIFUS, The Bridge Builder’s Tale in Three Parts,” set in the not-too-distant future of the building of the Bering Strait Bridge. He and his wife, Pam, have one grandchild.

**Phillip Oakley (’74)** retired as director of mission from the Catawba River Baptist Association in Morganton, NC. He and his wife, Beth, live in Winston-Salem.

**William C. Argabrite (’75, JD ’78, P ’03)** practices corporate law with Hunter Smith & Davis LLP in Kingsport, TN. He is chair of the Tennessee Bar Foundation.

**Roland H. Bauer (’76, P ’12)** is president and CEO of The Cypress Companies of Akron, OH. He was elected chairman of the board for the University of Akron and director of Oatey Company, a Cleveland, OH, manufacturer of plumbing products.

**Thomas Cloud Sr. (’76, P ’05)** is with GrayRobinson PA in Orlando, FL. He helped secure a favorable order for the City of Fort Meade in a lawsuit against Biosolids Distribution Services LLC.

**Paul Y. Coble (’76)** is the legislative services officer for the North Carolina General Assembly. He has served as mayor of Raleigh, a member of the Raleigh City Council, a county commissioner and chairman of the Wake County Commission. He sold his insurance practice in 2015 after 34 years.

**Deb Richardson-Moore (’76)** is pastor of Triune Mercy Center, a mission church in Greenville, SC. She published her first novel, “The Cantaloupe Thief” (Lion Hudson, Oxford, England), the first in the Branigan Powers mystery series with a backdrop of homelessness. Her memoir, “The Weight of Mercy,” has been used at Harvard Divinity School, Duke Divinity School and Furman University and was named to the 2016 Reading Program Book List of United Methodist Women.

**Dick Alan Richards (PA ’77)** was in pharmaceutical sales with DuPont Pharmaceuticals and retired in 1998 as a medic with the N.C. Army National Guard. He retired in 2013 from Novant Health as a PA in family medicine and urgent care.

**Thomas O’Toole (’78, P ’07)** oversaw coverage of gymnastics and basketball at the 2016 Olympics in Rio de Janeiro for USA Today. It was the 13th Olympics he has covered. He joined USA Today in 2000 and is an assistant managing editor for sports. Read more at [bit.ly/2b1noZQ](http://bit.ly/2b1noZQ).

**Dennis A. Wicker (JD ’78)** is a partner with Nelson Mullins Riley & Scarborough LLP in Raleigh, NC. He was honored by the N.C. Foundation for Public School Children as a 2016 Champion of the Children.

**Michael Colliflower (JD ’79)** is counsel for the supplemental health division of Aetna Insurance Company. He celebrated his sixth anniversary of working in a paperless environment from his home in Florida.

**Scott Roy (’79)** is co-founder and managing director of an international sales consultancy firm, Whitten & Roy Partnership. He advises more than 50 social enterprise projects selling life-changing products in 17 developing countries. He helped bring clean water, sanitation and electricity to people in Cambodia, Nepal and Uganda ([wrpartnership.com](http://wrpartnership.com)).

**Bob Singer (JD ’79)** is with Brooks Pierce McLendon Humphrey & Leonard LLP in Greensboro, NC. He was named one of America’s Leading Lawyers for Business by Chambers USA.

## 1980s

**Jeffrey Neal Isaac (’81)** is from Lenoir, NC, and now lives in Fort Lauderdale, FL. When he saw his hometown had lost jobs and the downtown area was almost empty, he started a Loving Lenoir weekend. The weekend has grown each year since its inception in 2010, with reunions, community service and a concert by musicians who live in or came from Lenoir.

**Michael S. Jeske (’81)** was elected chairman of the board of directors of the United Way of Forsyth County. His daughter, **Emily**, is pursuing a JD at the law school.

**David S. Jonas (JD ’81)** is a partner with Fluet Huber + Hoang PLLC in Tysons Corner, VA, and an adjunct professor at Georgetown University Law Center and George Washington University Law School. He has been named to the board of directors of the Young Marines, a national youth organization.

**Margaret Huntley Harrison (MAEd ’82)** is a marriage and family therapist in private practice and a watercolor and acrylic painter. She was featured in the Relish section of the Winston-Salem Journal highlighting the Hampton House Gallery opening of her new collection, “Girls Just Gotta Have Fun!” She writes weekly about her art process and inspiration ([margarethuntleyharrison.wordpress.com](http://margarethuntleyharrison.wordpress.com)).

**Travis W. Knowles (’82, MS ’88)** is an associate professor of biology and director of Wildsumaco Biological Station (Ecuador) at Francis Marion University. He received the Charlene Wages Shared Governance Award, presented by the FMC chapter of the American Association of University Professors.

**Bill Merrifield (’84, P ’14)** has been promoted to assistant athletic director, development, for Wake Forest’s Deacon Club.

**Ralph O. Mueller (MA ’84)** has been named vice chancellor for academic affairs and provost for Purdue University Northwest in Hammond and Westville, IN.

**Jim Phillips (JD ’84)** is with Brooks Pierce McLendon Humphrey & Leonard LLP in Greensboro, NC. He was named one of America’s Leading Lawyers for Business by Chambers USA.



**Rhonda Kahan Amoroso (JD '85)** has published a book, "Behind Every Great Recipe – From Latkes to Vodkas & Beets to Meats" (simply francis publishing company). The cookbook is a companion to "Behind Every Great Fortune," a historical novel by her husband, Frank.

**Dixie Friend Abernathy ('86)** retired in August after a 30-year career with the Gaston County schools. She was the 1992 N.C. Teacher of the Year and assistant superintendent of schools the last 10 years. She received a master's in school administration from Winthrop University and a PhD in education leadership from East Carolina University. She was an adjunct professor for Belmont Abbey College, University of Phoenix, Walden University, Gardner-Webb University and Queens University. She is joining the faculty of the Cato School of Education at Queens University in Charlotte, NC. She and her husband, John, and three children, Sam, Rachel and Jordan, live in Cramerton, NC.

**Kevin E. Beeson ('86, MBA '91)** has been with First Tennessee Bank for 11 years. He recently moved to Memphis, TN, as an executive vice president managing the business credit division.

**Christianne Baucom Nieuwsma ('86)** completed a master's in computer science and was a software engineer in Silicon Valley before moving to Southeast Asia for nine years. She has



Mueller  
(MA '84)



Amoroso  
(JD '85)



Hicks  
(JD '87)



Malmo  
(MBA '87)

been teaching math at a community college in Arizona for the last eight years and is grateful for her Wake Forest education.

**Frank Bassett ('87)** is senior director at Electronic Arts Intermix, a global interactive software company in Canada. He was named chair of the board of directors of Burnaby Board of Trade.

**Latta Baucom ('87)** was appointed head of school at Davidson Day School, an independent school for pre-kindergarten through 12th grade in Davidson, NC. He was previously upper school head at The Benjamin School in West Palm Beach, FL. He and his wife, Gina, have six children.

**Ronald L. Hicks Jr. (JD '87)** is a partner at Meyer Unkovic & Scott LLP in Pittsburgh. He was elected to the board of governors of the Allegh-

eny County Bar Association and named a Pennsylvania Super Lawyer.

**Connie Lewis Johnston ('87)** received her PhD in 2013 from the Clark University Graduate School of Geography in Worcester, MA. She is managing director of The Coordinates Society, a nonprofit seeking to expand geographic knowledge and interest while promoting global citizenship.

**Gerry M. Malmo III (MBA '87)** is a principal with Holden & Mickey in Winston-Salem. He was recognized as a leader in new business insurance placements by MassMutual and named a disability insurance master for the fourth consecutive time.

**Steve Nedvidek (MA '87, P '15)** is an innovation and design specialist at Chick-fil-A and serves on

WHAT'S A TEN-LETTER-WORD FOR WHAT THE WAKE FOREST FUND SUPPORTS?

# E-V-E-R-Y-T-H-I-N-G.

EVEN A SMALL GIFT MEANS BIG THINGS FOR THE STUDENT EXPERIENCE.

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**ACROSS**

1 BUBBLERS IN THE LAB

2 KEEPS DOORS OPEN (2 WORDS)

3 PONCHOS IN A PINCH (2 WORDS)

4 ALWAYS ON GUARD

5 LIFERAFTS FOR TRASH (2 WORDS)

6 SCIENCES' LIBERAL PARTNER

**DOWN**

1 PART OF R&D

2 THEY'RE OVER YOUR HEAD

3 DREAM MAKERS

4 TWO WORDS WE CAN'T SAY ENOUGH (2 WORDS)

IT'S ALL OVER THE PLACE

TO MAKE YOUR GIFT TO THE FUND THAT NEVER SLEEPS, VISIT:

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CHECK YOUR ANSWERS, VISIT [WAKEWILL.WFU.EDU/WAKE-FOREST-FUND](http://WAKEWILL.WFU.EDU/WAKE-FOREST-FUND)



**Robinson**  
(‘87)



**Hurt**  
(MBA ‘90)



**Ramseur**  
(‘92, JD ‘95)



**Balyoz**  
(‘93)

the advisory board for Wake Forest’s Center for Innovation, Creativity and Entrepreneurship. He and his wife, **Susan Hardgrave Nedvidek (‘87, P ‘15)**, live in Kennesaw, GA, and have three children, Michael, **Emily (‘15)** and **Alex**, a Wake Forest junior. They laughingly call themselves the “Nedvideacs.” Steve published his first graphic novel, “The Jekyll Island Chronicles: A Machine Age War,” an alternate history novel set just after the First World War. His family attended Comic Con in San Diego as guests of the publisher (jekyllislandchronicles.com).

**Jeff Richardson (‘87), Ed Balogh (‘88)** and **Jeff Atkinson (‘90)** own Deacon Foodservice Solutions. These longtime friends acquired what was Denver Restaurant Equipment and C.E. Holt Equipment; Atkinson was a 12-year veteran of C.E. Holt. They renamed it Deacon Foodservice since all three are alumni. The company, based in Charlotte, NC, provides everything from cooking equipment to glassware for restaurants, schools and hospitals. Atkinson is president, and Richardson and Balogh are directors (deaconf.com).

**William G. Robinson Jr. (‘87)** is executive vice president and chief human resource officer with Sabre in Southlake, TX. He is on the board of directors for American Public Education.

**John “Jay” Waters (‘87)** is director of the U.S. Army Physical Disability Agency in Arlington, VA. His team of 300 personnel provide worldwide support to almost 20,000 soldiers processing through the disability system. With 29 years of active duty, he plans to retire at the completion of this assignment in the summer of 2017.

**Bob King (JD ‘88)** is with Brooks Pierce McLendon Humphrey & Leonard LLP in Greensboro, NC. He was named one of America’s Leading Lawyers for Business by Chambers USA.

**Mike Lord (JD ‘88)** is an attorney with Williams Mullen in Raleigh, NC. He was recognized by Chambers USA for labor and employment law.

**J. Wesley Casteen Jr. (‘89)** is a candidate for the U.S. House of Representatives for the Seventh N.C. Congressional District. He is an attorney and CPA in Wilmington, NC.

**Karin Kohlenstein Hurt (‘89)** is co-author of “Winning Well: A Manager’s Guide to Getting Results – Without Losing your Soul” (AMACOM, April 2016).

**Richard Kendall (‘89)** is general manager of the Seattle and Portland offices of Allison+Partners, a global communications PR agency based in San Francisco. He also leads the company’s real estate practice. He and his wife, Kimberly, and their two children live in Seattle.

## 1990

**Jeff Atkinson, Ed Balogh (‘88)** and **Jeff Richardson (‘87)** own Deacon Foodservice Solutions. These longtime friends acquired what was Denver Restaurant Equipment and C.E. Holt Equipment; Atkinson was a 12-year veteran of C.E. Holt. They renamed it Deacon Foodservice since all three are alumni. The company, based in Charlotte, NC, provides everything from cooking equipment to glassware for restaurants, schools and hospitals. Atkinson is president, and Richardson and Balogh are directors (deaconf.com).

**Forrest Campbell (JD, P ‘14)** is with Brooks Pierce McLendon Humphrey & Leonard LLP in Greensboro, NC. He was named one of America’s Leading Lawyers for Business by Chambers USA.

**Patricia E. Hurt (MBA)** was appointed a Federal Energy Regulatory Commission (FERC) administrative law judge. She was previously an administrative law judge with the Office of Disability Adjudication and Review at the Social Security Administration.

**Robert McOuat** published a novel, “Shallow Brooks are Noisy.”

**Noel Shepherd** has been promoted to director of engagement and development for Wake Forest’s Deacon Club.

## 1991

**David Paulson (JD/MBA)** is an attorney with Williams Mullen in Raleigh, NC. He was recognized by Chambers USA for corporate mergers and acquisitions.

**Thomas Reinert** was appointed regional director for the Florida Fish and Wildlife Conservation Commission’s South Region. He will help address a variety of issues including pythons in the Everglades and recovery of the endangered Florida panther.

**Matt Valego** is chief executive officer for Beo-Care Group, a supplier of seamless knit medical fabrics, medical elastics and binders and post-surgical apparel, based in Hudson, NC.

## 1992

**Jay Nixon** was elected to the board of directors of Waller Lansden Dortch & Davis LLP. He practices corporate and securities law in Nashville, TN.

**Robert J. Ramseur Jr. (JD ‘95)** is with Ragsdale Liggett PLLC in Raleigh, NC. He was elected vice chairman of the N.C. Real Estate Commission.

**Bruce Wilson** is a chemistry instructor at Piedmont Community College in Roxboro, NC. He received the 2015-2016 Outstanding Challenger Award, voted on by students to recognize an instructor’s commitment to teaching, academic excellence and student success.

## 1993

**Andre Balyoz** received his master’s in strategic studies from the U.S. Army War College at Carlisle, PA. He is a colonel and will serve at the headquarters of U.S. Forces Korea in Seoul.

**Barry Faircloth** has been promoted to senior associate athletic director, development, for Wake Forest’s Deacon Club.

## 1994

**Peggy Elizabeth Beach (MA)** is a communications officer in the public affairs office of the N.C. Department of Transportation in Raleigh. She is also chief ambassador for Toastmasters’ District 37, which covers all of North Carolina.

**I. Javette Hines (JD)** is senior vice president, supplier diversity and sustainability for Citigroup in New York. She received the Leadership Corporate Trailblazer Award from the National Minority Supplier Development Council.

**Donny C. Lambeth (MBA)** is a North Carolina House Representative for the 75th District. He was ranked 10th in effective leadership among the State’s 120 representatives. He is chair of the appropriations committee on health.

**Brian C. Miner** moved to the Washington, D.C., office of Fried Frank Harris Shriver & Jacobson LLP as a partner in their private equipment and mergers and acquisitions group.

**Jennifer Van Zant (JD)** is with Brooks Pierce McLendon Humphrey & Leonard LLP in Greensboro, NC. She was named one of America’s Leading Lawyers for Business by Chambers USA and one of Benchmark Litigation’s top 250 women in litigation.



**Jason Vuic** is a professional writer. He published his third book, "The Yucks: Two Years in Tampa with the Losingest Team in NFL History" (Simon and Schuster, 2016). He lives in Fort Worth, TX (jasonvuic.com).

## 1995

**Sandra Combs Boyette (MBA)** retired in June after 35 years with the University. She was Wake Forest's first female vice president, serving first as vice president for public affairs and later as vice president for university advancement and senior adviser to the president.

**Randolph Childress** was promoted to associate head coach of the Wake Forest men's basketball team.

**Benedetta Agnoli Nicolazo** and her husband, Jerome, moved from France to Winston-Salem. They operate a food truck in the Triad area, La Vie en Rose, with an unmistakable pink exterior and Paris landmark stickers.

## 1996

**Jonathan G. Odom (JD)** completed an assignment as the oceans policy adviser in the Office of the Secretary of Defense at the Pentagon. During that assignment he earned his LLM from Georgetown University and received the Judge Advocate Association's Career Attorney of the Year Award. He and his wife, Missy, and their two children moved to Hawaii where he is a military professor of law at the Asia-Pacific Center for Security Studies in Waikiki.

**Tate Ogburn (JD/MBA)** is a managing partner of Poyner Spruill LLP in Charlotte, NC, and chairman of the board of directors for the American Red Cross Carolina Piedmont Region. He has been appointed to the board of directors for the Ronald McDonald House of Charlotte.

## 1997

**Louis C. Abramovitz (MBA)** has joined the research analyst team of Hogan Lovells, a global law firm based in Washington, D.C.

**Roberta King Latham (JD '02)** was elected president of the board of directors of Susan G. Komen, Northwest North Carolina.

**Fran Perez-Wilhite (MBA)** was appointed by the president of Norwich University to a three-year term on the Norwich University Board of Fellows, School of Business & Management.



Boyette  
(MBA '95)



Odom  
(JD '96)



Holden  
( '99)



Warren  
( '99)



Kunkle  
( '00, MSA '01)

## 1998

**Nathan Atkinson, Clyde Harris and Elizabeth Lucas-Averett (MBA '01)** are three of the four owners/founders of Village Juice Company in Winston-Salem (villagejuicecompany.com).

**Josh Bryant (MSA '99)** is a partner with Smith Anderson Blount Dorsett Mitchell & Jernigan LLP in Raleigh, NC. He was named chair of the tax section of the N.C. Bar Association.

**Cherese Childers-McKee** received her PhD in education studies from UNC Greensboro. Her research interests include interracial and intercultural relations, participatory action research and women and gender studies. She is the faculty and curriculum development coordinator for the Honors College at UNC Charlotte.

**Christopher Gerding** and his wife, Jessica, developed the Young Maker's Fair promoting creativity. They were named Entrepreneurs of the Year in 2011 by the Medina County Economic Development Corporation. He has been mentoring their son, 8-year-old Lars – named after **Lars Jensen ('97)** – to be an entrepreneur. After visiting Wake Forest during homecoming, Lars wants to come to Wake Forest and figures he has 10 years to earn his tuition. He started his own business, Larscraft, and created his first product, the Maker's Chest (larscraft.com).

**Elizabeth O'Donovan** is director and general manager of The Daily Tar Heel, the independent student news organization that serves UNC-Chapel Hill and surrounding counties.

**Coe Ramsey (JD)** is with Brooks Pierce McLendon Humphrey & Leonard LLP in Raleigh, NC. He was named one of America's Leading Lawyers for Business by Chambers USA.

## 1999

**Steven D. Anderson (JD)** was appointed president and CEO of the Pacific Legal Foundation, a national public-interest law firm. He and his wife, Lyndsay, and two sons, will relocate to Sacramento, CA.

**David Holden** is a principal at Holden & Mickey in Winston-Salem. He was recognized by MassMutual in 2015 as the leading investment producer for the Triad region.

**Michael D. Warren** was appointed deputy commissioner for population health for the Tennessee Department of Health.

## 2000

**Chris Ferguson** is an associate professor of economics in the Department of Social Science and director of the Honors College at the University of Wisconsin-Stout. He codirects an interdisciplinary program, Linking Applied Knowledge on Environmental Sustainability Research Experiences for Undergraduates.

**Jim Fitzpatrick** has been the boys' basketball coach at Episcopal High School in Virginia for 10 years. The team finished the season with an IAC League Championship and the Virginia Independent Schools State Championship. He was named Coach of the Year for Virginia Independent Schools (Division I).

**Steve Kunkle (MSA '01)** is director in the transaction advisory practice of Riveron Consulting in Atlanta.

**Erin Richard White ('00)** received her PhD in applied behavior analysis from Caldwell University in Caldwell, NJ.

**Craig Zakrzewski** is assistant athletic director, internal operations, at Wake Forest.

## 2001

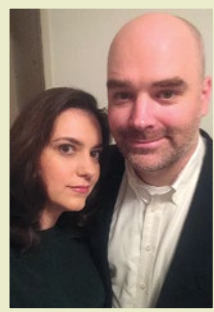
**Amanda Getman Cribbs** completed her doctor of education from the University of Pittsburgh. She is principal of the Environmental Charter School in Pittsburgh.

**Carolyn Joe Daniel** is a painter in Dallas. Her colorful abstract designs can be found in galleries and private homes as well as on pillows and rain boots. Follow her work @carolynjoeart on Instagram and read more at bit.ly/1UAew5T.

**Michael Reagan Humber** was ordained an Episcopal priest at Grace Cathedral in San Francisco. He is the second pastor of House for All Sinners and Saints, a Lutheran congregation in Denver.

**John P. McNeil (JD)** is a Democratic candidate for the U.S. House of Representatives for North Carolina's 2nd Congressional District which en-

## ALUMNI Q&amp;A


**Paul Bullock ('02)  
and Rachel Venuti Bullock ('02)**

West Hollywood, California

*Paul and Rachel Bullock are co-presidents of WAKE-LosAngeles. There are about 2,000 alumni, parents and friends in the Los Angeles area. Paul is a television writer and producer who has written for ABC's "Desperate Housewives" and Lifetime's "Devious Maids." Rachel is the COO of Render Media, a digital media company that owns and operates websites including Opposing Views, America Now and Cooking Panda.*

**How do you bond with other Deacons so far from campus?**

We've had good luck with community service events like volunteering with The Giving Spirit, a nonprofit that administers aid to the homeless, and with career-oriented meet ups like our Wake Forest Entertainment Networking Group. We've also asked a younger alum, Cory McConnell ('12), to join our team. Thanks, Cory!

**This issue of Wake Forest Magazine focuses on the future. What would you like to see WAKELosAngeles do in the future?**

Los Angeles is growing rapidly and so is our group. Now that the Rams and LA Football Club (soccer) are coming to town, we're going to do more sports and family-related events. We're planning to go see CP3, Chris Paul ('07), and the Clippers later this year. And, this fall, we're hosting a party to welcome new Deacs to LA. Hopefully it becomes an annual event.

**What's your favorite Wake Forest memory?**

*Paul:* Meeting my wife. It was after a publications row banquet at Tanglewood. Rachel ran Three to Four Ounces and I ran Wake Radio. Nerds.

*Rachel:* Arriving at Casa Artom at night; approaching a glowing palazzo on the Grand Canal in a water taxi, mist all around you, the strangeness of the place. Paul, there was mist out on the golf course at Tanglewood the night we met, too. Maybe I like mystery?

**Which professors inspired you?**

*Paul:* So many. I'm a huge fan of David Lubin. His seminar on Alfred Hitchcock was amazing. Lisa Sternlieb's "Literature and Film" class, too. And, Steve Jarrett could not have been more generous when he supervised my first film, a documentary short on Krispy Kreme doughnuts. I lived in the basement of Carswell for most of that semester.

*Rachel:* Wayne King, Olga Valbuena, Jim Hans, Bill Moss, Billy Hamilton (P '94, '98), Tom Mullen (P '85, '88), Tom Phillips ('74, MA '78, P '06). I'll never forget when Allen Mandelbaum came to a super poorly attended English Honors Society mixer, grabbed a cookie and some Coke, turned to me, said, "Well, it's been real" and left.

**How did Wake Forest change you?**

*Paul:* For me, the center of the WFU universe will always be the ZSR Library. I spent countless hours in there reading, writing and watching Criterion Collection laser discs, which was the foundation for what I do today.

*Rachel:* Receiving the Presidential Scholarship, and all the support that came with it, still impacts me today. I will always be thankful.

**For more on WAKELosAngeles and other alumni communities, visit [wakecommunities.wfu.edu](http://wakecommunities.wfu.edu)**



Slavik  
( '01)



Shahine  
(MD '02)

compasses Harnett, Franklin, Nash and portions of Johnston, Wake and Wilson counties.

**Erin Mooney Slavik** published her first children's book, "Saving Chocolate Thunder." A business major and member of the field hockey team, she says writing the book was a dream come true. Read more at [bit.ly/234xE78](http://bit.ly/234xE78).

**J. Greer Vanderberry Jr. (JD)** is an attorney with Cranfill Sumner & Hartzog LLP in Raleigh, NC. He received his mediator certification from the N.C. Dispute Resolution Commission.

## 2002

**Shelby Kammeyer Busó** has been appointed director of the U.S. Green Building Council Georgia.

**Michael J. Perry** is a partner in the antitrust practice of Baker Botts LLP in Washington, D.C.

**Bruce Sanspree (MALS)** retired as special projects coordinator for Wake Forest's University Police. He is an adjunct professor teaching humanities at Forsyth Technical Community College in Winston-Salem and Davidson County Community College in Lexington, NC.

**Lora Kelly Shahine (MD)** published her first book, "Planting the Seeds of Pregnancy: An Integrative Approach to Fertility Care." She completed a fellowship in reproductive endocrinology and infertility at Stanford University in 2009 and joined Pacific NW Fertility in Seattle. She is the director for the Center of Recurrent Pregnancy Loss in Seattle and holds a faculty position at the University of Washington. She and her husband, Omar, and children, Sarah (9) and Miles (6), enjoy Seattle and the West Coast.

**C. Edward Teague III (JD/MBA)** is associate general counsel for business affairs and real estate, general administration, at UNC-Chapel Hill.

**Brandon A. Van Balen (JD)** is counsel with Hunton & Williams LLP in Atlanta.

**John Bowen Walker** is a partner with Ragsdale Liggett PLLC in Raleigh, NC. He is a licensed litigator in North and South Carolina.



## 2003

**Benjamin D. Hill (MA)** is an associate professor of psychology and core faculty member in the clinical psychology PhD program at the University of South Alabama. He received the early career service award from the National Academy of Neuropsychology.

**Krishauna Hines-Gaither (MAEd)** was named the first director of diversity and inclusiveness at Salem College in Winston-Salem. She has been a faculty member in the department of modern languages since 2004. She received her BA in Spanish from Salem College and her PhD in educational studies with a concentration in cultural studies from UNC Greensboro.

**Josh Howard** is head basketball coach for Piedmont International University in Winston-Salem, a member of the National Christian College Athletic Association Division II.

**Dionne Tunstal Jenkins (JD '06)** was named general counsel for the Winston-Salem/Forsyth County school system. She had a private practice in criminal defense, family law, personal injury and general civil litigation and was an adjunct professor in the paralegal program at Forsyth Technical Community College.

**Robby Lawson (JD/MBA)** is an attorney with Williams Mullen in Raleigh, NC. He was recognized by Chambers USA for real estate law.

**Tyler O'Connell (JD)** is a partner with Landis Rath & Cobb LLP in Wilmington, DE. He was recognized by Chambers USA for his work in the Delaware Court of Chancery.

**Ricky Van Veen** has joined Facebook as head of global creative strategy. He was previously CEO of Notional, a production company that created the Food Network's "Chopped." He co-founded CollegeHumor.com when he was a freshman and later co-founded the video-sharing site Vimeo. He received the 2016 Excellence in Entrepreneurship Award from Wake Forest's Center for Innovation, Creativity and Entrepreneurship. Read more at [bit.ly/21f8q4Q](http://bit.ly/21f8q4Q).

## 2004

**Amy C. Lanning (JD)** is counsel, practicing in the renewable energy, business law, commercial real estate and development groups, with Blanco Tackabery & Matamoros PA in Winston-Salem.

**Courtney E. Lee** has a debut painting solo show at Still Life Gallery in Ellicott City, MD, from Nov. 23, 2016, to Feb. 4, 2017. She is a regular on the national plein air competition circuit ([stilllifegallery.net](http://stilllifegallery.net)).

**Hillary Peet Patterson** is counsel with Hunton & Williams LLP in Richmond, VA.



Van Balen  
(JD '02)



Walker  
'02)



Hines-Gaither  
(MAEd '03)



Lanning  
(JD '04)



Patterson  
'04)

**Courtney Barksdale Perez** was elected partner at Carter Scholer Arnett Hamada & Mockler LLP, a litigation boutique firm in Dallas.

## 2005

**Mike Piscetelli** has been promoted to associate athletic director, development, for Wake Forest's Deacon Club.

**Dayna Thompson Schoonmaker (MDiv)** is an international retreat coordinator for Thrive Ministry, providing holistic retreats for missionary women.

**Mac M. Smith** is practicing environmental, real property and business litigation as a partner with Doney Crowley PC in Helena, MT.

**Christian S. Wyss (LLM)** is a partner and head of the corporate and commercial practice group of the law firm Vischer AG in Basel, Switzerland. He and his wife, Irene, have a daughter, Eva Romina, born Dec. 18, 2014.

## 2006

**Adam Gabrault** is vice president and global head of mobile for Virtusa|Polaris, a global IT consultancy focusing on digital transformation.

**Lindsey Elizabeth Hardegree** is director of the Episcopal Charities Foundation, which funds outreach ministries throughout the Episcopal Diocese of Atlanta.

## 2007

**Steven DeGangi (MDiv)** received his DMin from Sioux Falls Seminary in South Dakota. His doctoral project examined effective preaching practices in the congregation he served in Northwest Iowa.

**Jane Beasley Duncan** is vice president/management supervisor at Luquire George Andrews, an advertising, digital and public relations agency in Charlotte, NC.

**Alexandra Hoffman Duvall** is a physician assistant in family medicine in Hiwassee, GA.

**Rachel Morgan Little** completed her residency in emergency medicine at Vanderbilt Medi-

cal Center. She returned to Winston-Salem as a community physician in emergency medicine at Wake Forest Baptist Health and as a staff physician at Moses Cone Health.

**Christopher D. Mellinger** published his first book, "Quantitative Research Methods in Translation and Interpreting Studies" (Routledge), with Thomas A. Hanson.

## 2008

**Patricia Rosalia Leyte-Vidal** received her MS in integrated marketing communications from West Virginia University Reed College of Media.

**Emily Frances Suther** received her MD from the University of Massachusetts Medical School. She is completing a residency in pediatrics at Hasbro Children's Hospital at Brown University.

**Tyler Van Zandt** and **Patrick Britton ('08, MBA '14)** were in ROTC together at Wake Forest but had not seen each other since Van Zandt's wedding. That changed last April when they attended and graduated from the civil affairs qualification course at the U.S. Army Special Operations Center of Excellence at Fort Bragg, NC. Both are



**Chesson**  
(JD '10)**Diliberti**  
(‘11)**Panuganti**  
(‘11)**Parham**  
(MBA '11)**Burch**  
(‘13)**Robinson**  
(MBA '14)

civil affairs officers in the Army Reserves. While on active duty, Van Zandt was an engineer officer and Britton was an intelligence officer; both served in multiple locations overseas.

## 2009

**Keonya Davis Dryden** received her MBA from the University of Michigan’s Stephen M. Ross School of Business. She has a brand-management position with Nestle USA in Los Angeles.

**Bryan Kliefoth** and **Stephen Kliefoth** are pursuing MBAs at Duke University’s Fuqua School of Business.

## 2010

**Fletcher Bingham** is a sales representative with Kinsley Power covering Maine, New Hampshire, Vermont and upstate New York.

**Ryan Brining** celebrated the opening of his new venture, The White Maple Café, in Ridgewood, NJ.

**Benjamin S. Chesson (JD)** is an associate with Nelson Riley & Scarborough LLP in Charlotte, NC. He practices product liability and commercial litigation.

**Dianne Horton (MDiv)** is manager, chaplaincy and clinical ministries, for Wake Forest Baptist Health – Lexington Medical Center. She maintains some clinical and administrative responsibilities on the Winston-Salem campus and also works with FaithHealth in Davidson County.

**Abby Riddle** is a gifts specialist in Wake Forest’s Office of University Advancement.

**Laura St. Ville Russell** is pursuing a MBA at Wake Forest’s Charlotte campus.

**Lauren A. Wright** is an author with a PhD in political science. She wrote “On Behalf of the President: Presidential Spouses and White House Communications Strategy Today.” She challenges the popular notion among scholars that communications tactics involving spouses, designed to boost presidential popularity and garner support for the president’s policy agenda, have negligible impact on public opinion. Read more at [bit.ly/1S1e2Kh](http://bit.ly/1S1e2Kh).

## 2011

**Samantha M. Diliberti** is associate publisher of City & State magazine in New York City.

**Tyler Chase Haertlein** received his MD from Herbert Wertheim College of Medicine at Florida International University in Miami. His residency is in emergency medicine at UCLA Ronald Reagan Medical Center in Los Angeles.

**J. Eric Hudson (MSA)** is CFO of Peter Meier in Kernersville, NC.

**Dirk D. Lasater (JD)** is a litigation associate with Williams Mullen in Charlotte, NC.

**Merét Cruz Marangola** is completing an internal medicine residency at Wake Forest Baptist Medical Center.

**Sreya Panuganti** is an intern with the Environmental Change and Security Program at the Woodrow Wilson Center for International Scholars. She is pursuing a master’s in international development studies at the Elliott School of International Affairs, George Washington University. Her passions include water, sanitation, hygiene and international development. She received her MA in international politics and human rights from City University London.

**Fuller Parham (MBA)** is vice president, commercial banking officer with Carolina Bank in Winston-Salem.

**Tyler Starr** received his JD from the University of Miami School of Law. He is an associate practicing real estate law with GrayRobinson PA in Miami.

## 2012

**Megan Bosworth** is assistant director of alumni personal and career development in Wake Forest’s Office of Alumni Engagement. She focuses on supporting young alumni who have graduated within the last five years.

**Victoria Hill** received the 2016 Charles B. Rangel International Affairs Graduate Fellowship. She is completing her MA in European and Eurasian Studies at the American University School

of International Service and will be a foreign service officer for the Department of State.

**Kara A. Matejov** is an associate attorney with Iseman Cunningham Riestler & Hyde LLP in Albany, NY. She focuses on litigation, compliance and health care matters.

**Akshata Udiavar Pulley (MBA)**, the financial services organization advisory manager of Ernst & Young LLP, was named a 2016 Rising Star by the Women’s Bond Club.

**Ashley Forte White** is a Realtor with Allen Tate Realtors in Winston-Salem.

## 2013

**Bernard Armoo (LLM)** passed the bar exam and will be admitted to the New York Bar Association.

**Britt Burch** received her JD from Elon University’s School of Law and her MBA from Elon’s Love School of Business.

## 2014

**Emily Anderson** is a development associate, working with the major gifts team in the Northeast, for Wake Forest’s Office of University Advancement. She previously worked in the admissions office.

**Chelsea Klein (MA '16)** is the national engagement coordinator for Wake Forest’s Alumni Engagement office.

**D. Gray Robinson (MBA)** is marketing director with SFW in Greensboro, NC.

**Owen Stone** is assistant director, national engagement, for Wake Forest’s Alumni Engagement office. He was with the Kraft Heinz Co. and drove the Oscar Mayer Wienermobile, a 27-foot-long hot dog on wheels, around the country, giving out little wiener whistles and serving as a brand ambassador.

**Addison M. Sutton (MAM '16)** is assistant director of development for Wake Forest’s Deacon Club. She worked at IMG College for a year before earning her master’s degree.



## ARTIST CAROLYN JOE DANIEL ('01) PAINTS BY NUMBER – BUT NOT THE WAY YOU THINK.

By Cherin C. Poovey (P '08)



**A**rtist Carolyn Joe Daniel ('01) paints by number — but not the way you think. While some of us follow instructions to match a color with an assigned number, Daniel was born with the ability to assign numbers to color. Zero through nine, each represents a color in her mind. One is white, two is red, three is canary yellow, four is orchid and so on. “I thought I must have learned it from ‘Sesame Street,’” said Daniel, an abstract painter whose vibrant work embraces imagination, whimsy and joy. “But I guess it’s a thing called synesthesia.”

Synesthesia is the production of a sense impression relating to one sense or part of the body by stimulation of another sense or part of the body. For Daniel, whose mother is a ceramic artist and master quilter, it’s something she’s experienced all her life. It helped her master numbers as a child and, as an adult, helps her remember phone numbers as bands of color.

Daniel, whose business is Carolyn Joe Art, grew up in Dallas and lives there with her husband and two children. Her parents had a rule that she and her siblings were not allowed to go to school in their home state. They wanted their children to see a different part of the world, and see it they did. It was on a family trip to Venice, Italy, that she “saw a cute boy on a gondola with a cute sweatshirt” that read Wake Forest. “Why not check it out?” she asked herself, and the rest is her story.

A studio art major at Wake, Daniel studied at Oxford and spent a semester in Sydney, Australia, where she was a curatorial assistant at two galleries. After graduation she worked as a buyer for Neiman-Marcus, taught art and went to culinary school. All the while she painted and showed art. “It’s neat to look back and see that art was the one steady thing,” she said. “Wake is the impetus of all of that. Such a special place.”

“I often have images in my mind to create,” said Daniel, who is drawn to color, texture, repetition and pattern. “Do they come out as I envision them? There is freedom in that messy process.” She learned to paint using oils, but now uses primarily acrylic because of its shorter drying time. “Sometimes when I don’t know what to paint I just go and stand in front of the colors for inspiration,” she said.

Daniel’s art is in high demand in the Dallas area. She’s working with designers to create custom pieces for residential and commercial spaces, and her designs have been applied to textiles, pillows, trays, giclee prints — even Roma Boots — a venture that merges fashion with philanthropy by donating a pair to a needy child for every pair sold. “It’s a process but it’s rewarding, and I get to meet new friends all over the city. I can look at a house and say, ‘I have a piece in there.’”

One of her favorite stories is about an Alabama art teacher, a fellow Wake alumna, who was teaching kindergarten and second-graders Gauguin and Matisse and had seen Daniel’s work on social media. She asked if she might use it to showcase techniques of a ‘living artist.’

Daniel describes painting as a mood elevator when she’s busy, sad or frantic. “I don’t know that I always love those works as much but they help me work through it. I feel happier and renewed.” A friend said it was a shame her art wasn’t deeper or more painful. “She said it would hurt me in the long run,” said Daniel. “It was honest criticism, but for me, I decided to choose joy.”



## 2015

**Seth Christopher (MS)** is program manager, screening services with Wellness Corporate Solutions LLC in Bethesda, MD. He says he has the luxury of working in a field he loves because Wake Forest prepared him to take on the challenges of his demanding career.

**Sarah Filipksi (MD)** is in a pediatric residency at Dartmouth-Hitchcock Medical Center in Hanover, NH.

**Aaron Fossas (MAM '16)** signed with the Cincinnati Reds Major League Baseball team.

**Ashley Quaranta (JD)** is an associate with Nelson Mullins Riley & Scarborough LLP in Huntington, WV.

**David C. Stevens (MBA)** is manager of capital planning for Aramark's Healthcare Technologies division located in Charlotte, NC. He received the company's 2016 Volunteer of the Year award for his lifetime commitment to serve his community and help others. He leads the Aramark Building Community, a global volunteer and philanthropic program in partnership with the Salvation Army Center of Hope in Charlotte.

**Analyse Triolo (MDiv)** has a one-year internship with the Evangelical Lutheran Church in America as vicar of Trinity Lutheran Church in Manhattan, New York. This church is one of **Alan Sherouse's (MDiv '05)** stops during the New York City Multicultural Context Course.

**Sean Wilkinson** is assistant director of creative communications in Wake Forest's Office of University Advancement.

## 2016

**Garrett Kelly** joined the Minnesota Twins Major League Baseball organization.

## Marriages

**Charles Devenney ('89)** and **Elizabeth Ann Allen ('09, MAEd '10)**. 7/2/16 in Nassau, Bahamas. They live in Charlotte, NC.

**Karen Reid ('92)** and Blake Watermeier. 3/19/16 in Atlanta.

**Meg Ackley ('03)** and Steve Karaffa. 6/4/16 in Charlotte, NC, where they live. The wedding party included Michael Farmer ('04).

**Mac Smith ('05)** and Laura Weiss. 9/5/15 in West Glacier, MT.

**Patrick J. McCann Jr. ('06)** and Heather Michelle Loran. 5/7/16 in Gainesville, FL. The wedding party included William Brown ('06, MSA '07), Kurt Gula ('06, MSA '07) and Evan Woods ('06).

**Mary Ashton Phillips ('06)** and Andrew Christopher Benesh. 6/25/16 in St. Simons Island, GA. They live in Houston.

**Alexandra Elizabeth Hoffman ('07)** and Louie Duvall. 5/28/16 in Tiger, GA, where they live.

**Nicholas Spuhler ('07)** and **Sara Stewart ('07)**. 5/14/16 in New York. The wedding party included Katharine Erickson ('07), Courtney Hill ('06), Kyle Michas ('07) and Kaitlin Holcombe Upchurch ('07).

**Anne Kraemer Evans ('08)** and Gregory Baxter Norman. 6/18/16 in Marion, NC. They live in Charlotte, NC. The bride's father is William Hill Evans ('77, JD '80). The wedding party included Mary Leila Khodaparast ('08).

**Anna Katherine McLeod ('08)** and Blinn Lawrence Cushman. 6/4/16 in Charlotte, NC. They live in Greensboro, NC. The wedding party included Lynn Daniels ('07), Jessica Giambo ('08), Katherine Bogue Kramer ('09), Viral Mehta (JD '09), Jeffrey Nick (MSA '07), Shannon Dunn Poplaski ('09, MSA '10) and Jamie Yezzi ('09, MSA '10). Karen Swofford Greenoe ('06) provided flowers, and the flower girls were Brooks and Laura Sorrell, daughters of Carter Sorrell ('99) and Meredith Brooks Sorrell ('99).

**William Henry Parrish V ('08, MAM '10)** and **Alison Nicole Boy ('10)**. 4/2/16 in Richmond, VA, where they live. The wedding party included James Burnett ('08), Lauren Campbell ('10, MSA '11), Rudi Chanouha ('10), Alex Davis ('08), Will Milby ('08, MAM '10), Allison Singer ('10, MSA '11) and Jane Wenthe ('10).

**Fletcher Bingham ('10)** and **Sarah Filipksi (MD '15)**. 6/18/16 in Nantucket, MA. They live in Hanover, NH. The wedding party included Leah Allen ('11, MD '15), Kendra Kesty (MD '15), Katie Meyer (MD '15), Nick Rubino ('09), Daniel Russell ('09), Catherine Wehmann (MD '15) and current medical student Quint Reid.

**Evan Carstensen ('10, MD '14)** and **Lizzy Ramsey (MD '16)**. 5/21/16 in Charlottesville, VA. The wedding party included Peyton Bryant ('10), Nick Joyner ('10) and Spyros Skouras ('10, MBA '16).

**Will Elliott ('10, JD '13)** and **Gretchen Edwards ('10)**. 5/28/16 in Norfolk, VA. They live in Valdosta, GA. The wedding party included Jordan Benton ('10, JD '13), Elizabeth Molino ('10), Julie Musgrave ('10), Tim Seidman ('10), Scott Seifert ('10), Henry Skelsey ('10), Eleanor Smith ('10), Darcy Delph Stanton ('09) and Laura Wilson ('10).

**Bryan W. Goolsby ('10)** and **Samantha D. Besaw ('11)**. 7/16/16. The wedding party included Ryan Campbell ('10, MSA '11) and Anthony Tang ('11).

**Dallys Medali (MSA '10)** and Mireille Dimigou. 4/12/16 in Moscow. They live in New York.

**Nelson "Tripp" Thomas Russell III ('10)** and **Laura Kristine St. Ville ('10)**. 5/14/16 in Charleston, SC. They live in Charlotte, NC.

**David Sage ('10)** and **Morgan Clark ('10)**. 7/30/16 in Seattle. They live in Sydney, Australia. The wedding party included Kate Brogan ('10), Craig Foster ('10), Christian Jewett ('11), Alex Leopold ('10), Katie Miller ('10), Anna O'Brien ('10) and Erin Rheiner ('10).

**Chris Wozniak ('10)** and **Kara Solarz ('10)**. 7/31/16 in New Hope, PA. The wedding party included Jordan Brewster ('10), Ryan Curran ('09), Michelle Dietz ('10), Kristy Gutierrez ('10), Colin Heyson ('10), Zach Hines ('09), Grayson Hodnett ('09), Kyle Lawrence ('10), John Travis Ludwig ('09), Andy Parks ('10), Chris Sabolcic ('11, MAEd '12) and Tyler West ('10).

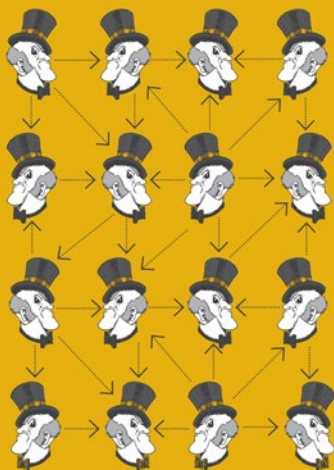
**Christopher Junker (PhD '11)** and **Sarah Bumgarner (PA '11)**. 3/19/16 in Bermuda Run, NC. They live in Winston-Salem. The wedding party included Sunnie Flowers ('08, PA '11), Laura Boyle Gladden (PA '11), Nathan Haines (MD '11), Chris MacNeil (PhD '11) and Laura Beth Rupcick (PA '11).

**Katherine Koone ('11)** and Samuel Renaut. 6/25/16 in Union Mills, NC. They live in Scottsdale, AZ. The wedding party included Carly Gilmore Cook ('11).

**Trenton Simon Langston ('11, MAM '12)** and Julia Hunt. 5/28/16 in Maryville, TN. They live in Knoxville, TN. The wedding party included the groom's father Ken Langston ('73), Patrick Borders ('11, MAM '12, MBA '15), Kyle Bridges ('09), Michael Hoag ('11), Jesse Powell ('08), Eli Robins ('11), Robert Schaaf ('11, MAM '12, JD/MBA '15) and John Williamson (MAM '12).

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**Timothy C. Marangola ('11, MSA '12)** and **Merét Cruz ('11)**. 1/2/16 in Winston-Salem, where they live.

**Barrett Seay ('11, MAM '12)** and **Virginia Spofford ('11)**. 6/11/16 in Cohasset, MA. They live in Boston. The wedding party including Jessie Querin Bolster ('12), Alex Gitch ('11, MSA '12), Colleen Hannan ('12), Nick Hess ('11, MSA '12), Katy Kasper ('11), Alex Knopes ('11), Pete Shames ('12), Andrew Silvia ('11) and PJ Tarallo ('11).

**Daniel Cole Marrs ('12)** and **Kathryn Voorhees Swain ('12)**. 4/23/16 in New York. The wedding party included Molly Binder ('12), Caitlin Crawford ('11, MSA '12), Casey Fowler ('12), Molly Fresher ('11), Kelly Laffey ('10) and Dan Yu ('10).

**Ashley Quaranta (JD '15)** and Cody Barebo. 6/25/15 in Huntington, WV, where they live. The wedding party included Kelsey Meuret (JD '15) and Kelly Russo ('12, JD '15).

## Births and Adoptions

**Amy Wilhelm (MSA '99)** and David Sharon, Madison, NJ: a daughter, Lauren Amy Heidi. 3/30/16. She joins her sisters, Emma (6) and Katie (3).

**Kate Millett Rojas ('99)** and Fernando Rojas, Charlotte, NC: twins, Maura Kelley and James Daniel. 12/21/15. They join their sisters, Anne (7) and Mary Frances (5).

**Emilee Simmons Hughes ('00)** and David Hughes, Knoxville, TN: a son, Owen Charles. 4/7/16. He joins his sister, Lucy (4).

**Kelly Meachum McConnico ('00)** and Jacob N. McConnico, Winston-Salem: twins, Molly Grace and William Jacob. 7/30/16. They join their sister, Caroline, and brother, Henry.

**Daniel Thomas McNair ('00)** and Jennifer Gilbert McNair, Suwanee, GA: a son, Walker Daniel. 6/8/16. He joins his brother, Gilbert Thomas (2).

**Josey Harris Kasper ('01)** and Todd Kasper: Raleigh, NC: a son, Fletcher Nelson. 5/10/16. He joins his sister, Mary Louise (8), and brother, Jack (5).

**Shelby Kammeyer Busó ('02)** and Roberto Busó, Decatur, GA: a daughter, Areli Isabel. 11/6/15. She joins her brother, Sebastián River (7), and sister, Coralina Jewell (3).

**Alison Brown Lebonitte ('02)** and Christopher Lebonitte, Southport, CT: a son, Owen Christopher. 4/7/16. He joins his brother, Benjamin (2).

**Kelly Abbott Liebermann ('02)** and Ben Liebermann, San Antonio: a daughter, Rachel Lynn. 11/24/15. She joins her brother, Gabriel (2).

**Benjamin David Morgan ('02)** and **Jessica Ijams Wolfing Morgan ('02)**, Mullica Hill, NJ: a

## CHIP PATTERSON ALUMNI SCHOLARSHIP

**A**llen H. "Chip" Patterson ('72, MALS '02) and Jeff Richardson ('87) were both members of Delta Kappa Epsilon fraternity, but 15 years apart.

After graduating, Patterson went on to work in the Wake Forest advancement office for 30 years and to serve as a tireless adviser to the fraternity. He received the fraternity's 2015 Distinguished Alumni Award.

Richardson became close friends with Patterson because of their shared Wake Forest and DEKE bonds. "That's what makes Wake special," said Richardson, who lives in Newport, Kentucky.

Patterson retired from Wake Forest last year as assistant vice president of gift planning. He died Nov. 17 after a lengthy illness.

After Patterson's death, Richardson wanted to honor his friend's service and dedication to Wake Forest and his fraternity. Richardson was able to attend Wake Forest because of the Carswell scholarship, so he decided to establish a scholarship in Patterson's name. He and his wife, Missy, gave \$50,000 to establish the fund, which has since grown to more than \$100,000 with gifts from other alumni and fraternity members.

"Chip Patterson was one of the all-time great people I've had the pleasure to call my friend," Richardson said. "His engagement with the fraternity over the years was vital to its continued success, particularly when it needed 'adults to be involved.' He was also a tremendous ambassador for Wake Forest."

The scholarship will be awarded first to children of alumni who were members of Delta Kappa Epsilon fraternity, followed by children of alumnae who were little sisters of the fraternity and children of alumni from North Carolina.

To support the scholarship, visit [wakewill.wfu.edu](http://wakewill.wfu.edu) and designate your gift to the Chip Patterson Alumni Scholarship or contact Ashley Blanchard (MBA '07) at [blanchaf@wfu.edu](mailto:blanchaf@wfu.edu)



Chip Patterson ('72, MALS '02)

son, William David. 6/23/15. He joins his sister, Elizabeth, and brother, Jonathan.

**Jordan Wagner ('02)** and Barbara Kibbey Wagner, Stuart, FL: a son, Lucas Reid. 5/10/16

**Erin Lunn Malone ('03)** and Andrew Malone, Tampa, FL: a daughter, Vivian Elizabeth. 4/19/16. She joins her brother, Matthew (2).

**Patrick Mariani ('03)** and Jennifer Mariani, Apex, NC: a daughter, Samantha Gail. 12/30/15. She joins her brother, John Francis (2).

**Ricky Perez ('03)** and **Courtney Barksdale Perez ('04)**, Arlington, TX: a daughter, Savannah Lauren. 9/16/15. She joins her brother, Trey (5), and sister, Sydney (7).

**Stephie Vernon White ('03)** and Joshua White, Columbia, MD: a son, Macon Edward. 5/7/16. He joins his brothers, Linden (9) and Riker (3), and sister, Dresden (6).

**Kate Farber Gold ('04)** and Daniel Gold, New York: a daughter, Tess Stokes. 1/8/16. She joins her sister, Stella Bess (3).

**Brian S. Lenker ('04)** and Michele E Green, New York: a son, Samuel James. 6/24/16

**Paul Sheaffer ('04, MSA '05)** and **Julia Koplewski Sheaffer ('05)**, New York: a son, David James. 6/15/16. He joins his sister, Jane (2).

**Ryan Scott Tallent ('04)** and Kathleen Tallent, New York: a son, Brock Kevin. 5/26/16

**Brent Abbott ('05)** and **Allie Scanlan Abbott ('05)**, Greenville, SC: a son, Tyler James. 2/27/16. He joins his brother, Walker.

**Emily Carter Hare ('05)** and Walter Hare, Sanford, NC: a daughter, Caroline Adams. 3/30/16. She joins her sister, Delaney (3). She is the granddaughter of Steven R. Carter (MD '78).

**Michael Robert Horvath II ('05, MS '05)** and **Sarah Guthrie Horvath ('05)**, Lewisville, NC: a daughter, Georgia Mae. 6/7/16

**Melanie Jeffries Johnson ('05)** and Patrick Johnson, Charleston, SC: a daughter, Mae Virginia. 5/8/16. She joins her brother, Miles Anderson (2).

**Chris J. Koschnitzky ('05)** and **Jenna Schuster Koschnitzky ('05)**, Washington, D.C.: a son, Logan Christopher. 5/4/16

**Jane Meli Manweiler ('05)** and Justin Manweiler, Carmel, NY: a son, Everett Gregory. 5/30/16

**Tiffany Lord Simerson ('05)** and Tyler Simerson, Greenville, NC: a son, Miller Lucas. 3/26/16

**Adam Gabrault ('06)** and Emily Gabrault, Boston: a daughter, Reagan Barbara. 10/2015

**Robert Anders Larson ('06)** and **Jessica Leigh Henkel Larson ('06)**, Indianapolis: a daughter, Annie Claire. 4/8/16. She joins her brother, Miles Jacob (2).

**Kristen Cleary Mather ('06)** and Charles Mather, Charlotte, NC: a son, William Charles. 5/4/16

**Meredith Gilbert Wells ('06)** and Benjamin Wells, Baltimore: a son, William Davis. 3/18/16

**Robert Turner Dayton ('07)** and **Lauren Ponder Dayton ('07)**, Charlotte, NC: a son, William Porter. 5/28/16

**Lauren Harris Holbrook ('07)** and Brad Holbrook, Austin, TX: a daughter, Elizabeth Davenport. 4/11/16. She joins her sister, Claire (2).

**Katherine Senter Matthews ('07, MSA '08)** and **Bradley William Matthews ('08)**, Holly Ridge, NC: a son, Andrew Jansen. 7/8/16

**Joseph Mauro ('08)** and **Shannon Teare Mauro ('09, MAEd '10)**, Bethesda, MD: a daughter, Leah Isabelle. 5/3/16. She joins her sister, Clara Elaine.

**Eric Sarrazin ('08)** and **Amelia Smith Sarrazin ('08)**, Westfield, NJ: twins, Thomas Marc and Caroline Gray. 4/11/16

**Amanda Tavss Klueger ('09)** and Daniel Ross Klueger, Potomac, MD: a daughter, Taylor Reese. 6/14/16. She joins her sister, Adley Jordyn (2).

**Patricia Koenig Ricketts ('09)** and Kyle Ricketts, Atlanta: a daughter, Grace Elizabeth. 4/27/16. She joins her sister, Emily (2).

## Deaths

**John Henry Baughman Jr. ('38)**, April 10, 2016, Athens, AL. He was a construction engineer for Tennessee Valley Authority (TVA) until he enlisted in the U.S. Army Air Corps in 1943. Baughman returned to TVA to work the next 36 years. He remained in the U.S. Army Reserves until 1961.

**William Frazier Wood Jr. ('40)**, April 24, 2016, Newport News, VA. He served in the U.S. Army Air Corps during World War II. Wood was an aeronautical engineer at NACA/NASA and retired in 1979.

**Gregory Amund Dahlen Jr. (MD '44)**, Jan. 14, 2016, Santa Barbara, CA. He served in the U.S. Navy during World War II. Dahlen started a urology practice in 1959 and after he retired traveled extensively, visiting all seven continents.

**William Herbert Bland ('45, MD '48)**, July 4, 2016, Cary, NC. He was a community leader and team doctor for several high school athletic teams. Bland was preceded in death by his wife, **Jane Hobgood Bland ('45)**, and daughter, Kathy. He is survived by three sons, Bill, Frank and Bob.

**Lyla Marie Neely Sealey ('45)**, June 14, 2016, Newport News, VA. She taught music in the Hampton School District for 27 years. Sealey is survived by her husband, **James ('45)**; two children, Robin and James; and a grandson.

**Wylie M. Yarborough Sr. ('47)**, July 23, 2016, Winston-Salem. He served in the U.S. Navy during World War II. Yarborough had a career in sales and interior design and was a founding member of Piedmont Craftsmen.

**Lewis Tolbert Barnes ('48)**, July 7, 2016, Rutherfordton, NC. He served in the U.S. Army. Barnes worked for Henson Timber Products of Forest City and retired after 45 years as president of Henson Building Materials.

**Arnold Barnes Davis ('48)**, May 1, 2016, Ashboro, NC. He served in the U.S. Army and was retired from the Army Reserves. Davis was a former deputy with the Randolph County Sheriff's Office.

**Marion Kenneth Wilson ('48)**, July 2, 2016, Burlington, NC. He served in the U.S. Army Infantry during World War II in France and Germany. Wilson spent his life as a Baptist pastor in North Carolina and Virginia and concluded his ministry with several interim pastorates. He was preceded in death by his wife, **Lula Covington Wilson ('48)**. Wilson is survived by a son, **Ken ('74, P '01)**; a daughter, Kaye Atwood; four grandchildren, **Emily W. Sumner ('01)**, Erin, Daniel and David; and three great-grandchildren, Kenton, Boone and Sophia. Memorials may be made to The M. Kenneth and Lula C. Wilson Scholarship Fund, Wake Forest University School of Divinity, PO Box 7227, Winston-Salem, NC 27109-7227.

**Glenn William Brown (JD '49)**, July 28, 2016, Asheville, NC. He served in the U.S. Air Corps during World War II. Brown practiced law with Morgan & Ward in Waynesville, NC, where his name was eventually added to the practice. He was also a solicitor for the 30th judicial district of North Carolina. Brown was preceded in death by a son, **Robert ('79)**. He is survived by his wife, Evelyn; a son, Glenn; and five grandchildren.

**Leslie Leroy Pittman ('49)**, May 21, 2016, Kinston, NC. He served in the U.S. Navy. Pittman taught history and physical education and coached football, basketball and baseball in high schools in Lucama, Mars Hill, Grantham and Chicod, NC. He retired in 1994 after 28 years as principal of Northwest Elementary in the Kinston City/Lenoir County school systems. Pittman was named Boss of the Year in 1987 by the Kinston City Schools Educational Office Personnel and Principal of the Year in 1994 by the Lenoir County Board of Education. He served on the boards of the N.C. Education Association, N.C. Teachers' and State Employees' Retirement System, Kinston Country Club and Lenoir Community College Foundation.

**James Abernathy Simpson ('49, JD '53)**, Jan. 30, 2016, Morganton, NC. He served in the U.S. Navy during World War II and was a member of the N.C. Bar Association for more than 60 years. Simpson was preceded in death by his brother, **Daniel ('49, JD '51, P '75)**. He is survived by three children and three grandchildren.

**Betty Winingham Stanfield ('49)**, Jan. 29, 2016, Greer, SC. She was a homemaker. Stanfield



was preceded in death by her husband, William. She is survived by two children; four grandchildren; five great-grandchildren; and a sister, **Ann W. Logsdon ('55)**.

**Joe Smith Warlick Jr. ('49)**, July 27, 2016, Windsor, NC. He served in the U.S. Navy. Warlick retired after 40 years with the U.S. Postal Service. He and his wife owned Thrifty Gas Company.

**Catherine Evans Burney ('50)**, Aug. 4, 2016, Wilmington, NC. She volunteered at the women's shelter and was a founder of the Domestic Violence Shelter. Burney was preceded in death by her husband, **John Jay Burney Jr. ('50, JD '51)**.

**Raymond Alexander Harris ('50)**, May 30, 2016, Darlington, SC. He served in the U.S. Navy during World War II. Harris was a special agent with the FBI, worked in the safety department of the Atlantic Coast Line Railroad in Wilmington, NC, was in the hardware business in Darlington and owned a real estate company. He was chairman of the S.C. Republican Party and later became a national committeeman. Harris was a member of Wake Forest's Alumni Council from 1964 to 1977.

**Robert Burren Morgan (JD '50)**, July 16, 2016, Buies Creek, NC. He served in the U.S. Navy shortly before the end of World War II and again during the Korean War. Morgan remained in the

Navy Reserves through 1971 and served in the U.S. Air Force Reserves from 1971 to 1973. While a student at Wake Forest, he was elected clerk of court of Harnett County and served from 1950 to 1954. Morgan was a N.C. state senator from 1955 to 1969, N.C. attorney general from 1969 to 1974, U.S. senator from 1975 to 1981 and director of the State Bureau of Investigation from 1981 to 1992. He returned to practice law in 1991 in Raleigh and Lillington, NC, with his daughters. He served as founding president of the N.C. Center for Voter Education. Morgan was preceded in death by a daughter, Alice. He is survived by his wife, Katie; two daughters, Margaret and **Mary (JD '88)**; a son, Rupert; and five grandchildren.

**William Albert Alexander ('51)**, July 2, 2016, Kings Mountain, NC. He served in the U.S. Army during World War II, was a POW in Germany and retired from the Army Reserves as a major. Alexander was a minister of Christian education in the Carolinas for 10 years and a Bible and math teacher in the Cleveland County schools for 19 years.

**James Harden Burgess ('51)**, April 17, 2016, Greenville, SC. He served in the U.S. Army Chemical Corps during the Korean War and was a chemical engineer.

**George Parker Edwards ('51)**, June 2, 2016, Pendleton, NC. He served in the U.S. Air Force as a fusing systems specialist from 1952 to 1956.

Edwards retired from the U.S. Naval Aviation Depot, where he served from 1963 to 1988.

**Sara Courts McClure (MD '51)**, Sept. 7, 2015, Chapel Hill, NC. She practiced family medicine and retired from Southern Virginia Mental Health Institute in 1997. McClure was preceded in death by her husband, **Claude ('47, MS '58)**, and two children. She is survived by a daughter and three grandchildren.

**David Lee Wadford ('51)**, May 25, 2016, Raleigh, NC. He was a farmer before graduating from Southeastern Baptist Theological Seminary in 1955.

**Lula Norment Williams ('51)**, May 7, 2016, Lumberton, NC. She was a band director, guidance counselor and school psychologist for 37 years for public schools in North Carolina and Virginia.

**Priscilla Foster Cale ('52)**, Jan. 1, 2016, Mechanicsville, VA.

**William Gay Hendrix ('52)**, June 5, 2016, Raleigh, NC. He served in the U.S. Army Medical Corps and was chief of the eye clinic in Fort Stewart, GA. Hendrix had an optometrical practice in Raleigh for 52 years. He was preceded in death by a brother, **Walter ('58)**.

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## JACKIE MURDOCK ('57): THE DEACON IN HIS DEN

By Kerry M. King ('85)

**I**t's easy to find Jackie Murdock's home on a tree-lined street in Raleigh, North Carolina. Just look for the black and gold house.

I've come here on a picture-perfect spring morning to see his Deacon Den and his collection of Wake Forest pennants, prints and photographs. I wasn't expecting to see a black and gold house. "I just got tired of a white house," Murdock ('57) says simply, before making sure that I noticed that it's painted old gold, not some gaudy shiny gold.

The former Wake Forest basketball star and coach first lived here when he was in 10th grade until he took Wake Forest Road, a block away, 19 miles to the Old Campus. The Hall of Famer — he's in both the Wake Forest and North Carolina sports halls of fame — had an all-star career at Wake Forest, setting ACC and national records, then coaching with "Bones" McKinney on the 1962 team that advanced to the Final Four. He eventually made his way back to the 1920s house, painted white then, and raised his three children here.

When Murdock, 81, and his wife, Mary, added on to the house a few years ago, he decided to make the addition his Wake Forest room. Son Jack built the room, with black and white walls, gold trim and crown molding, and gold carpet. Wake Forest pillows rest on black leather couches. Walls are covered with vintage pennants, prints and assorted other Wake Forest stuff that Murdock buys on eBay or at auction sales.

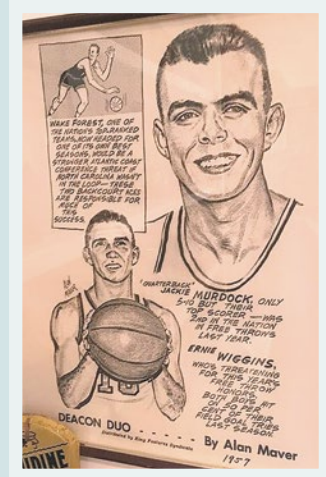
An enormous black pennant, a good 5 feet long, with gold-stitched letters "Wake Forest College '22," hangs on one wall. A number of other pennants, including several more from the 1920s, hang on two other walls. His favorite immortalizes a 1927 football victory: "Wake Forest 9, NC 8." When I ask him why, he gives me a quizzical look and replies as if it needs no further explanation, "Wake Forest 9, Carolina 8."

Pennants from Duke's appearance in the 1942 Rose Bowl stick out in Murdock's black and gold haven. Murdock didn't go to the game even though it was played in nearby Durham — he was only 8, he points out — but he once was a "Duke man." A multisport star in high school, he wanted to play for Duke, but the Blue Devils weren't interested. He ended up at Wake Forest instead, "about the only place that wanted me," he told me.

Coach Murray Greason ('26, P '59) had found a star. Playing alongside Dickie Hemric ('55), Lefty Davis ('57), Jim Gilley ('57, MBA '73, P '81, '83), Ernie Wiggins ('57), Wendell Carr ('58), Jack Williams ('58) and Olin Broadway ('59, P '97),



Murdock became one of the top shooting guards in the country. He set the major college record for career free throw percentage and an ACC record by converting 39 straight free-throw attempts. As a senior, he was named to the All-ACC first team and earned All-American honors, while leading Wake Forest into the national top 20.



Murdock returned to Wake Forest in 1960 to serve as freshman coach and an assistant coach under McKinney. When McKinney retired in 1965, Murdock served as head coach for a year before leaving college athletics behind for a 30-year career with the North Carolina Department of Transportation.

But if his black and gold haven is any indication, he never left Wake Forest, and the many friends he made, behind. Not everyone can have a Deacon Den, but he hopes there's one thing alumni can share. "I would hope people going to Wake Forest now will have strong feelings" like I have, he says.



**Herbert Raymond Madry Jr. ('52, MD '56)**, May 9, 2016, Raleigh, NC. He served in the U.S. Navy Medical Corps. Madry had a private practice in Roseboro, NC, before moving to Raleigh in 1963. He completed a residency in radiology at the UNC School of Medicine in 1971 and then joined Wake Radiology. Madry retired in 1996. He was a member of Wake Forest's Alumni Council from 1998 to 2001. Memorials may be made to Wake Forest School of Medicine, Medical Center Blvd., Winston-Salem, NC 27157.

**Frank Edward Ogonowski Sr. ('52)**, June 17, 2016, New Haven, CT. He served in the U.S. Army during the Korean War. Ogonowski played football at Wake Forest and was a senior environmental sanitarian for the State of Connecticut's Department of Environmental Protection until he retired.

**James Ray Carnes ('53)**, July 6, 2016, Louisburg, NC. He was commissioned a 2nd lieutenant in the U.S. Air Force in 1954. Carnes had many commands, served two tours in Vietnam and retired as a full colonel in 1981.

**Andrew Jackson Lewis Jr. ('53)**, June 16, 2016, Clover, SC. He was captain of the Wake Forest football team his senior year and played in two bowl games. Lewis retired as an obstetrician and gynecologist after practicing 44 years in Charlotte, NC. He served on Wake Forest's Alumni Council from 1962 to 1965. Lewis is survived by his wife, Rosemary; five children, including **Drew ('78)** and **Melvin ('98)**; two stepsons; and several grandchildren.

**Bryant Perry Lumpkin (JD '53)**, Dec. 6, 2015, Richmond, VA. He served in the U.S. Navy during World War II. Lumpkin taught and was assistant principal at Park View High School in South Hill, VA.

**Ronald Gene Small ('53)**, April 29, 2016, Matthews, NC. He served in the U.S. Army as a medical lab tech and a medic at Walter Reed Medical Center. Small started working at Alcoa in 1956 and retired in 1991 from the Pittsburgh main office as sales manager, specialty smelter products, primary metals division. He retired to New Orleans but lost his house during Hurricane Katrina and moved back to North Carolina.

**Donald Branch Bunch ('54)**, Nov. 10, 2015, Hertford, NC. He served in the U.S. Army and was a retired police officer.

**Billy Ray Craig ('54, JD '57)**, May 2, 2016, Florence, SC. He was a member of the Samuel Wait Legacy Society.

**James Arlond Dawkins III ('54)**, April 9, 2016, Murrells Inlet, SC. He was a retired minister having served Columbia Baptist Church in Falls Church, VA, for 22 years. Dawkins was preceded in death by his first wife, Betty Jo. He is survived by his wife, Sue; two daughters, **Jane Koppenheffer ('79, P '06)** and Elizabeth Ripley; a stepson, Mitch; seven grandchildren, including **Peter Koppenheffer ('06, MD '10)**; and four great-grandchildren.

**Wilbur Clyde Harris ('54)**, May 2, 2016, Pinetops, NC. He was co-owner of Conetoe Supply Company.

**Jacquelyn Tarkington Sessoms ('54)**, July 28, 2016, Virginia Beach, VA. She taught high school Spanish and was a Realtor.

**Donald Lawrence Sizemore ('54)**, May 12, 2016, Oxford, NC. He was a cottage counselor, baseball coach, caseworker and then director of admissions at Oxford Orphanage until 2003. Sizemore received the Joseph Montfort Medal for Distinguished Service in 1995.

**William Allen White ('54)**, July 21, 2016, Charlotte, NC. He served in the U.S. Army for two years and received his MBA from UNC-Chapel Hill. White was a CPA for PriceWaterhouse in Atlanta, opened the first office in Charlotte and worked in New York before becoming a partner and moving to Charlotte in 1976. In 1980 he founded Tradestreet Research. White is survived by his wife, **Marietta Chamblee White ('57)**; three children, **Alan ('87)**, **David ('90, MBA '99)** and Jon; five grandchildren; a brother, **Robert ('49, P '83)**; and a sister, Janelle Gore.

**Horace Obed Barefoot Sr. ('55)**, April 26, 2016, Fayetteville, NC. He was co-owner of Barefoot and Jackson's Furniture of Wilmington, NC, before joining the ministry. Barefoot was a Baptist pastor for more than 60 years, served as an interim pastor and was a consultant, associate director of development and director of public relations with the Baptist Children's Home of North Carolina. He was also vice president, director of estate planning and director of denominational relations at Campbell University.

**Corinne Webb Geer ('55)**, June 18, 2016, Morehead City, NC. Her career included Webb's Store; Geer Oil Co.; Tenney & Associates; Putnam Agency-Broker; special education program of Carteret County Schools; administration for Carteret County Alcoholic Beverage Control Board; finance officer, town clerk and tax collector for the Town of Pine Knoll Shores; register of deeds for Carteret County; and interim manager for the Town of Beaufort. Geer also volunteered and served on many boards, societies, clubs and councils.

**Charles Franklin Payne Jr. ('55, MD '58)**, May 10, 2016, Virginia Beach, VA. He served in the U.S. Navy and was a flight surgeon in Florida. Payne completed a residency at the University of Pennsylvania and studied at the Armed Forces Institute of Pathology in Washington, D.C. He served the next 20 years in the Navy Medical Corps and retired as a captain. He had a private dermatology practice in the Tidewater Virginia area for 40 years.

**James Nolan Spivey ('55)**, Feb. 24, 2016, Chesapeake, VA. He served in the U.S. Army and was the owner of Spivey Oil Company.

**Mary Jane Strider Chestnut ('56)**, May 3, 2016, New London, NC. She taught in Stanly County for 35 years.

**James Steward Harriman ('56)**, July 4, 2016, Asheboro, NC. He served in the U.S. Army, worked in the accounting department of R.J. Reynolds and retired to Asheboro. Harriman volunteered with the N.C. Zoo and Randolph Hospital.

**Frank H. McRae Jr. ('56)**, June 9, 2016, Matthews, NC. He was on the 1955 Wake Forest baseball team that won the College World Series. He was inducted into the Salisbury-Rowan Hall of Fame in 2008.

**Charles Veigr Steelman ('56)**, June 11, 2016, Port Charlotte, FL. He worked for McWilliams Forge Co. for 37 years. Steelman had also served as a fireman, special police officer, councilman and mayor of Mt. Arlington, NJ.

**Joe Ellis Warren ('56)**, July 25, 2016, Salemburg, NC. He served in the U.S. Air Force during the Korean War. Warren was a member of the 1955 College World Series Baseball Team and was a retired financial controller after 31 years with Plastic Tubing.

**Jerry Allen Donevant ('57)**, May 29, 2016, Seal Beach, CA. He served in the U.S. Navy, continued in the Naval Reserves and retired in 1985. Donevant had a career flying with Continental Airlines and as a test pilot.

**Donald Russell McNair Sr. ('57)**, July 4, 2016, Fuquay-Varina, NC. He served in the U.S. Army. McNair was a pastor at Baptist churches in North Carolina, Virginia and West Virginia and served as an interim after retirement. He is survived by his wife, Joyce; four children, Donald, Elizabeth, **David ('88)** and Jon; four grandchildren; and one great-grandchild.

**Patty Faires McKeel ('58)**, Aug. 19, 2015, Charlotte, NC. She taught Spanish and was a real estate agent for Cottingham-Chalk Realtors. McKeel served as president of the Charlotte Board of Realtors and retired in 2002.

**William Robert Thompson ('58)**, May 9, 2016, Chattanooga, TN. He coached football and track and field and taught physical education and health/wellness at Cleveland High School in Tennessee for 31 years.

**Jimmy Warren Aheron ('59)**, May 13, 2016, Burlington, NC. He was a textiles chemist and served 20 years in the U.S. National Guard. Aheron retired in 1997 and volunteered for the Red Cross and Hospice.

**Baron Sadler Elrod ('59)**, April 22, 2016, Crumerton, NC. He served in the U.S. Army. Elrod is survived by his wife, Valerie; three daughters; six grandchildren, including **Abigail R. Gensch ('12)**; and two great-grandchildren.

**Ector Lee Hamrick ('59)**, April 30, 2016, Suffolk, VA. He received his MDiv and DMin from Southeastern Baptist Theological Seminary and served churches in Indiana, North Carolina and Virginia. Hamrick and his wife were missionaries. He helped establish the Seafarer's Ministry, served as director of missions

## MARCELLUS E. WADDILL Professor Emeritus of Mathematics

Marcellus Waddill, a popular math professor who mentored generations of students, died Aug. 24, 2016, in Winston-Salem. He was 86.

Waddill joined the faculty in 1962 and retired in 1997. For much of that time, he was the chapter adviser to the Sigma Chi fraternity. He was a member of Sigma Chi as an undergraduate at Hampden-Sydney College.



Fraternity members and former students remembered Waddill as a kind and gentle man who exemplified honor and integrity. “Dr. Waddill had a profound impact on many hundreds of young men,” David Wagoner (’86, JD ’90) wrote on the Wake Forest Magazine Facebook page. “By his example and his counsel, Dr. Waddill challenged and inspired us to become gentlemen. We didn’t always succeed, but he made us want to try.”

Waddill was an excellent listener and role model who cared deeply about others, said another fraternity member, Scott Bradway (’83, P ’11, ’14). “He had this unconditional love for us, and you did not want to disappoint this dignified man. He was an example to us of what a man should be.”

During his long career at Wake Forest, Waddill chaired the mathematics and computer science department and received awards for distinguished teaching, community service, outstanding contributions to student life and outstanding chapter adviser for Sigma Chi. He was “always available to help and full of fatherly grace, patience and a quiet, gentle humor,” commented a former student, Robert Boyles (’90), on the Wake Forest Magazine Facebook page.

A native of Virginia, Waddill studied Greek, Latin and math at Hampden-Sydney. After earning a master’s degree at the University of Pittsburgh, he served three years in the U.S. Naval Reserves. He earned his Ph.D. in mathematics from Pittsburgh in 1962 and joined the Wake Forest faculty the same year.

He devoted his “intellect, mind and heart to Wake Forest,” his family wrote in his obituary. “He lived in a way that was genuine and good, with a calm strength and a listening ear that invited people to come and talk, whether it be good news or bad, joy or trouble.”

In 1994, his oldest son, David, established the Marcellus Waddill Excellence in Teaching Award in his father’s honor. The award was given annually until 2012 to two exemplary alumni teachers; each received a \$20,000 cash award.

Waddill is survived by his wife, Shirley; two sons, David (Irene) and Dan (Karen); and six grandchildren: Harrison (’14), John, Wilson, Lillian, Evan and Henry.

*Memorials may be made to College Park Baptist Church building fund, 1701 Polo Road, Winston-Salem, NC 27106 or Hospice, 101 Hospice Lane, Winston-Salem, NC 27103.*

and worked with Hope Tree Services in Portsmouth, VA. Hamrick was pastor emeritus of Port Norfolk Baptist Church.

**Willard Howard Upchurch Sr. (’59)**, July 8, 2016, Winston-Salem. He served in the U.S. Navy during the Korean War. Upchurch joined R.J. Reynolds in 1959 and was in management for manufacturing and purchasing until he retired in 1992. He was a sales and marketing consultant for the next 10 years. Upchurch is survived by his wife, Mary Ann, and son, **Howard (’85, MBA ’87)**.

**Joseph Whitfield Creech Sr. (’60)**, May 14, 2016, Albemarle, NC. He worked in laboratory services at Cabarrus Memorial Hospital (North-east Medical Center) in Concord, NC. In 2002, Creech relocated to Stanly County and became a “country boy.”

**Charles Hampton Mauzy III (’60)**, July 2, 2016, Winston-Salem. He taught at Glenn Junior High School from 1962 until 1969. Mauzy worked for the National Education Association from 1969 until he retired in 1990.

**Ruth Sorrell Mosley (’60)**, Aug. 2, 2016, New Bern, NC. She received her master’s in organ performance from North Texas State University. Mosley was a choral teacher at North Buncombe High School in Weaverville, NC, and music director at Weaverville United Methodist Church for more than 30 years. She was minister of music at Centenary United Methodist Church in New Bern, a pianist in Aurora and for more than 25 years a Mary Kay representative. After retiring, Mosley was a substitute organist for many churches. She was preceded in death by a brother, **David Sorrell (’57)**. Mosley is survived by her husband, John; three children, Paul, Sharon and **Diana Stegall (’88)**; and four grandchildren.

**James Earl Burckhalter (’61)**, May 17, 2016, Thomasville, NC. He served in the U.S. Navy during the Vietnam War. Burckhalter was a computer programmer for several companies, including Slane Hosiery Mills in High Point, NC, for more than 30 years.

**Albert Paul Conover III (’61)**, June, 6, 2016, New Port Richey, FL. He was head football coach at Rice University, named the Southwest Conference Coach of the Year in 1973 and inducted into the Largo High School Athletic Hall of Fame in 2013. He founded Conover Consulting. Memorials may be made to Wake Forest University, Athletic Department/Football/Deacon Club, 499 Deacon Blvd., Winston-Salem, NC 27105 or to Trinity Presbyterian Church.

**Kenneth Elbert Glover (’61)**, May 31, 2016, West Jefferson, NC. He served Menokin Baptist Church in Warsaw, VA, from 1964 to 1968. Glover worked more than 20 years with Telamon Corporation in Rich Square and Raleigh, NC. After he retired, he started Glover Synergy, a counseling and consulting business, then joined Wake County Resources for Seniors. Glover received the Ashe County Senior Volunteer of the



Year award. He is survived by his wife, **Lucinda Howell Glover ('64)**; two daughters, Sarah and Helen; and three grandchildren.

**Stephen Lee Renner ('61)**, May 5, 2016, Raleigh, NC. He served as a dentist in the U.S. Army and was a dentist in Raleigh for 46 years. Renner is survived by his wife, Karen; a son, **Stephen ('90, MBA '99)**; two grandchildren; and a brother.

**Edward Evans Robinson ('61)**, May 13, 2016, Greensboro, NC. He was founder and CEO of Roben Construction.

**Evva Jean Burnham (MD '62)**, June 26, 2016, St. George, UT. She worked in anesthesiology at LDS and Shriners hospitals and at Salt Lake Surgical Center.

**Jack Stanley Kennedy ('62)**, May 2, 2016, Clinton, NC. He served in the U.S. Air Force. Kennedy worked for First Union and First Citizens banks for 40 years. He was preceded in death by his first wife, Phyllis. Kennedy is survived by his wife, Carolyn; two sons, **Mike ('87)** and Gregg; five grandchildren; three stepchildren; and three step-grandchildren.

**Russell C. Lickfeld ('62)**, Feb. 11, 2016, Jacksonville, FL. He served in the U.S. Army. Lickfeld was the first president of the Citizen Police Academy Alumni Association of the Jacksonville Beach Police Department.

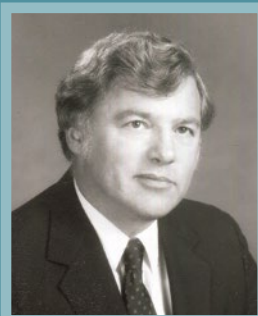
**James Rockwell Overcash Jr. ('62)**, June 8, 2016, Brentwood, TN. He served in the U.S. Army and the Army Reserves for 40 years and was a Vietnam War veteran and retired lieutenant colonel. Overcash served Brentwood Baptist Church, worked for LifeWay Christian Resources, was a minister of music, worked for the Tennessee Baptist Convention, served as interim director of Tennessee Baptist Disaster Relief and continued as a full-time disaster relief volunteer. He was also known as the voice of the Brentwood Bruins for the last 25 years for football, baseball and the marching band.

**Robert Lee Richardson Jr. ('62)**, May 28, 2016, Charlotte, NC. He was a retired chaplain and chaplain educator from Carolinas Healthcare System. Richardson taught at Belmont University, Atlantic Christian College (Barton College) and Southeastern Baptist Theological Seminary.

**William Capus Waynick Sr. ('62)**, April 20, 2016, Phoenix. He retired as a lieutenant colonel after 24 years in the U.S. Army. Waynick served two tours in Vietnam and received many medals. He raised Arabian horses.

**Lynwood Earl Williams Jr. ('65)**, April 22, 2016, Winston-Salem. He worked in the propane business in Kinston, NC, before moving to Winston-Salem to be closer to family. Williams was preceded in death by his father, **Lyn Sr. ('37, MD '38)**. He is survived by his wife, Kay; two sons, **Lyn III (MBA '09)** and David; five grandchildren; and two sisters.

## ROBERT W. SHIVELY Professor Emeritus of Management



Robert Warren "Bob" Shively (P '78, '80, '81), who helped found the Babcock Graduate School of Management and later served as dean, died July 18, 2016. He was 84.

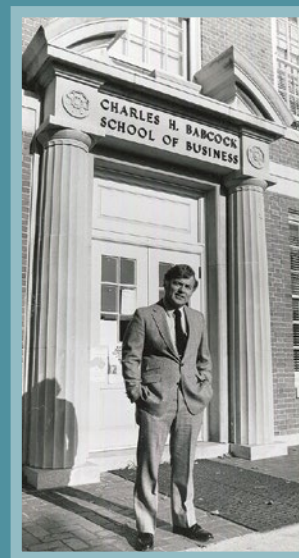
"Bob was a wonderful colleague, an accomplished leader and a strong supporter of our school," said Charles Iacovou, Sisel Distinguished Dean of the School of Business.

Shively earned his Ph.D. from Cornell University and taught there before being named associate dean of the new Babcock School in 1970. He was director of the School of Business and Public Administration at the University of Puget Sound in Tacoma, Washington, in 1980-81 before returning to the Babcock School in 1982.

During his tenure as dean from 1982 to 1988 the school was accredited for the first time. He helped start the evening MBA program and the career services office and established the first faculty chair, the Integon Chair of Finance. After stepping down as dean, he continued teaching until retiring in 1998.

Shively is survived by his wife, Julia; three children, Robert, Heather Austin ('78) and Selinda Chiquoine ('80); stepsons Lonnie Hughes ('81), Tim Spach and Chris Spach; and numerous grandchildren and great-grandchildren.

*Memorials may be made to Clemmons Moravian Church, P.O. Box 730, Clemmons, NC 27012 or Hospice, 101 Hospice Lane, Winston-Salem, NC 27103.*



**Charles William Cooksey Jr. ('66)**, April 9, 2016, Las Vegas. He was a one-man band, motivational speaker, educator, producer, broadcaster, author, mentor and street performer. Known as "Wild Bill," Cooksey broke the Guinness World Record for playing music continuously (18 hours, 16 minutes) in 1976. He founded USA Media Consultants, a publishing, placement and promotion business.

**Stephen R. Rotroff ('67)**, May 4, 2016, Longwood, FL. He had a private CPA practice before joining Lashley Seland & Rotroff PA as a partner. Rotroff worked with the Public Company Accounting Oversight Board.

**Ronald Jeffrey Day ('68)**, May 31, 2016, Corpus Christi, TX. He was retired from sales and marketing. Day was preceded in death by his wife,

Cissy. He is survived by a sister, Bonnie; two sons, **Brian Arthaud-Day ('90)** and Jeffrey; and two grandchildren.

**Thomas Eugene Duffee ('68)**, May 27, 2016, Richmond, VA. He served in the U.S. Army. Duffee retired after 28 years with Patient First in Richmond.

**William Augustus Folger II ('68)**, Nov. 3, 2015, Conyers, GA.

**David Scott Anderson ('69, MD '73)**, April 14, 2016, Ocoee, TN. He practiced internal medicine for 43 years, was chief of medicine at Bradley Memorial Hospital and chief of staff at Cleveland Community Hospital. Anderson served on the board for Cleveland Community Hospital and was a fellow of the American College of Physicians. He was on the medical team for white-

## RICHARD E. HEARD Professor of Music

Richard Heard (P '07), a classically trained tenor who taught voice for two decades, died May 8, 2016, following a lengthy illness. He was 57.

An accomplished vocalist who performed across the country and in Europe, Heard joined the faculty in 1996. He was also a choir director for various churches for 30 years.

"Richard was a wonderful musician, devoted teacher and just an absolute force of good in the world," said Professor of Music Peter Kairoff.

Jared Lilly ('08), a music performance major who recently received a master's degree in performing arts administration from NYU, said Heard was a major influence on his life. "I spent many memorable hours in Scales (Fine Arts Center) under Mr. Heard's tutelage," he said. "I learned a great deal about myself as a musician and about what I wanted for my life after Wake Forest. He was a caring, genuine and extremely talented man who left an indelible mark on my life."

A native of Dallas, Heard graduated from Southern Methodist University and earned a master's degree from the University of California, Santa Barbara. He made his operatic debut at the Aspen Music Festival and performed with orchestras across the United States. He taught at Jackson State University before joining the Wake Forest faculty.

He is survived by his wife, Brazell; daughters Toya and Brandi ('07); four grandchildren; his mother; and seven brothers and sisters.



O B I T U A R Y

Baptist minister. Brown served on the board of Mission of Hope Ministries and was also a real estate agent.

**Carolyn S. Eldridge (MAEd '73)**, July 7, 2016, Amarillo, TX. She was a teacher and counselor at Forsyth Technical Community College in Winston-Salem. Eldridge volunteered for CONTACT, a telephone counseling ministry, and began Parents' Anonymous, a parent support group. She moved to Amarillo in 2013 to be near family.

**Larry Shields Overton ('74, JD '77)**, May 28, 2016, Winston-Salem. He is survived by his wife, **Betsy Pittman Overton (MA '73)**; a daughter, Wynne; and a son, Shields. Memorials may be made to the Hospice and Palliative Care Center of Winston-Salem, the Music Ministry of St. Paul's Episcopal Church, or the Charley Rose Scholarship, Wake Forest School of Law, PO Box 7227, Winston-Salem, NC 27109.

**Barbara Muldoon Proctor ('74)**, June 18, 2016, Wilmington, NC. She taught English and French at Cape Fear Academy for 34 years. Proctor was also director of the Writing Center, adviser to the judiciary council and former head of the English department.

**Cynthia Ann Rousseau (MA '74)**, April 10, 2016, Moravian Falls, NC. She was a psychologist, with an expertise in child development, for more than 40 years.

**Deborah Darlene Tolbert ('74)**, June 16, 2016, Mount Airy, NC. She taught at White Plains Elementary School for 29 years.

**James Steven Reznick (MA '75)**, July 5, 2016, Durham, NC. He worked at a young age in his parents' retail business, Reznick's Music and Jewelry in Winston-Salem. Reznick's academic career began as research director of the Harvard Infant Study and then 11 years as an assistant and associate professor at Yale University. In 1998 he became a professor in the psychology department at UNC-Chapel Hill. Reznick received the C. Knox Massey Distinguished Service Award, the N.C. Order of the Long Leaf Pine, the Order of the Golden Fleece and the J. Steven Reznick Award for Psychological Research that Enhances Diversity. He was founder of the Cognitive Development Society.

**Robert Howard Stetler ('75, MD '79)**, June 8, 2016, Galax, VA. He had a surgical practice in Mocksville, NC. Stetler retired in 1999 from Blue Ridge Surgical in Galax.

**Edward Lane Alderman Jr. ('76)**, April 14, 2016, Roswell, GA. He was pastor of First Presbyterian of Perry, FL, until 1985, First Presbyterian of Vicksburg, MS, until 1994 and Roswell Presbyterian until he retired in 2015. Alderman was a founding member of the board of Rivers of The World and on the boards of Columbia Theological Seminary and Presbyterian College. He is survived by his wife, **Ellie Autry Alderman ('78)**; two children, Ashley and Daniel; one grandchild; and a sister.

water boating competitions, including the 1993 World Cup and 1996 Olympic Games. Anderson is survived by his wife, **Anne Hobson Anderson ('71, MT '72)**; two children, Amy and Paul; two grandchildren; and a brother.

**Susan Alice Honeycutt ('69)**, June 29, 2016, Mooresville, NC. She was a flight attendant for Eastern Airlines and retired in 2013 as vice president in finance for Bank of America in Charlotte, NC. Honeycutt is survived by her brother, **Ed ('63)**.

**James Huntley Watson ('69)**, June 20, 2016, Grayson, GA. He served in the U.S. Army and received his JD from Vanderbilt University School of Law. Watson had a law practice, Wagner & Watson PA, in Hawaii for 23 years. In 1998 he joined Holland & Knight PA in Atlanta. Watson is survived by his fiancé Linda, and two children, Johnathan and **Caroline**, a Wake Forest senior.

**Ira Michael Bernstein (MD '70)**, Dec. 2, 2015, Asheville, NC. He was a gastroenterologist for 40 years at the Asheville VA Medical Center.

**Peter Henry Ottmar ('70)**, May 4, 2016, Attleboro, MA. He was chairman of Mercury Graphics. Ottmar was a member of Wake Forest's Alumni Council, on the board of directors for the Deacon Club and a member of the Samuel Wait Legacy Society.

**Albert Stuart III ('71)**, Dec. 31, 2015, Richmond, VA.

**Thomas Sloane Guy III ('72, PA '74)**, Jan. 31, 2016, Sparta, NC. He was preceded in death by his grandfather, **Thomas Jr. ('39, LHD '60)**. Guy is survived by a son, **Thomas IV ('89)**; a daughter, Abbey; a grandson, Jake; and two sisters, **Linda Alford ('61)** and Christy Crochet.

**James Cletus Brown ('73)**, May 17, 2016, Lexington, SC. He received his MDiv from Southeastern Theological Seminary and was a



**Ann Marie Marsh Yow ('76)**, July 15, 2016, Winston-Salem. She worked at Wake Forest Baptist Medical Center for 40 years. Yow also assisted her husband, **Larry ('74)**, with his photography business.

**Marilyn Bell Caldwell (MD '77)**, July 4, 2016, Henrico, NC. Her residency and internship were at Misericordia and Lincoln hospitals in New York. Caldwell later worked at UNC Charlotte, Monroe Hospital and Kaiser Permanente in North Carolina.

**George Henry Pounds III (MBA '77)**, May 28, 2016, Lillington, NC. His career was in the textile industry and Fiber Industries in Shelby, NC.

**Elizabeth Loden Christian ('78)**, May 21, 2016, Abington, PA. She worked and volunteered to improve people's lives through initiatives in city schools, adult literacy, the Abington Library, her church, the local school district and in Tanzania and Nicaragua. Christian is survived by her husband, **Steve ('77)**, and two children, Kelly and Peter.

**Larry Thomas Joyner (MA '78)**, June 22, 2016, Hopewell, VA. He served in the U.S. Army Quartermaster Corps before joining the U.S. Department of Justice, Bureau of Prisons. Joyner retired in 2002 as supervisor of education. In 2007 he was named assistant director of Appomattox Regional Governor's School for the Arts and Technology in Petersburg, VA.

**Edgar Arnett Harris ('79)**, Jan. 12, 2016, Winston-Salem. He was a retired Baptist minister. Harris served First Baptist Church and the N.C. Baptist Retirement Homes.

**Deborah Sue Sheaffer ('80)**, July 5, 2016, West Linn, OR. She graduated in 1990 from the Iowa State University College of Veterinary Medicine and practiced small animal medicine in Portland, OR. Sheaffer was a volunteer and in 2003 became the first staff veterinarian at the Audubon Society of Portland.

**Philip Merkle (PA '81)**, April 28, 2016, Tucson, AZ. He was a physician assistant in Arizona, Colorado and North Carolina. Merkle volunteered for the American Refugee Committee in Sudan and Thailand.

**Gary Kelton Joyner (JD '82)**, Aug. 8, 2016, Raleigh, NC. He was a founding member of Petree Stockton & Robinson, now Kilpatrick Townsend LLP, where he was managing partner of the Raleigh office. Joyner was past chair of the Greater Raleigh Chamber of Commerce and the Research Triangle Regional Partnership.

**Walter Brown Joyner Jr. ('83)**, May 6, 2016, Concord, NC. Joyner was an agent with Northern Life Insurance and owner/operator of a landscaping business. He was preceded in death by his mother, Ruth, and father, **Walter Sr. ('50)**.

**Jeanne Marie Godar (MD '85)**, July 22, 2016, Janesville WI. She was a fellow of the American Academy of Dermatology and practiced in Raleigh, NC. After her children were born, Godar

moved to Janesville in 1992 and was a dermatologist with Mercy Health System.

**Bart Clayton Weems ('87)**, June 27, 2015, Bristol, TN.

**Lynn Hutchins Haney ('89)**, Aug. 7, 2016, Midland, NC. She was an editor for a division of IBM. Haney is remembered for her artistic talent and diverse interests.

**Robert Harrison "Tripp" Owen III (JD '89)**, June 28, 2016, Asheville, NC. He was a public defender and had a private practice in criminal defense in Asheville. Owen is survived by his parents, **June Myers Owen ('59)** and **Robert H. Owen Jr. ('59)**, and two brothers, Scott and Gregg.

**Kristie White Butler ('91)**, May 31, 2016, Raleigh, NC. She is survived by her parents; her husband, Ben; two children, Bennett and Logan; and two brothers, **Scott ('90)** and Kevin.

**William Lucius Harriss ('91)**, April 23, 2016, Greensboro, NC. He received his master's in counseling from N.C. A&T State University and served individuals with developmental disabilities for more than 20 years. Harriss is survived by his wife, Jennifer; two children; his parents, **Bill (MD '66)** and Jane; and a sister.

**Regan Hungerford Rozier ('99)**, May 23, 2016, Wilmington, NC. He received his JD/MBA from the University of Denver. Rozier practiced law with Johnson Lambeth & Brown. He is survived by his parents, **John ('63, MD '67)** and Farleigh; his wife, Colleen; and a son, Peyton.

**Geoffrey Thomas Marks ('12)**, May 14, 2016, Croghan, NY. He was a business growth analyst for Dealcloud LLC and a global talent acquisition specialist for Invue Security Products.

## Friends, Faculty, Staff, Students

**Charles Clifford Cameron**, May 28, 2016, Charlotte, NC. He served in the U.S. Army during World War II and earned a Bronze Star. Cameron was a chemical engineer with Standard Oil (Exxon) in Baton Rouge, LA; co-founder of Cameron-Brown Mortgage Co. in Raleigh, NC; president and chairman of First Union National Bank in Charlotte; and budget director for the State of North Carolina under Gov. Jim Martin. He was chairman of the UNC Board of Governors; a life trustee at Wake Forest; a board member at Meredith College; and chairman of University Research Park in Charlotte. He was awarded the N.C. Order of the Long Leaf Pine twice.

**William G. "Bill" Dooley**, Aug. 9, 2016, Wilmington, NC. The "Old Trench Fighter," so named because of his belief in old-style conservative football, revived the football programs at North Carolina (1967 to 1977) and Virginia Tech (1978 to 1986) before being named head coach at Wake Forest in 1987. In Dooley's first year Wake Forest finished 7-4 and he was named

ACC Coach of the Year. Over six years, he compiled a 29-36-2 record and three winning seasons, including his best, 8-4 in 1992, when he was again named ACC Coach of the Year. That same year, Dooley took Wake Forest to its first bowl game in 14 years, a 39-35 comeback win over Oregon in the Independence Bowl in his last game as coach. He was a member of the N.C. Sports Hall of Fame and honorary chairman and board member of the N.C. Special Olympics. Dooley is survived by his wife, Marie; four sons; and two granddaughters.

**Darwin R. Payne**, July 30, 2016, Carbondale, IL. He was an adjunct professor of scenic design in the theatre department from 1984 until retiring in 2001. Payne spent most of his career at his alma mater, Southern Illinois University, as professor and chairman of the theatre department. He wrote a number of books on theatre design, was a freelance designer for numerous theatre companies and designed and/or directed over 400 productions.

**Nancy Linden Respass**, May 29, 2016, Winston-Salem. She was the retired assistant to the senior associate dean for summer school and academic planning. Respass was a stay-at-home mom for 19 years before joining Wake Forest in 1990. She worked in the registrar's office before joining the dean's office. Respass was preceded in death by her husband, Dick. She is survived by her partner, Michael Studds; two daughters, **Christy Respass (MBA '00)** and Amy R. Schell; and three grandchildren.

# Facing my fear and finding my father

By Jim O'Connell ('13)

**“E DUCATING THE WHOLE PERSON.”** On the surface, these four words ring like any other slogan: profound, promising, vague. Since leaving Wake Forest, I’ve come to better understand what educating the whole person really means.

My mother’s name is Kathy, and my father’s name is Reproductive Sample No. 119. I am the son of a loving single mother and an anonymous sperm donor. I always knew the truth about my situation, so I never experienced anger or feelings of neglect — more simply, confusion. Throughout my childhood, I would daydream. *Is he a football star? An astronaut? Perhaps a senator?* Eventually, the daydreams gave way to a new conclusion: my father’s identity would forever remain a mystery.

This teenage belief was, in hindsight, like most other teenage beliefs: very strong and very wrong.

In the middle of high school, my mom’s computer pinged. A database built for connecting anonymous donors and offspring reported a match. Overnight, a donor number turned into a name — a name with a picture and a profession and a willingness to meet me. That is, if I were interested.

I was not interested. At 16, my interests boiled down to friends, school and sports; no room on the list for some guy who sorta-kinda-maybe might mean something to me. So I shut the door. With little to no reflection, I told my mom I never wanted to meet him. And that was that.

A couple of years later, I landed a spot at Wake Forest — the place promising to “educate the whole person.” Honestly, I don’t think I gave the slogan a minute of thought. If asked, I probably would have said it referred to those pesky divisional requirements.

Freshman year at Wake felt kaleidoscopic. New friends. Demanding classes. And navigating the labyrinthine aspects of college life (by this I mostly mean Tribble Hall). Yet along with the frenetic pace came quieter moments. Praying in an empty Wait Chapel. Running the Reynolda trails. Helping a fraternity brother process trouble back home.

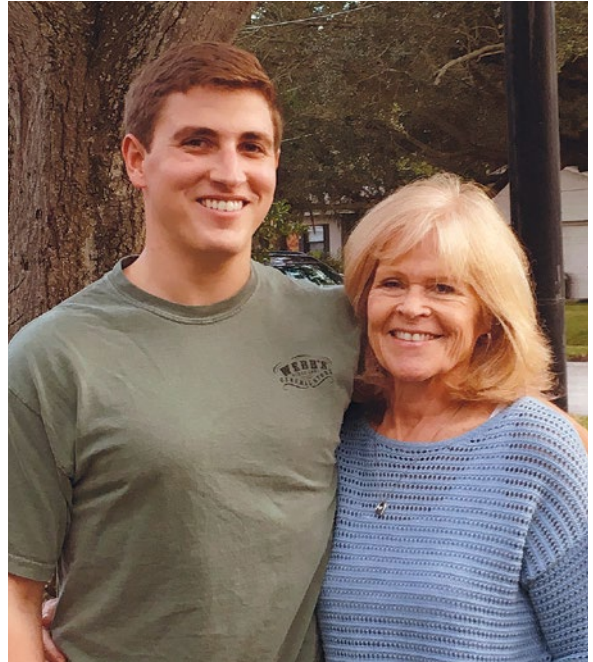
Four years later, I graduated and returned home to Tampa. Within a week, at the urging of a handful of very special Wake Forest friends, I wrote my dad an email. Paraphrasing only a tad, it basically said:

“Want to get coffee?”

We did. We talked about school, sports, his kids (my half-siblings) and his passion for medicine. It turns out he isn’t a football star, astronaut or senator. He’s a surgeon. Donating, he told me, helped him defray the cost of college and medical school.

After a little while, we said our goodbyes and wished each other well. On the long ride home, I found myself asking: had I not attended Wake Forest, would I have gone to meet him? It’s impossible to know, really. Yet part of me doubts it.

At Wake Forest, boldness — the facing of one’s fears, be they academic, entrepreneurial or familial — is the norm. I feared meeting my donor. For so many years, I let fear and doubt dictate my actions. *What if it’s uncomfortable? What if he’s just so-so? What if he doesn’t live up to my childhood dreams?*



Jim O'Connell told his mother, Kathy, he never wanted to meet his father.

Wake Forest — the people and the ethic of boldness coursing through our campus — encouraged me to face that fear. In doing so, I learned that it was not my father’s absence that mattered, but my mother’s presence. Her presence as well as the presence of family and friends, many of whom I met in college.

This, I believe, is the meaning behind the phrase, “educating the whole person.” It means inculcating in students not only ideas but also ethics. Ethics of boldness and friendship and honor. It is an education so total you don’t realize it’s happening until after it’s finished. It is, at bottom, an education of the soul, and it’s taking place right now.

*Jim O'Connell ('13) majored in politics and international affairs. He recently completed graduate work in history and religion at the University of Oxford, where he studied as a Rhodes scholar. He serves as CEO of the Vinik Family Foundation and chief of staff for Jeff Vinik in Tampa, Florida.*



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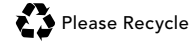




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Winston-Salem once produced “many of the world’s best known brands of tobacco, wagons, underwear, hosiery and harnesses,” according to the Winston-Salem Chamber of Commerce. Today, besides manufacturing, its evolving economy relies on jobs in health care, education, technology and financial services.

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