



# DukeMed AlumniNews

SUMMER 2007

## Mentors in Medicine

Dedicated Teachers  
Shape Lives and Careers

04

## Bird Photography

Keeps Leavell's  
Retirement in Focus

14

## Forgery or Fact?

Whangers Apply the  
Test of Science to  
Ancient Shroud of Turin

09



## Two new ways to tap into Duke's world-renowned approach to weight loss:

### 1. Click.

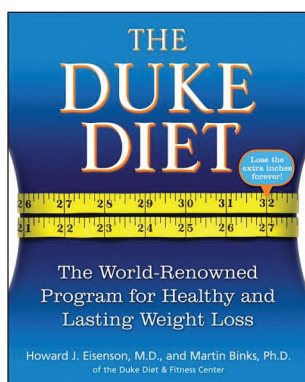
The new **DukeDiet.com** site is based on the proven weight-loss strategies of the Duke Diet & Fitness Center, whose residential treatment program has been helping people lose weight and change their lives since 1969.

Duke Diet & Fitness Online offers:

- Personalized plans for meals and fitness
- Advice from Duke experts
- Tools, recipes, message boards, and more

**SPECIAL OFFER FOR DUKE ALUMNI: Visit**

**dukediet.com/community** and get a free two-week trial, then renew at the special rate of \$4 a week.

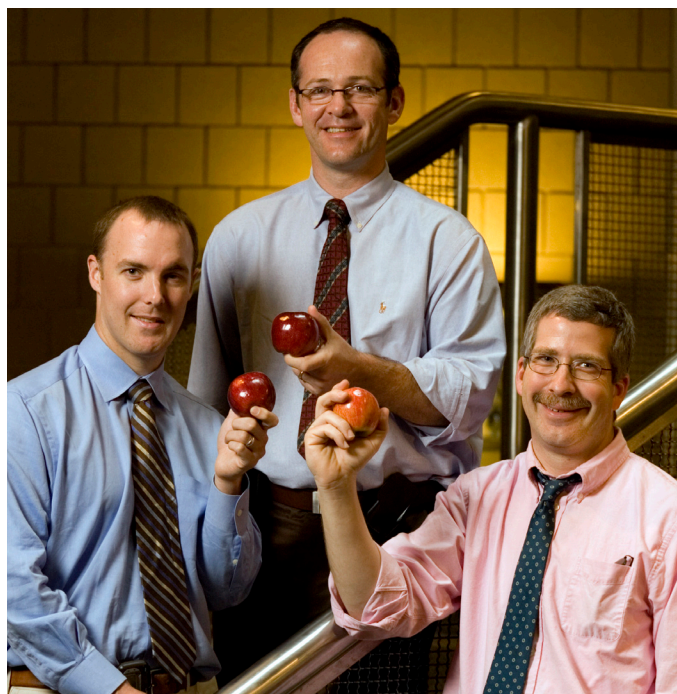


### 2. Read.

Our just-published **Duke Diet book** distills the principles and practices of the Duke Diet & Fitness Center. The book includes:

- Guides to nutrition and exercise based on the best science
- Behavioral strategies for lasting weight loss
- Daily menus, healthy recipes, and tips for modifying favorite dishes

To buy the book, go to **dukediet.com** and click "store."



*From left, Jack Haney, Stuart Grant, and Daniel Schmitt*

## Students Present Golden Apple Awards

Duke medical students presented three Golden Apple Teaching Awards at the Medical Student Faculty Show in March.

**Clinical Faculty Award:** Stuart Grant, MD, assistant professor of anesthesiology, described by student nominator Michael Barfield, MSIII, as "vivacious and hard-working...In class, he makes us feel like his colleagues, but at the same time he never forgets that we're his students, and he is intent on helping us learn how to better care for patients." Barfield added that Grant is a role model for many students, someone who puts his family first and leads a well balanced life.

**Basic Science Teaching Award:** Daniel Schmitt, PhD, associate professor of biological anthropology and anatomy, described by student nominator Michael Durham, MSII, as "original, invested, and enthusiastic...never afraid to get up on a desk or down on the floor of the amphitheater and strike a ridiculous pose in order to demonstrate an anatomical concept." This is Schmitt's third Golden Apple.

**House Staff Award:** Jack Haney, MD'04, HS-current, a general surgery resident, described by student nominator Robert Hayward, MSIII, as an "exceptional role model... Dr. Haney routinely went out of his way to teach me new things and to get me involved in the care of patients...I thought of him as someone I could model myself after as a resident." Recalling his own time as a Duke medical student, Haney says "I remember how a number of really good residents influenced me, and I hope that in future years... [my students] will remember the importance of the educational aspect of their job."





## Duke Med Class of 2007

Mary Beth Ficklin, Anthony Wang, and Bridget Kelly (from left) were among 99 Duke University School of Medicine students receiving the MD degree in May. General Motors Chairman and CEO Rick Wagoner encouraged graduates to "make sure you keep 'giving back' to your community high on your list."

## August Deadline for 2007 MAA Awards Nominations

Nominations are being accepted now through August 2007 for 2008 Medical Alumni Association Awards.

The 2008 awards will be presented during Medical Alumni Weekend, October 24-25, 2008. Nominations are being accepted for Distinguished Alumnus/a, Distinguished Faculty, Humanitarian Service, Distinguished Service, Honorary Alumnus/a, and the William G. Anlyan, MD, Lifetime Achievement Award.

Letters of nomination should include the candidate's name, his or her class year and/

or house staff years and specialty, the award category, a detailed statement of why the nominee should be considered, up to three letters of support, and your name, address, telephone number and/or e-mail address, class and/or house staff years, and specialty.

Please submit nominations by August 15, 2007—by mail, to MAA Awards Nomination, Duke Medical Alumni Association, 512 S. Mangum Street, Suite 400, Durham, NC 27701-3973, or online at <http://medalum.duke.edu> by clicking *Awards Program*, then *Make a Nomination*.

### DukeMed Alumni News

is published quarterly by the Duke Medical Alumni Association. Issues are available online at <http://medalum.duke.edu>. Your comments, ideas, and letters to the editor are welcome.

Please contact us at:  
**DukeMed Alumni News**  
 512 S. Mangum St., Suite 400  
 Durham, NC 27701-3973  
 e-mail: [dukemed@mc.duke.edu](mailto:dukemed@mc.duke.edu)

Ellen Luken  
 Executive Director,  
 Medical Alumni Affairs  
 and External Relations

**Editor**  
 Marty Fisher

**Contributing Writers**  
 Bernadette Gillis, Jim Rogalski,  
 Marsha Green, and Don Evans

**Graphic Designer**  
 David Pickel

**Photography**  
 Duke University Photography,  
 Marsha Green, Jim Wallace

Produced by the Office  
 of Creative Services and  
 Marketing Communications.  
 Copyright Duke University  
 Health System, 2007.  
 MCOC-5091



## Chancellor's Report Available Online

This is Duke Medicine: The 2005-2006 Chancellor's Report is now available on the [DukeMedicine.org](http://DukeMedicine.org) Web site. The report chronicles Duke Medicine's progress during its 75th anniversary year and beyond, featuring memorable events and institutional milestones from July 2005 through December 2006. The report also highlights strategic steps the institution has taken in preparation for future growth and success.



## Family Medicine Again Accepting Residency Applicants

Duke has begun accepting applicants for a new class of four family medicine residents that will begin in July 2008. The program stopped accepting applicants in May 2006 and has been redesigned to reflect a more team-based approach, focusing on chronic and preventive care.

"This is a paradigm shift," said **Lloyd Michener, MD, HS'78-'82**, chairman of the Department of Community and Family Medicine. "The program is now designed to meet the needs of the people we serve and to prepare physicians for leadership roles promoting health in their communities."

The new community and family medicine curriculum was designed with input from academic medicine leaders such as **Jordan J. Cohen, MD**, president emeritus of the Association of American Medical Colleges.

"I am very impressed with the forward-looking plan for Duke's new residency program in family medicine," said Cohen. "It is well designed to prepare both primary care practitioners and future leaders in medicine."

Residents in the redesigned program will spend less time in the hospital setting and more time on team-based ambulatory care aimed at prevention and chronic disease treatment. Previously family medicine residents spent 40 percent of their time in the inpatient setting. This has been cut nearly in half, to 23 percent. Beginning in the second year, residents will have daily office hours—very similar to the schedule of a practicing family physician. During the second and third years residents will gain 320 hours of clinic experience in the community setting.

Duke will also set itself apart from other programs with a fourth-year fellowship for a master's degree in clinical leadership. The additional year will help graduates identify community needs and design new ways to deliver care, according to **Brian Halstater, MD**, program director and assistant professor.

The new program has the full support of Duke Medicine leadership, according to **Victor J. Dzau, MD**, chancellor for health affairs and president and CEO of the Duke University Health System.

"This is a new model for training our family medicine doctors," Dzau said. "It will take our residents out into the communities more and prepare them to provide excellent care for chronic illness while also being able to practice preventive care."



## Save the Date! Medical Alumni Weekend 2007 October 11-14

If your School of Medicine class year ends in "7" or "2," 2007 is your reunion year.

Weekend Highlights:

### Thursday, October 11

- Entrée event for young alumni

### Friday, October 12

- Medical Alumni Association Awards Luncheon
- Educational Forum with **Dean R. Sanders "Sandy" Williams, MD'74, HS'77-**

**'80, Anil Potti, MD, HS'03-'06**, Nobel laureate **Peter Agre, MD**, and **Richard Frothingham, MD'82, HS'82-'93, FACP**

- Davison Club Celebration
- Duke Traditions Panel Discussion and Mentors in Medicine Ceremony
- Football and Tailgating, Duke vs. Virginia Tech
- Class Dinners

## Correction

In the 2006 Reunion Honor Roll published in the spring 2007 issue of *DukeMed Alumni News*, a number of alumni were incorrectly coded as deceased. We regret the error; please know that the following individuals are alive and well!

### CLASS OF 1949

Dr. John Powell Anderson

### CLASS OF 1951

Dr. Paul Huie Cook

### CLASS OF 1952

Dr. D. Parker Moore, Jr.

### CLASS OF 1953

Dr. James Michael Bacos  
Dr. George R. Parkerson, Jr.

### CLASS OF 1955

Dr. Robert G. Deyton, Jr.  
Dr. Thomas Byron Thames

### CLASS OF 1961

Dr. Thomas Edward Powell III  
Dr. Robert Kluttz Yowell

### CLASS OF 1971

Dr. Joseph S. Buffington  
Dr. Steven Stanley Juk, Jr.

### CLASS OF 1976

Dr. Keith Lowell Hull, Jr.  
Dr. John Carroll Murray  
Dr. Margaret W. Murray  
Dr. Robert Arnett Shaw

Dr. Sigmund I. Tannenbaum  
Dr. Stephen W. Unger

### CLASS OF 1981

Dr. James F. O'Neill, Jr.

### CLASS OF 1991

Dr. Rowena Dolor Cuffe



## Medical Families Weekend

About 200 Duke medical students and their parents attended Medical Families Weekend in March.

A new interactive format—developed with current medical students and faculty—featured mini-laboratory and classroom experiences including physiology-blood pressure lab, the standardized patient experience, the Duke Surgical Education and Activities Lab (SEAL), and personal digital assistant (PDA) boot camp.

The weekend started on Friday with a welcome supper and social and the Student-Faculty Show. In addition to the interactive program, Saturday's event with **Andrew M. Munro, MSIII**, Davison Council president, as moderator, included a talk on Medicine's Changing Face by **Edward G. Buckley, E'72, MD'77, HS'77-'81**, interim vice dean. **Bryant W. Stolp, MD, PhD'86, HS'88-'91**, assistant professor of anesthesiology and two Duke second-year medical students, **MacKenzie Cook** and **Matthew Uhlman** gave a human patient simulator demonstration. A luncheon and a presentation by fourth-year medical student **Aravind Chandrashekar** concluded the weekend's events.



*Mani Daneshmand, HS-current, a fellow in general surgery, demonstrates a dissection in the fresh tissue laboratory.*



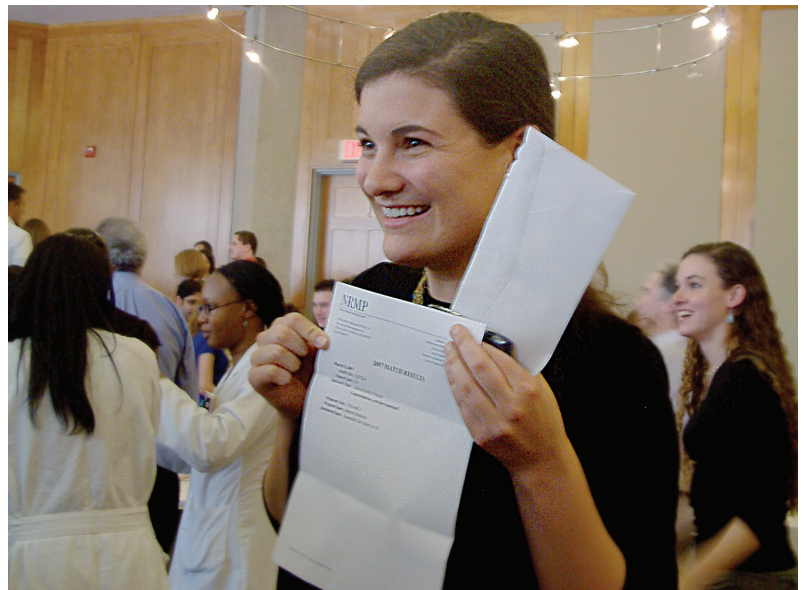
*Anuli Mkparu, MSII, and her mother, Regina Mkparu*



*Students (from left) Bobby Jones, T'02, MSIII, Aravind Chandrashekar, MD'07, and Amy Grover, MD'07, perform in the Student Faculty Show, Dr. Hoppins.*

## Match Day

**Andrea Havens, MD'07**, (right) one of 92 Duke medical students to participate in the nationwide "Match Day," learned she's heading to Vanderbilt University for her medical residency. Twenty-three of her classmates will stay at Duke and two will go as far afield as Hawaii. Other popular locations included Harvard (7), Johns Hopkins (8), and University of Pennsylvania (7). Many of the students are entering medicine as generalists, including 22 in internal medicine and 13 in pediatrics, and seven students will pursue research or further education.







"As a teacher I still love to hear about the influence I've had on them. You teach because you love to nurture."

Samuel L. Katz

Above: Sam Katz (right) and Tony Moody Below: Joanne Wilson and Stephen Odaibo

# Mentors in Medicine



By Bernadette Gillis

Seeing patients who continued to use illegal drugs during their pregnancies had a profound effect on **Annie Drapkin Lyerly, MD'95, HS'95-'99**, while she was a Duke medical student. Not only did it solidify her decision to become an OB-GYN, but it also sent her down a career path that few in the field had traveled before. She says her journey into the world of bioethics would have been nearly impossible without a mentor like **Charles Hammond, MD'61, HS'61-62, '62-'64, '66-'69**.

During her OB-GYN rotation, Lyerly was especially moved by the tensions between those pregnant women and their doctors. She says she understood the indignation and anger the doctors felt, but she also knew it was not their place to berate these women. Instead, it was their place to care for the women with empathy and compassion. She thought surely there was a way to employ the tools of philosophy to help lead today's physicians to better patient outcomes.

It didn't take Lyerly long to realize that her decision to become a



bioethicist within the field of OB-GYN was a rare choice. She would have few, if any, physicians to model her career after.

Fortunately Hammond, who at the time was chair of Duke's Department of OB-GYN, envisioned a place for bioethics in the field. As president of the American Society of Reproductive Medicine in the mid-1980s, he created and appointed members to the organization's first ethics committee.

"When practicing medicine you deal with all kinds of ethical questions," Hammond says. "I don't think we as physicians are as well-trained in this area as we should be. I thought going into bioethics could be good for (Lyerly's) career."

Lyerly says, "I needed someone to say there was value in what I wanted to do."

But Hammond's recognition of the value of bioethics wasn't the only thing that helped push Lyerly closer to her dream. His belief in her skills and abilities was important as well.

"A big part of mentoring is recognition," she says. "I believe people can't realize their ambitions unless they are recognized as someone who is special and has something special to give back to the world."

Thanks in part to Hammond's support, after medical school Lyerly says she never lost sight of her goals. "As I was working my way through residency (at Duke), everyone else was thinking about traditional paths, such as private practice. I still wanted to go into bioethics."

With Hammond's help and endorsement, Lyerly applied for and was awarded a Greenwall Fellowship in Bioethics and Health Policy. She says Hammond's letter of endorsement helped her become the first OB-GYN ever to receive the fellowship.

After the fellowship Hammond recruited Lyerly back to Duke, and today she is an assistant professor of obstetrics and gynecology. She is also a core faculty member in the Trent Center for Bioethics, Humanities, and the History of Medicine and the national chair of the American College of Obstetricians and Gynecologists' Committee on Ethics.

## HIGH STANDARDS

Ever since Duke medical school opened its doors 77 years ago with Dean Wilburt C. Davison, MD, at the helm, countless faculty members have taken on the role of mentor, each shaping the lives and careers of students and residents, and some even serving as mentors to fellow faculty members. Often they have an impact without even realizing it.

While mentoring is an integral part of any academic medical career, individual mentoring styles are as varied as the individuals who walk the halls of Duke Hospital and clinics.

**Randy Bollinger, MD, PhD '77, HS '74-'80, B '97**, Duke professor of surgery and immunology, remembers the distinctive style of his mentor, David Sabiston, Jr., MD, the legendary chairman of Duke's Department of Surgery for 30 years.

As a surgical resident in the early 1970s, Bollinger remembers

walking down the hall of Duke Hospital with a senior resident who was drinking a cup of coffee. Sabiston had made it clear to all residents that drinking coffee or soft drinks while wearing Duke Hospital scrubs was forbidden. When the senior resident saw Sabiston come around the corner, he quickly put the whole hot cup in his coat pocket.

"Dr. Sabiston had a very high standard and expected people to follow it," Bollinger says. "But he had those standards for a reason. He didn't want to spread infection."

Regardless of his rigid style, Bollinger says Sabiston possessed one important quality that should be present in every successful mentor—the ability to see each student or trainee as an individual.

Bollinger experienced this personally as a research fellow in the Department of Surgery. It normally took two years to complete the fellowship, but because he was also working to complete a doctorate in immunology, he needed an additional six months. He says Sabiston gave him the extra time he needed.

"He adjusted the training program to fit the needs of individual trainees," Bollinger says. "That's what he would do for the many people he supported wholeheartedly. Although he was demanding and asked much, he always gave much."

Bollinger says Sabiston also believed in leading by example. He expected all house staff to be actively involved with medical students. His own dedication to students was reflected by the four Golden Apple Teaching Awards Sabiston received from the students during his career.

"He wasn't asking us to do anything he wasn't willing to do himself," Bollinger says.



Annie Drapkin Lyerly and Charles Hammond



Now retired, Bollinger says his own style as a mentor over his 26-year career at Duke was very different from Sabiston's, but he did pick up some basic principles. "I didn't make people put their hot coffee in their pockets," he says laughing, "but like Dr. Sabiston, I encouraged my trainees to stretch beyond what they considered to be their limits."

### A CULTURE OF MENTORING

Though the concept of what it takes to be a mentor seems simple enough, at times faculty members need extra tools. That's why **Diana B. McNeill, T'78, MD'82, HS'87-'88**, director of the Duke Internal Medicine Residency Program, is leading a program that will help faculty members in the Department of Medicine become better advisors to residents.

Faculty advisors have always been available to help the department's residents keep on track with meeting requirements and other practical aspects of their training. And female and minority residents can find mentors through the department's Women's Mentorship Committee and Minority Retention and Recruitment Committee. However, starting in July McNeill's Educational Innovations Project (EIP) will give faculty advisors the tools they need to connect all 168 internal medicine residents with mentors in a formalized way.

"There's a difference between being an advisor and being a mentor," McNeill says. "A mentor can serve as a role model and help a resident identify long-term career objectives."

Throughout her 20 years on the Duke faculty, McNeill has served as both mentor and advisor. Her relationship with **Lillian F. Lien, MD'99, HS'99-'02, '02-'05**, was one that evolved over time, beginning as Lien's medical school advisor and later as her mentor.

Lien received her undergraduate degree in engineering at Harvard University but completed all of her medical training at Duke, where she is currently an assistant professor of medicine. McNeill says seeing one of her former students go through nearly every stage of her career was especially gratifying.

Although she was influenced by several key mentors throughout her training, Lien credits McNeill with being a major influence on her decision to become an endocrinologist and helping her increase her confidence, especially during the first year of her fellowship.

"At the beginning of subspecialty training you feel like you're supposed to be an expert, but you're still training," Lien says. "It was easy to go to Diana and ask questions. She helped fill in the gaps."

Now finishing up her second year on faculty, Lien says she has discovered a love of teaching residents, thanks in part to McNeill. "She is a major reason why I have such an attachment to educating the residents."

McNeill adds: "I teach students and residents how to be good mentors early on. Mentoring occurs over your entire career."

### LINK IN THE CHAIN

Samuel L. Katz, MD, chairman emeritus of the Department of Pediatrics, has won numerous awards over the past four decades for



*Randy Bollinger with a portrait of David Sabiston*

his contributions to pediatric infectious disease research and vaccine development, but he says his most recent award, the 2007 Pollin Prize, is unlike any he has ever received. In addition to \$100,000 to use as he wishes, he can award \$100,000 to a young researcher working in a related area.

Katz says he had no trouble selecting **Tony Moody, T'89, MD'99, HS'03-'06**, an HIV vaccine researcher whom he has mentored over the past eight years.

"Aside from the fact that I think he's very good, I really believe in his research," Katz says.

Though he never worked directly with Moody in a lab, Katz says he has complete faith in the work he's doing, and believes the prize money will be put to good use.

An instructor in the Department of Pediatrics, Moody says he will use the money to further his research. Since completing his fellowship in pediatric infectious diseases last year, he has been working with the Center for HIV/AIDS Vaccine Immunology (CHAVI) at Duke. "We still haven't developed any vaccine candidates that will work," he says. "The question is why? What is the block? I'm trying to figure out what that block is."

Katz—who will use his portion of the Pollin Prize to help establish a global child health fellowship in honor of his wife, international pediatric AIDS researcher and child health advocate, Catherine

Wilfert, MD—understands how great an impact the discovery of an HIV vaccine could have on the world. He was part of the team of scientists who with Nobel laureate John Enders, MD, developed the measles vaccine.

Though finding an HIV vaccine is a tremendous challenge, Moody says he's grateful to have support from mentors like Katz. "My relationship with him provides the ability to gain access to things you might not be able to get otherwise."

Moody says he also considers Katz a friend and enjoys the fact that he can consult with him on just about anything. He is honored to have a special connection to Katz's mentors, such as Enders, even though he never met them.

"There's a great chain of mentors," Moody says. "Through Dr. Katz I can feel connected to Dr. Enders, and the students I mentor are connected to Dr. Katz and so on."

Since first coming to Duke in 1968, Katz says he's probably mentored thousands of people, faculty included. He can't say to what extent he's changed all of those lives, but he says it does feel good when he gets letters of thanks from his "professional children."

"As a teacher I still love to hear about the influence I've had on them," Katz says. "You teach because you love to nurture."

## A PATH THAT FITS

Stephen Odaibo doesn't mind admitting he was intimidated when he first arrived on Duke's campus as an MD/PhD student in 2002. Though proud of the math degrees he received from the University of Alabama, he wasn't sure how he would measure up against classmates who had graduated from Ivy League schools.

"It felt like everyone was from Harvard and Yale," he remembers. "For me, coming to Duke was an experience in and of itself."

But now, one year away from defending his PhD, Odaibo says he has met and exceeded many of his goals, thanks to encouragement from mentors like **Joanne A. P. Wilson, MD'73**, professor of gastroenterology.

Soon after meeting Wilson, he realized she was a faculty member he could look up to and emulate. She was the second African American female to obtain a medical degree at Duke and later became Duke Medicine's first female African American faculty member.

Now Odaibo looks forward to claiming his own "Duke first." When the native Nigerian completes his MD/PhD, he says he will be the first African American to graduate from Duke with a PhD in computer science. "And I don't want to be the last," he adds.

Odaibo has followed in Wilson's footsteps in other ways as well. During his third year of medical school he served as a co-president of

Duke's chapter of the Student National Medical Association, just as Wilson did as a student.

He says he has been most impressed that such an accomplished educator and physician could be so approachable and welcoming. "Her humility inspired me," Odaibo says. "I feel like I could tell her anything."

Wilson also played a key role in Odaibo's decision to change his PhD department from biochemistry to computer science.

"She never explicitly told me, 'Don't do this' or 'Don't do that,'" he explains. "But she did say, 'Whatever you want to do has to have a purpose.'"

After some soul searching Odaibo decided that studying computer science fit more closely with his purpose in life. He hopes he can use his knowledge of computer science, math, and medicine to come up with better medical technology and treatments for people all over the world.

Although Wilson's career path is very different from Odaibo's, she still was able to help by sharing stories about the experiences of other MD/PhD students she worked with. She also helped him connect with other faculty members who had made similar career moves.

"I often help put students in touch with people who have the expertise to guide them," she says.

Serving on various committees such as the university's Academic Council and Duke Medicine's Appointments, Promotion, and Tenure Committee has given Wilson a good perspective on the various career paths available at Duke and other institutions.

"I have an idea of how things (at Duke) work officially and unofficially," she says, "and I try to pass that information along."

Wilson knows firsthand how important it is for students like Odaibo to have role models they can look up to. When she first

stepped on Duke's campus as a medical student in the late 1960s, she says she encountered several great teachers, but very few looked like her.

"When I was coming along, I had to take my mentorship from a varied group," she says. She says several women positively influenced her life: her grandmother, who was a sharecropper; her mother, who went back to college later in life and graduated when Wilson was in the seventh grade; and the nuns who taught her at the mission school she attended in Raleigh.

Regardless of who her students and residents seek as mentors, Wilson reminds them to map their own career paths. "The trail you may have to take may be different than your mentor's. Find the trail that fits who you are," she says. ■

"I believe people can't realize their ambitions unless they are recognized as someone who is special and has something special to give back to the world."

Annie Drapkin Lyerly



# Fact or Forgery?



"We feel  
this is an  
illustration of  
the most  
pivotal event  
in human  
history..."

Alan D. Whanger



Alan and  
Mary Whanger



# Applying the Test of Science to the Ancient Shroud of Turin

By Jim Rogalski

In 1977, while perusing the aisles of a quaint little Chapel Hill bookstore, Alan D. Whanger, T'52, MD'56, HS'65-'70, found himself rapturously drawn to a book with a bizarre photograph on its cover.

*The Sacred Shroud*, by Thomas Humber, a non-fiction work about the Shroud of Turin—the purported burial cloth of Jesus Christ—was published that year. Its cover bore the now ubiquitous grainy image of a bearded man's face. The man's full-body likeness is mysteriously embedded on the Shroud of Turin. Whanger—a Duke psychiatry faculty member from 1970-93—and hobbyist photographer—was captivated.

Public opinion about the Shroud of Turin is divided between those who believe it is indeed the burial cloth of Jesus and offers strong evidence of the Resurrection—the very foundation of Christianity—and those who believe it is a forgery concocted in the Middle Ages by a talented anonymous artist.

In 1977 the Whangers—both Christians—had no opinion on the matter whatsoever.

"We knew nothing about the shroud," Whanger says of himself and his wife Mary, WC'51, who was with him in the bookstore. "I thought the image was strange so I bought the book out of curiosity."

It didn't take long for that fundamental inquisitiveness and his self-described scientific bent to blend with Alan's medical and photography interests and morph into a lifelong obsession with the study of the shroud, called sindonology.

Today the Whangers are considered international experts on the roughly 14- by 4-foot piece of ancient linen—likely the most widely studied artifact in the history of modern science. They have appeared on major television and radio newscasts, in major print media, on the *History* and *Discovery* channels, and in documentaries about the shroud.

The Whangers' standing in shroud research circles was apparent in 1994 when they were invited to Oviedo, Spain, where Alan surgically removed (he is trained in surgery as well as psychiatry) some blood-stained threads on the Sudarium of Oviedo—the purported face cloth of Jesus. Unlike that of the shroud, the sudarium's history is well documented. Researchers hope the Vatican will eventually allow DNA testing of the blood on both the face cloth and the

shroud, using the face cloth threads that Alan removed. So far, forensics testing has shown the blood on both fabrics to be human, and both are type AB, Alan says. He adds that blood stains on the respective fabrics are so deteriorated that there is not enough material for full DNA testing, and only mitochondrial DNA testing would be possible. It hasn't been done yet, he suspects, because the Vatican fears a media storm if tests prove negative or inconclusive.

In 2000 Alan was one of only 39 shroud researchers and scientists from around the world invited to Turin, Italy, by the Archbishop of



The image of a chrysanthemum imbedded on the Shroud of Turin, center, is flanked by a drawing of the flower, right, and an image of a chrysanthemum created using coronal discharge, left.

Turin (the Vatican's custodian of the shroud) to discuss ways to better preserve the shroud and determine how to study it further.

Explaining their rise from shroud greenhorns to near movie star fame among shroud researchers the world over, Mary says simply, "One thing just led to another."

While Alan is the main scientific researcher, Mary also spends time in the library. She offers insights and a second opinion on his findings and is a writer and Alan's editor. The couple have written dozens of peer-reviewed articles for publications such as *Current Anthropology*; *Applied Optics*; and *Shroud News*, and two books about the shroud: *The Shroud of Turin, An Adventure of Discovery*, published in 1998, and 1999's *Flora of the Shroud of Turin*, which the Whangers co-wrote with Dr. Avinoam Danin, a professor of botany at Hebrew University of Jerusalem.

The bulk of their research has been on the discovery of non-



body images embedded on the shroud around the image of the full-sized man.

### CORROBORATED DISCOVERIES

The Whangers are credited with major shroud discoveries over the past three decades that have been corroborated and accepted among noted shroud researchers and scholars and rejected by others. They include:

- The presence of a second crown of thorns in the images on the shroud—not just one as mentioned in the Gospels
- Blood stains from the Sudarium of Oviedo match up with blood stains on the Shroud of Turin, indicating both cloths were in touch with the same person
- Images imprinted on the Shroud of Turin other than the front and back full-body image of a severely beaten and apparently crucified man include nearly 30 different flowers indigenous to Jerusalem banked around the body, at least one crucifixion spike, two Roman scourges (whips), a pair of sandals, a Roman spear, a reed with a sponge on top, a brush broom, a hammer, a pair of pliers, and a pair of dice. (Mary explains that it was Jewish custom to bury along with

the body anything that had the person's blood on it.)

- Coins cover each of the eyes of the man on the shroud. They are identifiable widow's mite coins of Pontius Pilate struck in the year 29. (Nothing in the Scriptures indicates that coins were placed over Jesus' eyes.)
- Christian iconographers dating back to the third century used the image of the face on the shroud as their model for creating paintings, coins, and statues. The earliest use is on a statue dated to the year 31.
- The 1988 widely publicized Carbon-14 dating of the shroud that put its origin in roughly the 13th century and led to news headlines declaring the shroud a fake, was greatly flawed because the part of the fabric tested was a highly contaminated corner that was re-woven after fire and water damaged the shroud in the 1500s. The Whangers showed this with their analysis of X-rays of the entire shroud fabric taken in 1978.

Many of the Whangers' findings have been greeted with furrow-browed skepticism by those who find their research

incongruent with their own ideas or with the Scriptures.

"We have been accused of seeing faces in the clouds," Mary says. "We try not to take it personally." But it can hurt, she admits, because such comments impugn their work, which she says is meticulous, thorough, documented, and always backed up by other experts.

Alan says attention to detail is something ingrained in his being. "I did a rotation under Dr. Eugene Stead, who was notorious for demanding that you examine detail," he says.

**William E. Hammond II, E'57, PhD'67**, a professor emeritus in Duke's Department of Community and Family Medicine and Department of Biomedical Engineering, agrees that Alan's work is thorough. "Alan has never claimed beyond what his research reveals. He has carefully distinguished his beliefs from what he can completely prove. The Whangers are legitimate investigators."

Still, Alan says, "the media has been generally skeptical to hostile toward the shroud and our work."

Once one of their media critics visited them at their Durham home to look at the non-body images they say are imbedded on the shroud. "He said several times, 'I see it but I don't accept it,'" Mary says. "Well, what can you do with someone like that?"

Yet bolstered by corroborative findings from other researchers in the U.S. and Europe including pathologists, botanists, chemists, radiologists, and Jewish and Roman historians, the Whangers' work has gained strong footing on the global stage of Shroud of Turin research.

"Alan and Mary have done very significant work," says Thomas D'Muhala, the president of the American Shroud of Turin Association for Research and chief scientist for Intek Technologies in Fairfax, Va., "particularly in regard to the discovery and identity of flora on the shroud, and his radiographic work."

D'Muhala, who lives in Raleigh, says the Whangers' work "serves to add to the circumstantial evidence that points toward authenticity—that this is a first century burial shroud that enfolded a body in Jerusalem. There's no test for Jesus Christ."



*Alan Whanger holds a woven crown above where the image of a similar crown appears on the full-length photograph of the Shroud of Turin.*



A split image of the face of the man on the Shroud of Turin, left, shows properties similar to those of a traditional X-ray of a human skull, right.

### HIGH INTENSITY FORENSICS

At the heart of the Whangers' research and what helped to establish them as shroud scholars is a photographic projection technique that Alan developed in 1981 called polarized image overlay.

With this technique, two images are projected on top of one another from separate slide machines. Each image is shown through separate polarizing filters at right angles to each other. The images are precisely aligned on the screen. The observer holds a third polarizing filter up to his or her eyes and rotates it right and left to watch the two images on the screen blend into each other. This allows for detailed analysis and tabulation of the congruencies and dissimilarities of the two images projected onto the screen.

Their research requires that the Whangers use hi-resolution photographs of the shroud. Loyola University religion professor the Rev. Francis L. Filas—a member of the Holy Shroud Guild in Upstate New York and the first to suggest there might be coins over the eyes of the man in the shroud—

gave them first- and second-generation photographs from glass plate negatives taken of the shroud in 1931 by Italian photographer Giuseppe Enrie.

The Whangers also have access to photographs taken in 1978 when a battery of studies was performed on the shroud. The 1931 photos are much more detailed, they say, because the shroud was nearly 50 years younger then. The images on the shroud are slowly fading with time. Water stains and scorch marks from a 16th-century fire that nearly destroyed it have tarnished and contaminated the shroud.

They have seen the Shroud of Turin several times in person, but the bulk of their research is done with the photographs and with sticky-tape samples taken off the shroud by Swiss botanist and criminalist Dr. Max Frei, who died in 1983. Frei's wife gave the valued slides and related collections to the Whangers. Alan examines fiber and pollen samples on the slides under a variety of high-intensity microscopes in his basement.

### NEWS AROUND THE WORLD

After reading the book *"The Sacred Shroud"* in 1977, the Whangers' curiously followed news about the shroud in the media the next year when it was on public display for the first time since 1933.

**James H. Charlesworth, D'65, PhD'67**—a Duke religion professor at the time—knew the Whangers had at least a passing interest in the Shroud of Turin. He returned from a 1979 research trip to St. Catherine's Monastery at Mt. Sinai with a photo of a sixth century portrait of Jesus called the Christ Pantocrator. The original is made of wood and colored wax, and a monk had told Charlesworth it is long believed that it was created using the image on the shroud as the model.

"That challenged Alan immediately whether he could prove that story is true," Mary says, "because the icon (art work) had accepted dating to about 550. If that were true, the shroud would have to be at least that old."

Alan says he immediately headed to the Duke Library to research image compari-

son techniques but did not find a useful technique for comparing facial images. He studied and compared the Christ Pantocrator icon and other icons with the shroud's facial image for nearly three years, developing the polarizing image overlay technique in the process.

In January 1982, Duke News Service hosted its first Shroud of Turin press conference with the Whangers joined by the Rev. Adam J. Otterbein—the president of the Holy Shroud Guild—reporting that Alan had discovered no fewer than 250 points of congruency between the Christ Pantocrator icon, its background imagery, and the face and background on the Shroud of Turin.

"A court of law," Alan pointed out that day, "requires just 14 points of congruency to match fingerprints and 45 to 60 points of congruency to match faces."

He explains than any Christian iconographer "would no more whip up a casual idea of what Jesus looked like than they would casually rewrite the Scriptures. Obviously they had access to the facial image on the shroud and considered it an authentic image of Jesus."

With national media in attendance, the Whangers' discovery was given much publicity and appeared in the *New York Times* and on most major television newscasts, often with footage from the Duke press conference. The story was news around the world.

The Whangers' work on the shroud intensified from there, and their reputation in shroud research circles grew.

When a reporter mentioned that Filas had suggested there may be coins over the eyes of the man on the shroud, and others suggested there were images of flowers next to the dead man's image on the shroud, the Whangers dove in with the same committed, Dr. Stead-like intensity and attention to detail.

Future press conferences at Duke shared more of the Whangers' findings including: 74 and 73 points respectively of congruency with coins over the right and left eyes with those of coins struck in the year 29; more than 120 points of congruency between blood stains on the front and back of the



Sudarium of Oviedo and the Shroud of Turin; and the presence of the non-body image items listed above.

Their studies have taken them to the Middle East, Italy, Spain, and Switzerland.

"This has kept us fairly busy," Alan says.

### THE WORLD'S FIRST X-RAY?

The age of the shroud has been debated for nearly 700 years since it first appeared for mass public viewing in France in 1357. There are documents recording the existence of the privately owned and sheltered shroud as far back as the first century, but they are difficult to validate and are summarily rejected by those convinced the shroud is a medieval forgery, created by a still unknown process. Despite no traces of dye, pigments, or stain having been found on the fabric, critics still say the shroud is nothing more than the work of a skillful artist.

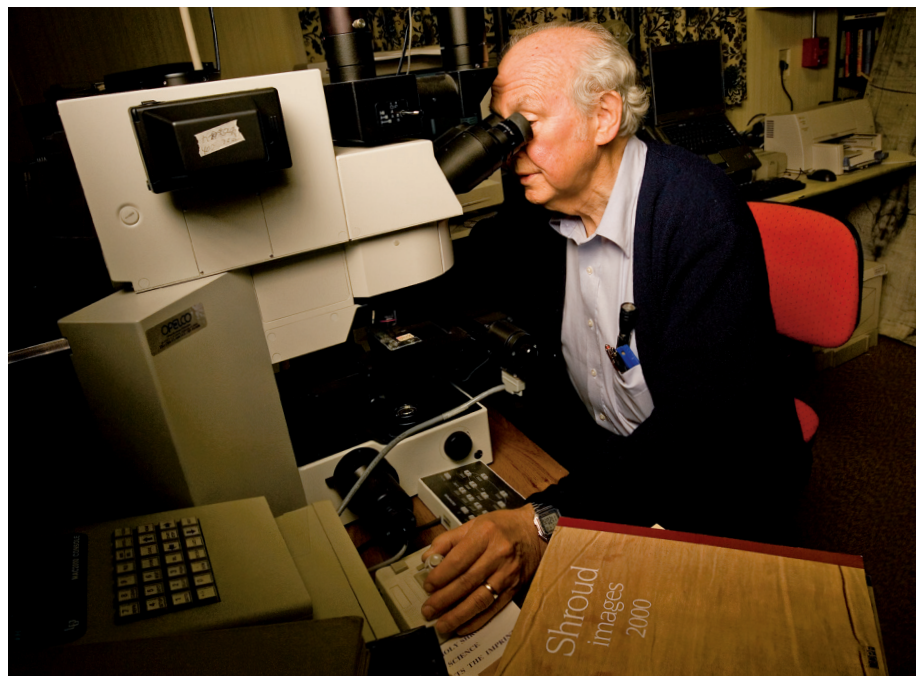
The Los Alamos Scientific Laboratory (LASL) run by the U.S. Department of Energy in New Mexico declared in the 1980s that the images were not painted because they rest only on the top surface of the linen's fibers—not absorbing into the fabric like paint or another liquid would.

Which brings up the biggest unsolved scientific mystery about the Shroud of Turin: how exactly were the images on the shroud formed?

Since the images are in photo negative form with stunning anatomical detail, Alan says that if the shroud is indeed a medieval forgery, then the artist who created it would have had to have knowledge of the art of photography some 600 years before photography existed. "Not only that," he adds, "but the body image is an anatomically and physiologically correct image of a 30- to 35-year-old Semitic male who has been severely beaten, scourged, and crucified. The artist would have had to have medical knowledge that did not exist at the time."

To Alan—who did a radiology elective while a student at Duke—evidence strongly suggests that the Shroud of Turin is "the world's first X-Ray."

"Physicists and radiologists who have studied the shroud agree that there is



*Using a high-powered microscope, Alan Whanger studies a sticky tape sample taken from the Shroud of Turin.*

evidence of radiation, but they can't explain it," Alan says. "Some physicists speculate the images were made by a kind of radiation that is different from normal X-rays, but is as yet unknown by humankind."

LASL stated that the images likely "had been formed by a burst of radiant energy—light, if you will." The lab cited similarities to images formed on stones by fireball radiation from the atomic bomb at Hiroshima, Japan during World War II.

Pope John Paul II, in a 2000 visit to the Shroud of Turin, said simply: "It is a challenge to our intelligence." Everyone can see the image of the dead man, he said, yet, "no one at present can explain it."

Alan believes two forces were at work to create the detailed X-ray-like skeletal and surface images on the shroud: autoradiation (radiation emanating from within the body), and coronal or electrostatic discharge from the surfaces.

"You can see the teeth and their roots, and the bones in the hands and wrists," he says. "The images were formed in a very short period of time—perhaps a tenth of a second—with the release of vertically directed complex radiation, not radiation going in different directions. Because the blood clots on the shroud are intact, the body disappeared from within the folds of

the shroud."

Many attempts have been made to duplicate the Shroud of Turin, but to date no one has succeeded.

"It has defied 68 different academic fields trying to figure it out," Alan says.

But to the Whangers, the scientific evidence they and other researchers have discovered about the Shroud of Turin strongly suggests that it is in fact the burial cloth of Jesus Christ, and offers scientific evidence of the Resurrection.

"We feel this is an illustration of the most pivotal event in human history," Alan says. "This is no accident. It was carefully designed by someone who knows how to take molecules apart and put them back together. All we ask is that people look at the scientific evidence and then decide for themselves." ▀

*Some of the Whangers' findings can be seen on their Website at [www.shroud-council.org](http://www.shroud-council.org). They, along with other Triangle area shroud researchers, are working to establish the non-profit Shroud Institute in the Durham area to house their massive collection of photos, microscope slides, documents, coin collections, books, equipment, and more. It will serve as a research hub as well as a public museum.*

## 1940s

**Charles Edward Kernodle, Jr., MD'42**, is now in his 57th year as physician for the Burlington Williams football team, which has won four state championships. He attends all the team's home and away games. Kernodle says he still enjoys quail hunting, taking daily walks, and attending Duke basketball games in Cameron. He has two sons and lives in Burlington, N.C.

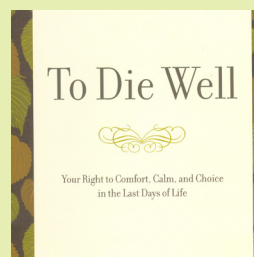
**R. A. Greer Ricketson, MD'42, HS'42-'43, '45-'48**, lives in Nashville, Tenn., and celebrated his 90th birthday on Oct. 21. In 1998 he was named clinical professor of plastic surgery emeritus at Vanderbilt University School of Medicine. His daughter Letty R. Perkins is a retired third grade teacher. His son Greer Ricketson, who attended Duke for one year and later went on to earn a medical degree from Tulane University, died in 2002.

**Robert Lawrence Hallet, MD'49, HS'49-'50**, retired since 2003, writes that he still enjoys flying his PA-32R aircraft, although he always flies with a copilot now. He is former chairman of OB-GYN at Grant Hospital and Mount Carmel East in Columbus, Ohio. He and wife **Sondra, WC'48**, have one son, three daughters, and four grandsons. The couple lives in Columbus.

## 1950s

**Dean McCandless, T'46, MD'50, DC**, and his wife Polly recently celebrated their 65th wedding anniversary. The couple met in 1941 when they

were both stationed at Fort Sam Houston in Texas. They now live in La Quinta, Calif., and have three children, five grandchildren, and six great-grandchildren.



▲ **Sidney Wanzer, T'50, MD'54**, has coauthored the book, *To Die Well: Your Right to Comfort, Calm, and Choice in the Last Days of Life*. Published by Da Capo Press, the book gives guidance to terminally ill patients and their families on patients' rights, what to expect from the doctor, and how to stay in control of advance directives. Until his recent retirement, Wanzer was director of Harvard Law School Health Services and an internist in private practice. He lives in Concord, Mass., and has three grown children and six grandchildren.

**Richard F. Bedell, T'53, MD'57**, is staying very busy in retirement. He and his wife of 50 years, **Jean, N'56**, make frequent trips to volunteer their health services in India, Mexico, China, and Africa. Each year they spend two months in India, where he teaches pediatrics and Jean teaches nurses about geriatric care. Recently, Richard became a needs assessor with Project C.U.R.E., which sends used medical equipment to countries in need. This entails traveling

to various countries to assess what equipment is needed. The couple has four grown children and 10 grandchildren and lives in Boulder, Colo.

**Rubin Bressler, MD'57, DC**, is partially retired and still working as a professor at the University of Arizona in Tucson. He and his wife Paula have been married 51 years. They have two children—**Stephen, T'80**, and **Karen, T'88**—and live in Tucson.

**Joseph Plummer Bunn, T'54, MD'57**, retired as a pediatrician in 1996, but says he has managed to stay very busy. He developed the Windsormere Professional Office Park in Oviedo, Fla., where he lives. He completed training through the Stephen Ministries program and serves as a minister at All Saints Episcopal Church in Winter Park. He also serves on advisory committees for the older adult work group of the Winter Park Health Foundation, the Florida Pioneer Network, the Senior Resource Alliance, and the Water Park Public Library's Lifetime Learning Institute. He is an active Rotarian and enjoys gardening. He says he has also recently renewed his interest in genealogy. He and his wife Katherine have four children and 11 grandchildren.

**William E. Painter, T'53, MD'57, DC**, a retired radiologist, and his wife Karen celebrated their 40th wedding anniversary in January. They have three children—**William, Jr., F'00**, Amy, and Emily, and live in Lynchburg, Va.

**William Ivan Procter, MD'57, DC**, is on the N.C. Board of Occupational Medicine and the board for the N.C. Museum of History. He and his wife Happy live in Raleigh and have four children.

**Robert L. Smith, MD'57, DC**, presented a paper titled "Treatment of Altitude Sickness in Adventure Travelers" at the European Conference on Travel Medicine in Venice, Italy, in May 2006. He lives in Shoreline, Wash.

**H. Courtenay Harrison, MD'59, HS'59-'60, '62-'64, DC**, retired in January 2006 after practicing endocrinology for 40 years. In 2005 he was named Virginia Beach Sentara Health Care Physician of the Year. Now that he's retired, he says he hopes to return to music, his "greatest love after medicine." Aside from playing the piano, he enjoys tennis and golf. Harrison and his wife Barbara live in Virginia Beach, Va. They have four children, Courtney Jr., Tom, Randy, and Carol, and 12 grandchildren.

## 1960s

**Stanley I. Worton, MD'60, DC**, a retired radiologist, has been named to the board of directors of the Health Foundation of South Florida. He and his wife Joan live in Miami.

**Robert F. Corwin, MD'61**, retired from urology in May 2006. He and his wife Sandra live in Waco, Texas, and have three grown children.

**Latham Flanagan, Jr., MD'61**, retired from bariatric surgery in 2005. His wife Jane had bilat-

eral knee replacements for her arthritis in April 2006, and the couple celebrated her progress by spending seven days aboard a dive boat on Australia's Great Barrier Reef in September. They live in Eugene, Ore., and have three children. Daughter Jennifer has three-year-old twin girls, daughter Sahale recently got engaged to her longtime "best friend" and will be married in May. Son David is 21.

**Charles C. Massey, Jr., MD'61, DC**, a retired surgeon, and his wife Ingrid are living in The Pines at Davidson, where he recently got approval for a resolution to make the entire retirement community smoke free. The couple has three daughters, two sons-in-law, and three grandchildren.

**Robert N. Grant, T'59, MD'62**, is director of hyperbaric medicine and a hand care center in San Angelo, Texas. He and his wife Denise have two children in college.

**Norman B. Ratliff, Jr., T'59, MD'62, HS'62-'63, '65-'69**, retired from the Cleveland Clinic in December 2005 and has since moved to Montrose, Colo. He and his wife Duane have three children—two are teachers and one is a cardiologist—and three grandchildren.

**Mary R. Andriola, MD'65, HS'65-'66**, was named by *New York Magazine* as a Best Doctor in Child Neurology for 2005-06. She is a professor of neurology and pediatrics at the State University of New York at Stony Brook. She and her husband James Levine have three grown children and live in Setauket, N.Y.



## Bold & Beautiful —Leavell has an Eye for the Birds

The large adult bald eagle plunged from a telephone pole on a side road near the shore of Lake Kissimmee, Fla., its razor sharp talons extended. The powerful and revered bird of prey wasn't going after a fish in the lake or a bunny in the bushes. It was headed straight for Ullin W. Leavell Jr., MD'45, HS'45-'46.

"I thought he was going to get me. He was really mean," says Leavell, who has learned a thing or two over his lifetime about getting great photographs, mainly that sometimes it requires taking risks. "He didn't like me in his territory."

The eagle came to within a dozen feet of Leavell's head before veering off, but not before Leavell was able to snap a series of photographs, capturing the eagle in its full glory with wings and talons outstretched.

In a lifetime dedicated to his photography hobby, the image remains one of Leavell's all-time favorites.

"It's my lead picture for lectures for Rotary, camera clubs, and computer societies," he says.

Since retiring from private dermatology practice 10 years ago, and as chairman of the dermatology department at the University of Kentucky Medical Center four years ago, Leavell's time has been filled with photographing birds and giving slide show presentations and how-to lectures about the art of photography.

"Photography has always been a miracle to me," he says, "...that you are able to take a picture. As a retired person and not into

medicine anymore, this is challenging and it fills a lot of time. Everyone who is retired needs a good hobby."

He has won many photo contests from various camera clubs in Kentucky, where he lives most of the year, and in Florida, where he has a winter home, most recently taking first place at the Indian River Photo Club in Vero Beach, Fla., for a photo of an osprey. He has written how-to articles for camera clubs and newspaper articles about the more fascinating birds on Florida lakes.

*Ullin Leavell and his wife Linda*

His most notable award was in 1977 when he won a national contest sponsored by Eastman Kodak Company.

"I had a camp on Herrington Lake (Kentucky) and got up early one morning. The fog was lifting and there was an old house boat and two fishermen leaving in a boat with mountains in the background. It was a nice picture," he says.



*Leavell's 1977 Eastman Kodak national award winning photograph of an old house boat in Kentucky.*

His interest in photography began while he was in his teens. It continued while in the U.S. Army right after World War II, where he developed his own black and white photos in a darkroom in the officers' quarters while stationed in Japan.

His interest in bird photography began in the late 1950s when he took a guided nature tour of Sanibel Island, Florida, where his second home is located. To date he has photos of more than 100 different birds and more than 4,500 bird photos on his computer. Within the past three years he has captured photos of various birds on the endangered species list including eagles, ospreys, scrub jays, Savannah sparrows, and whooping cranes.

His photography has been entirely digital for the past three years. He uses a 16 megapixel camera and high-powered telephoto lens—equipment similar to what most professional sports photographers use. He said he especially enjoys editing the photos on his computer.

Linda, his wife of six years, goes into the field with him and helps to carry his nearly 40 pounds of camera equipment. "She says she's my pack mule," he jokes. "She drives the boat and she drives the car and she helps to spot the birds."

He gives presentations to various Audubon Society chapters, clubs, civic organizations, and camera clubs, to not only showcase his work, but to offer photo tips to aspiring nature photographers.

His number one piece of advice about bird photography: "When you first spot a bird, take a picture of it. Then try to get closer, take another picture at, say, 40 yards, then 30 yards, 20, then 10."

Also, it's a good idea not to tick off a bald eagle.

He and Linda live in Lexington, Ky. He has two children and two grandchildren.

—Jim Rogalski





*An egret in breeding plumage in  
Augustine, Florida*



*An Osprey near Blue Cypress Lake, Florida*



*A baby horned owl near Vero Beach, Florida*



**Charles J. Niemeyer, MD'66, HS'68-'72**, recently completed his sixth medical mission trip to Vladimir, Russia. He and his wife Carolyn live in Gastonia, N.C., and have five grandchildren.

**Rufus Head, MD'67**, says he's planning to retire this summer

as a diagnostic radiologist at Bridgton Hospital in Bridgton, Maine. He says he and his wife Susan have no plans to move out of Maine once he retires. They enjoy skiing, photography, classical music, and travel, have two daughters and three grandchildren, and live in North Bridgton.

**Robert N. Marshall, Jr., MD'67, HS'67-'70**, currently practices pediatric endocrinology at T. C. Thompson Children's Hospital in Chattanooga, Tenn., and hopes to retire in two years. Outside of work, he says he is "addicted" to digital photography, gardening, and travel.

He has three children and two grandchildren with another on the way. His son Robert, an anesthesiologist in Raleigh, is married to a gynecologic surgeon. Daughter Karen, who lives in Chapel Hill, works for an educational software development company. Son Allen is in his third year of an ENT

residency at UNC-Chapel Hill.

**Michael R. McMillan, MD'67**, retired since October 2000, is listed in *Marquis Who's Who in America*, 61st edition 2007. He lives in Conway, S.C.

**Robin T. Vollmer, T'63, MD'67, HS'72-'73**, practices surgical pathology, dermatology, and

## Driven by a Love for Classic Cars

As a child growing up in Smithfield, N.C., **William J. Massey III, T'58, MD'62**, didn't think much about cars. That is, until one Sunday afternoon when a brand-new dark blue 1946 Lincoln Continental pulled up in his neighbor's driveway.

The car's beauty blew him away. "It was a knockout," Massey remembers.

The driver had come to court Massey's neighbor, a teacher, and every time the driver came back, 10-year-old Massey would run outside to get a look at the car before the couple set off for an afternoon spin. Finally one day, the gentleman asked Massey if he wanted to ride. Massey didn't hesitate to hop in the back seat that day and every Sunday after until the courtship ended.

Those Sunday drives may not have resulted in marriage for the neighbor and her suitor, but Massey says he was forever in love with automobiles.

Today Massey participates in car shows across the country. He has taken his 1967 Jaguar Mark II, 2006 Chrysler Crossfire, 1975 Rolls-Royce, and 1981 DeLorean to some of the country's biggest shows, including the Amelia Island Concours d'Elegance in Florida and the Pebble Beach Concours d'Elegance in California.

In April he bought a Duke blue 1952 Bentley Mark VI that he hopes to begin showing at events soon.

Aside from the major shows, Massey also participates in events in Williamsburg, Va., where he lives and at other events across the state. Each year he attends about 12 shows, sometimes acting as host and organizer. He recently was named organizer for a national Rolls-Royce/Bentley event, which will be held in Williamsburg in June 2008.

Unlike automobile owners who carry their display-only cars to shows on trailers (or



*William Massey and his 1955 Thunderbird*

"trailer queens" as he calls them), Massey believes classic cars, just like a Rolex watch or any other luxury in life, should be fully enjoyed, not kept locked away. He says he drives his cars every day, even using the Jaguar to occasionally haul grass seed.

Despite what some "trailer queens" may think, Massey says driving the cars actually does them good. "A car that gets driven performs better, and it doesn't break down," he says. "Just like the human body, cars will rust if you don't use them."

Obviously driving his cars around hasn't hurt Massey's chances of doing well in shows. He often places either first or second in his class.

Over the years Massey has owned 14 cars—some classic, some not so classic. As an undergraduate at Duke, he owned a 1955 Thunderbird. While in medical school he drove a 1957 Corvette that he says he later traded in for a Sunbeam Alpine. Then, to make room for his wife and new baby, the Sunbeam was replaced with a station wagon.

Eventually after setting up his solo practice in Williamsburg, he was able to give up the station wagon for something more a little more fun—a Jaguar for himself and another for his wife.

Although the automobile enthusiast devotes much of his time to cars, Massey sees patients every day at the same internal medicine practice he established almost 40 years ago. At 71, he says he has no plans to retire.

But even at work, he is still surrounded by cars. His office is decorated with pictures of classic cars and other automobile memorabilia, including a clock that revs up like an engine every hour on the hour. He says, "It drives my secretary crazy but I love it."

Massey has two children. Kelly practices international law in Geneva, Switzerland, and is married with one child, Virginia. **Gant, T'86, PhD**, is an environmentalist and lives in Montana.

—Bernadette Gillis

## Griffin Channels Muse Into Poetry

**I**nspiration can be a fickle thing. Sometimes it creeps up like a summer rain and teases you with droplets of motivation. Other times it slams you like a lightning bolt with creative energy at the most inopportune time.

Like when driving. Or talking to your neighbor. Or treating a patient for a head cold.

Which is why **E. Wilson “Bill” Griffin, III, MD’78, HS’78-’81**, always keeps a notepad and pen near by.

Griffin, a physician at Jonesville Family Medical Center in Jonesville, N.C., can find muse in everything from nature to medicine to the people around him, and he channels his observations and ruminations into free-verse poetry.

His second book of poems, *Changing Woman*, was published last fall by Main Street Rag Publishing Company in Charlotte, N.C. ([www.mainstreetrag.com](http://www.mainstreetrag.com). Search “chapbooks.”) His first poetry book, *Barb Quill Down*, was published in 2005 by Pudding House Publishing in Columbus, Ohio. ([www.puddinghouse.com](http://www.puddinghouse.com))

His poem “Dogma” will be published in this fall’s issue of *Southern Poetry Review*. He says it’s “a metaphor about what we may lose if we fail to look up.”

The book *Changing Woman*, he says, “attempts to speak to those things in life that change us all, love and the loss of love mostly.”

Writing poetry is a creative outlet for sure, he says, “but it also helps me to understand how I really feel. We all have stress in our lives and being in medicine makes it hard sometimes to take a step back and come to some sort of internal reconciliation. Hopefully I learn something about myself.”

All the better when that internal reconciliation is allowed the freedom to flow, unrestricted by form like other types of poetry such as haikus or limericks.

“In free verse the rules are not as obvious,” he says, “but there still is the rule of imagery, rhythm, sound, and using the exact right word in the right place.”

Griffin became interested in poetry about 10 years ago when he read the poem



Bill and Linda Griffin

“Hymn,” by A.R. Ammon. It reads, in part: “I know if I find you I will have to leave the earth / and go on out/ ...way past all the light and diffusion and bombardments / up farther than the loss of sight / into the unseasonal undifferentiated empty stark.”

What was it about those words that so moved Griffin?

“I couldn’t stop reading it,” he says. “To weave together the language of science and precision with the voice of image and trope and to speak truth to mind and spirit—who ever realized such wonders existed?”

He attends nearly every one of the six yearly meetings of the North Carolina Poetry Society ([www.ncpoetrysociety.org](http://www.ncpoetrysociety.org)) held around the state. He shares his work and learns from other poets, which is refreshing and rejuvenating. “Normally I just feel isolated (with my poetry) here in the mountains,” he says.

While he ultimately writes for himself, he gets great satisfaction “if someone connects with (one of my poems) and feels something and discovers something about themselves,” he says. “That is the best.”

He and his wife Linda, an artist/illustrator and historian, live in Elkin, N.C. They have two grown children.

—Jim Rogalski

## Mint



Clumsy, abrupt, pulling weeds  
in the bed of bee balm,  
each four-walled stem  
seals its bruise with a gift of mint,  
perfumes our sweat with the welcoming  
scent of Oswego tea  
while butterflies applaud and hummingbirds  
tipple from the red-fringed heads.

Oh, my dear, if our own bruises,  
the bitterness of a graceless reach,  
the salt of our labored silences  
could all be headed by the hovering  
of invisible wings  
and a leaf’s sweetness, first released  
in tears and breaking.



cytopathology at Duke and the Durham VA Medical Center. He also teaches residents and physician assistant students. When not at work, he enjoys swimming, kayaking, watching Duke women's basketball, reading, and playing the trumpet. He and wife Pam, A'78, have been married for 15 years. They have three daughters: Kirsten, Malin, and Christina.

Lewis G. Zirkle, MD'66, HS'66-'68, was presented surgery's eighth annual Humanitarian Award at the American Academy of Orthopedic Surgeons' 74th Annual Meeting in February. He is the 2001 recipient of the Duke Medical Alumni Association Humanitarian Award. His humanitarian efforts include founding the Surgical Implant Generation Program (SIGN)—a global nonprofit organization that makes medullary nails with an interlocking system for bones. He and his wife Sara, WC'61, have three children—Molly, T'89; Elizabeth, L'90; and Julie, T'92—and live in Richland, Wash.

## 1970s

John C. Alexander, Jr., T'68, MD'72, HS'71-'73, '75-'80, DC, recently left his position at Hackensack University Medical Center in Hackensack, N.J., to become chief of cardiovascular-thoracic surgery at Evanston Hospital in Evanston, Ill. He and his wife Carol have three children and two grandchildren.

N. Branson Call, MD'74, an

oculoplastic surgeon, and his wife Kathleen, a surgical nurse, have participated in more than 100 medical mission trips to more than 40 countries. Last year they



went on mission trips to Syria, Jordan, Egypt, Paraguay, Chile, and Viet Nam, among others. They have five grown children and live in Salt Lake City, Utah.

Richard Ethen Koon, MD'76, is the author of two publications: *Jackals and Snarling Wolves*, an account of the mistreatment he says he received from the W.Va. Board of Medicine, and *My Struggle with Children and Adolescents*, which describes how parents need to reassert themselves. He and his partner, Sabahat, have two children.

Claude L. Hughes, Jr., MD'77, PhD'81, HS'81-'85, has taken on two positions at Research Triangle Institute (RTI). He is now vice president for the Consortium for Molecular Epidemiology, Genomics, Environment, and Health, and he is also RTI's first chief medi-

cal officer. He and his family live on and operate a farm near Mebane, N.C., where they produce eggs and herbs that are sold at Weaver Street Market in Carrboro.

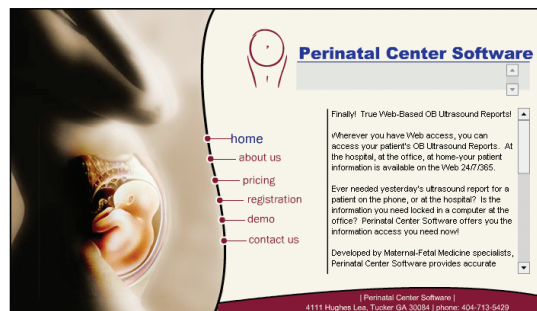
▲ Kurt D. Newman, MD'78, the surgeon in chief at Children's National Medical Center in Washington, D.C., says it was a joy to meet Queen Elizabeth II of England in early May when she toured the center as part of her visit to the U.S. "Notice her royal Duke blue attire," Newman joked. He and his wife Alison have two children, Jackson, 9, and Robert, 12, and live in Bethesda, Md.

John C. H. Steele, Jr., T'71, PhD'77, MD'78, a professor of pathology at Medical College of Georgia in Augusta, recently was named to the Council on Scientific Affairs for the College of American Pathologists; to the editorial board of the *American Journal of Clinical Pathology*; and to the Microbiology Test and Advisory Committee for the American Board of Pathology. He lives in North Augusta.

## 1980s

Thomas R. White, T'76, MD'80, DC-Century, recently achieved board certification in clinical lipidology. He is medical director of Cherryville Primary Care in Cherryville, N.C., and is a diplomate of the American Board of Family Practice as well as the American Board of Clinical Lipidology. He and his wife Diana have two children, Whitney, and Daniel, a Duke senior. They live in Cherryville.

Betsy Billys, MD'82, recently opened a medical spa called McCarley Dermaspa in Visalia, Calif. She has three children. Lauren, a freshman at Southern Methodist University, is an equestrian competitor. Jimmy, a high school junior, plays bass and water polo. Alyssa is in the eighth grade and is also an equestrian competitor.



▲ Paul Browne, MD'82, A'87, stepped down as medical director of Atlanta Maternal-Fetal Medicine in 2005 and is now director of research and education. He is also the principal investigator in several research trials sponsored by the National Institutes of Health. He started a software company, Perinatal Center Software, which is an online database for prenatal records

and obstetric digital images (www.perinatalcentersoftware.com). A sailor, Browne recently received a captain's license for sail boating. He says he is currently restoring a 1972 Chris Craft motorboat that he hopes to use in retirement. He and wife Kim have been married for 28 years. They have two children. Rachel, 22, graduated from UNC in 2006 and is completing a master's degree in fine arts in photography at Savannah College of Art and Design. Ryan, 20, is a senior at the University of Colorado at Boulder, where he is studying English.

Margaret Grace Richardson, MD'83, retired from the U.S. Army in 2003 and now works at Digestive Health Specialists, a private gastrointestinal pathology lab in Tacoma, Wash. She lives in University Place, Wash.

Thomas J. Maroon, Jr., T'81, MD'85, was recently named chairman of the Department of Pediatrics and co-director of the Special Care Nursery of Excelsa Health System in Greensburg, Pa. He and his wife Pamela have two children—Thomas and Georgianne—and live in Greensburg.

Jonathan S. Silverstein, T'81, MD'85, a radiologist in Tam-

## Shawen Earns a Bronze Star for Service in Afghanistan

U.S. Army Maj. Scott B. Shawen, MD'95, had been in Afghanistan for three months when a U.S. Army Special Forces helicopter arrived with an unusual patient: a pregnant woman with life-threatening eclampsia.

Shawen, an orthopedic surgeon and his team—which also included a general surgeon and a nurse anesthetist—had limited knowledge about eclampsia and very little experience performing C-sections. The woman was suffering seizures and the baby needed to be delivered right away.

The group compared notes and watched a short online video about the surgery. Minutes later, they delivered a baby girl and saved the mother's life. It was one of the most rewarding experiences of Shawen's six-month deployment.

While Shawen's primary mission was to care for injured American soldiers, "We were there to provide as much humanitarian care as possible," he says. "I was extremely happy to be doing something in a humanitarian role."

While in Afghanistan from January to July 2006, Shawen says 98 percent of the patients seen at the 14th Combat Support Hospital were Afghan citizens, many injured as a result of the fighting going on in the worn-torn area.

The army assigned Shawen to the Tarin Kowt Provincial Reconstruction Team (PRT) with an assignment to help the Special Forces. Multiple PRTs are set up around the country, and duties for soldiers at each PRT can range from building roads to helping farmers set up irrigation systems. Shawen's duty was to provide medical care.

Because the main hospital in Tarin Kowt had limited supplies and resources, many patients, like the woman with eclampsia, were sent by Special Forces to the 14th Combat Support Hospital for emergency care. The hospital also included a clinic that was open two days a week for non-emergencies. While there Shawen says he and



*Scott Shawen and the baby he helped deliver*

the other members of the surgical team performed more than 300 operative cases and took care of more than 1,000 patients in the clinic.

As the only orthopedic surgeon on his team, Shawen treated familiar cases, including gun shot wounds and injuries from falls and motorcycle accidents. But his surgical skills were put to the test when confronted with burned babies and other cases he didn't normally encounter at his job at as director of foot and ankle surgery at Walter Reed Army Medical Center in Washington, D.C.

Aside from the valuable experience he gained professionally, Shawen says working in the midst of the devastation in Afghanistan gave him a new appreciation for what really matters in life.

"Everything we worry about here in the U.S.—the houses and the cars—are really not that important," says the father of five. "Family is most important."

While his family awaited his return, Shawen says his wife Linda and their children found a way to play a special role in his work in Afghanistan.

During daily phone calls and e-mails with his family, Shawen shared stories of Afghan children who came to the hospital with only one pair of shoes or one piece of clothing. Because many had their clothes soiled when

"We were there to provide as much humanitarian care as possible. I was extremely happy to be doing something in a humanitarian role."

**Scott B. Shawen**

their injuries occurred or torn off by doctors prior to surgery, the children often had nothing to wear once they left the hospital.

"I was just amazed at how little they had," Shawen says.

Touched by the Afghan children's situation and looking for an Eagle Scout project, Shawen's 15-year-old son, Nick, decided to start a clothing drive. With help from his mother and four siblings (Bradley, 11, Jackson, 7, Maren, 5, and Elise, 3), Nick collected nearly two tons of clothing, shoes, and toys from their community in North Potomac, Md. After a local post office received \$1,000 in donations from workers and others to help with shipping costs, Nick sent a total of 69 boxes weighing almost 4,000 pounds to Afghanistan.

"We got four or five times as much as we were expecting and sent the rest to an outlying boys' school and a girls' school that had just opened," says Shawen. "The children and their families were extremely happy."

After returning from Afghanistan, Shawen resumed his duties as director of foot and ankle surgery at Walter Reed and as assistant professor of surgery at the Uniformed Services University of the Health Sciences in Bethesda, Md. He is also an orthopedic consultant for both the White House and the Anthony DiLorenzo Tricare Medical Clinic.

In August 2006 the army awarded him a Bronze Star Medal for his work in Afghanistan, and he will be promoted to lieutenant colonel in June.

—Bernadette Gillis



pa, Fla., and his family recently celebrated his son Scott's Bar Mitzvah in Israel and came dangerously close to a rocket explosion. The family was in a kibbutz about a mile from the Lebanon border when a rocket landed less than 500 yards away. They went to a bomb shelter to spend the night and left the kibbutz the next day. Several weeks later several Israeli soldiers were killed at the same kibbutz by a Lebanese rocket. Despite the dangerous incident, he says his family had a wonderful trip to Israel. He and his family, which also includes wife Ruth and daughter Elisabeth, live in Tampa, Fla.

**James F. Wiley II, T'81, MD'85, DC**, graduated in 2006 from the MPH Program at Yale University School of Medicine. In addition to being an attending physician in the emergency department at Connecticut Children's Medical Center in Hartford, he is a consultant to the state of Connecticut for pediatric emergency preparedness in hospitals. His wife **Catherine Clinton Wiley, T'80, MD'84, DC**, recently received the E. Maurice Wakeman Award from the American Academy of Pediatrics for her work on improving literacy through the Reach Out and Read Program. They live in Glastonbury, Conn.

## 1990s



▲ **Sara Larson Clay, MD'96**, and her husband George "Tom" Clay, welcomed a new daughter in October 2006. Jacqueline joins sisters Lily, 7, and Anna, 5. Sara is an internist in Lowell, Mass. The family lives in Westford, Mass.

**Mark Mallory, MD'97**, became a partner at the seven-physician Digestive Health Clinic in Boise, Idaho, in 2005. Outside of medicine he enjoys playing tennis four to five times a week at a local tennis club. He also maintains an interest in piano performance. He is currently getting a Beethoven sonata ready for a fund-raising concert in early May. He and his wife Nancy Roellich met at the University of Washington and have been married since 2001. They have a two-year-old daughter named Ava.

**David Edward McCarty, MD'97**, is currently completing a part-time fellowship in sleep medicine and plans to take the board exam in November. He also works as an internal medicine physician at Highland Clinic in Shreveport, La. His wife Emma, MD, started the first concierge medical practice in the Shreveport area. The couple has two daughters—Jacqueline, 5, and Audrey, 2.

**Shannon Denise Norris, T'93, MD'97**, has made partner at Northside Radiology Associates in Atlanta, Ga. She specializes in women's imaging, in particular breast procedures and breast MRI. She and her husband Shawn Giguere have been married since 2003. They had their first child, a girl named Grayson Sian Giguere, in October 2005.

**John D. Hewitt, MD'99, HS'99-'05**, an orthopedic surgeon at the U.S. Naval Hospital in Beaufort, N.C., recently returned from a one-year tour of duty at the U.S. Naval Base in Guantanamo Bay, Cuba. He and his wife Andrea have two children—David, 8, and Kate, 6—and live in Beaufort.



▲ **Nathan W. Mick, MD'99**, and his wife Kellie Potvin, celebrated the birth of their daughter Gracyn in February 2006. Nathan is medical director of Pediatric Emergency Medicine in Portland, Maine. The family lives in Falmouth, Maine.

## 2000s



▲ **Daniel Hen-an Chang, MD'00**, and his wife Lisa wel-

comed their first child, daughter Sarah, in August 2006. Daniel is a cornea, cataract and refractive surgeon with Paradise Valley Eye Specialists in Scottsdale, Ariz., where the family lives.

**Mark A. Ward, MD'00**, has received board certification in hospice and palliative medicine. He is medical director for Hospice Partners of the Central Coast and lives in Los Osos, Calif., with his wife Jessica and their son Joshua, 7.



▲ **Jimmie Wong, MD'00**, returned to academics in August 2006 after a brief stint (three weeks) in private practice, and accepted a faculty position in the Department of Radiology at UCLA. His wife **Shan Yuan, MD'00**, joined him there in February 2007 and works in the Department of Pathology as a transfusion medicine physician. The couple lives in west Los Angeles with their children Ethan, 3, and Chloe, 1.

**Melissa Fair Wellons, T'94, MD'00, DC**, was appointed as assistant professor in the Division of Preventive Medicine at the University of Alabama in Birmingham in 2005. Also that year, she and her husband **John C. Wellons, MD, HS'95-'01, DC**, welcomed their first child, John IV. The family lives in Homewood, Ala.



▲ **Rahul N. Khurana, MD'02**, has been named a recipient of the American Medical Association Foundation's 2007 Leadership Award. He is a fellow in uveitis at the Doheny Eye Institute at the University of Southern California, where he also completed his residency in ophthalmology. He is active in a variety of research projects from clinical series to translation research. The award provides medical students, residents/fellows, young physicians, and international medical graduate physicians from around the country with special training to develop their skills as future leaders in organized medicine. Khurana lives in Santa Monica, Calif.



▲ **David C. Evans, T'02, MD'06**, and Allison Bienkowski, a current art history PhD student at Duke, were married Nov. 4, 2006, at Duke Chapel. They live in Durham and Columbus, Ohio.



## *Consider the new IRA charitable rollover tax exemption*



Wayne and La Venta Davis

When Wayne Davis, T'45, MD'49, walks on Duke's medical campus, "he has a different aura about him," says his wife, La Venta.

Davis says he began to fully appreciate how well faculty members like Eugene Stead, Wiley Forbus, and Edwin Alyea had prepared him when he completed the Army-Navy Specialized Training program at Duke in 1949 and arrived at Denver's Fitzsimmons General Hospital.

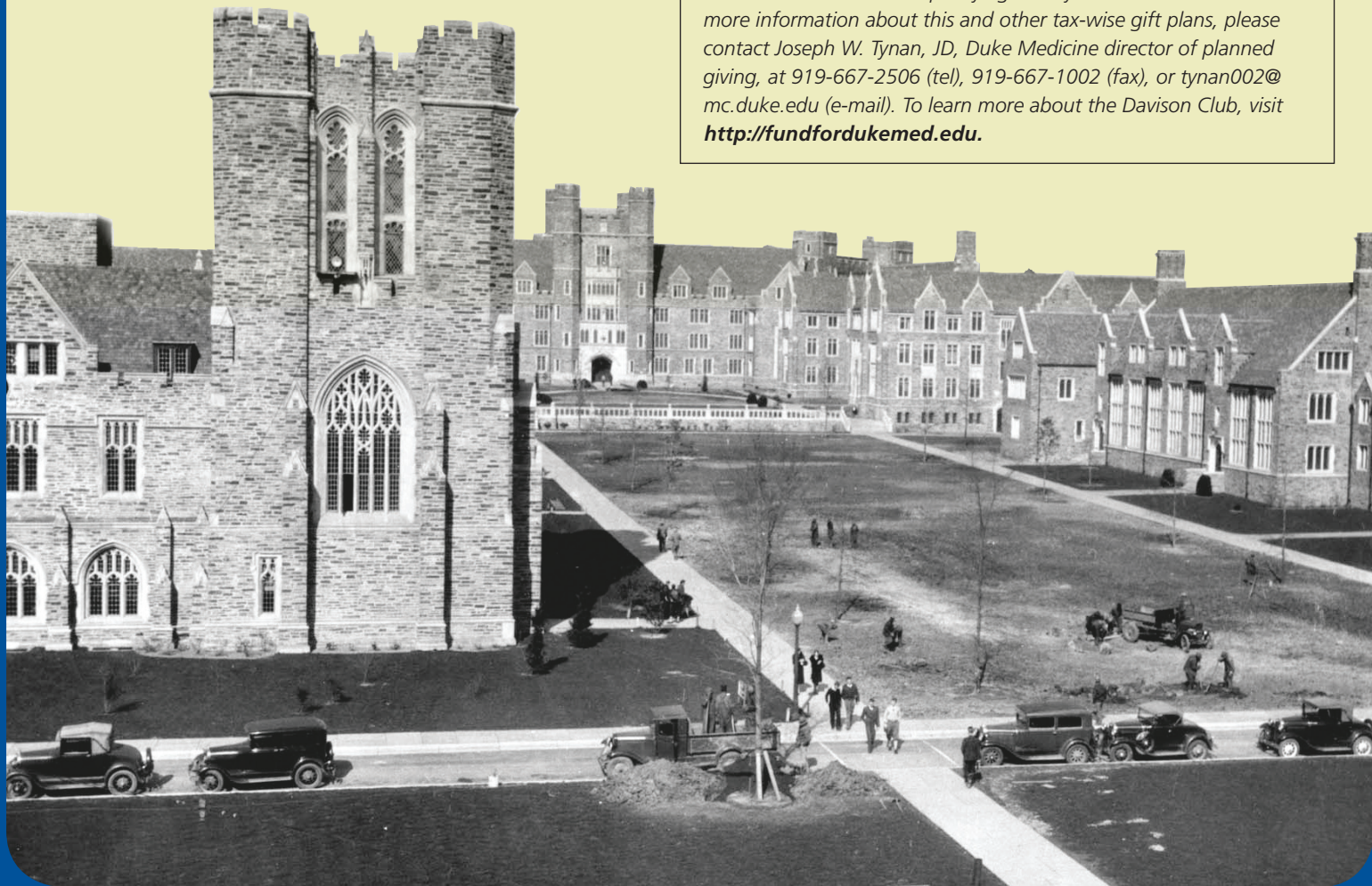
"I was so far ahead of the other interns," he says, "not only in my

education, but in practical knowledge like tying surgical knots."

Now retired from 40 years of urologic surgery in Winston-Salem, N.C., Davis recently took advantage of the new IRA charitable rollover tax exemption to make a significant contribution to medical education at Duke through the Davison Club.

"It was a big tax savings for me, and giving back to Duke was something I had been thinking about for a long time," says Davis. "I got a top-notch education, and it's a good feeling to be able to pay that back in this way."

*The Pension Protection Act of 2006 permits individuals age 70.5 and older to roll over up to \$100,000 from an individual retirement account (IRA) directly to a qualifying charity without recognizing the assets transferred to the qualifying charity as taxable income. For more information about this and other tax-wise gift plans, please contact Joseph W. Tynan, JD, Duke Medicine director of planned giving, at 919-667-2506 (tel), 919-667-1002 (fax), or [tynan002@mc.duke.edu](mailto:tynan002@mc.duke.edu) (e-mail). To learn more about the Davison Club, visit <http://fundfordukemed.edu>.*





## 1940s

**Charles E. Richards, Jr., MD, HS'44-'47**, a retired urologist, has moved into a senior retirement facility in Northbrook, Ill. His wife Louise died in April 2006.

## 1950s

**William C. Ruffin, Jr., MD, HS'55-'56**, has been retired from full-time psychiatry since 1992 but still works part time at the Malcolm Randall VA Medical Center in Gainesville, Fla., where he lives.

## 1960s

**Robert F. Castle, MD, HS'59-'61**, is chief medical consultant for Disability Services Determination in Virginia. He oversees quality assurance issues and coordinates activity with federal offices. He and his wife Mary Ann live in Virginia Beach.

**Temple W. Williams, Jr., MD, HS'59-'60, '62-'63**, received the Laureate award from the American College of Physicians/Texas Academy of Internal Medicine in 2005. He retired in 2004 after spending 40 years on the faculty at Baylor College of Medicine. He and his wife Joan have a daughter, Holly, and a son, Temple III.

**Norman Bauman, MD, HS'60-'64**, says he is "almost completely retired," and still works one day a week at an arthritis clinic. He also volunteers at two high schools to mentor students interested in science research. He has been widowed since 2004, has three grown children, and lives in Tomkins Cove, N.Y.

**Dale P. Armstrong, MD, HS'62-'65**, who lives in Park City, Utah, with his wife Margaret, has been retired since 1999 and enjoys playing golf in the summer and skiing in winter. In 2005 he went to Guatemala with a team of physicians from Provo, Utah, to operate on children with cleft palates. He says he still stays involved with the Division of Plastic Surgery at the University of Utah.

**R. William McConnell, MD, HS'65-'69**, and his wife Mary, MD, are sponsors and co-chairs of a fundraising project for the American Cancer Society's McConnell-Raab Hope Lodge in Greenville, N.C. The lodge is named in their honor. Together the couple has seven children and seven grandchildren.

## 1970s

**Michael Rotman, MD, HS'66-'71**, has been staying active in health care since retiring from cardiology in 2001. He is a board member of People's Community Clinic for the uninsured in Austin, Texas, and as co-chair of fundraising helped to raise \$7 million. He initiated the Mayor's Fitness Council to help improve the general health of the community and is founder of Living Health Solutions—a non-profit organization whose mission is to find and develop solutions for better health and cost containment. He and his wife Sandy live in Austin.

**William H. Beute, MD, HS'70-'74**, has been named a life member of the American Psychiatric Association. He is senior staff psychiatrist at

Pine Rest Christian Hospital in Grand Rapids, Mich., where he and his wife Jill live.

**Stephen J. McGeady, MD, HS'72-'74**, has been named full professor of pediatrics for Nemours Foundation in Wilmington, Del. He also is chief of the Division of Allergy, Asthma, and Immunology. He and his wife Susan have two sons—David graduated from Temple University Law School in 2006 and was married in August; Matthew was married in October 2006. The McGeadys live in Cherry Hill, N.J.



▲ **Calvin R. Peters, MD, HS'72-'75**, a plastic surgeon with the Center for Plastic and Reconstructive Surgery in Orlando, Fla., recently participated in a plastic surgery delegation to China. He lectured at several medical centers in Beijing, Shanghai, Hong Kong, and Taipei. He and his wife **Pamela, L'78**, have two children and live in Winter Park, Fla.

**Lennart Fagraeus, MD, HS'74-'77, DC**, retired in February 2006 as chairman of the Department of Anesthesiology at the Medical Center of Delaware. He and his wife Elisabeth have two daughters—**Charlotte, T'89**, who is in veterinary practice in Wilmington, Del.; and Louise, a registered nurse who specializes in trauma and intensive care. The Fagraeuses

live in Wilmington, Del.

**William R. Stewart, MD, HS'76-'79**, recently celebrated his 20th anniversary as founder of the Northeast Orthopedic and Sports Medicine Clinic in Gadsden, Ala. The clinic has been expanded to house physical therapy and rehab services with two MRIs on site and comprehensive patient services. He and his wife Madelon have a son, Will, a chiropractic sports and rehab doctor, and a daughter Jennifer, a writer and editor in chief of *Montgomery Living* magazine.

## 1980s

**Frank S. Pancotto, MD, HS'75-'80**, an associate consulting professor at Duke, has been elected to fellowship in the American Gastroenterological Association. He and his wife Marilyn have three children—**Theresa, T'02**, a senior veterinary medicine student at Tufts University; Sarah, a pediatric ICU nurse at Tallahassee Memorial Hospital in Florida; and Daniel, a coordinator for the William Morris Agency in Los Angeles. The Pancottos live in Concord, N.C.

**William N. Roberts, Jr., T'73, HS'77-'80**, has been promoted to professor at the Medical College of Virginia at Virginia Commonwealth University in Richmond, Va. He received the 2005-06 Best Teacher Award for Medicine and in 2005 was named an American College of Rheumatology clinical scholar educator. He and his wife Pamela live in Petersburg, Va. **Peter Burge, MD, HS'81-'82**,

was named president of the British Society for Surgery of the Hand in 2006. He currently practices hand surgery at Nuffield Orthopaedic Centre in Oxford, U.K. He and wife **Susan, HS'81-'82**, live in Headington.

**Mary S. Warner, MD, HS'79-'83**, recently joined the ultrasound section in the Department of Radiology at Brigham and Women's Hospital in Boston. She also holds an academic teaching appointment at Harvard Medical School. Her husband **David S. Warner, MD, HS'78-'82**, is a private-practice radiologist. They have two sons—Matthew, 22, and Ryan, 17. The family lives in Holden, Maine.



▲ **W. Randolph Chitwood Jr., MD, HS'74-'84**, has been appointed the inaugural Eddie and Jo Allison Smith Endowed Chair at East Carolina University Heart Institute, which he founded. He is senior associate vice chancellor for health sciences and chief of cardiothoracic and vascular surgery in the Department of Surgery at the Brody School of Medicine at ECU. He is an international pioneer in cardiac surgery, especially robot-assisted heart surgery. In 2000 he was the first in North America to perform total heart valve repair using robotic technology. He is slated to become the next

president of the Society of Thoracic Surgeons. He and his wife Tamara live in Greenville, N.C.

**John E. Herzenberg, MD, HS'81-'85**, the head of pediatric orthopedics and Sinai Hospital in Baltimore, Md., has made yearly missions trips to Nicaragua for the past seven years to provide orthopedic surgery to underprivileged children. The trips are a family affair as he is joined by his wife Merrill, who is a nurse, and their daughters Alexandra, a recent RN graduate, and Danielle, an arts major at the University of Colorado. The Herzenbergs live in Owings Mills, Md.

**Michael J. Bolesta, MD, HS'81-'87**, an associate professor of orthopedic surgery at the University of Texas Southwestern Medical Center in Dallas, was ordained as a Permanent Deacon in the Roman Catholic Diocese of Dallas in June 2006. He and his wife Sharon have a son Michael, who graduated from St. Edward's University in Austin, Texas, in December 2006. The Bolestas live in Addison, Texas.



▲ **Mark R. Milunski, MD, HS'84-'87**, a physician with the Florida Heart Group in Orlando, Fla., recently climbed to the Barafu Hut at high camp on Mt. Kilimanjaro—the highest mountain in Africa at 19,563 feet. High camp is at 15,550

feet. He and his wife Christine have two children—Matt is a sophomore at Emory University, and Andrew is in the seventh grade. The family lives in Maitland, Fla.

**Victoria S. Kaprielian, MD, HS'85-'88**, has been appointed vice chair for education in the Duke Department of Community and Family Medicine. She and her husband Jon and their son Joey, 7, live in Durham.

## 1990s

**David C. Habel, MD, HS'88-'92**, has been living in Montana since 1995 and says he and his family are constantly outside enjoying skiing, boating, fishing, hiking, and camping. He is a physician with Family Health Care, P.C., in Kalispell, Mont., where he lives with his wife **Elizabeth Schilling, MD, A'98**, and their three children.

**J. Brantley Thrasher, Sr., MD, HS'91-'92**, is the editor of *Practical Reviews in Urology*. He also is on the editorial boards for the *American Family Physician* and *Urology Times*. He and his wife Laura live in Leawood, Kans.

**Stephen P. Combs, MD, HS'92-'95**, has been named chief of staff at Wellmont Holston Valley Medical Center in Gray, Tenn. He also serves as vice president of medical affairs for the firm. He lives in Kingsport, Tenn.

**William N. White II, MD, HS'95**, was named one of the Top 100 Doctors in Western New York by *Buffalo Spree*

Magazine. Last year he and his wife Laurie adopted a second daughter from China named Lea Jia Miao White. The family lives in Perry, N.Y.

**Jennifer C. Takagishi, MD, HS'93-'96**, and her husband Stanley recently celebrated their 10th wedding anniversary with a trip to Hawaii. The couple lives in Tampa, Fla. Their oldest daughter is in kindergarten, and their other daughter is in preschool. Takagishi is an associate professor at the University of South Florida.



▲ **Mark Vakkur, MD, HS'92-'96**, and his wife Susan A. M. Wang, MD, HS'91-'95, celebrated the birth of their third child, Lucia, in February 2005. She joins siblings Christopher and Isabella. Susan is a physician with the Centers for Disease Control and Prevention in Atlanta, and Mark is in private practice. The family lives in Decatur, Ga.

## 2000s

**Maheer O. Ayyash, MD, HS'99-'00**, has been named director of transplant counseling and psychiatry consultation at the Intestinal Rehabilitation and Transplantation Center of the Thomas E. Starzl Transplant Institute at the University of Pittsburgh Medical Center. As director of the newly established

service, he manages the small bowel, modified multi-visceral, and multi-visceral transplant patient before and after transplant. He and his wife Lina have three sons, Omar, 18; Ali, 16, and Abdullah, 2. The family lives in Wexford, Pa.

**Jitendra Indrukumar Vasandani, MD, HS'98-'00**, is president of the West Texas Rheumatology Association, a nonprofit society for rheumatologists in the west Texas area. He also is an advisory board member of the Arthritis Foundation of

North Texas. He lives in Lubbock, Texas.

**Kirsten Bass Wilkins, MD, HS'94-'96, '02**, has been named associate program director of the University of Medicine and Dentistry-New Jersey Robert Wood Johnson Colon and Rectal Residency Program. She and her husband John live in Plainfield, N.J.

# MAA CALENDAR

## Duke University Presidential Reception A Duke Conversation: "Making a Difference"

June 5, 2007 – Philadelphia, Pa.

For more information, contact Jenny Jones at 919-667-2517.

July 30 – August 3, 2007

Duke School of Medicine Orientation Week  
Durham, N.C.

For more information, contact Margaret Moody at 919-667-2514.

August 2, 2007

Medical Orientation Picnic  
Durham Bulls Ballpark  
Durham, N.C.

For more information, contact Brenda Painter at 919-667-2538.

October 11-13, 2007

Medical Alumni Weekend  
Durham, N.C.

For more information, contact Jenny Jones at 919-667-2517.

October 11-12, 2007

Medical Alumni Council Meeting  
Washington Duke Inn  
Durham, N.C.

For more information, contact Ellen Luken at 919-667-2537.



**Raymond B. Anderson, MD, HS'41-'42**, died Easter morning, April 8, 2007, at St. Luke's Hospital in Kansas City, Mo. He was 93. His college career included studies at Ottawa and Northwestern universities, and he received his bachelor's degree from the University of Kansas. He entered medical school at the University of Kansas in 1935. In June 1939 he married Mae Elizabeth Billet, graduated from the University of Kansas School of Medicine, bought their first car, and drove to California to start his internship at Santa Barbara General Hospital. Their daughter Susan was born in 1940 during his first year of pediatric residency at the University of Kansas. The family traveled to Duke in 1941 so Anderson could complete his pediatric residency, and he entered the U.S. Army as a captain in 1942 to begin a four-year tour in Europe. He was based just outside of London during most of the war with the 65th General Hospital, directing the Infectious Disease Service. He was instrumental in developing a resourceful program managing the use of the then-new drug penicillin. He was a member of the Duke medical detachment assigned to the 8th Army Air Corps. Following the war, the family returned to Kansas City and he began his pediatric practice. He had a private practice until 1966 when he moved his practice to Children's Mercy Hospital, where he served as director of clinics and as emergency department director. He retired in 1987. He was preceded in death by his wife of 67 years. He is survived by his two daughters, Susan and Sally, and son William, and their respective families; multiple grandchildren and great-grandchildren.

**Joseph B. Ford Jr., T'36, MD'40**, of Fresno, Calif., died in April. He was 93. He entered Duke University at age 16, where he received both his bachelor's and medical degrees. Ford was diagnosed with tuberculosis early in his career, and this necessitated a change in plans for his post-graduate training. His residencies and internship defined his specialty in thoracic surgery. He completed his training at the start of World War II. Unable to gain entry into

the military because of his medical history, he moved to California to begin private practice. He married Una Mae Talley of La Grange, Georgia and moved to Fresno in 1952 where he practiced in Fresno until his retirement in 1986. He continued to practice after retirement by participating in medical training programs at the county hospital. Una predeceased him in 2000, and his oldest daughter Susan passed away from breast cancer and leukemia two years later. Ford was a past president of the attending staff at Fresno County Hospital and past president of the North Fresno Rotary Club. He was a member of various medical associations and was an active Duke alumnus. Surviving him are his daughters, JoAnn Ford of Fresno and Linda Hogoboom of Arroyo Grande; his son, Joseph Ford of Turlock; nine grandchildren, and two great-granddaughters.

**Harley F. Freiburger, MD'78**, died April 19, 2007, in Doha, Qatar. He was 55. He is survived by his daughter Mia; son Rex; their mother Cheryle Veneto Freiburger; and brother Lewis. Freiburger was living in Kuwait City, Kuwait, where he was the medical director of CosmeSurge Kuwait at the Royale Hayat Hospital. He also served as the medical director for CosmeSurge International for dermatology and cosmetic dermatology. Freiburger received his medical degree from Duke University School of Medicine in 1978 and completed his residency training at the Medical University of South Carolina in dermatology and internal medicine. His private practice, Charleston Laser & Cosmetic Surgery Center, was in West Ashley, S.C., for nearly 25 years. He was a pioneer in the cosmetic and laser surgery fields and served as president of the American Society for Mohs Surgery. While in Kuwait he served as the dermatologic surgeon for the Royal Family. He also provided training and conducted seminars for the Ministry of Health in Kuwait and Dubai.

**John J. Jandinski III, MD, HS'76-'77**, who was born in Northampton, Mass., in 1946, and lived in Morris County, New Jersey has died. After graduating from Tufts University

Dental School, and completing residency and postdoctoral training at Harvard and Duke, Jandinski held positions at Merck, Johnson & Johnson, New York University, and the University of Medicine and Dentistry of New Jersey (UMDNJ). He specialized in oral pathology and oral medicine. He published extensively about immunology and HIV/AIDS research. His most recent appointment was in the Department of Pediatrics at the UMDNJ Medical School. Survivors include a brother, Daniel, of Northampton, Mass., and his former spouse, Mary McKenna, of Madison, N.J.

**John F. Lawson, T'42, M'44, HS'44-'49**, of Colonial Hill Retirement Center in Johnson City, Tenn., died Thursday, April 12. He was 85. He graduated from Unicoi County High School at age 16, then attended the Cincinnati Conservatory of Music. Lawson received his undergraduate degree in 1942 and his medical degree in 1944, both from Duke University. He served his internship at Duke and his residency at Duke, Vanderbilt, and Mountain Home VA Medical Center in Johnson City. He began surgical practice in Johnson City in 1952 and retired from practice in 1993. He was a fellow of the American College of Surgeons, served a term as chief of medical staff at the former Johnson City Memorial Hospital, and also served as assistant professor of surgery at East Tennessee State University (ETSU) College of Medicine. The John Lawson Surgical Group was named in his honor following his retirement. In 2002 the John Lawson Surgical Lectureship was created at the Department of Surgery at ETSU College of Medicine in his honor. He served 12 years on the Johnson City Board of Education, including two terms as chairman. Survivors include his wife of 60 years, Joann Kroetz Lawson; two daughters, Marcia Lawson Dunn of Spruce Pine, Tenn., and Dr. Elizabeth Anne Lawson of Johnson City; two sons, John Robert Lawson of Johnson City, and Dr. James Douglas Lawson, T'71, of Greensboro, N.C.; five granddaughters and six grandsons; three great-grandsons; and several nieces and nephews.

**Sherman H. Pace, T'44, MD'47, HS'47-'50**, died May 13 at Morton Plant Hospital in Clearwater, Fla. He was 83. Pace was born in St. Petersburg on Nov. 15, 1923. He attended area schools and graduated from St. Petersburg High in 1940. He earned both undergraduate and medical degrees from Duke University. He married Marion Riggsbee of Durham, N.C., in 1946 while he was an intern in internal medicine at Bowman Gray Medical School, North Carolina Baptist Hospital, Winston-Salem, N.C. Upon completing his residency in 1950 as an obstetrician-gynecologist at Duke Hospital, Pace accepted a position as superintendent and medical director of the former Forsyth County Hospital in Rural Hall. He later served as superintendent at what is now Highlands-Cashiers Hospital in Highlands, N.C. During World War II he served in the U.S. Naval Reserve. After his discharge in 1955 Pace moved his family to Clearwater, where he set up a private practice in general family medicine and obstetrics. Pace affiliated himself with Morton Plant Hospital in 1956, serving as chairman of the family practice and OB-GYN sections. In 1981 Pace became president of the medical staff and a year later joined the hospital's board of trustees. He was still on staff at Morton Plant at the time of his death. Pace cared for his wife Marion until her death in 2002 from complications associated with Alzheimer's disease. He is survived by a son, Michael Pace of Tarpon Springs, Fla.; two daughters, Bettie P. Stewart of Lakewood, Colo., and Janet P. Kaufmann of Lutz, Fla.; and five grandchildren.

**Elizabeth "Libby" Powell, MD'38, HS'38-'39, 92**, died April 14, 2007, in Houston, Texas. She was born October 22, 1914, in Innsbruck, Austria. After the death of her father, her widowed mother took Powell and her brother to America, eventually settling in McKeesport, Pa. Powell graduated from the University of Pittsburgh with honors. The only woman in her class, Powell was the second woman to graduate from Duke University School of Medicine. She stayed on at Duke as a pathology intern. Early

that year she met Dr. Norborne B. Powell, who was also interning there. They married December 18, 1939, and soon moved to New Orleans where she continued her pathology residency. The couple moved to Houston in early 1942, where Powell found immediate employment as chief pathologist at Memorial Baptist Hospital. In the early 1950s she joined Baylor College of Medicine as an assistant professor in the Department of Pathology. She taught both medical students and pathology residents for 30 years. She maintained her ties with Duke Med by becoming an alumni interviewer, screening applicants in the Houston area for 20 years. After her two children were born, she continued to work as academic part-time faculty at Baylor. When Norborne retired in 1986, the couple moved to Asheville, N.C., then returned to Houston in 2000. Powell was preceded in death by her parents and her older brother, Paul Balas. She is survived by her two children, Dr. Berkeley Powell and his wife, Kimberly, and **Judge Barbara Key Powell, WC'71**, of Alexandria, La. She is also survived by her grandchildren, Colin and Claire Powell, and by her nephew, Tom Balas, and his family.

**Socrates Nicholas Rumpanos, MD'37**, a lifetime resident of Mobile, Ala., died at Gordon Oaks Assisted Living Center on March 23 at the age of 93. Rumpanos was a graduate of the University of Alabama and Duke University School of Medicine, where he graduated with honors. He completed his internship at City Hospital in Baltimore, Md., and finished his residency training at the University of Maryland Hospital in Baltimore and at the U.S. Navy Hospital in Bethesda. During World War II he was trained in biological warfare in Philadelphia, where he served during the entire war. After the war he was discharged from active duty in 1945 but remained on U.S. Navy Medical Corp. reserve duty until 1951. He was a member of the International College of Surgeons and was a past president of the Mobile Medical Society. Rumpanos also served as chief of surgery at Mobile Infirmary and on the staffs of six Mobile hospitals. He practiced general

surgery in Mobile until his retirement in 1993. He was preceded in death by his wife of 60 years, Gertrude, and two brothers. He is survived by his sister, Elizabeth Batton, two daughters, Jean (George) Dunn of Mobile and Shelia (Conrad) Glade of Port Charlotte, Fla., four grandchildren, and five great-grandchildren.

**Bret C. Williams, MD, HS'77-'81**, of Efland, N.C., died on May 12 at age 55. He is survived by his wife, Julie Blue Williams of Efland; daughter, Kaitlin Blue Williams of Bynum, N.C.; sons, Christopher Williams of Durham, Brian Williams of Charlotte, and Brian Layh of Wake Forest; mother, Joan Williams, and stepfather, Robert Simpson, of Lawrence, Kans.; brothers, Lance Williams of San Francisco, Calif., Todd and Sean Williams, both of Lawrence, Kans. He was preceded in death by his father, Skipper Williams. During the latter part of his life, he worked diligently as a supporter and activist with the Mesothelioma Applied Research Foundation (MARF). He founded the MARF patient-physician alliance and was active in lobbying the Senate to block the growing importation of still-legal asbestos, the leading cause of malignant mesothelioma. Prior to his work with MARF, Williams stayed true to his life's passion—reaching out to those who are medically underserved. He took his skills to East Africa where he worked in Tanzania and Kenya. Following this, he and his family went to Bolivia where he volunteered at a medical clinic in the Andes Mountains, providing care to the Aymara Indians. After coming back to the United States, Williams and his family moved to Daufuskie Island, S.C., where he started the Daufuskie Island Clinic and served as medical director. He also served for five years as medical director for the Volunteers in Medicine Clinic of Hilton Head, S.C., a model free clinic for the working poor. Williams was born on July 19, 1951, in Lawrence, Kans. He is a graduate of the University of Kansas and the University of Kansas School of Medicine. He completed his internship, residency, and fellowships at Duke University Medical Center. He earned an MPH from the University of North Carolina School of Public Health.



# Duke Doctors

## Supporting Future Duke Doctors



THE FUND FOR DUKEMED

TWO THOUSAND

06~07

**Your gift is important.** Annual support provides medical scholarships and fellowships, library books and journals, curriculum enhancements, student life enhancements, and research and patient care initiatives.

All gifts are greatly appreciated. Leadership annual gifts of \$1,000 or more are recognized with Davison Club membership.

Recent graduates (1997–2006) may join the Davison Club at a new \$500 discounted rate.

**To make a gift online, please visit [fundfordukemed.duke.edu](http://fundfordukemed.duke.edu). Thank you for your support!**

#### **The Fund for DukeMed/Davison Club**

Duke University Medical Center  
512 S. Mangum Street, Suite 400  
Durham, NC 27701-3973  
[ann.horner@duke.edu](mailto:ann.horner@duke.edu)

*From left to right: Christine Kinnier, MSII, Johnstown, N.Y.; Michael Barfield, MSIII, Vidalia, Ga.; Kadi-Ann Bryan, MSIII, Kingston, Jamaica; Aravind Chandrashekar, MSIV, Indian Wells, Calif.; Lenny Talbot, MSIV, Pittsburgh, Pa.*



## DukeMedicine

**Duke Medical Alumni Association**  
Duke University Medical Center  
512 S. Mangum Street, Suite 400  
Durham, North Carolina 27701-3973

Non-Profit Org.  
US Postage  
**PAID**  
Durham, NC  
Permit No. 60

1572225