



DukeMed AlumniNews

WINTER 2009

GLOBAL DREAMS TAKE FLIGHT AT DUKE





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Joseph W. Tynan, JD

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DukeMedicine

From the Dean

In October, many of you returned to Duke University for the annual Medical Alumni Weekend. This was my first opportunity to spend the reunion weekend with you, and I thoroughly enjoyed the activities. It was very encouraging to hear about the highlights of your time here at Duke, learn about where your careers have taken you, and get your reactions to our plans for a new Learning Center for the School of Medicine.

My sincere thanks to all of you who made reunion gifts and pledged support to the Davison Club. Your generosity continues to be important to supporting the many activities of the school. Indeed, your support is as crucial as ever to our continued success and excellence.

It should come as no surprise to you to learn that our school, and medical schools across the country, are feeling the effects of the financial and economic downturn. But, due to many years of conservative financial management, our situation is not as severe or urgent as those faced by many medical schools. In fact, as I've told the faculty, we are probably in as good a position as almost any school in the country to adapt to today's financial pressures. Still, we have initiated key changes so that we can achieve cost savings and thoughtfully manage our obligations—we are committed to weathering this storm and coming out even stronger and more nimble.

Our educational programs continue to evolve and grow, as you'll learn from articles elsewhere in this magazine.

Duke is ramping up its global outlook and outreach, and the School of Medicine is teaming up with the Duke Global Health Institute to give medical students more opportunities in underserved countries. Our unique curriculum, which already allows medical students to take their entire third-year for scholarly activities, now includes the opportunity to spend that year overseas through the Third-Year Global Health Study Program.

Residents can now participate in international experiences as well, through the multi-departmental Duke Global Health Residency. The institute also offers two postdoctoral fellowships in global health and a new master's degree program that seeks to educate future leaders in fields that address global health challenges. The Master of Science in Global Health degree, approved last fall by the Board of Trustees, will draw upon the expertise of faculty in all of Duke's graduate and professional schools.

Our global health initiatives are new, but I was recently reminded of Duke's tradition of serving the country and the international community. The 65th General Hospital War Memorial between the Morris Clinic building and the School of Nursing near Duke South got its annual buffing in the fall. The life-sized bronze figures commemorate the work of an Army Medical Corps unit staffed by Duke alumni in England during World War II. The 65th distinguished itself as a center both for specialized treatment and the immediate care of combat casualties.

Now that I'm well settled on campus, I'm planning to travel more, to visit our medical alumni in communities across the country during 2009. See page 2 for dates and locations, and I hope to see you soon.

I'm also eager to once again welcome the families of current Duke medical students during Medical Families Weekend in March. The pride and joy that those families wear on their faces when they visit the campus is one of the most valuable assets we have here at the School of Medicine. It is, in the parlance of a popular ad campaign: Priceless.



Nancy C. Andrews, MD, PhD

Dean, Duke University School of Medicine

Vice Chancellor, Academic Affairs

Professor, Pediatrics

Professor, Pharmacology and Cancer Biology

Victor J. Dzau, MD

Chancellor for Health Affairs, Duke University
President and Chief Executive Officer,
Duke University Health System

R. Sanders Williams, MD

Senior Vice Chancellor for Academic Affairs
Senior Advisor for International Affairs,
Duke University

Nancy Andrews, MD, PhD

Dean, Duke University School of Medicine
Vice Chancellor for Academic Affairs, Duke
University

Edward Buckley, MD

Vice Dean, Medical Education,
Duke University School of Medicine

Michael Cuffe, MD

Vice Dean for Medical Affairs,
Duke University School of Medicine
Vice President for Medical Affairs,
Duke University Health System

Scott Gibson

Executive Vice Dean, Administration,
Duke University School of Medicine

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Vice Dean, Faculty Enrichment,
Duke University School of Medicine

Sally Kornbluth, PhD

Vice Dean, Basic Sciences, and
Associate Vice Chancellor for Academic
Planning, Duke University School of Medicine

Billy Newton

Vice Dean for Finance and Resource
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Duke University School of Medicine

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Vice Dean, Clinical Research,
Duke University School of Medicine



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Environmental savings realized
by using this paper are
summarized below:

Trees Saved: **6**

Power Saved: **3.9 million BTU's**

Kilowatt Hours Saved: **2257.71**

Greenhouse Gas Reduction:
4968.8 lb.

Waste Water Reduction:
2078 gal.

Solid Waste Reduction: **344 lb.**

Newsweek Honors Dean Nancy Andrews

Duke University School of Medicine Dean Nancy C. Andrews, MD, PhD, is one of 10 women honored by *Newsweek* as “moguls in medicine, media, modeling and more.”

In the magazine’s annual “Women & Leadership” issue released in October, Andrews is featured along with television producer and model Tyra Banks; U.S. Olympic Swimmer Dana Torres; Helene Gayle, the CEO of CARE, and others. The honorees share their advice for the next generation of successful, empowered females.

Andrews wrote about the challenges facing women in science and how she deliberately waited to have children until after her formal training.

“I was lucky because (children) happened basically when I wanted it to,” she writes, but admits, “In retrospect, I was

probably pretty naïve.”

She also relates the struggle early in her training of being a woman in the male-dominated world of medicine and research.



“I remember being on rounds with an all-male team and hearing the residents and doctors talk about women patients and nurses and women faculty in ways that shocked me,” she writes.

As for her goal as dean, she says, it’s pretty simple: “To convince our students and faculty that they can go out and do whatever they want to do.”

To read the *Newsweek* issue on “Women & Leadership,” visit newsweek.com/id/161969

Closer to You: A Dialogue with Dean Nancy Andrews

In 2009 Nancy C. Andrews, MD, PhD, will make her first outreach visits with alumni as dean of the School of Medicine. Following are the scheduled dates and locations. Invitations will be mailed to area alumni.

Thursday, January 29 San Francisco

Thursday, February 19 Houston

Tuesday, March 17 Atlanta

Thursday, April 23 Chicago

Sunday, May 17 Nashville

Holsinger Appointed to U.S. President’s Fitness Council

James W. Holsinger Jr., MD’64, PhD’68, has been appointed by President George W. Bush as a member of the President’s Council on Physical Fitness and Sports for the remainder of a two-year term expiring May 5, 2010.

Holsinger earned medical and doctorate in anatomy and physiology degrees from the Duke University School of Medicine. He also holds a master’s degree in hospital financial management from the University of South Carolina and a bachelor’s degree from the University of Kentucky in human studies, as well as a master’s degree in biblical studies from Asbury Theological Seminary. He completed a residency in general surgery at Shands Teaching Hospital, Gainesville, Fla., and a fellowship in cardiology at the University of Florida.

In 2007 Holsinger was nominated by President Bush to be the U.S. Surgeon General. A Senate confirmation vote was not taken.

Most of Holsinger’s career was spent with the Veteran’s Health Administration, where

he served for 26 years in various positions, including chief of staff or director of several VA medical centers. He was director of the Veterans Affairs Medical Center in Lexington for one year. He also served as undersecretary for health for the Department of Veterans Affairs in Washington, D.C.



Holsinger currently is the Wethington Endowed Chair in the Health Sciences, professor of Preventive Medicine and Health Services Management, and director of Doctoral Studies at the University of Kentucky College of Public Health. Additionally, Holsinger served the country for 31 years as a member of the U.S. Army Reserve achieving the rank of Major General and retiring in 1993.

Holsinger and his wife **Barbara, WC’64**, have four children—**Anna, E’87, PhD’91**; **Ruth, T’91**; Sarah; and Rachel.

27th Annual Duke Medical Families Weekend

Hear from Duke School of Medicine leaders and take part in interactive activities highlighting the latest in medical education facilities and technology.

Medical Parents & Students

**SAVE
THE
DATE**

March 13-14, 2009

For more information, contact Kevin Hirano at **919-667-2518** or Kevin.Hirano@duke.edu or visit medalum.duke.edu.

New Pioneering Newlyweds Emerge

In the fall issue of *DukeMed Alumni News* we reported that **Virginia Kraus, MD'83, HS'83-'99, PhD'03**, and her husband **William "Bill" Kraus, MD'83, HS'83-'88**, were introduced on their first day of medical school in 1979 as the first-ever married couple admitted to Duke University School of Medicine.

The story also reported that their classmates, **Stephanie Wain, MD'83, HS'83-'86**, and husband **Ruben Kier, MD'83, HS'83-'87**, also were married. The two couples were, in fact, unofficial co-title holders of the unique Duke distinction.

Both couples have been de-throned of their co-titles thanks to an e-mail from **Joe Leigh Simpson, T'64, MD'68**.

Simpson told us—and we confirmed with phone calls and records—that there were two married couples in his class.

John Flaherty, MD'67 came here in 1963 and was joined in 1964 by his wife **Lois, MD'68**. Although not admitted in the same year, they certainly met the criteria of being a married couple in medical school.

Also in 1964, **Jonathan Freeman, MD'68** and wife **Elsie Freeman, MD'68**, were admitted together.

The torch, as the saying goes, has been passed, albeit backwards by 15 years.

PRT ends its 30-year run

The Personal Rapid Transit (PRT) electric tram between Duke Hospital and Duke Clinic was retired on Oct. 15 after 30 years of service. A major hospital expansion is being built along the tram route, and once completed, the hospital, clinic, and the new addition will be connected with climate-controlled indoor walkways.

When the PRT gave its first ride in December 1979, newspapers around the world covered the story. According to an Associated Press report, "[Duke] officials dispensed punch and had an employee chorus sing railroad songs."

Part horizontal elevator and part train, the \$5.9 million PRT was futuristic for its time. The driverless shuttle rides on a cushion of air. Specially designed vehicles ride in the concrete guideways, and rails on the guideways feed electricity into the vehicle. Using that power, a blower pushes air through rubber skirts on the bottom of the vehicle. An additional system uses magnetic induction, pushing against an iron and aluminum bar in the guideway, to propel the vehicle forward. Inside the vehicle, a pair of computers monitors operations and uses data from sophisticated sensors to match speed and position against guide markers and its own programming. When the two computers agree, the machine moves forward. It makes the quarter-mile trip between Duke Clinic and Duke Hospital in one minute.

The PRT's manufacturer, Otis Elevator Co., got out of the business decades ago, and so replacement parts have been fabricated by a two-man repair team that has been on the job from day one, Jimmy Mathews and Gary Burke.

"We've repaired, fixed, and fabricated to keep it going," says Mathews. "We have a higher performance rate—near 99 percent—than what was estimated when it was first built."

Brothers Create Orthopedic Symposium to Honor Mother's Legacy and Duke

Brothers **Mike Berend, MD'92, HS'92-'98**, and **Keith Berend, MD'97, HS'97-'02**, enjoy their careers as joint replacement surgeons, but say their careers couldn't have been possible without supportive parents and orthopedic surgery training at Duke.

To show their gratitude to their late mother, Emily, and the Duke Orthopedic Surgery Residency Training Program, the Berend brothers have organized the first-ever Emily Seymour Berend Joint Replacement Symposium. To be held April 17-18, 2009, in the Human Fresh Tissue Laboratory and Conference Room at Duke Clinic, the symposium will feature Visiting Professor Douglas A. Dennis, MD, president of the Knee Society.

"A successful practice is based on three fundamentals: excellent patient care, clinical research, and education. It is our commitment to education that has spawned the Emily Seymour Berend Joint Replacement Symposium," says Keith Berend.

Aimed at educating orthopedic residents, fellows, members of the Piedmont Orthopedic Society, and the surrounding community, the symposium's topics will cover partial knee replacement,



Keith (left), and Mike Berend (right) with their late mother, Emily Seymour Berend.

minimally invasive hip and knee techniques, revision hip and knee replacement, and balancing techniques for knee replacement. Other event highlights include cadaveric laboratory demonstrations in the skills lab. The brothers plan to host the annual event at Duke every spring.

Says Mike Berend: "Keith and I spent a total of 15 years in the Duke orthopedics program. Our parents were a huge encouragement for us and supported our pursuits of academic orthopedics. Our mom loved Duke basketball and recognized the value of the Duke education and opportunities it afforded for the future. This symposium is an opportunity for us to give back to the Duke orthopedic program that equipped us so well in the areas of research, teaching, and clinical excellence and a mom that was so proud. It makes sense to give back and leave a legacy."

To learn more about the joint replacement symposium, contact **Michael Bolognesi, MD'98, HS'98-'03**, by e-mail at michael.bolognesi@duke.edu, by phone at 919-668-4732, or by mail at Division of Orthopaedic Surgery, DUMC Box 3269, Durham, N.C. 27710.



The new anatomy lab embraces the best of both high tech and traditional learning tools.

New Gross Anatomy Lab Puts Duke Med Ed at the Forefront

Even as Duke expands the use of simulators to speed learning and protect patient safety, nothing will ever completely replace traditional hands on dissection using human cadavers.

High tech and high touch come together in the School of Medicine's brand new gross anatomy lab and adjoining high-tech fresh tissue lab and teaching auditorium, which celebrated its grand opening in August. From anatomy atlases to 3-D images of the human body, everything is at the fingertips of faculty and learners.

"When people walk in they just say 'wow,'" says Monte Brown, MD, Duke University Health System vice president for administration. "These are valuable assets a lot of leading medical schools don't have. Combining traditional techniques with the most up-to-date technologies puts Duke in the forefront."

According to **Edward Buckley, E'72, MD'77, HS'77-'81**, anatomical medical education today combines the ideals of the medical profession—the acquisition of scientific knowledge and skill balanced with the development of humanistic attitudes and behaviors. While computer-

ized educational tools have reduced the amount of time spent on dissection, the physical procedure fosters a spatial and tactile appreciation for the fabric of the human body that cannot be achieved by projections or computerized learning aids alone.

Scott Levin, T'77, MD, HS'82-'91, division chief of plastic, reconstructive, and oral surgery, was instrumental in planning the gross anatomy and tissue labs. The expanded space was planned to accommodate undergraduate and graduate medical education as well as the growth plans in the physical therapy, physician assistant, and continuing medical education programs.

Now conveniently housed near the other medical classrooms in a well lighted and ventilated facility in the basement of Duke Clinic, the new facilities and equipment are a far cry from the aging Bell Building gross anatomy lab that many alumni will remember. The Bell Building is being moved to make way for an expansion of Duke University Hospital (see article on page 40).

Jones Appointed to New Alumni Affairs Position

Jenny Jones has been named director of alumni affairs for Duke University School of Medicine. Jones spent the past six years as director of special events and donor relations for Duke Medicine.

While she will continue to organize and plan events such as Medical Alumni Weekend and Medical Families Weekend as she did in her previous position, Jones says this newly created position will allow her to focus solely on the School of Medicine and its alumni.

"I'm excited to be working one on one with alumni," she says.

Working closely with James Stangle, executive director of development and alumni affairs, Jones will arrange opportunities for alumni to meet with Dean Nancy C. Andrews, MD, PhD, recruit alumni volunteers, and find new ways to get them involved with the Medical Alumni Association through reunions and other events.

Jones also plans to work with her staff to increase participation in the alumni program, especially among young alumni and students. Jones hopes to begin using blogs and social networking Web sites like Duke Connect and Facebook to help young alumni and students stay connected with one another.

Jones has more than 10 years of experience in alumni affairs, special events, and donor relations. Before coming to Duke in 2002, she



was the assistant director for alumni affairs at the UNC-Chapel Hill School of Education. She also previously worked at the University of Kentucky, where as associate director for membership, marketing, and special programs, she worked with alumni clubs across the country and supervised all special events for the university's alumni association.

A native of Charlotte, N.C., Jones holds a bachelor's degree in secondary education and history with a minor in music as well as a master's degree in education administration from Appalachian State University.

HCC - 51+ yrs. Robert M. "Crusty" Rosemond
Lucy Freedy

1954 - 55th Henry J. Carr, Jr.

1959 - 50th Melvin D. Small
Andrew G. Wallace
Alonzo Myers
Charles L. Nance, Jr.
George A. Engstrom
Edward G. Bowen

1964 - 45th James B. Powell
Frederick L. Grover
Frank T. Hannah

1969 - 40th Dale Nolan Lawrence
James L. Bierfeld

1974 - 35th John H. Dorminy III
Jared Naphtali Schwartz
Robert W. Downs, Jr.
Richard I. Kopelman
Richard "Rick" Waugaman
Michael B. Shipley



2009 Medical Alumni Weekend

October 15-18, 2009

If your graduation year ends in
4 or 9, 2009 is your reunion year.

Volunteers for each class are encouraging everyone to attend the weekend and participate in the reunion gift program. This year's reunion classes are well on their way to raising \$425,000 for the Medical Annual Fund/Davison Club.

1979 - 30th Anthony J. Limberakis
Robert "Bob" Drucker

1984 - 25th Elizabeth G. Livingston
William "Bill" Mallon
Jeffery "Jeff" Baker
David L. Feldman

1989 - 20th Grace Emerson Terrell
Lynne A. Skaryak

1994 - 15th Joon Yun
Chris Woods
Amy P. Abernethy

1999 - 10th Cameron Dezfulian
Margaret B. Sudarshan
Sunil Sudarshan

2003 - 5th Susan Kansagra
Charles "Chuck" Scales

Questions? Contact:
Kevin Hirano
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(919) 667-2518
kevin.hirano@duke.edu



Keep In Touch

MEDALUM.DUKE.EDU

Have you moved or changed jobs?

Keep your DukeMed connection strong by keeping your contact information up to date.

Former classmates and alumni colleagues can find you in the password protected

DukeMed Alumni directory. Patients who want the very best can find you fast—by city or specialty—using "Find a Duke Trained Doctor." You can even provide a link to your office

Web site when you update your information.



Norins, Christenbury Dedicated To Giving Back

by Jim Rogalski

DUKE TOOK CHANCE ON NORINS

The question coming from the 12-person Duke School of Medicine admissions committee seemed surreal. It wasn't one of the boilerplate questions he was expecting—the “tell us why you want to be a doctor” variety.

No, this question was from beyond left field, and nothing **Leslie C. Norins, MD'62**, could have prepared for in advance:

“If we let you come to Duke, are you going to organize the students against us?” Norins was asked.

“I was flabbergasted,” he says.

In retrospect, however, the question made a lot of sense.

At the time, Norins was at best a puzzling graduate, and at worse a gamble for any medical school that would have him. While he showed great promise by doing allergy research during pre-med at Johns Hopkins University, Norins also had many eclectic, non-medical interests that pulled at him. He was a young activist in the business community with a passion for urban renewal. (He worked after school and weekends for the noted developer James Rouse.) He assisted as the youngest member of major civic and arts groups. He tried to find a role for helicopters in Baltimore's evolving transit system.

“I was uncertain about my future,” he says. “I was a very strange case, and a puzzle to my (Hopkins) advisor. He even questioned whether I would be accepted at any medical school.”

During his Duke interview, Norins briefly pondered the bizarre question he was asked, and quickly saw its veiled hint of approval for his previous initiatives. He laughed. The 12-member admissions committee laughed, too, and then the real interview began.

“Thank heavens there was a connection with Duke, and they chose me,” Norins says. “I was a lump of wet clay when I arrived, and Duke helped to shape me.”

It is because of his immense respect for Duke and the professors who encouraged him to explore medicine and discover himself, that Norins has “always had a grateful place in my heart for Duke.”

And why, after a successful career that included nearly a decade as an immunologist at the U.S. Centers for Disease Control and decades as a highly successful medical newsletter publisher, he was financially able to give back.

Norins has pledged \$5 million from his estate to Duke Medicine.

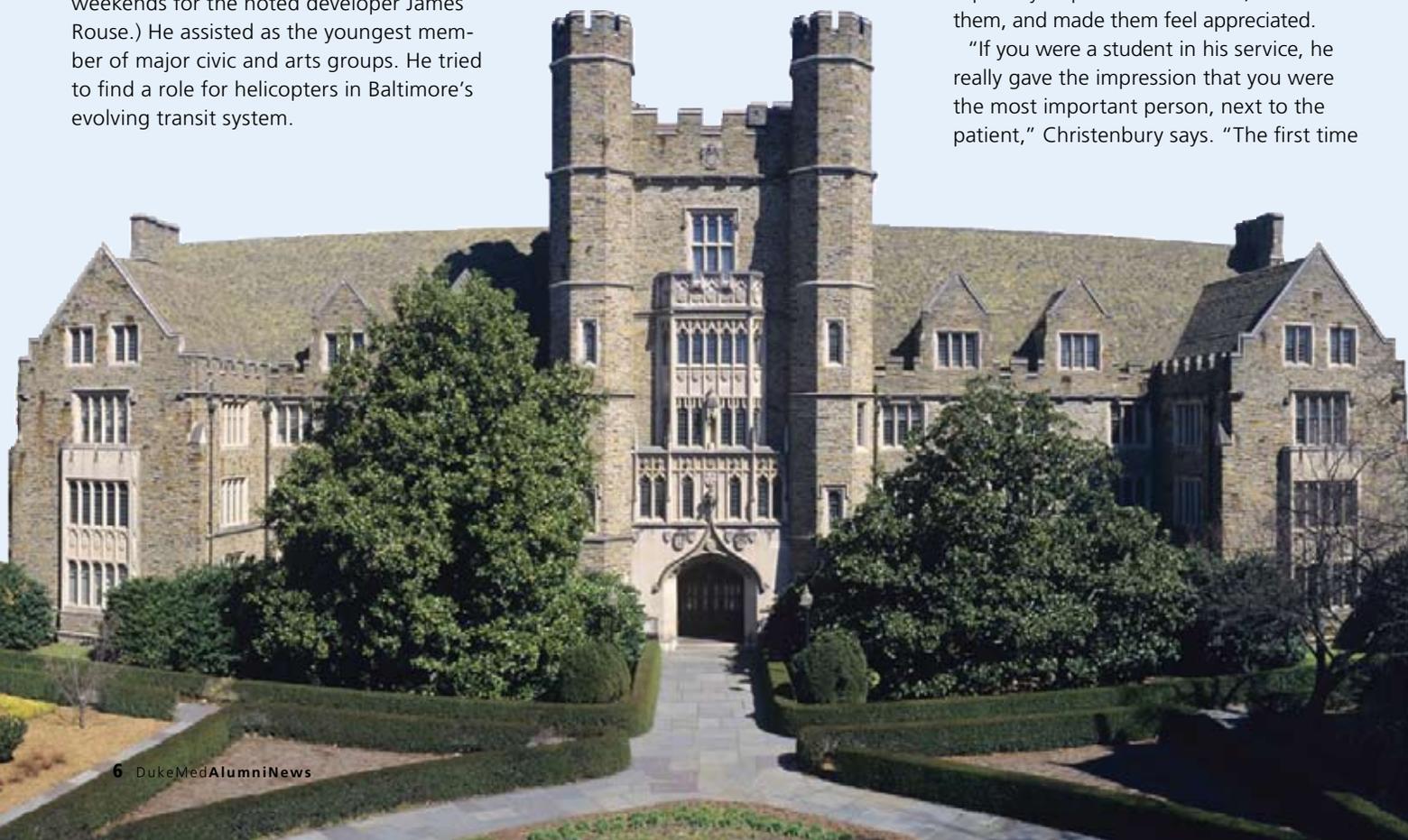
“I have never made any large philanthropic pledge before,” he says. “Now, I feel like a real part of the extended family at Duke. It gave me a reason to become more knowledgeable of the medical school and become an ambassador for them.”

Norins says if he had not pledged in advance and instead left it to his “estate lawyer to convey the bequest after my demise, I would have missed out on the ability to feel a part of the family. I get invited to events and occasionally chime in with my ideas. I don't think a lot of people understand the rewards that come with giving sooner rather than later.”

SABISTON INSPIRED CHRISTENBURY

Giving people the ability to chime in is something **Jonathan D. Christenbury, MD'81, HS'81-'85**, also admires about Duke, especially while he was a medical student here. He says David Sabiston, MD, the former chair of the Department of Surgery, was especially respectful to students, listened to them, and made them feel appreciated.

“If you were a student in his service, he really gave the impression that you were the most important person, next to the patient,” Christenbury says. “The first time



in the operating room with him during heart surgery he had me stand right next to the surgeon. After that experience I almost went into cardiac surgery.”

Christenbury chose eye surgery instead because he developed a passion for microsurgery. As medical director of Christenbury Eye Center in Charlotte, N.C., he now is ranked as one of the world’s most experienced LASIK surgeons, having performed more than 65,000 of the procedures. He also specializes in cataract, refractive, and reconstructive eye surgery.

“I feel like I received one of the best medical educations in the world, am grateful for that, and understand that many medical students require financial aid,” he says. “I want to support that.”

Christenbury is a member of the Medical

Alumni Council and a loyal annual supporter of the Duke Medical Annual Fund, which funds scholarships for medical students. It also provides critical support for research, curriculum enhancements, and the medical library.

“There is something special about being a Duke graduate,” he says. “People have a high regard for medical care at Duke and are confident that you are going to give them that kind of care.”

He says that if medical alumni consider the value of their medical education, “it can’t be quantified by how much it has given them. I encourage alumni to be generous. There is a long tradition of Duke medical alumni supporting their school and I am proud to be a part of it.”



Leslie C. Norins



Jonathan D. Christenbury



Charles D. Scales

Young Alum A Grateful Annual Giver

As a current urological surgery resident at Duke, **Charles D. Scales, MD’04, HS-current**, sees the fruits of his gifts to the Duke Medical Annual Fund up close on a daily basis.

“I get to watch the medical students as they grow into the leaders of tomorrow,” he says. “I can see my support going to work.”

Scales is so grateful for the financial aid he received while a medical student at Duke that he began giving back as soon as he graduated. He says his annual gifts honor his Duke mentors and help give current and future medical students the same opportunity he was given to come to Duke.

“Doctors (William) Bradford and (Andrew) Muir were great mentors to me,” Scales says. “Dr. Bradford took his first-year pathology lab students under his wing and taught us how to do productive research and expand our interests. Dr. Muir taught me how to do good clinical research and how to think critically about patient care problems.”

For his third-year research project, Scales worked with **Muir, MD’93, HS’93-’97, G’01**—the clinical director of hepatology in the Division of Gastroenterology—to examine the use of digital rectal exams and fecal occult blood testing at the time of hospital admission to determine whether asymptomatic patients over 50 were screened for colon cancer. Scales’ project was published in the *Journal of Clinical Gastroenterology*, and recognized as the Outstanding Platform Presentation at the Alpha Omega Alpha Research Symposium at Duke.

The Duke Medical Annual Fund offers membership into the Davison Club for gifts of \$1,000 or more, or \$500 or more for recent medical school graduates (classes of 1998-2008).

“The young alumni giving level is important and makes it easier to give,” Scales says.

Scales and his wife Culver, a major gifts officer for Duke Medicine Development, live in Durham.

Ways To Give:

MEDICAL ANNUAL FUND

Your unrestricted gifts help provide medical scholarships, curriculum development, technology, and medical library enhancements.

DAVISON CLUB

Minimum gift of \$1,000 (\$500 for medical graduates 10 years out or less) to the Duke Medical Annual Fund within the fiscal year. Benefits include:

- Invitations to social events with Duke faculty members, students, and other benefactors
- Your name on the Recognition Wall on the 2nd floor of the Duke Clinic
- Free parking passes for Duke Hospital, upon request
- The award-winning health and medicine resource, *DukeMed Magazine*.
- A Davison Club gold-filled lapel pin, upon request

JAMES B. DUKE SOCIETY

Gifts of \$100,000 or more given to any area of Duke University or Duke Medicine. Benefits include invitations to special events during Founder’s Weekend in October.

Friends giving \$1 million or more are invited to a private reception with university President Richard H. Brodhead.

HORIZON SOCIETY

Cumulative giving of \$250,000 to \$999,999 to Duke Medicine. Benefits include your name permanently on the Recognition Wall on the 2nd floor of the Duke Clinic.

PINNACLE SOCIETY

Gifts of \$1 million or more to Duke Medicine. Benefits include:

- Your name permanently on the Recognition Wall in the main lobby of the Duke Clinic
- Crystal pinnacle with the base engraved with your name
- A lunch or dinner (your choice) hosted by Duke at a location of your choosing for yourself and 25 guests

CHANCELLOR’S CIRCLE

Gifts of \$25,000 in a single or cumulative amount to Duke Medicine in the same fiscal year. Benefits include an invitation to the Chancellor’s Dinner held in March.

HERITAGE SOCIETY

Any planned or estate gift made to Duke Medicine. Benefits include:

- Heritage Society pin and certificate
- Invitation to a cocktail reception during Founder’s Weekend in October.

For more information about giving to Duke Medicine, visit dukemedicine.org/giving

GLOBAL DREAMS TAKE FLIGHT AT DUKE



The residency director at a prestigious U.S. medical school looked Stephen Parker, MD, in the eye and told him this about his dream of doing neurosurgery work in east Africa: “Steve,” he said, “you’re going to have to have another dream if you want to work in neurosurgery. It’s basically non-existent in east Africa.”

That was in 2005 when Parker was shopping for a neurosurgery residency. Other institutions were equally honest with their assessments of what they suggested was a pie-in-the-sky desire.

Even Duke told Parker he most likely would have to wait until after his six-year neurosurgery residency to fulfill his industrious and benevolent ambition.

But Parker came anyway, moved by a gut-level feeling that at Duke anything is possible—even fulfilling a dream that seemed implausible, if not impossible.

By Jim Rogalski

Eve Puffer in Kenya, Stephen Parker in Uganda, Sarah Lofgren and Susan Emmett in Tanzania.

“I felt I was not going to be discouraged at Duke for wanting to try something different,” Parker says. “I knew Duke was very progressive.”

Indeed.

In 2006 Duke launched the Global Health Institute (DGHI) with a university-wide commitment to reduce health disparities around the world. Opportunities for overseas education, training, and research bloomed.

By summer 2007 Parker was in Uganda in a program launched by Michael Haglund, MD, PhD, associate professor of neurosurgery, performing life-saving spinal cord and brain surgeries.

That same year Parker was named one of four physicians in the inaugural class of the Duke Global Health Residency Program—a joint program of Duke’s Hubert-Yeargan Center for Global Health (HYC) and the DGHI. It further opened opportunities for Parker to work in east Africa.





15 Departures / Sorties / Salidas

Entries / Entrées / Entradas

Visas

VISA NO. 11649A

ISSUED AT THE PASSPORT CONTROL OFFICE TANZANIA EMBASSY, WASHINGTON

ALLOWED TO STAY FOR THREE MONTHS WITH OR WITHOUT PAY. SUBSTITUTELY PROHIBITED.

DATE 04 SEP 2004

CLASS TOURIST

60.00

27 OCT 2004

A02

KIA TANZANIA

2 SEP 2004

A02

KIA TANZANIA

Last summer he spent seven weeks there on a second neurosurgery trip, visiting Uganda, Tanzania, and Kenya. He will return this summer for a third time.

His hunch about Duke obviously was spot on, and Parker frames the dichotomy of 2005 and today this way: “I’m truly living a dream come true.”

SIGNIFICANT CONTRIBUTIONS

Across the Duke medical education spectrum, students, residents, and fellows are involved in world-class, career-defining global health opportunities that they say are unavailable at other institutions.

This academic year the DGHI, HYC, and the school of medicine have placed students, residents, and fellows in Rwanda, Thailand, China, Uganda, Tanzania, Kenya, Cambodia, South Africa, Haiti, India, and Nicaragua in programs that allow them to make significant contributions to health care by directly treating patients or by conducting research and service that has the potential to impact health care worldwide.

“U.S. medical students have the privilege of training in well-equipped, well-funded facilities,” says Michael Merson, MD, director of the DGHI. “A field experience in an under-resourced area like those offered here at Duke allows students to better understand the realities and challenges of treating and preventing disease in vulnerable and underserved populations.”

The full menu of global health opportunities at Duke is attractive to some of the nation’s best medical students, residents, and fellows.

“That Duke is willing to let students do their third-year research abroad shows the confidence they have in us and in the curriculum,” says third-year medical student Susan Emmett, who is one of just 65 medical students nationwide to receive a prestigious Howard Hughes Medical Institute Research Training Fellowship for 2008-09.

This academic year she’s in Moshi, Tanzania, where Duke has a long-term relationship with Kilimanjaro Christian Medical Center. Emmett is studying the intersection of health policy and health science in HIV/AIDS and conducting a second study looking for inexpensive clinical predictors of when antiretrovirals have begun to stop working.

“You can’t do international policy from afar,” Emmett says. “You really need to be on the ground doing work that will actually have an influence. Duke has a fantastic research operation in Moshi and this is a unique opportunity for me.”

With support from DGHI, third-year student Sarah Lofgren, also in Moshi, is studying whether dry blood spots can be used instead of blood plasma to accurately follow HIV viral loads and diagnose HIV infections in infants under 18 months of age.

“If plasma is used for these tests it must be frozen within six hours of getting the blood,” Lofgren says. “In rural Tanzania and other parts of the world, this just isn’t possible, so many

people are not able to get these important tests.”

She’s also working on a pharmacokinetics study looking at the interactions between HIV and tuberculosis medications in children.

“I have always been interested in international work and trying to figure out how that might work in my career,” Lofgren says. “Coming to Moshi was a great match for me. I am seeing all levels of many clinical trials and learning a lot about Tanzania, HIV, research, and myself.”

Eve Puffer, PhD, the first-ever DGHI postdoctoral fellow says, “A lot of trainees don’t have the opportunity in a postdoctoral position to build a research career on global experience.” She

“You can make a difference in the world if you really want something and are willing to work for it.”

Stephen Parker



splits her time between Duke and Muhuru Bay, Kenya, where she is conducting mental health and HIV/AIDS prevention research among adolescent girls and young women. “Duke has given me an opportunity I never would have had at the other universities that offer clinical psychology postdocs.”

PARKER’S IMPACT

Parker had been up all night when he arrived at the Duke North cafeteria to talk about his recent experiences in east Africa. Sporting a russet-colored full beard, blue hospital scrubs, and a small black backpack slung over his shoulder, he looked every bit the part of a clichéd on-the-go surgical resident. He was barely recognizable from the photograph of him in a Ugandan hospital where, clean-shaven and white-coated, he poses with a smiling 70-something-year-old Ugandan man. Parker had operated to remove a huge growth on the man’s head. When the man first looked in the mirror post-surgery he gleefully thanked Parker because he no longer was ugly.

Parker had just come off an overnight neurosurgery shift at the Durham VA Medical Center and was headed to UNC later that morning to take classes toward a master’s in public health degree—something three of the four Duke global health residents will earn by this spring. He will spend more time overseas this summer. His longest stint overseas will be for about six

months in 2011.

Parker says he owes much to Haglund for opening the door to Uganda to him. Haglund began the Ugandan neurosurgery program after his church was serendipitously visited by a Ugandan pastor who pleaded for medical help in neurosurgery for his country. Within weeks Haglund had assembled a team of 28 medical personnel and \$1.3 million worth of discarded but working medical equipment donated by the Duke University Health System's Global Health PLUS program, to go to Kampala, Uganda. He tapped Assistant Professor of Neurosurgery **Ali Zomorodi T'96, MD'00, HS'00-'06**, and an eager Parker as co-organizers, and Parker's wife Jenny as trip

"It is a great success story," Parker says. "His lost vision will not return, but the surgery stopped the progression of the disease."

A 16-year-old Ugandan girl presented with deteriorating mobility and was no longer able to move her legs. Parker and Haglund removed a large tumor on her spine, but did not expect her to walk again. Within days, however, she regained some leg movement and within weeks she was walking with small crutches. The girl and her mother were tearfully grateful that the girl will be able to live a normal life.

"You can make a difference in the world if you really want something and are willing to work for it," Parker says.



Third-year student Sarah Lofgren, left, poses with the medical team she is working with in Moshi, Tanzania; Stephen Parker with a patient after surgery; Eve Puffer shows her passport visa to Kenya.

logistics coordinator.

"As a couple they are an inspiration," Haglund says. "They bring a passion for helping others and have wonderful hearts about touching people who are hurting."

That first summer Parker helped perform 35 surgeries. He returned last summer with Haglund, Zomorodi, and a Duke team of 50. Duke now has an established program that teaches Ugandan neurosurgeons more sophisticated surgical techniques, like pituitary gland surgery through the nose.

"With the new equipment and training they are now capable of doing this type of surgery," Parker says. "Before, they wouldn't even attempt it because they knew the likelihood of harming the patient was greater than the likelihood of helping them. Within a week, that completely changed."

Eighteen-year-old Shafiq is one Ugandan patient who was helped by this advanced type of pituitary gland surgery. He had developed gigantism because of a tumor. He was growing abnormally tall and had developed very large hands and feet. Shafiq had already lost vision in one eye and his remaining vision was compromised.

"He obviously wasn't going to be able to provide for himself or his family if he went blind," Parker says. Under his and Haglund's supervision, two Ugandan neurosurgeons removed the tumor.

Global Health Residency Director **Nathan Thielman, MD'90, HS'90-'93**, says that after Parker's residency, "Steve will be well-positioned to conduct important operational and clinical research in the field of global neurosurgery—a field in which I have no doubt he will be a leader."

EMMETT, LOFGREN ADJUST TO TANZANIAN CULTURE

Goat meat.

Emmett's words came through with LAN-line clarity over a tenuous Skype internet phone call from the other side of the world. Goat meat is definitely something she never thought she would eat.

"In fact," Emmett says light-heartedly, "I don't always know what I'm eating." That's not true most of the time. Rice, beans, and bananas have become her staples and provide a familiar connection to the Western world.

Adjusting to the sometimes exotic cuisine, however, is a cultural challenge that is easier to overcome than language barriers, Emmett and Lofgren say.

"None of the patients speak English," Emmett says, "but luckily English is the primary language of the care providers in the hospital." She and Lofgren are tutored nightly in the language of Swahili.

Lofgren says the slow pace of life in Tanzania is a welcome

change from the rigors of her second year in medical school but can be frustrating.

“Tanzanian time tends to be slower with people taking breaks more often,” she says. “If something comes up at home, people just leave.” That can make scheduling meetings and patient visits a nightmare.

Other small nuisances, Lofgren says, include frequent power outages, slow or inaccessible internet connections, and occasional plumbing problems in the large house next to the medical center that she and Emmett share with other short-term Duke staff.

But collectively, all challenges are insignificant when measured against the big-picture benefits of living in a foreign land, both women say.



Eve Puffer talking with a classroom of boys. L-R: Ali Zomorodi, MD; Michale Haglund, MD; Stephen Parker, MD; and Senthil Radhakrishnar, PA, are part of the Duke-Uganda Neurosurgery team.

“It’s a very beautiful country,” Lofgren says. “I can see Mt. Kilimanjaro from the doctors’ compound. The people here are very friendly. My Swahili teacher says that Tanzanians say ‘You are my friend until proven otherwise.’”

The two friends try to go exploring every Saturday. They hiked five hours to see a spectacular waterfall and took a safari to Arusha National Park that Emmett calls “one of the coolest experiences I have ever had in my life. We saw giraffes, zebras, cape buffalos, baboons, and wart hogs—everything except elephants and lions.”

As a Howard Hughes Medical Institute Research Training Fellow, Emmett will return to Washington, D.C. twice during her third year to meet with other fellows and report on her research progress. She was in D.C., in November and will come back in May.

While she has not yet chosen a medical specialty, Emmett says her time in Tanzania has convinced her of at least one thing: “I definitely want international health care to be a part of my career.”

PUFFER SURPRISED BY KENYA RESULTS

Sitting at her desk in her simple Trent Building office, Puffer says she was not so much surprised as she was stunned by what she found in the fishing village of Muhuru Bay, Kenya

over the summer.

The research project planned by Duke’s first-ever Global Health Postdoctoral Fellow was to assess the level of psychological trauma suffered by girls and young women due to sexual exploitation, then develop a plan to help them.

What she found instead was that transactional sex for fish or money is so engrained in the culture that “there was not a lot of (psychological) trauma. The dynamics of the situation stunned me,” Puffer says.

That’s not to say her work there is done. With HIV infection affecting 15.3 percent of the population of Muhuru Bay—the highest in all of Kenya—Puffer has retooled her postdoctoral research to focus on HIV prevention and increasing women’s self esteem to help open up more opportunities for them.

Like farming. Or starting a small business.

“The men and boys can fish, but it’s a cultural taboo for women to fish,” Puffer says. “If women have the capital they can start a small kiosk to sell cookies, crackers, and soap. Women also can pool their money to plant a larger amount of crops to sell at the market.”

In her Trent Building office Puffer is analyzing the interview data she collected over the summer in preparation for a return trip in May through August. A large part of her time there will include involving the community in

analysis of the data and helping to determine what can be done to change the “sex-for-fish” culture. Puffer will begin a pilot trial of interventions in December.

Possible programs include: teaching sex education and safe sex practices to parents, children, and fishermen; educating about the dangers of HIV/AIDS and how to reduce the number of partners; teaching about dangerous abortions; teaching parents to talk more openly to children about sex; educating women about work opportunities; and helping young women improve their self-esteem.

“My goal is to work with parents and churches, religious and civic leaders to create a community of support,” Puffer says.

She was particularly inspired by an 18-year-old Kenyan woman she befriended. Like most of her peers, the woman had fallen into a lifestyle of transactional sex at an early age and faced a future of little opportunity. But her parents encouraged her in school in hopes of providing a path to something better. She came through the local school system with decent grades, and at a community meeting the young woman emotionally announced she had been accepted to college.

“This meant so much to me,” Puffer says, “because for so many here there is just complete hopelessness. But if you have a supportive community and strong self esteem, there is a way out.” ■

Medical Student Research: The True Cost of Dirty Hands

Research has proven that frequent hand washing is a simple way to help keep patients healthy while in the hospital. But it's not always quite so simple considering on average hand washing only occurs 55.1 percent of the time in hospitals and other health care settings.

When fourth-year medical student Keith Cummings learned this fact during patient safety seminars at the end of his second year of medical school, he knew there had to be a better way to help hospitals encourage good hygiene among workers.

"We learned that compliance with hand washing was so poor," Cummings says. "(Hospitals) put a lot of programs in place for compliance, but they don't seem to work."

So Cummings set out to try to motivate hospital administrators in a language that they could easily understand: dollars and cents. In a study conducted during his third year of medical school, Cummings found that health care workers cost their hospitals \$1.98



every time they do not wash their hands. This translates into \$1.77 million in total expenses per year for a 200-bed hospital.

"I thought if I could put in place a number that reflected the cost, that might make it easier for health care workers to see what their actions were costing," says Cummings, who served as lead author on the study.

Cummings and fellow Duke researchers, Keith Kaye, MD, MPH, and **Deverick Anderson, MD'01, HS'01-'06**, also discovered that by increasing the rates of hand washing by 1 percent, hospitals could save \$39,650 a year. A 5 percent increase would be worth \$200,000.

The costs Cummings calculated are from treating methicillin-resistant staphylococcus aureus (MRSA), a type of bacteria that causes staph infections that are resistant to

antibiotic treatment. The primary mode of transmission is through human hands, particularly health care workers' hands. According to the Centers for Disease Control and Prevention, patients infected with MRSA are more likely to have longer, more expensive hospital stays and may be more likely to die from the infection.

By washing their hands more often Cummings says health care workers could help reduce these costs.

Using data from published articles on MRSA prevalence, transmission rates, and hand washing compliance rates, Cummings created a mathematical model that simulated an episode where a health care worker saw two patients consecutively without washing his hands between encounters. He ran the model one million times to calculate

"This is the kind of thing I would like to do for hospitals—help them implement projects that will not just save money but also save lives."

Keith Cummings

the cost per episode and used data from Duke Hospital to determine the number of expected encounters per year.

Along with Kaye and Anderson, Cummings presented the research in Washington, D.C., in October during a joint meeting of the Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC) and the Infectious Diseases Society of America (IDSA).

Cummings says he hopes the study will motivate hospital administrators to devote more resources to hand hygiene programs. "A week of education and putting up flyers is transient. It doesn't last long. I hope hospitals will say, 'We can spend more money on these programs.'"

A native of Greensboro, N.C., Cummings earned a bachelor's degree in biochemistry



from N.C. State University. In addition to a medical degree, he is currently earning a master's of business administration in Duke's Fuqua School of Business. He says he hopes his degrees will lead to a career in health care finance. Eventually he would like to become a health care consultant and offer tangible solutions for problems like hand washing non-compliance.

"This is the kind of thing I would like to do for hospitals—help them implement projects that will not just save money but also save lives." ▀

The Other 65th General Hospital

North Carolina's World War I
65th Base Hospital Fought on Two Fronts—
War and the Deadly Spanish Flu

Much has been written about the Duke-affiliated 65th General Hospital during World War II, but during a recent talk presented to Duke's Josiah Charles Trent Society and UNC's James B. Bullitt Society, **Ivan W. Brown Jr., MD'40, HS'40-'42, '45-'54**, former James

B. Duke Professor of Surgery, shed light on North Carolina's World War I 65th General Hospital. The WWI hospital was headed by Major Frederic M. Hanes, MD, who later became Duke's second chair of the Department of Medicine. From Brown's account, it's hard to tell which was a more formidable enemy for the WWI 65th—the fierce fighting or the deadly Spanish Flu.



Following are excerpts from Brown's talk. An article, *Flak Time*, and photos of the World War II 65th General Hospital, written by Bob Wells for *Duke Perspectives Magazine* in 1998, is available online at medalum.duke.edu.

One of North Carolina's most prominent physicians of the early 20th century was Colonel John Wesley Long, MD, of Greensboro. He built the city's first hospital, which still bears his name. Prior to World War I, he was the highest ranking reserve officer in North Carolina, and when the war broke out he headed the North Carolina draft. While serving in this capacity he obtained permission from the U.S. Army to form an Army hospital made up of North Carolina physicians and nurses. The new unit was designated the Army Base Hospital 65 with Col. Long as commanding officer.

One of Long's first recruits was Major Frederic M. Hanes, MD, a native of Winston-Salem, who later became the second chair of Duke's Department of Medicine. Hanes was educated at UNC-Chapel Hill and Harvard and received a medical degree from Johns Hopkins. He had been professor of therapeutics at the Medical College of Virginia prior to taking command of the 65th Base Hospital's medical service.

Twenty-three of the original officers were recruited from North Carolina, including James B. Bullitt, MD, professor of pathology at UNC-Chapel Hill, who was appointed head of the laboratory service.



Ivan Brown

Frederic Hanes

John Wesley Long

James Bullitt



A tent hospital in Lawrence, Massachusetts

RISE OF AN UNSEEN ENEMY

The unit was ordered to active duty on March 19, 1918 and remained in training at Fort McPherson, Ga., until August 9, when they were moved to Camp Upton in New York for overseas shipment. Twenty days later, they steamed out of New York aboard the *SS Kroonland* in a convoy of 13 ships. The nurses followed aboard the *SS Baltic* in another convoy a few days later. After 14 uncomfortable days at sea, they arrived at Brest, France, the principal French disembarkation port for American troops. Here they were quartered at Camp Pontanezen, one of many American receiving camps. Four miles southeast of Brest, at Kerhoun, the U.S. military was building a 4,000-bed medical center.

Unbeknownst to the 65th Base Hospital, Brest, where they had first landed, was in the deadly grip of the second and lethal wave of the Spanish flu, the most deadly plague mankind has ever known.

Earlier that spring, an epidemic of influenza had broken out among closely housed soldiers in Camp Funston, Kans., and Fort Devens, Mass., and had rapidly spread to a number of other Army camps, American cities, and abroad. But this first worldwide wave of the disease had been relatively mild with few deaths. Although it was highly infectious, it was mostly thought of as an uncomfortable Three Day Fever. It got its name, the Spanish flu, because Spain, which remained neutral during WWI, did not impose wartime censorship. After Spain's King Alfonso XIII developed the flu, the name stuck. By June 1918 the mild first wave of the disease had largely subsided, although cases continued to occur throughout the summer.

In the early fall of 1918 the disease took on a rapid and dramatic increase in severity. The virus had mutated into a highly virulent and infectious form. Explosive, rapidly spreading



Above: A U.S. Marine receives first aid before being sent to a hospital at the rear of trenches in Toulon Sector, France, Below: Digging mass graves for flu victims in Philadelphia

outbreaks started in Brest and in Boston and other eastern American cities, then spread throughout the world with amazing speed and an alarming death rate. Few places were spared this lethal second wave of the Spanish flu, even remote tribes of Eskimos in Alaska were victims.

WAVE OF DEATH

My earliest childhood memories originated during that epidemic. I remember being frightened by my father yelling out during his feverish delirium. Fortunately, my grandmother did not get the flu, and the other five of us survived in our upstate New York farmhouse because of her care. Another neighboring farmhouse was not so fortunate. All members of that family were found dead in their beds. Our nearest town ran out of

“At night it was a fantastic picture to go into a ward filled with desperately ill men, dimly lighted by two candles burning on tin pie plates on the floor, one at each entrance.”

Irene Brewster

caskets and they wrapped bodies in sheets and stacked them in the Baptist church until they could be buried.

In cities like Philadelphia, where at its peak this second wave of the flu was causing 4,500 deaths a week, they had to resort to mass graves as a public health measure. Cities like Boston erected large tent hospitals to care for the living.

Public fear of the disease was great, as its cause was not known. In 1918 little was known about viruses and most people thought erroneously that the flu was caused by Pfeiffer’s bacillus (*Haemophilus influenzae*). Every measure was taken to prevent its spread, mostly to no avail. Wearing a mask became almost obligatory. In most places you were not allowed on street cars or in stores without one. Children wore camphor bags around their necks in hopes this would protect them.

Since Brest, France, was one of the starting points of the second wave of the epidemic, all the available beds there were quickly filled. But ships carrying American troops continued to arrive, with half of the soldiers onboard desperately ill. Within four days of their arrival, members of the 65th Base Hospital were ordered to the partially constructed Kerhoun



Children wore camphor bag necklaces in hopes of warding off the Spanish flu.



Inside the Kerhoun hospital.

Hospital to help get beds open for patients. The conditions they found were almost unbelievable. A constant cold rain fell, which turned the hospital area into a quagmire of slippery, ankle deep mud.

HOSPITAL IN THE MUD

Sixty-fifth nurse Irene Brewster described the conditions in her diary: "The weather was cold and raw, and it rained and rained. The hospital wards, built as wooden barracks, were 50 feet long and 40 feet wide, accommodating 35-40 patients. None of the windows had been fitted with glass, so they were covered with oiled paper or burlap. There were no lights, water, or sewage system, no walks or roads had been built. Ditches had been dug for water and sewer lines, but no pipes were yet available. Heating the wards was impossible, as there were no stoves. The only light to be had was from candles and a few lanterns. At night it was a fantastic picture to go into a ward filled with desperately ill men, dimly lighted by two candles burning on tin pie plates on the floor, one at each entrance. "The equipment for a base hospital had not arrived. We did have some medical department beds and plenty of blankets of good quality that could be used as mattresses. We received patients right from the transports and within days we had 2,000 patients. One

patient would be placed on a bed using a blanket as a mattress, and the next patient would be placed on the mattress on the floor.

"We had great difficulty feeding patients, as there were so few dishes and utensils. However, with a little ingenuity, using a tongue depressor as a spoon, nurses could get the patients fed. The rains continued and the nurses, doctors, and stretcher bearers had to jump ditches and wade in deep mud. There were many hardships and inconveniences the patients had to bear, but in spite of these, their morale remained good."

With the great overflow of patients, everyone had to work long hours, often at more than one job. Col. Long had to take over command of the whole medical center. Major Hanes, after promotion to Lieutenant Colonel, took over as the 65th commanding officer as well as chief of the medical service. Capt. Bullitt, now a Major, with little equipment for a laboratory, cared for three wards of patients and also served as detachment commander of all the enlisted personnel. Because of the high death rates, it was necessary to open a cemetery behind the hospital.

As other medical units arrived at the port, they were immediately sent to Kerhoun Hospital Center to help. Gradually construction began to catch up, equipment and supplies arrived, and the center began to look like a real hospital—but not before they had opened all 4,000 beds. Major Bullitt got his equipment and was able to establish a laboratory, but much to his dislike he was also retained as detachment commander of the enlisted personnel.

THE COST OF WAR AND DISEASE

The influx of flu patients continued well after the Armistice was signed on November 11, 1918. In January 1919 the flu epidemic began to abate, but now the Kerhoun Hospital Center became the receiving and processing center for thousands of wounded and ill American soldiers en route to the United States. These kept the 65th personnel busy until late in the spring of 1919. The flu epidemic ended abruptly, and on June 19th the 65th Base returned to the United States for discharge. They left behind in Kerhoun Hospital cemetery the graves of 670 flu victims.

The worldwide cost in lives of the

pandemic was appalling. The actual number is unknown, but is estimated between 30,000,000 and 50,000,000. In WWI, America lost 53,000 soldiers in combat, but more than 40,000 others died of the flu. In the U.S., between 600,000 and 700,000 citizens died, equivalent to 2 percent of the American population.

Despite the pandemic's massive scope, today, 90 years later, it is largely forgotten. But there is new information that could help protect the world from another epidemic like the Spanish flu.

CLUES FROM THE GRAVE

It was not until 1930 that Richard Shope of the Rockefeller Institute proved that influenza was caused by a virus. By then, scientists knew that similar viruses caused influenza in swine, resided in certain birds, could be transferred to other animals like the ferret, and could be grown in fertile hen's eggs.

According to J.T. Taubenberger in the *Scientific American*, Jan. 5, 2005, in 1949, a traveling Swedish medical student, John Hultin, met Lutheran missionaries in Alaska who told him about the 1918 pandemic that caused 72 deaths, nearly wiping out a tiny settlement of Inuit Eskimos. Haunted by the story, Hultin entered the University of Iowa to begin doctoral studies in microbiology. He began to wonder if the deadly virus could be retrieved for study from the Eskimo bodies, which may have been preserved by the Alaskan permafrost. He gained permission from tribal elders, excavated the graves, and obtained lung tissue specimens. Unfortunately, attempts to grow live virus from the specimens was unsuccessful. Hultin was so disappointed he abandoned microbiology and became a pathologist.

Decades later, in 1997, a group of three scientists led by molecular pathologist Jeffery K. Taubenberger at the Armed Forces Institute of Pathology published their finding of preserved Spanish flu virus from wax-embedded blocks of lung tissue taken from autopsy specimens at the Armed Forces Institute of Pathology Museum.

Hultin, now 71 and retired, read the report and his hope of finding the entire 1918 virus was rekindled. That summer, he returned to Alaska and got permission to open more graves. This time he found the body of a young female whose lungs were well preserved. He was able to cultivate the whole virus, and now its entire genome has been published. However, the mystery of where the deadly virus originated has yet to be solved. ■

Feldman Is New MAA President

During his days at Duke, **David L. Feldman, T'80, MD'84, HS'89-'92**, says he was afforded opportunities he's pretty sure he wouldn't have gotten anywhere else.

One such opportunity came about during his third year of medical school when he was able to create an elective in health services research. He spent two months in 1983 working alongside plastic surgeons at a burn center at Soroka Medical Center at Ben Gurion University of the Negev in Beer-Sheva, Israel.

"It was such a unique opportunity," he says. "I had the freedom to explore."

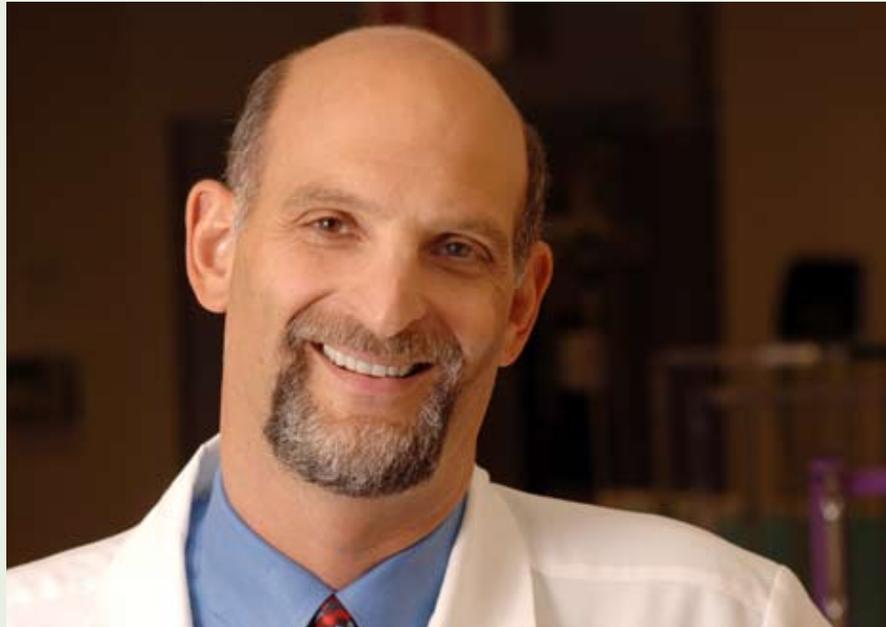
Today a plastic surgeon and hospital administrator, Feldman knows the influence such unique experiences can have on students and their future careers. He hopes his new role as Duke Medical Alumni Association president will give him the chance to help further enhance experiences for current and future medical students, as well as alumni.

Feldman, who first joined the Medical Alumni Council in 1997, plans to encourage more alumni to get involved with the association, particularly through local groups in cities across the country. He also hopes to get more alumni to participate in reunions and other events held on Duke's campus.

Feldman says getting involved with the alumni association is as beneficial to students as it is to alumni. Events sponsored by the association, such as the student-alumni networking event *Entrée*, which is held each fall, allows "students to see what their predecessors have done. It can be inspirational."

Heavily involved in a number of activities as a student, including serving as a student representative to the Medical Alumni Council, Feldman remembers being inspired by many alumni, faculty members, and residents. Among his mentors, he lists David Sabiston, Jr., MD, legendary surgery chairman; Kenneth McCarty, MD, pathology professor; and **Douglas Packer, MD, HS'85**, who was one of the residents Feldman admired.

Currently Feldman is vice president of perioperative services and vice chairman of



"I like the ability to be a physician executive and being able to understand both the patient care side and the administrative side."

David L. Feldman

the Department of Surgery at Maimonides Medical Center in Brooklyn, N.Y. He spends much of his time running the operating rooms and overseeing the OR budget for the 700-bed hospital. He practices plastic surgery one day a week.

He says he finds the variety offered in his job to be very rewarding and wants to share that with students. "I like the ability to be a physician executive and being able to understand both the patient care side and the administrative side."

Many students may not be fully aware of administrative career options, and Feldman hopes he and other alumni in similar fields can serve as mentors. He and Davison Club President **Richard A. Sarner,**

T'79, MD'83, have plans to lead a session on alternative career choices during next fall's Medical Alumni Weekend.

Outside of the Medical Alumni Association, Feldman's other Duke activities include conducting interviews for undergraduate and medical school admissions and serving as a mentor to students in the New York area through the Sandra Tuthill Scholarship Program.

An avid swimmer, Feldman likes to spend his free time working out in a local masters program and competing in ocean swims in the summer.

Feldman and his wife Debra live in Scotch Plains, N.J. They have three children: Samantha, a junior at Oberlin College; Zachary, a freshman at New York University; and Jessica, a high school junior. 

Medical Alumni Council Welcomes New Members

The Medical Alumni Council welcomes the following new members for 2008-2011.

Jonathan D. Christenbury, MD'81, HS'81-'85, is the founder and medical director of Christenbury

Eye Center in Charlotte, N.C. Having performed more than 65,000 procedures, he is ranked among the world's most experienced LASIK surgeons. His specialties include All-Laser iLASIK,

Restor/Rezoom Multifocal Intraocular lens procedures, Visian ICL procedures, custom cataract surgery, glaucoma treatment, ophthalmic plastics, and general ophthalmology. He is a fellow of the American College of Surgeons and a member of the American Medical Association, American Academy of Ophthalmology, and North Carolina Medical Society. Christenbury earned a medical degree at Duke and completed an internship in internal medicine at Baylor College of Medicine and a residency in ophthalmology at Duke University Eye Center. He then went on to complete a surgical fellowship in ophthalmic plastic and orbital surgery at the Jules Stein Eye Institute at the University of California, Los Angeles. He lives in Charlotte and has two children: **Joseph, T'08**, and Liz, a sophomore at Duke.



Preston M. Dunnmon, T'80, MD'84, B'02, FACP, FACC, is section head of both

late phase clinical development and new drug development for Procter & Gamble. After receiving both undergraduate and medical degrees from Duke, Dunnmon completed an internship and residency in medicine at



Parkland Memorial Hospital in Dallas, Texas. He subsequently completed cardiology fellowships at both Parkland and the University of Washington Medical Center in Seattle. During his service in the U.S. Air Force from 1991-97, he was chief of cardiology for two medical centers: Scott Air Force Base Medical Center in Illinois and Malcolm Grow Medical Center at Andrews Air Force Base in Maryland. He joined the pharmaceutical division at Procter & Gamble in 1999. In 2002 Dunnmon returned to Duke to earn an MBA from the Fuqua School of Business. He and his wife **Kara L. Haas, T'80, MD, MPH, FACS**, have two children—Jared, a sophomore in Duke's Pratt School of Engineering, and Evan, a high school junior. The family lives in Cincinnati, Ohio.

Mary P. Harward, MD'80, is a staff physician in the Department of Medicine at St. Joseph Hospital in Orange, Calif. She currently holds appointments on several hospital committees at St. Joseph, including serving as co-chair of the Ethics Oversight Committee and chair of the Institutional Review Board. Her clinical interests include geriatrics and ethics. Before joining St. Joseph, Harward held academic appointments at the University of Florida, Baylor University, and Northwestern University. After earning a medical degree at Duke, the Asheville, N.C., native went on to complete an internship in behavioral medicine and psychiatry at the University of Virginia Health Sciences Center in Charlottesville, Va. She completed a residency in general internal medicine at the University of California at San Diego, spending one year as chief medical resident. She then returned to the University of Virginia Health Sciences Center for a fellowship in general internal medicine. She



and her husband **Timothy, T'75, MD'79**, a vascular surgeon, live in Santa Ana, Calif., and have three children. **Stephen, T'06**, is a second-year medical student at Duke; Thomas lives in Berkeley; and Christina is a sophomore in high school.

Sigmund I. Tannenbaum, T'72, MD'76, HS'76-'82, is a urologist with Alliance

Urology Specialists in Greensboro, N.C. He also is a clinical instructor in the Department of Surgery at Wake Forest University School of Medicine in Winston-Salem and a fellow of the American College of Surgeons. After earning undergraduate and medical degrees from Duke, Tannenbaum remained at Duke to complete a pathology internship. He went on to the University of California, San Francisco, for a surgical residency, and back to Duke for a urology residency. During the Duke residency he was also a teaching scholar and Cannon Fellow in Duke's Division of Urology. He and his wife Ellen live in Greensboro with their son Evan.



The following three members are returning for a second, three-year term: **Kathryn M. Andolsek, MD, MPH, HS'76-79**; **Robert G. Deyton, Jr., T'51, MD'55**; and **Steven F. Roark, T'74, MD'78**.

For a complete list of current members, visit medalum.duke.edu/council.htm.

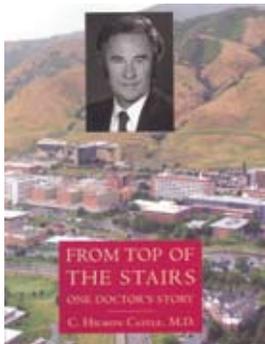
1940s

Adolphus W. Dunn, Jr., MD'45, DC, and his fiancée Mary spent the last few Christmas and New Year's Eve holidays cruising the Drake Passage around Cape Horn. They also took a Tierra del Fuego train trip from Ushuaia and visited the Falkland Islands. Dunn lives in Saint Helena Island, S.C.

Herman F. Froeb, MD'47, is working on an autobiography called *It Took More Than a Village to Raise Me*. He and his wife Helen live in La Jolla, Calif., and have five children and eight grandchildren.

Earl N. Solon, MD'49, says he has "finally become" a life fellow with the American Psychiatric Association. He says his career has been rewarding because he was privileged to practice at the clinical frontier of psychopharmacology. He and his wife Margy have been married for 54 years. They have two grown children and three grandchildren and live in Wilmette, Ill.

1950s



▲ **Charles H. Castle, MD'51, HS'51-'52**, who retired in 1998 as a cardiologist and faculty

member at the University of Utah School of Medicine, has published a memoir titled, *"From Top of the Stairs: One Doctor's Story."* It chronicles his time growing up in rural Mississippi during the depression, his time at Duke University School of Medicine, his move west to Utah, and his military service. The book can be ordered by e-mailing him at chc789@comcast.net. Castle and his wife Linda have six adult children, 12 grandchildren, and four great-grandchildren. They live in Salt Lake City.



▲ **Irwin H. McNeely, T'49, MD'53**, of Franklin, Va., submitted this photo of himself with a couple of Duke buddies getting together last spring to watch the ACC men's basketball tournament on television. In photo are McNeely, left; **Blitz Berlin, MD'53, HS'53-'55**, of Hebert, N.C., sitting; and **William D. Bradford, MD, HS'65-'66, DC**, of Durham. The mini-reunion took place at Berlin's home.

Anna M. Mikesell, MD'53, and her husband **Richard, L'65**, have traveled a great deal, occasionally taking photographs of archeological and astronomical interest for the Griffith Observatory in Los Angeles. She writes the most interesting photos were of the sunrise on the winter solstice in the temple at Karnak, Egypt, in 1977. "It was the first time it had ever been photographed." The couple lives in Sherman Oaks, Calif.

Jerome E. Adamson, MD'54, HS'54-'60, DC, is retired and enjoying traveling. Last October he went to Machu Picchu with his youngest daughter. He and his wife Josephine have three children, **William, MD'90**; Mary; and Josephine, and live in Chapel Hill.

Colonel William B. Jones, MD'54, retired since 2000, works part time as medical director of CWI Insurance Co. He also reviews records for insurance companies and legal firms. He and his wife Ann have four grandchildren and recently took two of them to New York to see one of the last games held in Yankee Stadium. He and Ann also recently returned from Elderhostel in Canada and have plans to visit Turkey soon. They live in Greenville, S.C.

James W. Ramey, MD'54, writes that he is "still surviving" after two coronary bypass surgeries, an aortic valve replacement, and a pacemaker. For the past 43 years he has been a county coroner and does occasional locum tenens work for his peers in family

practice. He lives in Danville, Ky. He has four sons; the oldest, a colonel in the army, recently returned from Iraq. He also has four stepsons.



▲ **George B. Skipworth, T'48, MD'54, DC**, of Columbus, Ga., completed his 32nd medical mission trip to Belize, Guatemala, and Brazil with Tejas Missions, Inc., in March 2008. At 81 years old, he still sees a limited number of former patients in private practice. His daughter Heather lives in Bellevue, Wash., and his son William lives in Columbus.

James B. Creighton, Jr., MD'57, HS'57-'61, DC, works half time at the Tampa Eye Clinic in Florida and has no plans to retire. He and his wife Cathy live on a farm 30 miles outside of Tampa, in Lithia. He encourages any of his 1957 classmates visiting the Tampa area to give him a call at 813-737-4000.

Lucy Rawlings Freedy, MD'57, DC, celebrated her 80th birthday in November and is still working half time as a locum tenens radiologist at Ohio State University Medical Center. She is a former member of the Duke Medical Alumni Council. She and her husband **Robert, T'53**, have

four children—**Barbara, G'91**; John, David; and R.M.—and live in Columbus.

Joseph F. Fraumeni, Jr., MD'58, DC, has been elected a member of the National Academy of Sciences, Institute of Medicine, and Association of American Physicians. He currently is director of epidemiology and genetics at the National Cancer Institute in Bethesda, Md.

M. Wayne Heine, MD'58, and his wife Millie celebrated their 50th wedding anniversary in 2008. They live Tucson, Ariz. Their son Phillip, chief of Duke's Division of Maternal-Fetal Medicine, received a teaching award from the Department of Obstetrics and Gynecology in 2008.

T. Rudolph Howell, MD'58, DC, currently serves as chairman of the finance board for the Southern Medical Association. He and his wife Cheryl live in Chester, Va., and have four sons. Mark, a graduate of Virginia Commonwealth University, works in computer software. John works in research and development for Philip Morris. **Scott, MD'86, HS'86-'87, '92-'95**, practices medicine in Vero Beach, Fla. Brian, who holds a law degree from Mercer University, is an attorney with the Department of Defense.

Floyd L. Wergeland, Jr., MD'58, DC, was reelected to serve on the council for the Pacific Coast Oto-Ophthalmology Society. He lives in Bonita, Calif.

For Marder, Two Ships, Many Emotions



Gerard Marder poses with the current captain and two crewmen of his former U.S. Navy ship, which is now a tourist boat in New York Harbor.

This is a tale of two ships.

One is the *Circle Line X*, a popular New York City tourist boat for the past 50-plus years that continues to ferry 500 sight-seeing passengers at a time around Manhattan and the Statue of Liberty. Snacks, soft drinks, and smiles abound aboard the vessel.

The other is the small U.S. Navy ship *USS LCI(L) 758*, whose job during World War II was to deliver troops to enemy beaches during invasions. It made five battle landings in the Philippines under heavy fire, individually shot down several Japanese planes, was nearly taken out by a kamikaze pilot, and won three military decoration battle stars in the process.



Gerard Marder as a U.S. naval officer in 1944.

Gerard Marder, MD'52, HS'54-'56, knows both ships well. They are, in fact, the same ship, but with entirely different lives.

As an executive officer and then commanding officer of the *LCI(L) 758*, Marder led a crew of 30 men into battle during WWII. On one particularly memorable day in

October 1944 his ship was under heavy fire off the coast of Leyte in the Philippines.

"Usually the Japanese planes went for the larger ships, but there was one heading straight for us," Marder recalls. "I could see the engine cowling and the wings in a straight-on profile coming right at us."

One of Marder's five gunners hit his mark and shot down the plane, which crashed into the water a mere 100 feet from the ship.

"It was pure terror," Marder says. "My knees were shaking. We were so vulnerable."

In recent years when he has traveled to New York City he makes it a point to see his former ship, now known as the *Circle Line X*—the only former WWII U.S. Navy ship in service in the 10-vessel Circle Line Tourism fleet.

"You can barely recognize it except for the pilot house and engine room," Marder says, pausing before reflecting: "We had a happy ship. We served our country and had an adventure." Over the years fewer and fewer shipmates have visited the vessel as age takes a steady toll on WWII veterans.

This past October, Marder was back on deck for a special ceremony honoring the military history of his former command. He had been asked by the ship's current

captain and crew to create a nautical chart detailing all of the 758's voyages and military missions. They were inspired to know the ship's history and eager to share it with their passengers.

Marder worked on the map for several months, recounting most of the information from memory and researching documents to fill in the gaps. When he and his wife Joan returned for the ceremony to present the chart, the ship was adorned in colorful banners and its name temporarily reverted back to *LCI(L) 758*.

"I was treated like a king," Marder says, "which is a real ego trip for an old guy like me." He is 84.

The ship took a tour around the Statue of Liberty with just 15 crew and guests aboard. In New York Harbor near the statue, Marder and the widow of his ship's engineering officer and cabin mate tossed a memorial wreath into the water to honor the former crew and



Marder points to a spot on the nautical chart he created to document the voyages and military missions of the former *USS LCI(L) 758*, which he commanded during World War II.

the soldiers they had delivered into battle.

It was a fitting spot. The 758's first-ever military mission in 1944 was to deliver under fire to the beaches of Ormoc, Leyte, Philippines, 200 soldiers of the New York "Statue of Liberty" 77th Infantry Division.

"It was very meaningful," Marder says softly.

The Marders split their time between Asheville, N.C., and Miami, Fla.

—Jim Rogalski

James T. Williams, MD'58, is enjoying retirement by spending six months in Spruce Head, Maine, and six months in New Orleans, La. He and his wife Ann Roach have two children and four grandchildren.

Henry B. Freye, MD'59, HS'60-'63, and his wife Virginia recently celebrated their 50th wedding anniversary in Bermuda with their three children and respective spouses and four grandchildren. Their children are **Christopher, T'81, MD'85**, Kirsten, and Kurt. The Freyes live in Mystic, Conn.

H. Courtenay Harrison, MD'59, HS'59-'60, '63-'66, was named Physician of the Year by Virginia Beach General Hospital in 2005. He retired in 2006. He and his wife Barbara live in Virginia Beach and have four children and 12 grandchildren.

Donald K. Wallace, MD'59, HS'59-'63, retired in January after more than 42 years with the Pinehurst Medical Clinic in Southern Pines, N.C., the medical practice he helped establish in 1965. In June he established the Donald K. Wallace, MD, Endowment for Adult Nurse Practitioners, administered through the Foundation of First Health. It funds scholarships for nurses in the First Health community who want to pursue a two-year post-master's degree in geriatrics. Recipients must agree to practice for at least two years in the Southern Pines area. Upon retirement, Wallace was honored by the Pinehurst Medical Clinic, and by Penick Village, a continuing care retirement community in

Southern Pines where he was medical director for 16 years.

1960s

William C. Cooper, Jr., MD'60, is in his 42nd year of practicing general pediatrics in eastern North Carolina. He is a physician with Prime Care Medical Center in Roanoke Rapids. He and his wife Janet celebrated their 50th anniversary in June. They have three children—**Audrey, T'83; William;** and Elizabeth—and live in Rocky Mount.



▲ **Robert Green, T'56, MD'60, DC-Century**, an orthopedic surgeon in West Palm Beach, Fla., reports that his eighth grandchild, Max, was born on July 24, 2008, in Chapel Hill. He and wife Elizabeth have three sons: **Robert "Bobby," T'88, MD'93, DC**, (pictured) an oncologist in West Palm Beach; **David, T'89**, an attorney in Atlanta; and **Geoffrey, T'95**, an attorney in Chapel Hill.

Lawrence H. Parrott, MD'60, is entering his 14th year as a teacher in the University of South Carolina School of Medicine after retiring in 1995. He also is playing a lot of golf and riding his 27-year-old horse. His wife **Joy, N'60**, retired nearly 20 years ago as an industrial nurse and immediately accepted the position

of parish nurse at their church. They live in Camden, S.C.

James P. Pilliod, MD'60, is a member of the New Hampshire Public Health Association Board and member of the executive committee for the New Hampshire Medical Society. He lives in Belmont, N.H., and has seven children and seven grandchildren.

Stanley I. Worton, MD'60, DC, serves on the board of directors for the Health Foundation of South Florida. He also serves as chairman of the foundation's finance committee. He and his wife Joan live in Miami, Fla.

John W. Brown, MD'61, HS'61, '65-'66, DC-Lifetime, is now a full-time hospital employee at Newberry County Memorial Hospital in Newberry, S.C. He and his wife Susandale live in Irmo, S.C., and have three daughters. Norabeth is a junior in the School of Nursing at Clemson University; Anna is a freshman in the veterinary technology program at Piedmont Technical College; and Jan is chair of the English department at King William High School in Richmond, Va.

Latham Flanagan, Jr., MD'61, has been retired from bariatric surgery since 2005, and he and his wife Jane are now traveling as much as possible. They recently completed a seven-day backpacking trip in the Grand Canyon. Other places they've visited include the Amazon, Machu Picchu, Argentina, Ireland, and Portugal. They also enjoy scuba diving and skiing. They live in Eugene, Ore.

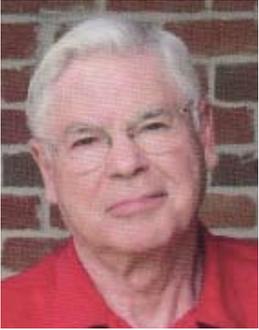


Robert K. Yowell, MD'61, HS'64-'69, DC-Century, retired since 2007, was appointed assistant district governor for Rotary District 7710 Area 7 in 2008. His term ends in 2010. His wife **Barbara, BSN'62, DC-Century**, is retired but still works part time. They live in Durham. Their son **Rob, T'88**, is president of Gemini Sports in Phoenix, Ariz. Daughter **Sally, T'90, PharmD**, is a clinical oncology pharmacist at Duke. Their son **Charles, T'92, MD'00, HS'00-'06**, is in private practice in Stuart, Fla.

Gail R. Williams, MD'62, will present "One Flew Over the Lockdown Unit" during the National Commission on Correctional Health Care's national meeting in Chicago in October. He and his wife Hannah live in Montgomery, Ala.

C. Franklin Church, MD'63, HS'64-'66, DC-Century, is now chief medical officer for IndUShealth, which facilitates sending appropriate patients to India for medical procedures at a fraction of the cost of the same care in the U.S. Visit indushealth.com. He and his wife Linda have 13 grandchildren and live in Raleigh.

▲ **Paul W. Jones, MD'63**, and his wife Jan, a nurse, are training 20 "barefoot doctors," or village health workers, from northern Myanmar as a part of the Frontier Labourers of Christ, a mission that is currently celebrating its 30th anniversary. The training takes place in Chiangmai, Thailand. After the workers' graduation in February 2009, Paul, Jan, and several other doctors, nurses, and dentists will have trained a total of 71 workers who are able to teach disease prevention, diagnose and treat major illnesses, and extract and restore teeth in their own villages. Paul and Jan celebrated their 50th wedding anniversary on June 14, 2008, at the Sunriver Resort in central Oregon with their four children and their respective spouses and 13 grandchildren. The couple lives in Eugene, Ore.



▲ **Edward L. Lewis, Jr., MD'63, HS'64-'67**, is in a wheelchair following an accident in which he fell from the roof of his barn, broke his back at T10, and lost the use of his legs. He has much praise for the Shepherd Center, a catastrophic care hospital in Atlanta, Ga., which secured his back with a steel rod and taught him to use his arms to compensate for the lost leg use. He and his wife Beth live in Greensboro, Ga.

Mark L. Entman, MD'63, HS'64-'68, DC, says he is determined to cut back on his work activities soon. He has completed his 33rd year as scientific director of The DeBakey Heart and Vascular Center in Houston, Texas. He recently renewed his NIH grants for another term. He and his wife **Carol, N'66, DC**, lost their older daughter Karen last year to breast cancer. Their younger daughter Susan lives in Houston. The Entmans have three grandchildren and live in Houston.



▲ **A. Everett James Jr., MD'63, DC**, donated a significant amount of art ware pottery to an auction to benefit the North Carolina Pottery Center in Seagrove. The auction—held in September in Hillsborough—raised \$34,000 for the center. In two hours all 191 pots in the auction had been sold, including a J.A. Craven Randolph County crock that sold for \$800, and a classic late nineteenth century Thomas Boggs canning jar from Alamance County that sold for \$650. James and his wife Dr. Nancy Farmer live in Chapel Hill.

Kenneth L. Jones, MD'63, retired in July from the Department of Pediatrics at the University of California, San Diego (UCSD), after 36 years on the faculty. He now enjoys emeritus status and continues to teach, see patients, and do some clinical research. While serving as chair of the Department of Pediatrics from 2001-'06, Jones said he had the special opportunity to work with **Edward W. Holmes, MD, HS'70-'71, '73-'74**, a former dean and vice chancellor for academic affairs at Duke University School of Medicine, who at the time was the UCSD vice chancellor for health sciences and dean of the school of medicine. Jones and his wife Catherine live in San Diego.

Peter O. Kohler, MD'63, HS'63-'64, DC, retired in 2006 but recently returned to work to establish a satellite medical campus in Fayetteville, Ark., for the University of Arkansas for Medical Sciences in Little Rock.. He and his wife **Judy, N'61**, are living near two of their children Brooke and Adam in Fayetteville. They have two more children, Todd and Steve.

Angus M. McBryde, Jr., MD'63, HS'67-'71, served as the 2007-2008 president of the Clinical Orthopaedic Society, one of the oldest orthopedic societies in America. He and his wife Kay recently helped complete funding for a Shaad-McBryde Neonatal Endowed Chair in the Department of Pediatrics. The couple lives in Birmingham, Ala., and has eight children and 19 grandchildren.

Edwin B. Cooper, MD'66, HS'74-'75, was featured on the National Geographic Channel in 2008 for his research on electrical stimulation for coma patients. In 2007 he lectured on the topic at the University of Cambridge. He and his wife **Mary, WC'64**, celebrated their 40th wedding anniversary in August 2008. Their middle son, Bryan, MD, practices neurology/neurosurgery in Greenville, N.C. Their oldest son, **Branan, T'88**, raises money for cancer research with the Lance Armstrong Foundation. Their youngest son, **Patrick, T'98, PhD**, received a PhD in English from UNC-Chapel Hill in 2007 and now works in Washington, D.C.

Charles B. Herron, MD'66, HS'66-'67, retired in June after

36 years in private practice medicine, mainly dermatology. He and his wife Phyllis have moved to Knoxville, Tenn. to help raise their two grandchildren.

James L. Nash, MD'66, HS'66-'70, retired at the end of 2006 from his position as associate professor of psychiatry at Vanderbilt University School of Medicine. His wife **Karen, WC'64, G'68** retired in 2007 after 32 years in the teaching profession. They moved to Rio Vista, Calif., last year. Their first grandchild was born in November 2007.



▲ **Charles J. Niemeyer, MD'66, HS'68-'72**, a partner with Carolina Orthopedic and Sports Medicine Center in Gastonia, N.C., has worked since 1992 with orthopedic surgeons in Vladimir, Russia, training them in orthopedic knee surgery. He has provided orthopedic journals, medications, and arthroscopic equipment to enable the surgeons to begin performing knee arthroscopy. Niemeyer has hosted Russian surgeons at his Gastonia home several times as well. He and his wife Carolyn have two grown children and five grandchildren.

J. Robert Beshear MD'67, HS'67-'69, received the Ray E. Helfer, MD, Award from the National Alliance of Children's Trust Funds and the American Academy of Pediatrics in Baltimore, Md., on March 14, 2008. The award recognizes advocacy in the prevention of child abuse and neglect. Beshear is a pediatrician in Montgomery, Ala.

Flashes of Genius: Shock Invents Useful Gadgets

John P. Shock, MD'66 admits he's no Richard Kearns, the inventor portrayed by actor Greg Kinnear in the Hollywood film *Flash of Genius*.

For starters, Kearns invented the intermittent windshield wipers in 1969. Today they are as ubiquitous as soda cans and cell phones. Shock has invented such things as the Sock Lock, Soda Stop, and Help-U-Hang-It, which few people have ever heard about.

Kearns' sued the U.S.'s "big three" automakers over patent infringement and eventually won \$30 million. Shock hasn't sued anyone because no one has stolen his ideas. He has not become rich from his gadgets.

And as far as Hollywood goes, Shock's only association is that he saw *Flash of Genius* at his local theater.

"That guy nearly went nuts and almost lost his family," Shock says of Kearns.

Not so for Shock, the chair of the Ophthalmology Department, director of the Jones Eye Institute, and executive vice chancellor at the University of Arkansas for Medical Sciences. For him, inventing useful household gadgets is a relaxing distraction from the rigors of modern medicine.

"It's a little embarrassing," Shock says,

"It's a little embarrassing, because it seems frivolous. But it's important in life to have something other than work to motivate you. For me it's like being an artist."

John P. Shock

"because it seems frivolous. But it's important in life to have something other than work to motivate you. For me it's like being an artist."

Here are descriptions of some of Shock's creations, which he had manufactured, and marketed himself:

The Sock Lock, keeps socks together while washing and drying.

The Soda Stop prevents canned carbonated beverages from fizzing-out once opened.



John P. Shock poses with a number of innovative consumer products that he has invented and marketed.

The Help You Hang It hooks onto an automobile clothes hook and holds up to 10 clothes hangers.

The Box Loc wraps around box tops, like cereal, to keep food fresh

The Kitchen Ruler Oven Rack Push Puller is a long name for a simple device that allows users to push hot dishes into or pull them out of the oven, and measures the size of baking pans.

The kitchen ruler thingy has been his most popular item, selling "a couple hundred thousand." But that hardly has made him rich. In fact, all proceeds from his inventions have gone to help fund a youth soccer program in Little Rock run by his son, Brad.

"None of these have been big sellers," he laughs. In fact, none currently are even available because he's taken them out of production. But he still holds the patents on some.

There is one new item, however, that Shock currently is selling: a board game that combines Dominoes and playing cards called Two for T (www.twofortgame.com).

"We're selling quite a few of them through the website," he says.

Innovative Instinct Inspired by Duke

Shock says his ability to "look at some-

thing and try to improve it" was instilled in him while at Duke.

"I had a lot of role models who were always looking for better ways to do things," he says. "They push you and encourage you to look for new ways to make diagnoses and treat problems."

Shock's first-ever invention came a couple of years after Duke when he was an eye resident at Walter Reed Medical Center in Washington, D.C. He designed a smaller, less expensive ultrasonic cataract surgery device than what was available.

"Over time the machines improved and larger companies became involved and my machine eventually became obsolete," he says. "But it was used by several posterior segment surgeons for many years."

Aspects of Shock's cataract innovation remain today in the newer devices such as the bent needle and the generation of the ultrasound waves using piezo electric crystals.

His advice for would be inventors who have a "real" day job? "Do it for fun and relaxation and do not expect big financial awards. It is very exciting to create something that has never existed."

Shock and his wife Nancy live in Little Rock, Ark. They have two grown children, Jeff and Brad.

—Jim Rogalski

'Imperfect' Poetry: McMahon Finds New Meaning through Writing



McMahon in the Havasu Creek during a hike of the Grand Canyon. The Grand Canyon has served as inspiration for several of his poems.
© Rosanne Olson 2008

Postcard from North Dakota

Pearl light washes ceiling and floor. Dawn hush then tentative birdsong. Last night's lightning stuttered like bad neon as the gods rolled strikes and spares in the dark northeast of here.

This prairie wind's invisible on postcards — but swirls the knee-high grass of June, plows furrows in the lake and shoves them shoreward, flounces the skirts of the firs, turns

cottonwood leaves into fluttering semaphores. Notice, on this postcard, how the poplars all lean east?

Take that deep slow breath. Listen as the prairie breathes. Then blows your hat off.

—*The Seattle Review* (1999)

Read more of McMahon's poetry at medalum.duke.edu.

Many doctors will admit to being perfectionists, and for a while **Ted McMahon, MD'72**, was no exception. But he says it took a few things outside of his profession, namely art and poetry, to make him view perfectionism and medicine in a different way.

During a trip to a museum in Paris, France, several years ago he came across an art exhibit by late 19th and early 20th century sculptor Auguste Rodin. McMahon says the realism of Rodin's art was inspiring.

"He wasn't following the ideas of that time," McMahon says of Rodin. "He was taking things that were common, ordinary and turning them into works of art.

"I started thinking about perfection and the overwhelming drive to have everything perfect and how difficult that is. I now try to appreciate things as they are."

A Seattle pediatrician who happens to love writing just as much as medicine, McMahon took that spark of inspiration from the Rodin exhibit and put pen to paper. The result: seven years' worth of poems that he later published in 2003 in his second book of poetry called, *The Uses of Imperfection*.

Most of the poems in the book explore the effect perfectionism had on McMahon growing up and then later as a physician. In addition to helping him deal with perfection on a personal level, he says poetry has made him more patient and understanding in his profession as well.

"Sometimes patients don't do things as you think they should be done," he says. "Poetry has made me more curious about each patient's back story. It has made me a lot more tolerant and compassionate of people."

One of his favorite poems, "Grapefruit," offers a snapshot of his grandfather through the eyes of a then six-year-old McMahon. He describes how early one morning he quietly watched his grandfather as he cut grapefruit for breakfast:

"He was tall. His hairless shins stuck out/below his bathrobe, down to leather slippers./The house was quiet, sun just up, ticking of the grandfather clock tall in the corner."

At the end of the poem McMahon contrasts that image with one of himself, older and the same age as his grandfather, but with no grandchildren of his own:

"I don't use cherries anymore./The clock is

digital/and no one is watching."

"Grapefruit" caught the attention of radio host Garrison Keillor, who featured the poem in 2006 on his program, *The Writer's Almanac*. McMahon jokingly admits he doesn't receive "a ton of fan mail" in response to his work, but the recognition from Keillor holds special meaning. "It meant a lot to me. He's a very thoughtful guy."

Other recognitions for McMahon's writing include the 1999 Carlin Aden Award from the Washington Poets Association and being named a 2005 finalist for the Ruth Stone Prize in Poetry. In 2004 Duke University School of Medicine invited him back to campus to lead a workshop during a poetry and medicine conference.

McMahon published his first book, a chapbook called *First Fire*, in 1996. He regularly submits poems to the *Journal of the American Medical Association*, and his poetry has also appeared in other medical journals and literary publications, including the *Seattle Review*, the *Archives of Pediatrics and Adolescent Medicine*, *Manzanita Quarterly*, and *Rosebud Magazine*.

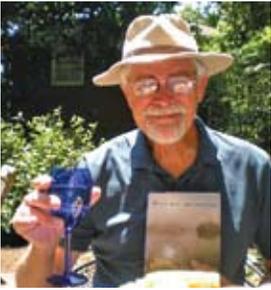
While some may think poetry and medicine are two very different fields of study, McMahon says they are very much aligned. "Writing is about paying attention to details," he says. "It's the same with medicine."

McMahon has practiced at Ballard Pediatric Clinic in Seattle for the past 22 years and today only sees patients three days a week, which gives him more time to devote to writing.

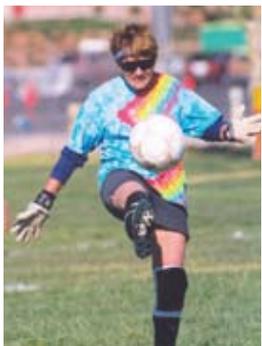
He recently applied for a grant from the National Endowment for the Arts, which he hopes will give him the chance to spend three months traveling and writing in the Grand Canyon and Ireland, two special places that have already served as inspiration for some of his poems. He has traveled to the Grand Canyon six times, and in 2001 he took a nine-day trip to Ireland.

McMahon's wife Rosanne Olson is a professional photographer, and like McMahon her work can also be found on bookshelves. She recently published *This is Who I Am: Our Beauty in All Shapes and Sizes*, a collection of photographs and essays on women and body image.

—Bernadette Gillis



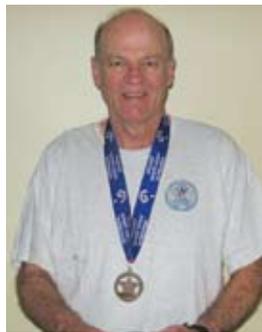
▲ **Eugene J. Harper, MD'67, HS'67-'68**, retired since 2001, completed a sailing adventure from Seattle to Alaska last summer aboard a 32-foot pilothouse sloop. He made the trip with his son Mark and his neighbor. The trio set sail on May 3 and arrived in Ketchikan, Alaska on June 3. They encountered spouting whales, diving seals, bald eagles, as well as 12-foot seas and strong headwinds. The anchorages where they spent many nights were pristine and well-protected. He says "the salmon run hadn't started so there were no bears walking the beaches in spite of us trying to chum them up by cooking bacon in the cockpit." He is posing in the photo with a favorite book, *Passage to Juneau* by Jonathan Rabin. He and his wife Marie live in Harrisonburg, Va.



▲ **Sandra M. Smith, MD'67, HS'67-'68, '71-'72**, won a gold medal in the Senior Olympics soccer tournament in which

she played goalie. In August she accompanied a group of Duke pre-med students on a clinical mission to Honduras. She also frequently volunteers at clinics in Mexico. She lives in Tucson, Ariz.

Lee C. Underwood III, MD'67, and his wife Pat are currently living apart due to Pat's work, but they plan to move to Williamsburg, Va., next year. Lee lives in Portage, Mich., while Pat lives in Beachwood, Ohio. She is an associate dean at the Francis Payne Bolton School of Nursing at Case Western Reserve University in Cleveland.



▲ **Thomas F. Henley, MD'68, HS'69-'73, DC-Century**, won bronze medals in the discus throw at the National Senior Games in the age 60-64 category in 2003, 2005, and 2007. His 2007 medal-winning throw was 147 feet, 11 inches. He served as president for Piedmont Healthcare for Women in 2006. Henley is an OB/GYN with Greensboro OB/GYN Associates in Greensboro, N.C. He and his wife Sandra have three children and live in Greensboro. Their granddaughter Jenna was born in March 2007.

David P. Henry, MD'68, has been retired since 1999 and

spends half the year—from spring to fall—in Pine Knoll Shores, N.C., and winters in Indianapolis, Ind., where he still spends half a day teaching at the Indiana School of Medicine.

Joe L. Simpson, T'64, MD'68, DC, was elected president of the Preimplantation Genetic Diagnosis International Society for the 2007-09 term. He also is the 2007-09 president of the American College of Medical Genetics. He currently is the executive associate dean for academic affairs at Florida International University College of Medicine in Miami, where he oversees the curriculum, research, and faculty affairs. Simpson is the recipient of a 2006 Distinguished Alumnus Award from the Duke Medical Alumni Association. He and his wife Sandra have two sons, **Reid, T'08**, and **Scott**, and live in Miami.

C. Stephen Foster, T'65, MD'69, received a lifetime achievement award from the American Academy of Ophthalmology. After 30 years of practicing hospital-based academic ophthalmology, he created a unique private institution, combining patient care, basic and clinical research, and fellowship training in ocular immunology. The 25-person institution located in Cambridge, Mass., has 13,000 patient visits a year and receives funding from two National Institutes of Health grants and six industry grants. Foster's wife Frances is a nurse practitioner and co-owner and vice president of the Massachusetts Eye Research and Surgery Institution. The couple

lives in Weston, Mass.

Harold B. Kernodle, Jr., MD'69, reports that his daughter **Carey Anders, HS'02-'08**, gave birth to Chloe Elizabeth Anders on Aug. 6, 2008. Carey recently completed an oncology fellowship at Duke and is currently an assistant professor of medical oncology at UNC. Kernodle and **Gijsbertus van Staveren, MD, HS'82-'85**, are still co-owners of a sailboat in the Mediterranean. Read about their journeys at ghazure.com.

C. Bruce Malone III, MD'69, of Austin, Texas, is ending his term on the board of trustees for the 43,000-member Texas Medical Association. He served as the board's chair for two years. He is now president of TMF Health Quality Institute's board of trustees and continues to practice orthopedic surgery full time. He and **Libby, WC'66**, welcomed their first grandchild on July 29, 2008 in Sydney, Australia.

1970s

Walter L. Miller, MD'70, DC, and his colleagues' discovery of a new form of congenital adrenal hyperplasia, P450 oxidoreductase deficiency, has been recognized with named lectureships at the University of North Carolina, University of Pittsburgh, and Boston Children's Hospital. Miller is chief of endocrinology and professor of pediatrics at the University of California, San Francisco. He and his wife Synthia live in San Francisco. Their daughter **Samantha** received a master's degree from Columbia and works for an environmental

policy consulting firm in Washington, D.C.

Robert B. Waterbor, MD'70, PhD'72, currently serves as chief of the medical staff of Eisenhower Medical Center in Rancho Mirage, Calif. He also is commissioner for the Health Commission for the city of Rancho Mirage and was elected a fellow in the American College of Physicians.



▲ **D. Craig Brater, T'67, MD'71, HS'70-'71, DC**, has been awarded an Honorary Doctor of Science Degree from Purdue University. He is dean and the Walter J. Daly Professor at Indiana School of Medicine and serves as vice president for Indiana University, with responsibilities for life sciences. He is widely recognized as a leader in academic medicine and clinical pharmacology. He joined the Indiana University School of Medicine faculty in 1986 as a professor and director of the Division of Clinical Pharmacology. He and his wife Stephanie and their daughter Aimee are actively involved in the Indiana University-Moi University faculty exchange program in Kenya. They live in Indianapolis.

George H. Durham II, MD'73, recently was chosen to represent the senior section of the Utah Chapter of the American

Academy of Pediatrics on the chapter's state executive committee. His wife, **The Honorable Christine M. Durham, L'71**, serves on the executive committee of the Duke University Board of Trustees. The couple lives in Salt Lake City.

Charles K. Scherer, MD'73, has had to scale back his geriatrics private practice following an airplane accident in 2007 in which his small plane experienced engine failure, made a hard landing and flipped. Scherer suffered a broken spine at L3, L4, and L5, as well as a broken calcaneus. He says his wife Susan has been a tremendous asset in his recovery. The couple lives in Delray Beach, Fla.



▲ **David B. Jarrett, MD'72**, was elected an alternate delegate for the state of Georgia to the 2008 Democratic National Convention in Denver, Colo. During the first several days of the convention he went to breakfasts and caucuses to discuss issues of health care, Social Security, and Medicare, and heard speeches from former President Jimmy Carter, Howard Dean and James Roosevelt, Jr. (FDR's grandson.), among others. Jarrett says it was particularly moving when Sen. Ted Kennedy and Sen. Hillary Clinton gave their speeches. The most exciting

moment by far, Jarrett says, was being just 15 rows in front of the podium at Invesco Field when Sen. Barack Obama formally accepted the party's nomination for the presidency. "What a great experience and what a sense of being a part of history," he says. Jarrett is a psychiatrist and medical director of Jarrett and Associates DM & ADR Clinic in Athens, Ga. He and his wife Patricia have two sons, Paul and Sean.

Joanne A. P. Wilson, MD'73, was named the recipient of the 2008 Outstanding Women in Science Award from the American Gastroenterological Association. She also received a Student National Medical Association Trailblazers Award. Wilson is professor of medicine in the Division of Gastroenterology at Duke. She and her husband Kenneth live in Chapel Hill and have three children. Nora is a fourth year medical student at Duke on leave as a Rotary Ambassadorial Scholar working in Mali with Save the Children. Sarah is a lab manager at the Durham VA Medical Center, and **Court, T'04**, is a web design and database consultant.



▲ **Leonard A. Zwelling, T'69, MD'73, DC**, has been selected as one of eight Robert Wood Johnson Health Policy Fellows and is spending a year in Washington, D.C. The fellowship is a unique residency program for mid-career medical professionals who will participate in the national health policy process, working closely with key legislative committees and leaders. After orientation the fellows become working members of congressional offices, developing legislative proposals, arranging hearings, briefing legislators, and staffing House-Senate conferences. Zwelling is a professor of medicine and pharmacology at The University of Texas M.D. Anderson Cancer Center. Zwelling and his wife **Eugenie Kleinerman Zwelling, MD'75, HS'75, DC**, live in Bellaire, Texas. They have three children, **Richard, T'03**, Andrew; and Craig, a Duke sophomore.

Jared N. Schwartz, MD'74, PhD'75, HS'73-'77, DC-Century, the director of pathology at the Presbyterian Pathology Group in Charlotte, has been president of the College of American Pathologists since 2005. He and his wife Diane live in Charlotte.

John B. Fortune, T'72, MD'75, HS'75-'77, currently is interim chair of the Department of Surgery at State University of New York (SUNY) Upstate Medical University. He is also founder and president of Sim* Vivo, LLC, a company that develops, assembles, and sells medical education simulation products. He and wife Janellen live in Syracuse, N.Y., and have two children. Books, 19, attends Colorado College in Colorado Springs, and Neely, 17, is in high school.

Jerome Paulson, MD'75, has been appointed medical director for national and global affairs at the Child Health Advocacy Institute at Children's National Medical Center in Washington, D.C. Paulson will continue his role as a co-director of the Mid-Atlantic Center for Children's Health and the Environment—one of 10 pediatric environmental health specialty units in the U.S. He and his wife Gwen live in Alexandria, Va.

Edward C. Geehr, MD'76, has been named executive vice president of operations for Abraxis BioSciences, Inc., a global biochemistry company based in Los Angeles. In this newly created position Geehr will be responsible for commercial, manufacturing, and marketing operations. He has extensive experience as a founder, manager, and board member of companies in the fields of medical devices, health services, and technology. He also was associate professor of medicine and surgery at the University of California-San Francisco, and

chief of emergency medicine at San Francisco General Hospital. He lives in Newport Beach, Calif.

Thom A. Mayer, MD'77, DC-Century, received the 2008 James Hamilton Book of the Year Award from the American College of Healthcare Executives for his book, *Leadership for Smooth Patient Flow*. He and his wife Maureen live in Great Falls, Va. Their son Josh is a second-year law student at Duke, and their son Kevin is a senior on the Duke lacrosse team.

Dale E. Bredesen, MD'78, DC, is professor and founding president of the Buck Institute for Age Research in Novato, Calif. He says it is the nation's only independent research institute devoted to aging and age-related diseases and was designated a national center of excellence by the NIH in 2004—just five years after its opening. Bredesen and his wife Aida live in Novato.

Marianne Jackson, WC'72, G'74, MD'78, DC, is pursuing a master's degree in public health in health policy and management with a focus on health care quality at UNC. She lives in Chapel Hill. Her son Erik Anderson is a junior at Duke majoring in Chinese and is pre-med. He spent a year in Kunming, China, conducting drug rehabilitation outcomes research.

Linda H. Perangelo, MD'78, DC, has been retired from allergy private practice since 2005, and now is teaching physical diagnosis at Saba University School of Medicine,

on the small island of Saba in the Caribbean, where she and her husband Henry live.

Robert C. Shepard, MD'78, is vice president of PRA International, a global clinical research organization based in Raleigh that currently is conducting trials in more than 60 countries. He says he "is still looking quixotically for a cure for cancer — any cancer." He adds that his career went from basic to translational to clinical research and now focuses on drug development. He and his second wife Vera Prado Shepard live in Raleigh. His son Aaron is in his first year at Columbia Law School.

Pamela R. Wood MD'78, DC, has spent the past 25 years as a faculty member in the Department of Pediatrics at the University of Texas Health Science Center in San Antonio. Her husband, **John, T'74, MD'78, DC**, practices family medicine at Wesley Primary Care Center, a clinic for underserved patients. Their son Charles is a fourth-year medical student at UT Southwestern in Dallas. Their daughter Margaret is a second-year medical student there as well. She spent July 2008 working in Lesotho with the Baylor Pediatric AIDS Program.

1980s

David N. Howell, T'76, MD'80, PhD'82, HS'84-'87, DC, has been appointed president-elect of the Society for Ultrastructural Pathology. He is currently a professor of pathology at Duke.

Chalmers M. Nunn, Jr., T'76, MD'80, HS'80-'85, of Lynchburg, Va., served as the 2007 president of the American College of Physician Executives. His daughter Chelsea was married on July 27, 2008, in Shelburne, Vt.

Carnell Cooper, MD'82, practices at the Shock Trauma Center in Baltimore, Md. He also stays busy caring for his daughters: a 3-year old and 18-month-old twins.

Gina L. Michael, MD'82, HS'82-'85, has been named associate chief of staff for primary care at the St. Louis VA Medical Center. She and her husband Marc Wallis live in St. Louis.

Lawrence R. Wu, MD'82, HS'82-'85, A'87, of Cary, N.C., is researching reimbursement for e-visits as a part of his project with the North Carolina Medical Society Leadership College. His daughter Lindsey is applying to medical school for 2009.

Robert C. Harland, MD'83, HS'86-'92, the director of the Kidney and Pancreas Transplant Programs at the University of Chicago, was honored recently with a teaching award from the surgery house staff. He and his wife Christine, who works in television production, have a daughter Madison, 4, and live in Chicago. In his free time Robert unwinds by skiing, running, and biking.

Stephanie L. Wain, MD'83, HS'83-'86, the chair of the Department of Pathology and Laboratory Medicine at Griffin Hospital in Derby, Conn., is the Connecticut delegate

to the College of American Pathologists. She is co-founder of the Lower Naugatuck Valley Women's Health Initiative. She has written several grants, the largest and most successful of which was one from the Susan B. Komen Foundation to fund breast cancer coordination at Griffin Hospital, which led to the hospital's state-of-the-art breast cancer center 10 years ago. She is married to **Ruben Kier, MD'83, HS'83-'87**. They have two daughters—Melanie, a Yale junior, and Shelley, a student at George Washington University School of Law. They live in Orange, Conn.

Linda K. Matson, MD'84, an emergency room physician at Children's Hospital in Omaha, Neb., learned to scuba dive before a trip to Australia and now has logged 150 dives in the Caribbean, Great Barrier Reef, Hawaii, and Kenya. She and her husband Michael R. Howland have three children and five grandchildren. They live in Omaha.

James M. Small, PhD'83, MD'84, received a Lifetime Achievement Award from the College of American Pathologists at its annual meeting in September. He also was recognized for transplanting the college's See, Test, and Treat Program for women's health in underserved areas to a mission clinic in Juarez, Mexico. He has been a pathologist with The UniPath Group in Denver, Colo., since 1990. He and his wife Denise Bogie Small—the former assistant head nurse at the Duke University Hospital Burn Unit—celebrated the wedding of

their oldest daughter, Sarah, this summer. The Smalls also have two other daughters, Kathleen and Rebecca. They live in Englewood, Colo.



▲ **Roslyn 'Roz' Mannon, MD'85, HS'85-'90, DC**, and husband **Peter, MD, HS'83-'89, DC**, have been recruited to the University of Alabama at Birmingham (UAB). Roz has been named director of research for the Alabama Transplant Center and a professor in the Department of Nephrology. Peter has joined UAB as a professor in the Division of Gastroenterology and Hepatology. Roz previously was a leading physician-scientist at the National Institutes of Health. Prior to joining the NIH she was on faculty at Duke. Roz was the president of the Duke Medical Alumni Association for 2006-'07. They live in Birmingham.

Jonathan S. Silverstein, T'81, MD'85, now works at the University of Utah as an assistant professor specializing in PET/CT. After having developed five imaging centers in the Tampa Bay, Fla., area and then selling them to a major hospital chain, he and his wife Ruth purchased a second home in Park City, Utah. They recently decided to make Utah their permanent home, and moved their family there in June 2008

and "have not looked back since," writes Silverstein.

Claire L. Spain-Remy, MD'85, is now specialty medical director for Multicare Health System, a four-hospital system in Tacoma, Wash., with more than 340 employed providers. She and her husband Claude live in Lakewood, Wash.

Colonel Dean C. Taylor, MD'85, HS'87-'91, DC, is the head team physician for the Duke men's basketball team. He is also director of the Duke Sports Medicine Fellowship Program.

Jeffery M. Vance, MD'85, HS'85-'88, has been named chairman of the Dr. John T. MacDonald Foundation Department of Human Genetics at the Miller School of Medicine at the University of Miami. He also is director for genomic medicine at the Miami Institute for Human Genetics at the school. He and his wife Margaret live in Coral Gables, Fla. Their daughter **Danica, T'08**, recently graduated from Duke.

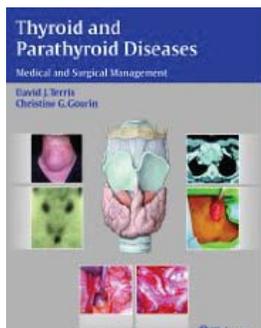
Tana Grady-Weliky, MD'86, DC, is serving as president of the Association of Women Psychiatrists through May 2009. She is an associate professor at the university of Rochester Medical Center in Rochester, N.Y. She and her husband Michael and their 1-year-old daughter live in Pittsford, N.Y.

Beth B. Belkin, N'78, MD'87, is a member of the executive board of the New York Council of the American Academy of Child and Adolescent Psychiatry. She is also a clinical assistant professor of psychia-

try at Weill Cornell Medical College. She and her husband **Robert, MD, HS'83-'86**, live in Scarsdale, N.Y., and have three children. Daniel is a second-year student at Weill Cornell Medical College, Sam is a senior at Tisch School of the Arts at New York University, and Molly is a sophomore at Duke.

Wilson Crone, T'82, MD'87, PhD, an assistant professor at Albany Medical College, received the Faculty Teaching Scholar Award from the Sosa Academy of Medical Sciences at Albany Medical College. He was presented with the award during commencement in May 2008. His wife **Donna, PhD'89**, is a clinical assistant professor at Rensselaer Polytechnic Institute in Troy, N.Y. Their two daughters, Cathy and Emily, attend Troy High School.

Susan M. Racine, T'82, MD'88, a hospital internist in Dorchester, Mass., spent four days in August working with a mobile medical clinic in Accra, Ghana. The clinic was jointly sponsored by the Foundation for Africa Relief and the Apostolic Church of Ghana. She and her husband Carl recently celebrated their 23rd anniversary. They have a son Joshua, 11, and live in West Roxbury, Mass.



▲ **David J. Terris, MD'88, DC**, chair of the Department of Otolaryngology-Head and Neck Surgery in the Medical College of Georgia School of Medicine in Augusta, has released his second book, *Thyroid and Parathyroid Diseases: Medical and Surgical Management*. Released by medical publishing leader Thieme Inc., the book is a reference on the care of patients with thyroid and parathyroid diseases and includes insights from experts on the subjects. He and his wife **Martha, MD, HS'86-'88, DC**, have two sons—Trevor, a Duke freshman, and Garrett—and live in Martinez, Ga.

Conrad L. Flick, MD'89, is chairman of the Department of Medicine at Duke Health Raleigh Hospital, and chairman of the American Academy of Family Physicians' Commission on Governmental Advocacy. His wife Anita is a professor of biology at North Carolina State University and director of the Pre-Health Advisory Center. They have two children—Allyse, 17; and Austin, 14—and live in Cary.

1990s

Mark F. Miller, MD'90, HS'90-'93, is president of Kernodle Clinic in Burlington, N.C., and

director of cardiopulmonary rehab for Alamance County. He and his wife **Lisa, E'88**, live in Elon College, N.C., and have four children: Andrew, 18; Matt, 16; Meredith, 14; and Megan, 10.

Robin G. Witkin, MD'90, a pediatrician in Silver Springs, Md., reports that her practice moved to a new suite with ample room after being in the same location for 22 years. She and her husband of 18 years, Scott, have three children: Rachel, 15; Alex, 12; and Steven, 9. The family enjoys swimming and hiking. They recently hiked more than 20 miles in Bug Sur, Calif.

Lisa Ann Maier, MD'91, HS'91-'94, currently serves as associate professor and head of the Division of Environmental and Occupational Health Sciences at National Jewish Health in Denver, Colo. Outside of medicine she enjoys ballet, hiking, skiing, and traveling. She and her husband, **Shawn P. Zinnen, PhD'94**, have two children: Gianna, 10, and Kylee, 6.

Christopher J. Stille, MD'91, is now in his ninth year as a faculty member at University of Massachusetts. He is an associate professor of general practice. He writes, "My job is a nice blend of primary patient care, health services research, and quality improvement research." His wife Sheila, MD, is an assistant professor of family medicine and director of the dental residency program at UMass. The couple lives in Shrewsbury, Mass., with their children Peter, 11, and Meghan, 9.

Carlos S. Ince, Jr., MD'92, has been named president of the Association of Black Cardiologists, Inc., an organization dedicated to eliminating health care disparities in the African-American community and improving the health care of all individuals. Ince is a physician with Mid-Atlantic Cardiovascular Associates in Baltimore, Md. He and his wife Tammy have three children—Alyssa, 10; Cody, 7; and Ashley, 2. In February 2007 the couple lost their oldest child, Alexis, 11, after a brief illness. The family lives in Reisterstown.

Hiranya A. Rajasinghe, MD'92, DC, was named to the Executive Council of Florida Vascular Society. He was also named a top doctor by *Gulfshore Life* magazine. He lives in Naples, Fla.

Jeremy N. Rich, MD'93, HS'97-'98, has moved to Cleveland after 11 years at Duke as a fellow and associate professor studying the role of cancer stem cells in brain tumor biology. He now is chair of the Department of Stem Cell Biology and Regenerative Medicine at Cleveland Clinic.

Christopher P. Piller, MD'94, and his wife Kathy welcomed their first child, Sophie Clare, on May 27, 2008. They live in Rome, Ga.

Susan Moran-Arangio, MD'95, left academic medicine at Massachusetts General Hospital a year ago to pursue a career in biotechnology. She now is medical director of pharmacovigilance at Genzyme Corporation in

Cambridge, Mass. She and husband Christian have four children—Nicholas, 7; twins Caroline and Ellie, 5; and Lily, 3—and live in Winchester.

Todd S. Barry, MD'95, PhD'95, has joined the medical staff of Clariant Inc., a medical testing service for pathologists, oncologists, and the pharmaceutical industry based in Aliso Viejo, Calif. Most recently he was the director of molecular pathology and hematopathology for six years at PhenoPath Laboratories, PLLC, a national reference laboratory located in Seattle. Barry earned his bachelor's degree in biology from UNC-Chapel Hill, and his medical degree and PhD in immunology at Duke.

Steven M. Kent, T'91, MD'95, completed his military service after 11 years at Walter Reed Army Medical Center. He now is a partner at Pinehurst Medical Clinic in Pinehurst, N.C. His wife **Karin, T'91, MD**, practices pediatrics. They have two sons, Mitchell, 6, and Thomas, 4.

Ravi N. Samy, T'91, MD'95, is director of both the adult cochlear implant program and the neurotology fellowship program at the University of Cincinnati. He and his wife Carrie welcomed twin girls, Gabrielle and Emma, on July 7, 2008.

Anjali S. Advani, MD'96, HS'02, an assistant professor of hematology oncology at the Cleveland Clinic Foundation in Cleveland, Ohio, is co-principal investigator for a national acute lymphocytic leukemia trial.

Jeffrey R. Cusumari, MD'96, an orthopedic surgeon in

Birmingham, Ala., received subspecialty training in sports medicine. He and his wife Tamara welcomed a son, Zachary Liam, on July 9, 2008. They also have a two-year-old son, Benjamin Ian.

Kristi W. Durgin, MD'98, DC, and her husband, **Harry, E'92, MD'96, DC,** completed the Ironman Arizona Triathlon in 2007. She took a break from triathlon training in the fall while she awaited the birth of their fourth child in November 2008. The Durgins live in Meridian, Miss., with their children Isabella, 7; Ava, 5; and Harry III, 3.

Joanne J. Lager, MD'98, HS'02-'04, DC, works in cancer drug development at GlaxoSmithKline and recently was named the acting head of clinical development for a drug discovery unit focusing on tumor metabolism. Her husband **Patrick, PhD'06, MD'08, B'08,** works for LabCorp. They have a three-year-old son, Jack.



Wendy M. White, MD'97, HS'99-'03, will be leaving private practice soon to begin a maternal-fetal medicine fellowship at the Mayo Clinic in July 2009. After completing a residency and fellowship at the Mayo Clinic, her husband **Jim Onigkeit, MD'03,** began a staff position in anesthesiology and critical care medicine. They live in Rochester, Minn., with their three children, Jonathan, 5; Lauren, 3; Nicholas, 1; and two dogs and one fish.

Ashvin Pande, MD'99, has joined the Cardiovascular Division at Caritas St. Elizabeth's Medical Center in Boston, Mass., as an attending physician in interventional cardiology and vascular medicine. He also is director of the Structural Heart Disease Program. He and his wife Reena welcomed daughter Sonia last November. She joins brother Nikhil, 5. The family lives in Brookline.

▲ **Carolyn Simpkins, MD'99,** is now working for the British Medical Journal Publishing Group as the U.S. business development manager. She

will work to develop new partnerships in the U.S. and Canada with a focus on using electronic tools to expand evidence-based medicine implementation. She and her husband **John, L'99,** have a son Jonah, 3, and live in Daniel Island, S.C.

2000s

Deverick J. Anderson, MD'01, HS'01-'06, and his wife Ann welcomed their first son, Henry John Anderson, on Aug. 27, 2008. The family lives in Chapel Hill.

George A. Manousos, MD'01, HS'02-'05, and **Erica Berger, MD, HS'01-'04,** were married last year, and in June welcomed daughter Eva. George is a pediatric hospitalist with Levine Children's Hospital in Charlotte. Erica is a physician with University Pediatrics in Charlotte, where the family lives. She has taken her husband's name.

Quinton V. Cancel, MD'02, HS'02-'08, has joined the staff at Cookeville Regional Medical Center in Cookeville, Tenn., as a urologic surgeon with Upper Cumberland Urology Associates. He has an interest in penile prosthesis for the treatment of severe erectile dysfunction. He and his wife Kristea live in Cookeville.

Ranya N. Sweis, MD'02, and her husband Mark Faasse welcomed a daughter, Carolyn Hope Faasse, on Aug. 25, 2008. The family lives in Chicago.

Sonali P. Kulkarni, T'00, MD'04, moved to Los Angeles in June 2008 to start the

Robert Wood Johnson Clinical Scholars Program at the University of California, Los Angeles. She writes she is "loving the opportunity to explore health services research."

Manisha Patel, T'99, MD'04, has been selected to participate in the Pediatric Cardiology Fellowship Program of the Children's Healthcare of Atlanta Sibley Heart Center and Emory University School of Medicine in Atlanta. The program offers training that prepares fellows to provide leading-edge therapies to children throughout the country. Fellows rotate through all disciplines of pediatric cardiology, including catheterization, echocardiography, electrophysiology, clinical services, and intensive care cardiology. Training lasts 36 months and includes 12 months of clinical, translational, or basic science research.

Aaron P. Leshner, MD'06, and his wife Diem-Thu welcomed a daughter, Ann, on Aug. 20, 2008. Their son, Campbell is 2. The family lives in Charleston, S.C.

Lauren S. Livingston, MD'06, and **Keri Beth Livingston, T'02,** welcomed a son, Ezra Cope Livingston, on June 8, 2008. The family lives in Asheville, N.C.

Sarita U. Patil, MD'06, is about to start a fellowship in allergy and immunology at Massachusetts General Hospital in Boston.

Adam J. Zucker, MD'06, married Westyn Branch-Elliman, MD, in August. The two—both 28—met at Mount Sinai

Medical Center in Manhattan, where they currently are third-year residents in internal medicine. The bride received her medical degree from Northwestern. The couple lives in New York City.

Laura A. Downey, T'03, MD'08, is an intern at the University of Washington and will begin a residency in anesthesiology at Stanford University in July. She lives in Seattle.

David C. Hostler, MD'08, MPH, reports that his wife Kim is on her second overseas deployment, this time to Afghanistan. He lives in Kailua, Hawaii.

Anna P. Lillis, MD'08, PhD'08, and her husband Milan welcomed a baby boy, Milan Joseph on July 14, weighing 8 pounds, 3 ounces. Anna is currently an internal medicine intern at Caritas St. Elizabeth's Medical Center in Boston. In 2009 she will begin a radiology residency at Brigham and Women's Hospital. She and her family live in Cambridge, Mass.

To conserve resources, *DukeMed Alumni News* runs only death notices. Full obituaries can be found on the Medical Alumni Association web site at medalum.duke.edu. Please click on the magazine cover, then click on obituaries.

- Raymond D. Adams, MD'37, HS'36-'38**, Chestnut Hill, Mass., Oct. 18
- Page A. W. Anderson, MD'64-'65, '70-'73**, Durham, Nov. 8
- Albert M Attyah, MD, HS'48-'49**, Los Angeles, Oct. 24
- Walter R. Benson, T'42, MD'44, HS'44-'45, '52-'54**, Tamaqua, Pa., Dec. 10
- John R. Blake Jr., MD'50**, Auburn, Calif., Nov. 3
- Charles W. Fairfax II, MD, HS'57-'59**, New Bedford, Mass., Dec. 9
- Forest J. Funk, Jr., MD, HS'48-'49**, Atlanta, Dec. 6
- Gloria Lee Grimes Cochran, WC'45, MD'49**, Norman, Okla., Oct. 7
- Gene S. Gordon, MD'72, HS'72-'75**, Houston, Oct. 25
- Earl Haltiwanger, Jr., MD'51, HS'51-'57, DC**, Atlanta, Oct. 11
- Frederick M. Hanson, MD'45, HS'45-'46**, Danville, Calif., Dec. 27
- Julius N. "Buddy" Hicks, T'49, MD'53**, Birmingham, Ala., Jan. 5
- Bernard C. Holland, Jr. MD, HS'52**, Atlanta, Dec. 4
- William B. Jones, T'45, MD'52**, Mountain Brook, Ala., Sept. 3
- Paul C. Kemmerly, MD, HS'61**, Nashville, Tenn., Dec. 21
- Thomas C. Kenaston, Jr., T'50, MD'54**, Rockledge, Fla., Oct. 1
- Johannes A. Kylstra, MD**, former Duke faculty, Corpus Christi, Texas, Dec. 16
- Arnold M. Kwart, MD'68**, Washington, D.C., Nov. 4
- Lowell R. King, MD**, Duke's first full-time pediatric urologist, Oct. 26, Albuquerque, N.M
- Albert Dominic "Bert" Loro, Jr., MD**, Duke psychology faculty, Durham, Oct. 30
- Frank H. McGregor, Jr., T'59, G'63, MD'65**, Oakland, Calif., Jan. 9, 2009
- Henry D. McIntosh, MD, HS'50-'51, '53-'55**, Lakeland, Fla., Dec. 26
- J. Alexander McMahon, T'42**, chair of the Duke University Board of Trustees and emeritus faculty member, Durham, Oct. 30
- Charles E. Mengel, MD, HS'58-'59, '61-'62**, Overland Park, Kans., Oct. 11
- John B. Nowlin, T'55, MD'59**, Powhatan, Va. Jan. 8, 2009
- Harry B. O'Rear, MD, HS'46-'49**, Waynesville, N.C., Oct. 30
- Keith L. Parker, MD**, renowned Duke researcher, Dallas, Dec. 13
- Kenneth A. Podger, T'37, MD'41**, Durham, March 2008.
- Theodore B. Schwartz, MD, HS'48-'50**, Skokie, Ill., Oct. 17
- Cristina Stemmler, MD, HS'74-'77**, Houston, Oct. 25
- Howard K. Thompson, MD, HS'58-'61**, East Greenbush, N.Y., Nov. 8
- Robert G. Thompson, MD'46, HS'49-'50**, Iva., S.C., Oct. 12
- Wade S. Weems, T'58, MD'62**, Linville, N.C., Dec. 14
- Harold L. Williams, T'47, MD'51**, Newport News, Va., Oct. 27
- Alexander "Sandy" Woods, MD, HS'53-'58**, Tucson, Ariz., Feb. 15, 2008

HOUSE STAFF NOTES

1940s

Robert H. Hutchinson, MD, HS'41, has retired from the U.S. Air Force as a brigadier general. He is a clinical professor of orthopedic surgery at the University of Texas Health Science Center at San Antonio. He and his wife Louise established an endowment for research in orthopedic surgery at Duke. They live in San Antonio.

Irving Young, MD, HS'46-'47, says his daughter Nancy recently was appointed chair of the Department of Pathology and Lab Medicine at the Albert Einstein Medical Center of Philadelphia—the same position from which he retired in

1987. He and his wife Geraldine live in Elkins Park, Pa.

1950s

John Laszlo, MD, HS'59, is a consultant for a biotech company that he says "is doing exciting work" on electroporation for effecting DNA vaccines. The company is conducting trials for HIV and malignant melanoma. He and his wife Patricia have four children and four grandchildren. They live in Atlanta, Ga.

1960s

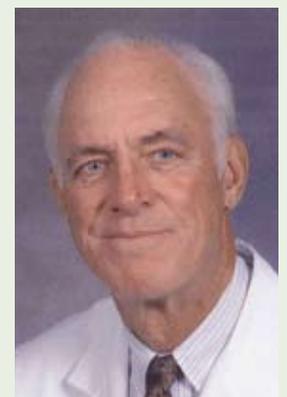
Martin J. Kreshon, Sr., MD, HS'57-'60, DC Century, retired in April from Charlotte EENT Associates. He has established

a \$200,000 fund for melanoma awareness and research for treatment of malignant melanoma. It is in honor of his first wife Yolanda "Jerri" Kreshon. He and his current wife Marguerite live in Charlotte. He has a total of eight children, 18 grandchildren, and five great-grandchildren.

William S. Tunner, MD, HS'60-'61, retired in 2007 after spending 35 years in pediatric and adult urology in Richmond, Va. He also was cofounder of the Virginia Urology Center. He, his wife of 43 years, Sallie, and their horses and dogs moved to a new farm in Charlottesville. They have two sons, Billy and

Jonathan, and two grandchildren, Will and Celia.

Harold R. Silberman, MD, HS'56-'58, '60-'62, retired, continues to teach physical diagnosis, and is a preceptor for interns and first- and second-year residents at the Durham VA Medical Center. He also serves as an appeals expert for Wellpath Insurance Co. Silberman and his wife Audrey, who live in Durham, celebrated the birth of their first great-grandchild, a girl named Charley, on November 1, 2007.



▲ **Charles E. Harrison, Jr., MD, HS'63-'64**, has joined The Multiple Sclerosis Center of Atlanta (MSCA), a non-profit health center dedicated to the diagnosis, treatment and support of people living with multiple sclerosis. His role is to provide patients with general

medical care, including long-term primary and preventive care that complements the neurological care that MSCA provides. He and his wife Betty live in Atlanta.

Samuel R. Lathan, Jr., MD, HS'63-'64, retired since 2006, now works part time for the Multiple Sclerosis Center of Atlanta. "It's a wonderful job!" he writes. He recently received the Montague Boyd Award for the third time for medical writing from Piedmont Hospital. His paper, "Treadmill Testing in the Office" won Best Clinical Review. Lathan also takes history courses at Georgia Tech and is actively involved with the Cashiers Historical Society in Cashiers, N.C. He plans to help organize a symposium on mountain music for the historical society in 2009. He and his wife Millie live in Atlanta and have three children and three grandchildren.

Joel R. Temple, MD, HS'60-'61, '63-'64, an allergist in Dover, Del., recently became a great-grandfather.

Dale P. Armstrong, MD, HS'62-'65, is an adjunct associate professor of surgery in the plastic surgery department at the University of Utah in Salt Lake City. He and his wife Margaret live in Park City.

William D. Bradford, MD, HS'65-'66, DC, was elected to the Duke chapter of Alpha Omega Alpha in 2008. He also received a lifetime achievement award from the YMCA of the Triangle and was appointed to the organization's board of trustees in 2008. In 2007 he was appointed vice-chair of

the Duke Executive Committee for Medical School Admissions.

Charles Johnson, MD, HS'65, '66-'67, received the Howard University College of Medicine Distinguished Service Award during the National Medical Association's annual meeting in Atlanta, Ga., in July 2008. He also was honored by the Durham Committee on the Affairs of Black People during the organization's 73rd annual banquet in Durham in August 2008. Johnson retired in 1996 but currently serves as interim medical director for the Central Regional Hospital in Butner, N.C. He and his wife Carol live in Durham.

James D. Eggers, MD, HS'67-'68, was recognized in 2007 as Volunteer Physician of the Year by Community Health, a volunteer clinic for the uninsured on the West Side of Chicago. He and wife Joan live in Glenview, Ill., and have six children and seven grandchildren. Their youngest daughter, **Kathryn, F'07**, received a master's degree in environmental science from Duke.

John J. Gleysteen, MD, HS'67-'68, retired in July from the surgical faculty at the University of Alabama-Birmingham. His short-term plans include travel to Addis Ababa, Ethiopia for surgical medical mission work. He lives in Birmingham.

Sarah D. Blumenschein, MD, HS'66-'69, is an associate professor of pediatrics at UT Southwestern Medical Center, Children's Medical Center in Dallas, Texas. She and her husband George live in Arlington

and have three grandsons and two granddaughters.

Robert L. Carolla, MD, HS'68-'69, semi-retired since August 2008, is medical director of the Hulston Cancer Center in Springfield, Mo.

George P. Henderson, Jr., MD, HS'66-'69, has been retired since 2003 but still works one day a week as an otolaryngology, head and neck surgery consultant at the VA Hospital in Fayetteville, N.C. He and his wife Norma have three daughters and six grandchildren, and live in Southern Pines, N.C.

Joseph C. Parker, Jr., MD, HS'68-'69, was named Clinical Scientist of the Year for 2008 by the Association of Clinical Scientists. He also received the Favorite Faculty Award by the University of Louisville School of Medicine pathology residents. Parker is a professor of pathology and director of the pathology residence program. He and his wife Patricia live in Louisville, Ky. They have two children and two grandchildren.

1970s

Frank H. Anderson, MD, HS'70-'71, closed his neurology private practice in December 2007 in Chevy Chase, Md., and accepted the position of chief of the Neurology Consult Service at the Clinical Center at the National Institutes of Health in Bethesda. He and his wife Constance live in Washington, D.C.

James H. Herlong, MD, HS'67-'71, of Columbia, S.C., serves on the Palmetto Health Baptist Hospital board. He is also a board member for the Palmetto Health Alliance,

which is made up of three hospital systems. His wife Jane died in December 2007 from recurrent breast cancer. He has two daughters and four grandchildren who live nearby in Columbia.

Kenneth E. Wood, MD, HS'70-'72, has joined Lake Norman Regional Medical Center as a spine specialist. He has opened the Lake Norman Spine Center in Mooresville. He and his wife Rhonda have three children—Michael, David, and Stacy—and live in Mooresville.

David R. Brown, MD, HS'71-'73, retired since 2005, is a part-time research consultant for Beth Israel Medical Center. He also is a volunteer mediator in special civil court in Essex County, N.J. He and his wife Mindy, a social worker, have two children. Seth, an associate professor at Notre Dame University, is married with two children. Eli is a film producer and editor in Brooklyn, N.Y.

David J. Steinbauer, MD, HS'70-'73, a retired otologist, recently completed a six week, 13,000 mile road trip with his 18-year-old son. They traveled from their home in Grottoes, Va., to the northern Yukon in Canada, touring historic sites from the Pacific Coast back to Virginia.

Richard E. Black, MD, HS'74-'76, served as the 2007-2008 president of the Pacific Association of Pediatric Surgeons. He and his wife Katherine live in Salt Lake City, Utah. They have seven children and 12 grandchildren.

John S. O'Shea, MD, HS'70-'74, has been retired since

2000 but is keeping active as a volunteer for promoting children's injury prevention and health insurance coverage for the Georgia chapter of the American Academy of Pediatrics. He was the chapter president from 2006-'07. He and his wife Clara live in Atlanta.

Lynn A. Hughes, MD, HS'71-'75, has written a book, *Lame Science and Blind Religion: Bridging the gap between science and religion*. He says writing the book, which will be published in December 2008, gave him a chance to tie together his master's in theology with his medical degree. He practices at the Northeast Ear, Nose, & Throat Center in Concord, N.C., and lives in Huntersville, N.C.

Calvin R. Peters, MD, HS'72-'75, recently was appointed professor of surgery at the University of Central Florida College of Medicine in Orlando. Peters is medical director and president of the Center for Plastic and Reconstructive Surgery in Orlando. In August he was joined in the practice by his son Kendall. Calvin was the 2003 president of the Duke Medical Alumni Association. He and his wife Pamela, L'78, live in Orlando.

Thomas M. Bashore, MD, HS'75-'77, has been promoted to vice chief for clinical operations and education in the Division of Cardiology at Duke. He previously spent 12 years as director of the Cardiology Fellowship Training Program. He and his wife Jill have three children. **Todd, T'94**, a full-time jazz musician in New York City, lives in Plainsboro, N.J.,

and has two children. Tiffany lives in Durham and has one child. Blake lives in San Diego.

A. D. Gouliamos, MD, HS'76-'77, will be congress president at the Sept. 2009 European Society of Neuroradiology Annual Meeting in Athens, Greece. He is a radiologist with Aretaieion University Hospital in Athens, where he and his wife Despina live.

Harold E. Shaw, Jr., MD, HS'74-'77, received a 2008 Secretariat Award from the American Academy of Ophthalmology. The award recognizes special contributions to the academy and ophthalmology. He and his wife Minor live in Greenville, S.C.

Ervin M. Thompson, MD, HS'73-'77, resumed his position in October as medical director and chief of psychiatry at Carolinas Medical Center in Charlotte after spending nearly two years in private practice in Hilton Head, S.C. Thompson says "the allure of resort life and outpatient private practice proved misleading, and I was fortunate to be asked to return." His wife Toni is resuming her educational therapy practice in Charlotte. They have two children—son Dane is a freshman at N.C. State studying architecture; and daughter Erin is a social worker and program development trainer in Boston.

Robert A. Wilson, MD, HS'74-'77, is chairman of the Greenville County Commission for Technical Education (Area Commission), which is responsible for the development and operation of Greenville

Technical Community College in South Carolina. He is also chairman of the Sargent Foundation and is a member of the board of trustees for Bob Jones University. He and his wife Teresa have two sons, Robert, 17, and David Jay, 11. The family lives in Greenville.

Russel E. Kaufman, MD, HS'73-'78, has received the American Cancer Society Cancer Control Award from the American Cancer Society, Southeast Region. The award celebrates the spirit of volunteerism and recognizes key American Cancer Society volunteers whose work advances cancer research, patient care, and advocacy. Kaufman is president and CEO of The Wistar Institute, an independent non-profit biomedical research center in Philadelphia that is a National Cancer Institute-designated cancer center.

Michael D. Schneider, MD, HS'76-'78, relocated in 2007 to Great Britain from Baylor College of Medicine in Houston, Texas. He is head of cardiovascular science for the National Heart and Lung Institute at Imperial College in London. Recently he was named the British Heart Foundation Simon Marks Professor of Regenerative Cardiology. He directs Imperial's British Heart Foundation Centre for Research Excellence and is the recipient of an Advanced Investigator Grant from the European Research Council.

Ronald E. Woosley, MD, HS'72-'78, is currently an employee of St. John Health System and a member of a six-person neurosurgical group at St. John Neurosurgical Institute in Tulsa, Okla. He and his wife Carol live in Tulsa and have six children and eight grandchildren.

William F. Terry MD, HS'74-'79, reports that his wife Jo recently retired as executive director of the Community Coalition on Family Violence. They live in Knoxville, Tenn., and have three daughters. Laura will soon complete a PhD in cell biology at Vanderbilt; Elizabeth is a fourth-grade teacher; and Julia recently graduated from Vanderbilt.

1980s

Jeffrey L. Mathews, MD, HS'78-'81, has received a physicians recognition award yearly since 1983. He is president of the Arthritis Clinic of Central Utah and is a clinical faculty member in the Department of Family Medicine at the University of Utah School of Medicine. He and his wife Amy raise horses on their mountain farm in American Fork, Utah. They have nine children and 18 grandchildren.

Henry J. Horacek, Jr., MD, HS'82, has written a book, *Brainstorms: Treating the Emotional Storms of ADHD from Childhood to Adulthood*. A specialist in attention deficit hyperactivity disorder and other neurological disorders, Horacek has invented a drug called Clonixel, which he expects to receive FDA approval soon. He also is part owner

of Addrenex Pharmaceuticals in Durham. He and his wife Debbie live in Mint Hill, N.C., with their children, Joseph, 17; Christopher, 15; and Emily, 14.



▲ **Ulrich Mennen, MD, HS'83**, a private practice hand surgeon and professor and head of Medical University of South Africa in Pretoria, South Africa, was elected in March 2007 as president of the International Federation of Societies for Surgery of the Hand (IFSSH). He has been an executive committee member of the South African Society for Surgery of the Hand for 23 years, as well as its past president. He and his wife Johanna live in Pretoria.

Peter J. Mannon, MD, HS'83-'86, '87-'89, DC, joined the University of Alabama at Birmingham Division of Gastroenterology and Hepatology as a professor in August 2008. He previously worked at the National Institutes of Health (NIH), where he created a clinical program in inflammatory bowel disease. Prior to joining the NIH, he was a faculty member at Duke.

Judd W. Moul, MD, HS'88-'89, helped facilitate the opening of the new Duke Prostate Center Clinic. He also was featured recently on the "NBC Evening News" to discuss the PSA screening controversy with anchor Brian Williams. Moul is professor and chief of Duke's Division of Urologic Surgery.

Kathleen M. Seibel, MD, HS'86-'89, a consulting associate with Duke University Medical Center, has become board certified in psychosomatic medicine. She lives in Grimesland, N.C.

1990s

Angelo Colosimo, MD, HS'84-'90, is the team physician for the University of Cincinnati Bearcats, the Cincinnati Bengals, and 18 high schools. He and his wife Mindy Osborne live in Villa Hills, Ky., and have four children, Joseph, Michael, Nicolas, and Sophia.

Andrew J. Kaplan, MD, HS'87-'90, married Mary Kaplan in June 2008 and has two new adopted children ages 5 and 1. The family lives in Phoenix, Ariz.

Catherine A. McHugh, MD, HS'87-'90, and her husband, **Louis R. Jacobson, MD, HS'88-'91**, opened a pediatric practice in Sparta, N.J., in 2004, and recently they had to move into a larger space. Their oldest child, Matthew Jacobson, is a sophomore at Duke majoring in computer science and math.

Joseph T. Beck, MD, HS'88-'91, a physician with Highlands Oncology Group, PA, in Fayetteville, Ariz., has recently

founded a community cancer center in Northwest Arkansas. He and his wife Melanie have three children—Jacob, 19; Anne Marie, 16; and Maddie, 13—and live in Fayetteville.

Robert S. DiPaola, MD, HS'88-'91, has been named director of the Cancer Institute of New Jersey in New Brunswick. He is a noted researcher in the areas of prostate, bladder, and kidney cancer. His current work focuses on targeting cancer cell proteins that resist chemotherapy, and cell metabolism in an effort to starve cancer cells of nutrition. He and his wife Marcie live in Long Valley, N.J.

Alexander D. Babich, MD, PhD, HS'88-'92, reports that his wife Sarah Hanly received her second PhD in psychology from the University of Missouri-St. Louis. Their son, Stefan, is a high school senior, and their son, Luke, is a freshman in high school. The family lives in St. Louis, Mo.

Eugenia H. Pritchett, MD, HS'90-'92, this fall will begin a six-month service with Doctors Without Borders. She does not yet know where she'll be going. In addition to her geriatric practice in Englewood, Colo., she volunteered for medical service work after Hurricane Katrina and also served in the Republic of Niger with Medical Teams International. She and her husband **Ballard, B'92**, have two sons and live in Englewood.

Marcel Van Den Brink, MD, HS'91-'93, was appointed in March as head of the Division

of Hematologic Oncology at Memorial Sloan-Kettering Cancer Center in New York City. His wife Lia Palomba is a physician-scientist at Sloan-Kettering specializing in lymphoma. They have two sons, Alessandro, 12, and Lucas, 6, and live in New York City.

Gregory P. Fontana, MD, HS'84-'93, is vice chairman of surgery at Cedars-Sinai Medical Center. He also is principal investigator for a clinical trial on transcatheter aortic valve replacement and a medical consultant for a TV program, *The Doctors*. His wife Jeannie, MD, PhD, a stem cell expert, serves on a committee to oversee California's \$3 billion budget for stem cell research. They live in Los Angeles with their three children: Conrad, 17; Christina, 16; and Antonio, 6.

Lewis H. Hogge, Jr., MD, HS'90-'93, a physician specializing in anesthesiology, has been named medical director of perioperative services at Greater Baltimore Medical Center (GBMC). He will oversee daily operations of the operating suites at one of the busiest surgical hospitals in Maryland. Hogge has been on GBMC's medical staff for 16 years. As a member of the newly formed Perioperative Services Executive Committee, his responsibilities will include developing policies and procedures for operating rooms, participating in strategic planning and capital budgeting for surgical services, and working to increase patient volume. He and his wife Dene have two children—Lindsey

and Stephanie—and live in Baltimore.

Kathleen A. Riley, MD, HS'90-'93, stays busy with her practice and Rotary and United Way commitments. She and her husband Mark Reed live in Asheboro, N.C. with their two daughters, McKenna, 12, and Kyla, 9.

Y. Ralph Chu, MD, HS'93-'96, currently is working on purchasing and remodeling an ambulatory surgery center. He and his wife Jodi have a three-year-old daughter, Chloe. They live in Bloomington, Minn.

Ira G. Early, MD, HS'94-'96, the medical director of Upstate OCC Med in Spartanburg, S.C., has been selected by the U.S. Departments of Energy and Labor as a toxicologist to review cases of former Department of Energy workers for potential occupational illnesses. He is one of 100 toxicologists nationwide reviewing cases, and says "it is a way to remember and assist those workers who helped the U.S. win the nuclear weapons war." He lives in Spartanburg.

Steven E. Hearne, MD, HS'92-'96, and his wife Kathleen have seven children—one adopted from Korea and two adopted from Russia. The family lives in Salisbury, Md.

David I. Klumpar, MD, HS'90-'96, founded a successful dermatology practice that now has four providers and 20 staff members. He lives in Pinehurst, N.C., with his wife. They have a child who is in the eighth grade.

Kieren A. Marr, MD, HS'93-'96, recently accepted the position of director of the Johns Hopkins Transplant and Oncology Infectious Disease Program. She has two children—Avery, 3; and Lillian, 1—and lives in Baltimore.

Chyke A. Doubeni, MD, HS'95-'98, received a mentored career development award. He currently is an assistant professor at the University of Massachusetts. He and his wife **Anna, MD, HS'95-current**, live in Worcester, Mass., with their children, Tare, 16; Ebimene, 13; and Preye, 4.

Hartmuth Bittner, MD, HS'91-'99, is a full professor of cardiac surgery and thoracic organ transplantation at Leipzig Heart Center in Germany.

2000s

Garrett W. Scales, Jr., MD, HS'97-'00, is an anesthesiologist and member of the Board of Directors of Capital Anesthesiology Association in Austin, Texas. He and his wife Mischa, PhD, have two daughters—Janaye, 6; and Ellen, 1—and live in Austin.

Jitendra I. Vasandani, MD, HS'98-'00, is president of the West Texas Rheumatology Association. He has two sons and lives in Lubbock, Texas.

Pierre DeMatos, MD, HS'94-'01, and his wife **Monica, MSN'01**, welcomed their third child in April. Andrew joins brothers Adam and Alexander. Pierre is a surgeon with Regional Surgical Specialists in

Asheville, N.C. The family lives in Arden, N.C.

Danya E. Lewis, MD, HS'00-'01, a hospitalist at Blanchard Valley Regional Hospital in Findlay, Ohio, and director of medicine at Pathways Counseling, became board certified in May by the American Board of Psychiatry and Neurology. He lives in Findlay.

Keri L. Livingstone, MD, HS'97-'01, was married to **Gary Kleiner, HS'00-'01**, in March 2008. Though they both trained at Duke, they did not meet until later in Miami. She has a solo practice in Miami Shores, Fla. The couple is expecting their first child in February 2009.

Jonathan J. Halford, T'90, MD, HS'97-'99, '00-'02, has helped develop a level four comprehensive epilepsy program at the Medical University of South Carolina in Charleston. He and his wife **Heather, MSN'00**, live in Mount Pleasant, S.C., with their two children, Benjamin, 4, and Charlotte, 2.

Karen M. Kiang, MD, HS'98-'02, recently completed a mission with Médecins Sans Frontières (MSF) in China where she worked on a seven-month HIV/AIDS project. She and her partner Tim Fricke live in Australia and are expecting a baby in March. After the baby is born Kiang says the family will be ready to take on their "next international adventure."

Shazia H. Choudry, MD, HS'99-'03, and Ansuddin Hasan, MD, of Chambersburg, Pa., welcomed a son, Amir, to their family recently. They also have a three-year-old son named Adam.

Michael D. Edwards, MD, HS'02-'03, and his wife Hayley welcomed their son Reid in August 2007. Michael is a radiologist with Pinehurst Radiology Associates in Pinehurst, N.C. where the family lives.

Katherine Lobello, HS'00-'03, of Pottstown, Pa., has worked with Wyeth Pharmaceuticals since 2007. She currently serves as associate director of global medical affairs. She and her husband Michael have a son, Alex, 5, and were expecting a daughter in December 2008.

Shetal Shah, MD, HS'00-'03, has been named a recipient of the American Medical Association Foundation's 2008 Outstanding Leader of Medicine Award. He received one of the 14 awards in the early-career physician category. Recipients were selected based on their outstanding non-clinical leadership skills in advocacy, community service, public

health, and/or education. Shah is assistant professor of neonatal medicine at Stony Brook University Medical Center in Stony Brook, N.Y. He lives in Great Neck, N.Y.

Ruth Y. Peng, MD, HS'99-'04, has joined the Department of Pathology at Mercy Medical Center in Baltimore, Md. She earned her medical degree at the Albert Einstein College of Medicine of Yeshiva University in New York City, and completed a cytopathology fellowship at the UCLA David Geffen School of Medicine.

Andrew R. Wiksten, MD, HS'01-'04, was named vice president of Anesthesia Associates of Topeka in 2007. He and his wife Veronica live in Topeka, Kans., with their three children: Anna, 7; Olivia, 6; and Sophia, 3.

Robbie D. Buechler, HS'01-'05, is chairman of a local community hospital in Spartanburg, S.C., where he lives. He and his wife Jennifer, a psychologist, have two children, Luke and Savannah.

John Delmonte Jr., MD, HS'02-'05, a hematologist/oncologist, has joined the medical staff at The Hospital of Central Connecticut in Southington, Ct. He is also director of cancer research at the hospital's George Bray Cancer Center.

William C. Corey, DO, HS'06, has entered his second year of private practice as an interventional radiologist and diagnostic radiologist for Coastal Radiology Associates PLLC, which serves communities in New Bern, Jacksonville,

and Morehead City, N.C. He and his wife of four years, Sarah, live in New Bern with their children, William, 2, and Caroline Grace, 1.

Moahad Dar, MD, HS'03-'06, joined East Carolina University's Brody School of Medicine in Greenville, N.C., as an assistant professor in the endocrine division in December 2007. He and wife Saira have two children: Haroon, 9, and Noor, 6.



▲ **Manesh R. Patel, MD, HS'97-'01, '02-'06**, a Duke assistant professor of cardiology, led a group that wrote a new set of guidelines designed to aid physicians in deciding whether revascularization through bypass surgery or angioplasty is the best option for heart patients. The new guidelines are designed to improve consistency in choosing surgery or angioplasty over medication and therapy to treat heart blockages. Currently more than 1 million Americans receive angioplasties and another 500,000 receive the more invasive bypass surgery. The guidelines employ doctor's observations of patients' symptoms, results of tests and imaging scans, medical evidence, benefits and risks,



resource use, and costs to assign patients a score between 1 and 9. High scores are most appropriate for surgical intervention, lower scores are not recommended for surgery, and middle scores require further evaluation. Patel served as chair of the Coronary Revascularization Writing Group, and the guidelines were published in the *Journal of the American College of Cardiology* in January.

William L. Corbett, MD, HS'04-'07, has taken a position as anesthesiologist with Capital Anesthesiology Association in Austin, Texas. He and his wife Alexa live in Austin.

Zeina Kanafani, MD, HS'04-'07, was appointed hospital epidemiologist at the American University of Beirut Medical Center in Lebanon in December 2007.

William T. McClellan, MD, HS'06-'07, presented research at the 2008 American Society of Aesthetic Plastic Surgery annual meeting in San Diego. He and his wife Sarah live in Morgantown, W.Va., with their two children, Tommy, 5, and Andrew, 2.

▲ **Christian B. Ramers, MD, HS'03-'07**, is pursuing an MPH degree in the University of Washington's Department of Global Health. He and his wife Lauren welcomed their second child—Charlotte—in April. She joins brother Diego, 3. The family lives in Seattle.

Laura L. Fitzpatrick, T'97, MD, HS'02-'08, has joined the Department of Medicine/Endocrinology at Doylestown Hospital in Doylestown, Pa., in association with McGrath, Gkonos, and Rosenberg, PC. She earned her medical degree at UNC-Chapel Hill and completed an internship in internal medicine and a residency and fellowship in endocrinology at Duke. She is certified in internal medicine and endocrinology, diabetes, and metabolism by the American Board of Internal Medicine.

Angela M. Meyer, MD, HS'02-'08, has joined Asheville Gastroenterology Associates in Asheville, N.C. She provides general gastroenterology care with a special interest in inflammatory bowel disease.

2008 Reunion Honor Roll

'58 | '63 | '68 | '73 | '78 | '83 | '88 | '93 | '98 | '03

A resounding **thank you** to all 2008 Reunion alumni who participated in the reunion gift program!

All told, **314** Duke medical alumni came to Durham to celebrate Medical Alumni Weekend. Reunion classes raised \$563,637 in unrestricted funds for the Duke Medical Annual Fund/Davison Club. This exceeds the goal by 25 percent. Reuniting classes had an overall participation rate of 42 percent in the Medical Annual Fund/Davison Club.

A total of **143** members of reuniting classes joined the Davison Club in honor of their reunion, exceeding the goal of 120.

Total Duke Medicine support from the 2008 Reunion classes is **\$1,078,557**



Half Century Club

Half Century Club Chair : Robert M. "Crusty" Rosemond, MD

1938

Dr. Margaret Virginia Burns

1941

Dr. Stanley Karansky
Dr. Frank Rambo Mann, Jr.
Dr. Lloyd F. Timberlake
Dr. James McKnight Timmons

1942

Dr. Clarence C. Butler +
Dr. John Robert Clark, Jr. DC
Dr. Joseph Henry Cutchin, Jr.
Dr. Herbert D. Kerman DL
Dr. Charles Edward Kernodle, Jr.
Dr. William R. Nesbitt, Jr.
Dr. W. Conrad Stone Estate +

1943

Dr. Donald G. Bard, Jr.
Dr. Clyde Owens Brindley +
Dr. Matthew Hill Grimmett
Dr. Anthony V. Keese
Dr. Francis H. McCullough, Jr. DC
Dr. Jane Herring Wooten DL

1944

Dr. Robert L. Baeder
Dr. Horace Mitchell Baker, Jr.
Dr. Walter R. Benson + DC
Dr. Wilton G. Fritz DCC
Dr. Marvin M. Gibson DCC
Dr. Francis W. Hare, Jr.
Dr. George Wallace Kernodle, Sr.
Dr. George W. Liles DC
Dr. Victor A. Politano
Dr. Bernard L. Rhodes, Jr. + DCC
Dr. Otho B. Ross, Jr.

1945

Dr. Adolphus William Dunn, Jr. DC
Dr. Willis Holland Hodges, Jr.
Dr. Ullin W. Leavell, Jr.
Dr. John P. McGovern +
Dr. A. Ziegler McPherson
Dr. Oscar McLendon Mims
Dr. William B. Schwartz

1946

Dr. James G. Bassett
Dr. Virginia R. Bryan
Dr. Robert Edwin Crompton DC
Dr. Frank W. Davis, Jr.
Dr. Elaine G. Fichter DC
Dr. James B. Golden DC
Dr. David S. Hubbell
Dr. Robert L. Pinck

1947

Dr. Ralph Woodward Coonrad
Dr. William A. Lambeth, Jr.
Dr. Loren V. Miller
Dr. Henry H. Nicholson, Jr.
Dr. William Watkins Pryor DC
Dr. William W. Thompson
Dr. Robert C. Welsh
Dr. William P. Wilson
Dr. Richard N. Wrenn DCC

1948

Dr. Warren J. Collins DC
Dr. Ross Bache Cone
Dr. Louis G. Harris
Dr. W. Thomas Jay, Jr. + DC
Dr. Eugene J. Linberg DC
Dr. Robert F. Lorenzen
Dr. Jack G. Robbins
Dr. Hugh Key Sealy, Jr.
Dr. Robert J. Sheridan +
Dr. Robert M. Sinskey
Dr. George Edward Staehle + DC

1949

Dr. Robert Shields Abernathy
Dr. Rosalind S. Abernathy
Dr. Kenneth E. Ambrose
Dr. John Powell Anderson DC/DCC
Dr. Wayne E. Davis DL
Dr. Benjamin H. Flowe
Dr. William D. Furst
Dr. Suydam Osterhout
Dr. Earl Norman Solon
Dr. John W. Wilson, Jr.

1950

Dr. Wilma Jeanne C. Diner
Dr. Norman H. Garrett, Jr. DC
Dr. Rufus R. Hambright DC
Dr. Edward Lee Hamilton

The 2008 Reunion Honor Roll recognizes members of the 2008 DukeMed reunion classes who have generously supported Duke University Medical Center and the Medical Annual Fund/Davison Club from July 1, 2007 to October 31, 2008. We have made every possible effort to ensure the accuracy of these lists, but please contact James O'Brien at 919-667-2527 or james.obrien@duke.edu should you detect an error or omission.

DC- Davison Club Member DCC- Davison Century Club Member DL- Davison Lifetime Club Member + Deceased

HONOR ROLL

Dr. Mervyn Ray Hamlin DL
 Dr. Daniel Atlee Mairs
 Dr. Dean McCandless DC
 Dr. Henry D. Messer DC
 Dr. H. Victor Murdaugh, Jr. DL
 Dr. Simmons Isler Patrick DC
 Dr. William J. Perry
 Dr. William Dennis Rippy
 Dr. Philip E. Russell DC
 Dr. John L. Vogel
 Dr. Charles David Williams, Jr.

1951

Dr. Paul Huie Cook DC
 Dr. Earl Haltiwanger, Jr. + DC
 Dr. Laurena B. Japenga
 Dr. David Armistead Lockhart
 Dr. Joanne Elizabeth Mertz
 Dr. Charles D. Pruett
 Dr. Evelyn D. Schmidt
 Dr. J. Graham Smith, Jr. DC
 Dr. James E. Welch DC
 Dr. Thaddeus B. Wester

1952

Dr. Marshal Edward Agner
 Dr. Joe Jackson Bethany, Jr. DC
 Dr. Richard M. Bowles DC
 Dr. Spencer Brewer, Jr. DC
 Dr. Robert Edward Chambers DC
 Dr. Berryman E. Coggeshall, Jr.
 Dr. Joseph Durham Corpening
 Dr. Noble J. David DC
 Dr. Ruth Kimmelstiel Freinkel DC
 Dr. James Phillip Hartley
 Dr. Frank B. Magill
 Dr. Gerard Marder
 Dr. D. Parker Moore, Jr. DC/DCC
 Dr. Max V. Skeen
 Dr. Donald Eugene Warren DC
 Dr. Henry Livingston Wright, Jr.

1953 (55th)

Class Chairs: Robert M. "Crusty"
 Rosemond, MD
 Melvin "Blitz" Berlin, MD
 Gift Participation: 83%
 Davison Club & Medical Annual
 Fund Support: \$22,822
 Total DUMC Support: \$310,470
 Total Davison Club, Davison
 Century Club, and Davison
 Lifetime Members: 15

Dr. James Michael Bacos DL/DCC
 Dr. Bruce L. Baer DC
 Dr. Melvin Berlin
 Dr. Stuart Osborne Bondurant, Jr. DC
 Dr. Richard Winstead Borden
 Dr. Gerald Don Nelson Bryant, Jr. DC
 Dr. Lubin Fletcher Bullard, Jr.
 Dr. John W. Caffey, Jr. DC
 Dr. Ernest W. Chick
 Dr. J. Raymond Chittum
 Dr. William G. Cobey
 Dr. Dorothy Casto Cody
 Dr. Charles M. Earley, Jr. +
 Dr. Eugene M. Evans, Jr. DC
 Dr. William C. Evans, Jr.
 Dr. John Lewis Fishel DC
 Dr. John F. Flanagan
 Dr. Ross L. Fogleman, Jr. DC
 Dr. Laurens N. Garlington
 Dr. James Francis Glenn DC
 Dr. Julius N. Hicks + DC
 Dr. Charles Harlan Hillman
 Dr. Charles Keck
 Dr. Alfred H. Kent DC
 Dr. Donald Reid Kernodle
 Dr. Harold C. Lane
 Dr. Paul Alexander Mabe, Jr.
 Dr. Edward B. Mabry
 Dr. Hugh Munroe McArn, Jr.
 Dr. Irwin H. McNeely
 Dr. Rudy K. Meiselman DC
 Dr. Franklin Chalmers Niblock, Jr.
 Dr. George R. Parkerson, Jr. DC/DCC
 Dr. John Kent Pearson
 Dr. Ellison C. Pierce, Jr.
 Dr. Lawrence W. Pollard, Jr.
 Dr. Richard Brandon Rankin, Jr.
 Dr. Robert Malone Rosemond DC
 Dr. Samuel Ott Sager DC
 Dr. Delford L. Stickel
 Dr. Eldora H. Terrell
 Dr. Thomas Eugene Terrell
 Dr. Tom Alford Vestal
 Dr. Francis Edward Winslow, Jr.
 Dr. Anne Roof Yobs

1954

Dr. Jerome E. Adamson DC
 Dr. Robert Miller Arthur
 Dr. John C. Ayers, Jr.
 Dr. John M. Brewer DC
 Dr. Charles Lee Brock
 Dr. Charles Edward Buckley III DC
 Dr. Henry James Carr, Jr. DC
 Dr. James F. Elliott, Sr. DC
 Dr. Kenneth G. Gould, Jr. DCC
 Dr. I. Stanton Hudmon
 Dr. Charles A. James
 Colonel William B. Jones
 Dr. Huitt E. Mattox, Jr.
 Dr. Thomas E. Morgan, Jr.
 Dr. James F. O'Neill DC
 Dr. Si Alexander Past, Jr.
 Dr. George H. Pierson, Jr. DC
 Dr. Henry Pinsker DC
 Dr. George Brook Skipworth DC
 Dr. D. Reid Tickle
 Dr. John V. Verner DC
 Dr. Sidney H. Wanzer
 Dr. Robert B. Yudell DC

1955

Dr. Gerald Alexander
 Dr. Margaret H. Arky + DC
 Dr. Norman H. Bell DC
 Dr. Lawrence Michael Blum
 Dr. Michel Bourgeois-Gavardin
 Dr. David Harold Carver
 Dr. David E. Cowan DC
 Dr. Thomas Harold Crowder, Jr. DC
 Dr. Horace B. Cupp, Jr. DCC
 Dr. Robert G. Deyton, Jr. DC/DCC
 Dr. John Ashley Goree
 Dr. Gordon H. Ira, Jr. DC
 Dr. Allen Nathaniel Jelks, Sr. DC
 Dr. Robert E. Kinneman, Jr.
 Dr. Harold Pons Lipton
 Dr. E. Reid McAuley, Jr.
 Dr. David C. Mitchell
 Dr. Beverly Carver Morgan
 Dr. Amos Townsend Pagter, Jr. DC
 Dr. Donald E. Saunders, Jr.
 Dr. Donald Silver
 Dr. John B. Sledge, Jr.
 Dr. Thomas Byron Thames DCC
 Dr. Eugene O. Wiggs
 Dr. Buna Joe Wilder DC
 Dr. Dana S. Williams
 Dr. James Morningstar Young +

1956

Dr. Dewey Lockwood Barton
 Dr. Gordon D. Benson DC
 Dr. Edward B. Brown
 Dr. W. Andrew Dickinson, Jr.
 Dr. Laurie L. Dozier, Jr.
 Dr. James F. Easterling
 Dr. Robert M. Failing
 Dr. Lucy Rawlings Freedy DC
 Dr. H. Lee Griffin, Jr. DL
 Dr. Jerome A. Grunt
 Dr. Alan M. Hollett
 Dr. Peter Hutchin DC
 Dr. James Robert Jackson
 Dr. Joseph H. Jackson, Jr. DC
 Dr. Horace S. Kent DC
 Dr. Eugene Leslie Komrad
 Dr. David Edmond Miller DC
 Dr. Henry Curtis Mostellar, Jr.
 Dr. Bruce Newell
 Dr. Sidney Olansky +
 Dr. Adhemar W. Renuart
 Dr. Joseph Walter Shands, Jr.
 Dr. C. Norman Shealy DC
 Dr. Carroll Clifton Shoemaker +
 Dr. Richard A. Steele + DCC
 Dr. James J. Townsend
 Dr. John C. Turner
 Dr. Thomas D. Vance DC
 Dr. Alan D. Whanger
 Dr. Harry A. Whitaker, Jr.
 Dr. George D. Wilbanks DC
 Dr. Charles A. Wilkinson

1957

Dr. Billy F. Andrews DC
 Dr. George Edgar Bacon DC
 Dr. Lamuel E. Barnhill, Jr.
 Dr. Richard F. Bedell
 Dr. L. Thompson Bowles DC
 Dr. Stanley J. Cannon
 Dr. James Burns Creighton, Jr. DCC
 Dr. Thomas L. Dulin DC
 Dr. Thomas David Elder
 Dr. Robert N. Ellington DC
 Dr. Thomas Dudley
 Boggess Fennell
 Dr. James S. Hall, Jr.
 Dr. Eugene L. Harley DC
 Dr. David Bennett Hill
 Dr. R. Rodney Howell DC
 Dr. Ralph M. Howse
 Dr. L. Ronald Hurst DC

Dr. W. Scott James, Jr. DC/DCC
 Dr. Stephen B. Karpman
 Dr. William R. Lewis DC
 Dr. Angus G. McInnis, Jr.
 Dr. Robert G. Moseley
 Dr. Samuel E. Myrick, Jr.
 Dr. Samuel I. O'Mansky
 Dr. Boris L. O'Mansky
 Dr. Shirley K. Osterhout
 Dr. William E. Painter DC
 Dr. Constantine G. Pantelakos
 Dr. Roman L. Patrick, Jr. DC
 Dr. George Pepper
 Dr. Henry Thomas Perkins, Jr. DCC
 Dr. Robert L. Poston
 Dr. William Ivan Procter DC
 Dr. James S. Redmond, Jr. DC
 Dr. Nathan A. Ridgeway, Jr.
 Dr. Richard L. Rogers
 Dr. Ralph E. Roughton
 Dr. Clyde Vernon Sanders, Jr.
 Dr. Harold Paul Schulz, Jr.
 Dr. Melvin J. Schwartz
 Dr. Hugh M. Shingleton
 Dr. Whitman E. Smith, Jr.
 Dr. Alan Solomon DCC
 Dr. Angelo P. Spoto, Jr. DC
 Dr. Robert W. Taylor
 Dr. Lois H. Watts
 Dr. Edward Bernard Weiss
 Dr. Dorothy L. Woods
 Dr. Henry A. Yancey, Jr.
 Dr. Karl A. Zener

Dr. John Steed Evans
 Dr. Joseph Francis Fraumeni, Jr. DC
 Dr. John J. Furth
 Dr. Gould C. Garcia
 Dr. David Enrique Garcia-Trias DC
 Dr. Donald Goldberg DC
 Dr. Barry C. Harris DC
 Dr. M. Wayne Heine
 Dr. T. Rudolph Howell DC
 Dr. Philip T. Howerton DC
 Dr. James C. Hurlburt
 Dr. Billy Ernest Jones
 Dr. David R. Jones
 Dr. Thomas A. Kirkland DC
 Dr. John E. Lee DC
 Dr. James M. Lee DC
 Dr. Dean Towle Mason DC
 Dr. Clayton H. McCracken, Jr.
 Dr. Calvin H. Mitchell DC/DL
 Dr. Irwin Bernard Moore
 Dr. George H. Porter III
 Dr. Virginia P. Porter
 Dr. Charles E. Rackley DC
 Dr. Hal Judd Rollins, Jr.
 Dr. William M. Satterwhite, Jr. DC
 Dr. Charles P. Scheil DC
 Dr. Robert J. Shofer DC
 Dr. Douglas F. Smiley
 Dr. Hunter G. Strader, Jr.
 Dr. Norman Alan Thorne DC
 Dr. Donald H. Tucker DC/DCC
 Dr. Charles E. Warner DC
 Dr. Floyd L. Wergeland, Jr. DC
 Dr. James T. Williams

Dr. John B. Emery, Jr.
 Dr. Mark L. Entman DC
 Dr. James B. Farrell
 Dr. Andrew J. Gabor DC
 Dr. Joel S. Glaser DC
 Dr. William R. Goldston DC
 Dr. Thomas P. Graham DC
 Dr. George R. Grant, Jr.
 Dr. Nancy R. Haslett DC
 Dr. Chester C. Haworth, Jr.
 Dr. Warren F. Holland, Jr.
 Dr. Lewis B. Holmes
 Dr. William M. Hull, Jr. DC
 Dr. William R. Hutchinson IV DC/DL
 Dr. Barry Noel Hyman DC
 Dr. Pascal John Imperato
 Dr. A. Everette James, Jr. DC
 Dr. Charles M. James DC
 Dr. Jerry L. Jones
 Dr. Paul W. Jones
 Dr. Peter Ogden Kohler DC
 Dr. Arnold Kramer
 Dr. Edward Lloyd Lewis, Jr.
 Dr. Donald T. Lucey DC
 Dr. Charles R. Martin
 Dr. Angus M. McBryde, Jr.
 Dr. William O. McMillan, Jr. DC
 Dr. John S. Poindexter III
 Dr. Norman J. Robinson
 Dr. Henry F. Safrit
 Dr. Frank K. Sewell, Jr.
 Dr. Stephen J. Shimm
 Dr. Karl J. Stumpf
 Dr. Owen B. Tabor
 Dr. Waller L. Taylor, Jr.
 Dr. Randall B. Vanderbeek DC

Dr. Michael J. Arons
 Dr. John P. Atkinson
 Dr. Stephen B. Baylin
 Dr. Gayle H. Bickers
 Dr. Peter W. Bickers
 Dr. Martin J. Brickman DC
 Dr. Gerald Chotiner DC
 Dr. Joseph W. Cook, Jr. DC
 Dr. Richard E. Damiano DC
 Dr. M. Julian Duttera, Jr. DC
 Dr. Carl S. L. Eisenberg
 Dr. Frederick J. Elsas DC
 Dr. Robert J. Emslie DC
 Dr. William H. Fee, Jr.
 Dr. Lois T. Flaherty
 Dr. David M. Goodner
 Dr. Richard L. Green DC
 Dr. Thomas F. Henley DC/DCC
 Dr. Forney Hutchinson III DC
 Dr. Frank Kern
 Dr. Rebecca Trent Kirkland
 Dr. Ted R. Kunstling DC
 Dr. Arnold M. Kwart + DC
 Dr. Bertram Joseph Levy
 Dr. Roger J. Porter DC
 Dr. Terence N. Reisman DC
 Dr. Ronald P. Seningen
 Dr. Geoffrey K. Sherwood
 Dr. David N. Silvers DC
 Dr. Joe Leigh Simpson DC
 Dr. Joel J. Snider
 Dr. J. John Stasikowski
 Dr. Charles V. Taft
 Dr. Andrew T. Taylor, Jr.
 Dr. Thomas G. Thurston III
 Dr. John D. Utley
 Dr. Harlan I. Wald DC
 Dr. Stephen A. Wohlgenuth

1958 (50th)

Class Agent:
 Charles E. Warner, MD
 Class Chair:
 T. Rudolph Howell, MD
 Gift Participation: 65%
 Davison Club & Medical Annual
 Fund Support: \$104,471
 Total DUMC Support: \$196,487
 Total Davison Club, Davison
 Century Club, and Davison
 Lifetime Members: 24

Dr. E. Everett Anderson DC
 Dr. Luther E. Barnhardt, Jr. DC
 Dr. John H. Bell DC
 Dr. Robert J. Brandt DC
 Dr. William F. Bryant DC
 Dr. John N. Christie, Jr.

1963 (45th)

Class Agent:
 William R. Goldston, MD
 Reunion Chairs:
 A. Everette James, Jr., MD
 Communications Coordinator:
 James A. Carter, MD
 Gift Participation: 52%
 Davison Club & Medical Annual
 Fund Support: \$36,345
 Total DUMC Support: \$85,766
 Total Davison Club, Davison
 Century Club, and Davison
 Lifetime Members: 18

Dr. Thomas K. Carlton, Jr. DC
 Dr. James A. Carter
 Dr. Robert E. Cline DCC
 Dr. E. Stephen Edwards DC

1968 (40th)

Class Agent and Communications
 Coordinator:
 Ted R. Kunstling, MD
 Reunion Chair:
 Thomas F. Henley, MD
 Gift Participation: 49%
 Davison Club & Medical Annual
 Fund Support: \$86,202
 Total DUMC Support: \$91,652
 Total Davison Club, Davison
 Century Club, and Davison
 Lifetime Members: 17

Dr. Donald F. Mandetta
 Dr. Ann Crosson Abbas

1973 (35th)

Class Agents:
 Lawrence J. D'Angelo, MD
 Dale R. Shaw, MD
 Reunion Chair:
 Lawrence J. D'Angelo, MD
 Communications Coordinator:
 Joanne A.P. Wilson, MD
 Gift Participation: 34%
 Davison Club & Medical Annual
 Fund Support: \$64,625
 Total DUMC Support: \$69,906
 Total Davison Club, Davison
 Century Club, and Davison
 Lifetime Members: 16

Dr. Thomas Carroll Cole, Jr. DCC
 Dr. Martin James Conley, Jr.
 Dr. Craig M. Coulam
 Dr. Lawrence J. D'Angelo DC
 Dr. Jonathan Mark Ducore
 Dr. George Homer Durham II
 Dr. James W. Ellett DC
 Dr. Douglas R. Gnepp
 Dr. John William Hallett, Jr. DC
 Dr. William L. High, Jr. DCC
 Dr. Stephen Gregory Kahler
 Dr. Peter Douglas Lawrason
 Dr. Seth Hawksworth Lowell
 Dr. Ronald Vitt Maier DC
 Dr. Robert Schnoor McConaughy
 Dr. Douglas Anthony Medlin
 Dr. Joseph Matthew Miller, Jr.
 Dr. Jonathan Moss DC
 Dr. Glenn E. Newman + DCC
 Dr. Roger H. Ostdahl DCC
 Dr. Mitchell Charles Pilot
 Dr. Salvatore V. Pizzo DC
 Dr. Terry Milton Schroeder
 Dr. D. Michael Shasby
 Dr. Dale R. Shaw DC/DCC
 Dr. Clement Lawrence Slade DC
 Dr. Warren James Strittmatter DCC
 Dr. Chung-Shin Sung DC/DCC
 Dr. Donald C. Watson, Jr. DC
 Dr. Richard David Weiner
 Dr. Joanne A. P. Wilson
 Dr. Leonard A. Zwelling DC

1978 (30th)

Class Agents:
 Kurt D. Newman, MD
 Steven F. Roark, MD
 Matthew B. Stern, MD
 Reunion Chair:
 Kurt D. Newman, MD
 Communications Coordinator:
 Jonca C. Bull-Humphries, MD
 Gift Participation: 54%
 Davison Club & Medical Annual
 Fund Support: \$101,635
 Total DUMC Support : \$259,910
 Total Davison Club, Davison
 Century Club, and Davison
 Lifetime Members: 28

Dr. Stephen Edward Alpert
 Dr. David Alyono DC
 Dr. Jerry Stewart Apple DC
 Dr. Genie L. Bailey
 The Reverend William Reed Bell, Jr.
 Dr. Henry Harold Bible, Jr.
 Dr. Dale Eric Bredesen DC
 Dr. Garrett S. Bressler
 Dr. Samuel Joseph Buff
 Dr. Jonca Camille Bull-Humphries
 Dr. William Bernice Bunn III
 Dr. Philip Joseph Butera DC
 Dr. Robert McKinnon Califf DC
 Dr. William Robert Clarke
 Dr. Patrick Robert Conner DC
 Dr. Phyllis D. Cross DC
 Dr. James M. Douglas, Jr. DC
 Dr. Thaddeus L. Dunn DC
 Dr. David Ginsburg
 Dr. Joel Steven Goldberg
 Dr. Michael R. Gorman
 Dr. J. Douglas Graham III
 Dr. E. Wilson Griffin III DCC
 Dr. Jodelle S. Groeneveld
 Dr. Melissa Hamp
 Dr. Jeffrey B. Hanson
 Dr. Elizabeth Ann Harden DC
 Dr. Wayne Lee Harper DC
 Dr. G. Byron Hodge, Jr. DC/DCC
 Dr. Robert M. Hoffman
 Dr. Joseph P. Isley
 Dr. Marianne Jackson DC
 Dr. Robert Bruce Johnson DC
 Dr. Joan H. Kaestner
 Dr. Susan L. Kelley DC

Dr. Peggy Susan Lindsey
 Dr. Charles D. Lutin
 Dr. Mack H. Mabry
 Dr. Charles W. Mains DC
 Dr. Donald M. McIntosh II
 Dr. Kurt D. Newman DC
 Dr. Anton Peter Nielsen II
 Dr. Lauren I. O'Brien
 Dr. Linda H. Perangelo DC
 Dr. Marc L. Peters-Golden
 Dr. Charles W. Plummer
 Dr. Randall C. Rickard DC
 Dr. Steven F. Roark DC
 Dr. Celeste Robb-Nicholson
 Dr. Emmett Vance Schmidt
 Dr. Lyn Alice Sedwick DC
 Dr. Carlton C. Sexton
 Dr. Michael W. Shannon
 Dr. Douglas Paul Sherman
 Dr. Margaret Lynn Smiley
 Dr. Hanes M. Swingle DC
 Dr. Terry Taylor DC
 Dr. Lynn H. Thomas
 Dr. George Stackley Tyson, Jr.
 Dr. John Charles Wood DC
 Dr. Pamela Runge Wood DC
 Anonymous DC
 Anonymous DC

1983 (25th)

Class Agent and
 Communications Coordinator:
 Martin A. Morse, MD
 Reunion Chair:
 Etta D. Pisano, MD
 Gift Participation: 45%
 Davison Club & Medical Annual
 Fund Support: \$92,039
 Total DUMC Support: \$292,423
 Total Davison Club, Davison
 Century Club, and Davison
 Lifetime Members: 16

Dr. Joseph W. Baker DC
 Dr. Eric B. Bass
 Dr. Katherine M. Bass
 Dr. John Bernard Buse
 Dr. Wendell Decamp Butler
 Dr. Christian Theodore Campos DC
 Dr. Anne Teresa Carlon DC
 Dr. Huey Willy Chu
 Dr. Jan Neal Cools
 Dr. James M. Crawford

Dr. David Wayne Deaton
 Dr. Almond Jerkins Drake III
 Dr. Bruce M. Freedman DC
 Dr. Whitney James French
 Dr. Herbert Edgar Fuchs
 Dr. John A. Gallalee
 Dr. Herbert Jeffrey Glatt DC
 Dr. William L. Gottesman DC
 Dr. Gregory Grayson Hall
 Dr. Wesley Francis Hambricht DCC
 Dr. Stephen C. Hamilton
 Dr. John Rutherford Handy, Jr.
 Dr. William Andrew
 Hazel, Jr. DC/DCC
 Dr. Michele Hensley
 Dr. Karl Brinton Hiatt DC
 Dr. William Edward Hooper
 Dr. William G. Kaelin, Jr.
 Dr. Steven P. Karas DC
 Dr. David Lawrence Katz DC
 Dr. Gary Earl Kay
 Dr. Mark Stephen Komrad
 Dr. Virginia Byers Kraus
 Dr. William Erle Kraus
 Dr. Jan Andrew Kylstra
 Dr. John Griffith Lease
 Dr. Charles Lee Lucore DC
 Dr. Philip A. Marino, Jr. DC
 Dr. Lawrence Gordon Mendelow
 Dr. Lucy Dalton Moore
 Dr. Martin A. Morse DC
 Dr. Robert Leland Murrah, Jr. DC
 Dr. Cathy Leilani Ow
 Dr. Joseph J. Parelman
 Dr. Etta Driscoll Pisano
 Dr. Mitchell S. Rein
 Dr. Kenneth Berwick Roberts
 Dr. David Robinson
 Dr. Grace Allison W. Rose
 Dr. Richard A. Sarner DC
 Dr. Robin Lynn Schaten
 Dr. Linda Glaubitz Schymik
 Dr. Julia L. Stevens
 Dr. Scott David Stevens
 Dr. Thomas B. Thames II
 Dr. Stacey A. Wood, Jr.

1988 (20th)

Class Agent:

George K. Ibrahim, MD

Reunion Chairs:

C. Keith Ozaki, MD

Communications Coordinators:

Scott J. Tyrey, MD

Serena H. Chen, MD

Gift Participation: 33%

Davison Club & Medical Annual

Fund Support: \$49,300

Total DUMC Support: \$50,625

Total Davison Club, Davison

Century Club, and Davison

Lifetime Members: 9

Dr. Marcy Behar Bolster
 Dr. Sarah Rebecca Slavitt Bryce
 Dr. William Cuyler Calton, Jr.
 Dr. Gregory Henkuo Chow
 Dr. Jennifer Jeffries Crawford
 Dr. Joseph Patrick Cullen
 Dr. Jill Allison Foster
 Dr. Marc Andrew Goldberg
 Dr. Michael David Hollett
 Dr. George K. Ibrahim
 Dr. Keith P. Kittelberger
 Dr. Molly McQuigg Kramer
 Dr. Susan Marie Lontkowski
 Dr. Mark Andrew Lyerly DC
 Dr. Deborah Crovitz Manus
 Dr. Jay S. Markowitz
 Dr. William Kenneth Mask
 Dr. Bobby Ray Maynor, Jr.
 Dr. Mark S. McIntosh
 Dr. Thomas M. McLoughlin, Jr.
 Dr. Marguerite H. Oetting DC
 Dr. Charles Keith Ozaki DC
 Dr. John Buford Pollard
 Dr. Laura K. Pollard
 Dr. Eva Karen Pressman DC
 Dr. Eileen Marie Segreti DC
 Dr. Diane Marie Simeone
 Dr. Bryan Wesley Smith
 Dr. Lisa Marie Stone
 Dr. John Akhtar Straznickas
 Dr. Mark Tedder
 Dr. David James Terris DC
 Dr. Artis Preston Truett III DC
 Dr. Clark John Wang
 Dr. Karen Elizabeth Weck-Taylor

Dr. Syngil Steven Yang DC
 Dr. Seth Michael Zeidman DC

1993 (15th)

Class Agent:

Lyndon K. Jordan III, MD

Reunion Chair:

Andrew J. Muir, MD

Communications Coordinator:

Barbra A. Ross, MD

Gift Participation: 35%

Davison Club & Medical Annual

Fund Support: \$16,602

Total DUMC Support: \$18,795

Total Davison Club, Davison

Century Club, and Davison

Lifetime Members: 6

Dr. Mark Andrew Backus
 Dr. Kelly Alexander Booth
 Dr. Clifford Bowens, Jr.
 Dr. Brian Patrick Bowman
 Dr. Marc Ronald Carruth DC
 Dr. Paulette Denise Chandler
 Dr. Howard Adam Cooper
 Dr. Gregory Scott Dean
 Dr. Elizabeth Claire Dees
 Dr. Susan Elizabeth Dorman
 Dr. Bridget Patricia Early
 Dr. Gary Michael Felker
 Dr. Michael Kevin Flynn
 Dr. Eugenia M. Gilman Gray
 Dr. Robert Jeffrey Green DC
 Dr. Jeffrey Scott Hartman
 Dr. Lyndon Kirkman Jordan III DC
 Dr. Andrew Michael Kaplan
 Dr. Jeffrey Kaufman
 Dr. Larry Wade Kelly DC
 Dr. Alex Randall Kemper
 Dr. Sharon Strong Kim
 Dr. Jennifer Jean Kottra
 Dr. Jill Randi Levy
 Dr. Andrew James Lodge
 Dr. Christine Elizabeth Marx
 Dr. Andrew Joseph Muir DC
 Dr. Jeanne Elaine Roddenberry
 Dr. John Eric Roddenberry
 Dr. Matthew Todd Roe
 Dr. Barbra Aileen Ross
 Dr. David Marx Scher
 Dr. Patricia Ann Shi
 Dr. Michael William Sicard

Dr. Robert Sidbury
 Dr. Timothy William Smith
 Dr. Katrina Ruth Stidham
 Dr. Phyllis Shou-Wen Tong
 Dr. Frank Charles Tong
 Dr. Michael Weiner
 Dr. Lee Gravatt Wilke DC

1998 (10th)

Class Agents:

Michael P. Bolognesi, MD

Michael J. Morowitz, MD

Reunion Chair:

Joanne J. Lager, MD

Communications Coordinator:

Ning Z. Wu, MD

Gift Participation: 36%

Davison Club & Medical Annual

Fund Support: \$9,058

Total DUMC Support: \$9,583

Total Davison Club, Davison

Century Club, and Davison

Lifetime Members: 7

Dr. Peter Sungjae Baek
 Dr. Michael Paul Bolognesi DC
 Dr. Thomas James Bryce
 Dr. Julie Story Byerley
 Dr. Leslie Werder Cooper
 Dr. Kristi Warren Durgin DC
 Dr. Michael J. Fields
 Dr. Harmony Phillips Garges
 Dr. Brett Ian Gratz DC
 Dr. Jeffrey David Greene
 Dr. Eric Glenn Halvorson
 Dr. Matthew Lawrence Hanley
 Dr. Amie W. Hsia
 Dr. Gang J. Hu DC
 Dr. Catherine Pascoe Kaminetzky
 Dr. James Allen Kong
 Dr. Joanne Jenkins Lager DC
 Dr. Timothy P. Lahey
 Dr. Michael Steffen Lyons
 Dr. Frederick James Meine
 Dr. Elizabeth Kahn Meine
 Dr. Michael J. Morowitz
 Dr. Eun-Ha Park
 Dr. Cathleen L. Peterson-Layne
 Dr. Duncan Peter Rougier-
 Chapman
 Dr. David W. Samuelson DC
 Dr. Lisa F. Soltani

Dr. Carsten Meyer Sorensen
 Dr. Courtney Dawn Thornburg
 Dr. Lori L. Vanscoy
 Dr. Carrie Elizabeth Waller
 Dr. Carolyn Jean Weaver DC
 Dr. Kevin Garrett Wheeler
 Dr. David Wong
 Dr. Ning Z. Wu
 Dr. Tracy Rebecca Zinner

2003 (5th)

Class Agent: Ali S. Raja, MD

Reunion Chair:

Michael A. Bernstein, MD

Gift Participation: 15%

Davison Club & Medical Annual

Fund Support: \$3,360

Total DUMC Support: \$3,410

Total Davison Club, Davison

Century Club, and Davison

Lifetime Members: 4

Dr. Michael Adam Bernstein
 Dr. Jamieson MacDonald Bourque
 Dr. James Jeffrey Chien
 Dr. Kathleen Elizabeth Corey
 Dr. Gregory Brandt Louie DC
 Dr. Henry Cooper McDade
 Dr. Narayan Dhruvaraj Melgiri DC
 Dr. Faisal Majid Merchant
 Dr. James A. Onigkeit
 Dr. Ali Shahbaz Raja DC
 Dr. Arlene M. Ruiz de Luzuriaga
 Dr. Glen Alan Toomayan
 Dr. Brent Archibald Townsend DC
 Dr. Alberuni Musa Zamah

Bye Bye Bell Building

By Jim Rogalski

When it opened in 1947 it was affectionately referred to as the “animal house” because it had four times more space to house animals vital to medical research. It was the first building of Duke University Medical Center that wasn’t connected to the hospital and main buildings. It helped to launch Duke medical research into a new



era by providing copious modern laboratory space for scientists and students under one roof, and is where the student medical research training program began. That program is a forerunner of Duke’s current MD/PhD program.

And by the time you read this it likely will be gone.

The William Brown Bell Research Building is coming down to make way for the more than half a million square-foot hospital expansion that will modernize 160 of its 924 beds and add 16 new operating suites, among other things. Demolition was scheduled for late December and January.

“I’m a little nostalgic about it,” says James B. Wyngaarden, MD, a former faculty member, former chair of the Department of

Medicine, former vice chancellor for health affairs, and former director of the National Institutes of Health. “For me it was absolutely ideal. I had a lab in the middle of the biochemistry department and had easy access to all of my colleagues. It would have been much more difficult at other schools to do what I did.”

The Bell Building, as it is known today, was named in 1950 after William Brown Bell, the president of the American Cynamid Company and a trustee of the Duke Endowment and of Duke University. Bell had a longtime interest in Duke medical research and helped to fund the work of faculty member Joseph W. Beard, MD, who used canines to help develop vaccines. The building was named after him to honor his years of service to Duke.

Beard, and his research assistant—his wife Dorothy Beard, MD—developed the first vaccine for equine encephalomyelitis, a disease that had struck down thousands of horses across the country; purified and photographed the virus that causes warts and skin cancer in rabbits; isolated the cause of avian leukosis, a cancer-like disease that cost the poultry industry millions of dollars each year; identified leukemia in chickens; and first reported evidence of viruses in association with human leukemia.

When the Bell Building was being proposed, Duke faculty members were resistant to moving there because it was not attached to the hospital. Beard and biochemistry faculty member Hans Neurath, MD, were the first to agree to move if the new building were built. Soon, many others agreed as well.

Wyngaarden says he loved the location.

“It was close to the hospital so I would

work in the lab from 8 to 10 in the morning, walk three minutes to the hospital and see patients from 10 to 12, then go back to my lab in the afternoon.” He says the Bell Building was a key factor to Duke’s ensuing national prominence in immunology and virology.

“There were some labs in the medical school, but they had become inadequate for modern research,” he says. “And as the medical school grew, more and more students had research ambitions, but there was no way to accommodate them.”

Wyngaarden says the additional lab space allowed Duke to develop the MD/PhD training program, which he helped to take national by serving on the NIH Advisory Committee for MD/PhD programs.

“The initial medical student training program offered students nine months of research training between the second and third year of medical school and still allowed them to graduate with their classes,” Wyngaarden says.

The initial building cost \$190,000. It was financed with a \$10,000 grant from the Rockefeller Foundation and included funds from the Dorothy Beard Research Fund, the Duke Endowment, the departments of medicine and surgery, the U.S. Public Health Service, the Markle Foundation, and gifts from medical center staff.

The first wing was added in 1958 to form a “T,” then another in 1960 to form an “H.” Additions in 1964 and 1979 completed the structure, which included roughly 100,000 square feet of space.

Most recently the building housed the gross anatomy labs and offices for the departments of surgery, pediatrics, radiology, OB/GYN, and psychiatry. All labs and offices were relocated in late 2008. ■



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