

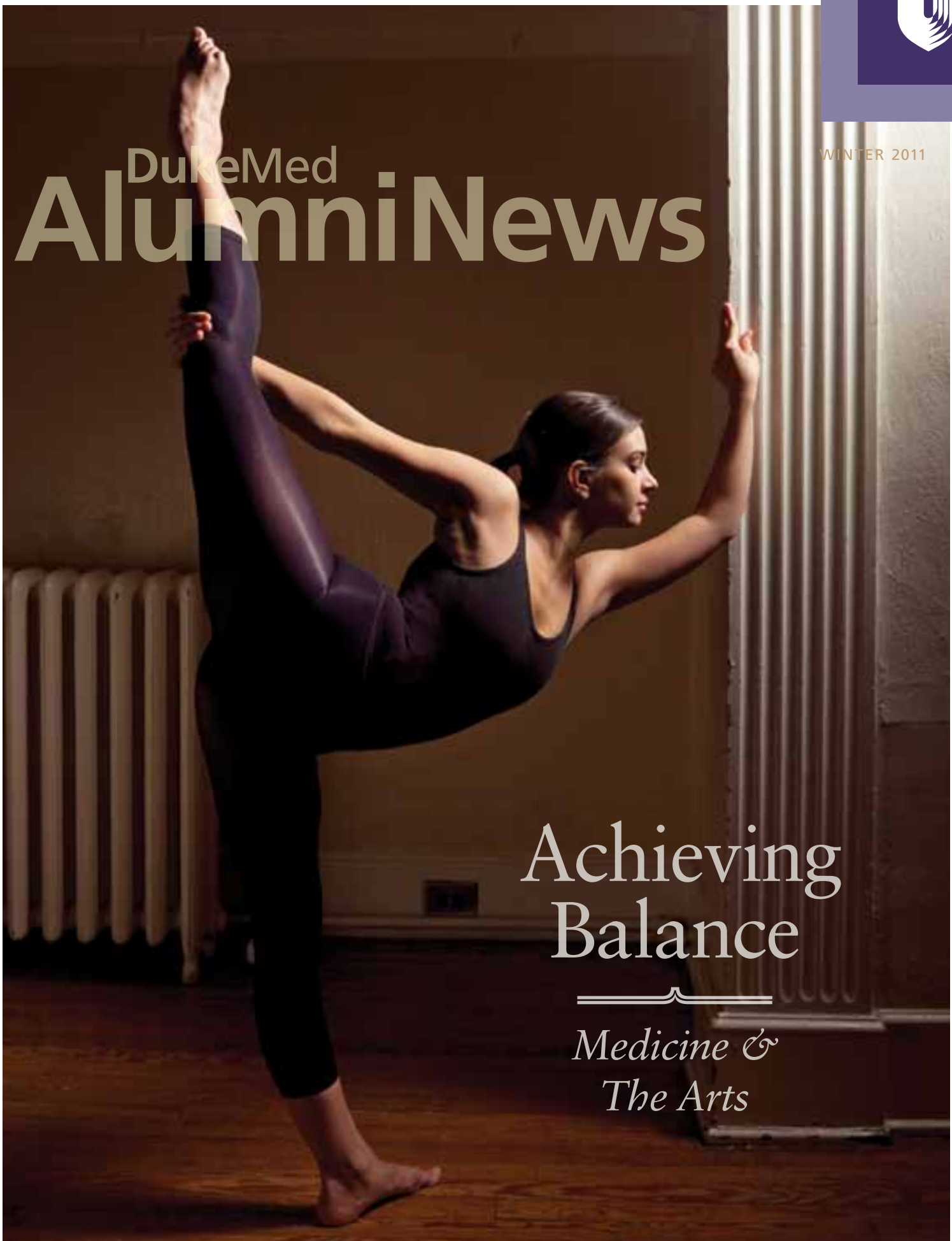


WINTER 2011

# DukeMed AlumniNews

## Achieving Balance

— — —  
*Medicine &  
The Arts*



# Leading in a Time of Change

Over the past year, we have all been pondering monumental changes in health care, which seemed imminent after national health care reform was introduced. While it is unclear how reform will eventually take shape, it is increasingly apparent that health care delivery is at a crossroads, with important implications for medical education.

Rather than wait passively for change to dictate our momentum, I'm proud to say that Duke University School of Medicine continues to lead. We are transforming our teaching and training to prepare for new and emerging models of patient care. Collaboration and team-based care involving a spectrum of health care professionals are clear themes of the future.

We have become more deliberate in educating our medical students to collaborate with their peers. Team-based learning—the subject of a feature story beginning on page 16—encourages students to apply their knowledge and skills in groups. Our new Learning Center, which I'm delighted to say is now under construction, will facilitate the team approach.

The team-based learning environment has received high marks in studies, which show students absorb more and score higher than when taught through traditional lectures. It also gives students an opportunity to begin to understand the

synergies and dynamics of teams, better preparing them to enter the clinics.

Our approach to team-based learning has been modeled on experience and success with this strategy at the Duke-National University of Singapore Graduate Medical School. On page 4, you'll learn how this partnership is developing, and the excitement behind the commitment both institutions have made to its continued growth and expansion.

In this issue you also will have the chance to read about talented and dedicated medical students who devote what free time they have to the arts. On page 10, you will meet accomplished artists, musicians, actors and performers who consider art to be an integral part of their lives. They say it helps them manage the stress of medical education.

The new year is full of challenges, opportunities and exciting new programs and initiatives at Duke. I am looking forward to sharing more news with you about the future direction of the School of Medicine in the coming months.

Sincerely,



**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

**Nancy Andrews, MD, PhD**  
Dean, Duke University School of Medicine  
Vice Chancellor for Academic Affairs,  
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Duke University School of Medicine

## DukeMed Alumni News

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Your comments, ideas, and letters to the editor are welcome.

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submitted  
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## 2010 Reunion Giving

Medical education, scholarships, research, and patient care all received a boost from the 2010 Reunion Gift Program during Medical Alumni Weekend.

A total of **\$945,111** was raised in support of the Medical Annual Fund/Davison Club and programs across Duke Medicine, with an overall participation rate of 32 percent. Half Century Society gifts totaled **\$371,150**.

Thanks to all the volunteers and alumni who made this year's program a success!

### 1960 (50TH)

Class Chair: Edwin T. Preston, Jr.

Gift Participation: 44%

Davison Club & Medical Annual

Fund Giving: \$142,695

Total Duke Medicine Giving: \$149,244

Davison Club Members: 14

### 1965 (45TH)

Class Agent: Jack D. Williams

Gift Participation: 46%

Davison Club & Medical Annual

Fund Giving: \$24,060

Total Duke Medicine Giving: \$26,526

Davison Club Members: 13

### 1970 (40TH)

Class Chair: Dale W. Caughey, Jr.

Gift Participation: 33%

Davison Club & Medical Annual

Fund Giving: \$13,950

Total Duke Medicine Giving: \$15,455

Davison Club Members: 8

### 1975 (35TH)

Class Chair: Raymond J. Toher, Jr.

Gift Participation: 24%

Davison Club & Medical Annual

Fund Giving: \$62,549

Total Duke Medicine Giving: \$87,704

Davison Club Members: 14

### 1980 (30TH)

Class Co-Chairs: Chalmers M. Nunn, Jr. & Douglas Jay Sprung

Gift Participation: 40%

Davison Club & Medical Annual

Fund Giving: \$70,880

Total Duke Medicine Giving: \$140,150

Davison Club Members: 17

### 1985 (25TH)

Class Co-Chairs: Nicholas John Leonardy & Robert F. St. Peter

Gift Participation: 39%

Davison Club & Medical Annual

Fund Giving: \$72,825

Total Duke Medicine Giving: \$84,380

Davison Club Members: 19

### 1990 (20TH)

Class Chair: Shauna Tilly Farmer

Gift Participation: 29%

Davison Club & Medical Annual

Fund Giving: \$23,490

Total Duke Medicine Giving: \$24,735

Davison Club Members: 8

### 1995 (15TH)

Class Co-Chairs: Robb Logan Romp & Ravi N. Samy

Gift Participation: 30%

Davison Club & Medical Annual

Fund Giving: \$18,891

Total Duke Medicine Giving: \$28,086

Davison Club Members: 6

### 2000 (10TH)

Class Chair: Swati Agarwal

Gift Participation: 26%

Davison Club & Medical Annual

Fund Giving: \$13,735

Total Duke Medicine Giving: \$16,529

Davison Club Members: 9

### 2005 (5TH)

Class Chair: Saumil M. Chudgar

Gift Participation: 12%

Davison Club & Medical Annual

Fund Giving: \$947

Total Duke Medicine Giving: \$1,152

Davison Club Members: 1

## 2011 Reunion Volunteers

Planning is underway for Medical Alumni Weekend 2011! The Medical Alumni Association has developed a network of class committee chairs who will facilitate communication between reuniting alumni, the School of Medicine, and the Medical Alumni Association. If you have any questions about your 2011 class reunion or are interested in becoming a volunteer, please contact your class reunion chair, listed below.

**Mark your calendar for Reunion 2011, October 20-23!**

### 1961

James J. "J.J." LaPolla, Sr., Warren, Ohio  
Robert K. Yowell, Durham, N.C.

### 1966

Shelia Moriber Katz, Gladwyne, Pa.  
Emanuel "Manny" Newmark, Atlantis, Fla.

### 1971

John C. Rawl, Lexington, S.C.  
Garrett Saikley, Honolulu, Hawaii

### 1976

J. Bancroft "Banny" Lesesne, Atlanta, Ga.  
Katherine S. Upchurch, Concord, Mass.

### 1981

Jonathan Christenbury, Charlotte, N.C.

### 1986

Osbert "Oz" Blow, Corpus Christi, Texas

### 1991

Janice A. Gault, Penn Valley, Pa.  
Rowena Dolor Cuffe, Durham, N.C.

### 1996

Matthew J. Hepburn, Frederick, Md.

### 2001

Matthew G. Hartwig, Durham, N.C.  
Bimal R. Shah, Durham, N.C.

### 2006

To be determined

## New Master of Biostatistics Program Accepting Applications

Demand for biostatisticians—collaborative scientists with expertise in the statistical methods used to prove new theories—is growing rapidly. To help meet the demand at Duke and other academic medical centers, the School of Medicine has developed an innovative degree program that focuses on three core competencies: analysis, biology, and communication.

According to Greg Samsa, PhD, director of graduate studies in the Department of Biostatistics and Bioinformatics, the two-year, 40-credit-hour program will cultivate students who have skills to meet current and future challenges in biomedical research.

“We wanted this to be different from a traditional master’s program,” says Samsa. “We wanted active, practical, hands-on learning. Biostatistics is such a relatively new and rapidly growing discipline, and we know employers are looking for people with exceptional analytical skills, a strong foundation in human biology, and the ability to effectively communicate statistical principles to multi-disciplinary research teams.”

Priority is given to applications received by March 1, 2011. After March 1, applications are considered on a space-available basis. For more information, please visit [biostat.duke.edu](http://biostat.duke.edu).



## Scuderi to Speak at Berend Orthopedic Symposium

Orthopedic Surgeon Giles Scuderi, MD, will be the visiting professor at the Third Annual Emily Berend Adult Reconstruction Symposium. Sponsored by Duke University School of Medicine, the event will be held at the Duke University Medical Center Human Fresh Tissue Laboratory on April 15-16, 2011.

Scuderi currently is one of the directors of the Insall Scott Kelly Institute for Orthopedics and Sports Medicine. He also is an attending orthopedic surgeon at Lenox Hill Hospital and Franklin Medical Center and assistant clinical professor of orthopedic surgery at Albert Einstein College of Medicine.

For the third year in a row, the comprehensive hip and knee course will offer lectures on hot topics in hip and knee arthroplasty and live video demonstrations on the latest operative techniques.

The course, which is presented by Duke’s Department of Orthopaedic Surgery, is aimed at orthopedic surgeons, surgeons in training, and other medical professionals seeking specialized education in current hip- and knee-replacement techniques, patient management, and patient-outcome optimization.

The symposium was first established in 2009 by joint replacement surgeons **Mike Berend, MD’92, HS’92-’98**, and **Keith Berend, MD’97, HS’97-’02**. The brothers felt motivated to show their gratitude for their Duke training and to honor their late mother, Emily.

The adult reconstruction symposium’s registration fee is \$200. To learn more, contact Carolina Manson at 919-668-4732 or [carolina.manson@duke.edu](mailto:carolina.manson@duke.edu) or **Michael Bolognesi, MD’98, HS’98-’03**, at 919-668-4732 or [michael.bolognesi@duke.edu](mailto:michael.bolognesi@duke.edu). You may also visit [cmetracker.net/DUKE/courses.html](http://cmetracker.net/DUKE/courses.html).



## Duke in Depth: A World Together

The Duke University Alumni Association and Office of News & Communications will present Duke in Depth: A World Together on February 24-27. The weekend conference, which includes a celebration of the 50th Anniversary of the Peace Corps, will provide an opportunity for faculty, alumni, students, and outside experts to explore the challenges faced by the Duke community and others in pursuing global development. It will showcase Duke’s growing engagement with an

**Duke in Depth**  
DUKE ALUMNI ASSOCIATION



**A World Together**  
DUKE and GLOBAL DEVELOPMENT  
2010-2011

increasingly global society and also honor the hundreds of Duke alumni and community members who have served in the Peace Corps. The event will be held in collaboration with the ASHOKA Changemaker Campus national conference being hosted by the Fuqua School of Business Center for the Advancement

of Social Entrepreneurship.

Participants may select a la carte from a variety of learning sessions, visual and performing arts experiences, and social events. Discount pricing is available for Returned Peace Corps Volunteers (RPCV). Registration and information at [dukeindepth.com](http://dukeindepth.com).



Pictured at the Duke-NUS phase II agreement signing ceremony, held November 30 in Singapore, are (seated from left to right) signatories Michael Merson, vice chancellor for Duke-NUS affairs and director of the Duke Global Health Institute; Victor Dzau, chancellor for health affairs, Duke University; and Tan Eng Chye, provost, National University of Singapore; and (standing from left to right) witnesses Tan Ser Kiat, group CEO, SingHealth; Tony Chew, chairman, Duke-NUS Governing Board; Khaw Boon Wan, minister for health; Ng Eng Hen, minister for education and second minister for defense; Ranga Krishnan, dean, Duke-NUS; and Tan Chorh Chuan, president, National University of Singapore.

## Duke–Singapore Partnership Expands

Duke University and the National University of Singapore in November agreed to a new five-year plan to expand the growth and development of the Duke-NUS Graduate Medical School.

Since initially established in 2005, the partnership has flourished. Duke-NUS welcomed its first class of 26 students in 2007, and enrollment has more than doubled since then, drawing top students and distinguished faculty from around the world. The first class of medical doctors will graduate in May.

“This is a very important day for Duke Medicine and for our partners in Singapore,” said Victor J. Dzau, MD, chancellor for health affairs, Duke University, and CEO of the Duke University Health System. “Duke will continue to build relationships with strategic partners around the world, but we will always see Duke-NUS as the crown jewel of our international activities.”

**“This is a very important day for Duke Medicine and for our partners in Singapore.”**

- Victor J. Dzau



The school’s educational design is based on Duke’s innovative model, with a focus on independent study and research within a context of small group discussions and interactive learning opportunities. One of the most important goals of the next phase of the partnership will be to further align research, education, and patient care interests and outcomes with SingHealth, Singapore’s largest group of health care institutions.

“The Duke-NUS educational model is very distinctive, and the school has also contributed strongly to Singapore’s Biomedical Sciences initiative through its cutting-edge research,” said Professor Tan Chorh Chuan, NUS president. “I would say that this partnership has greatly exceeded our already high initial expectations.”

Duke-NUS concentrates its efforts on five signature research programs—cancer and stem cell biology, neuroscience and behavioral disorders, emerging infectious diseases, cardiovascular and metabolic disorders, and health services and systems research.

Duke’s Michael Merson, MD, vice chancellor for Duke-NUS affairs, says that deepening the relationship between Duke and Singapore will be especially helpful in defining multi-national strategies for advancing research and new treatments for infectious diseases as well as chronic medical conditions.

“This growing partnership will help solidify Singapore’s position as a center of biomedical expertise, and will also offer students and faculty from around the globe a setting where they can test drive research and educational innovations, such as new models of care and new models of caregivers.”

# Shaw Named New MAA president

Dale R. Shaw, T'69, MD'73, HS'73-'77, FACR, says his career successes, and even a few important personal events, all have their origins at Duke. From finding his passion for radiology to meeting his wife to watching his children find their own success through Duke degrees, he says he owes a great deal to his alma mater.

In an effort to give back, the triple Dukie has held numerous volunteer positions at Duke since completing radiology training in 1977. His latest role: serving as Medical Alumni Association (MAA) president.

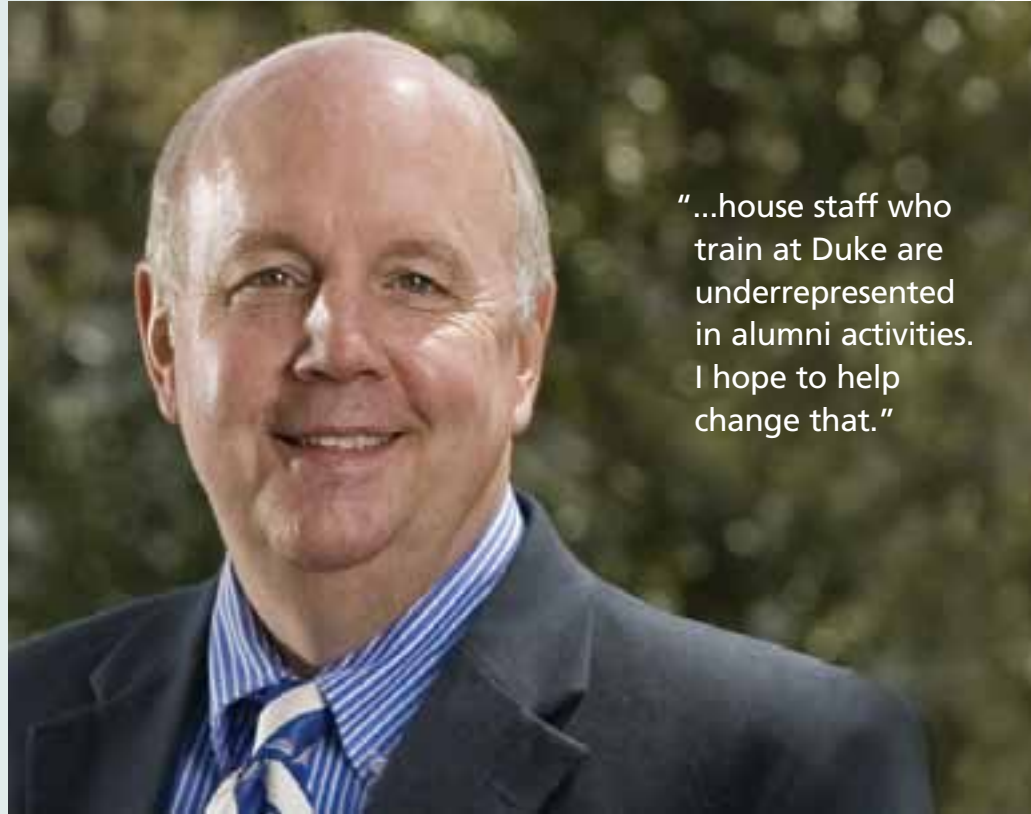
Appointed last fall, Shaw hopes to spend his two-year term focused on a number of issues, including increasing house staff alumni participation and raising funds for the new School of Medicine Learning Center.

"There's such a large number of house staff who trained at Duke," he says, "but they're underrepresented in alumni activities. I hope to help change that."

Shaw already serves on the Learning Center Steering Committee, and says he looks forward to expanding his role in rallying alumni support for the much-needed building.

Before becoming MAA president, Shaw had been a member of the Medical Alumni Council (MAC) for a number of years. He also served twice as president of the Davison Club, from 1986 to 1987 and, again from 1997 to 2000. His Duke involvement extends beyond the School of Medicine. For five years he was the MAC representative to the Duke University Alumni Association, and he also previously served as vice president of the Duke Alumni Association.

Shaw is a radiologist with Charlotte Radiology. He says what he loves most about his chosen specialty is that it constantly offers new challenges and touches nearly every area of medicine.



"...house staff who train at Duke are underrepresented in alumni activities. I hope to help change that."

"Radiology cuts across every medical specialty; almost every disease process can be imaged somehow." He adds jokingly, "Plus we get the biggest toys."

Shaw is an active member of American College of Radiology (ACR), having served as past president of the organization's North Carolina chapter and as a member of its executive committee for 27 years. As chairman of the chapter's Continuing Medical Education Committee, he has organized popular annual review courses in breast imaging and vascular ultrasound imaging. In 2009 the chapter presented him with the Silver Medal Award, which is the chapter's highest honor.

His wife **Nancy, WC'70, L'73**, is a faculty member in the Duke University School of Law. The couple lives in Charlotte, N.C., and they have two children. **Elizabeth, T'02, L'05**, has worked in entertainment law, and **Robert, T'09**, is a junior partner and part owner of Shoeboxed.com, an online receipt and document management company.



Nancy and Dale Shaw



Bruce M. Freedman



Robert L. Friedman



Matthew G. Hartwig



J. Wes Jones



Gary E. Kay

## New Medical Alumni Council Members

The Medical Alumni Council recently welcomed its newest members:

**Bruce M. Freedman, T'79, MD'83, FACS**, has practiced in Northern Virginia since 1989. He currently serves as medical director of Plastic Surgery Associates of Northern Virginia in McLean, Va., and clinical assistant professor of plastic surgery at Georgetown University. He served as chief of the Plastic Surgery Division at Reston Hospital Center for five years. Freedman lectures nationally on the latest developments in cosmetic surgery. Honors include being named a diplomate of the American Board of Plastic Surgery in 1991 and a Fellow of the American College of Surgeons in 1993. He now serves on the School of Medicine Learning Center Steering Committee and previously served as a regional coordinator for the Campaign for Duke University. Freedman completed a plastic surgery residency at St. Louis University and an aesthetic surgery fellowship at New York University. He lives in Vienna, Va., and has two children: **Michael, T'10**, and **Kathryn**, a freshman at Duke.

**Robert L. Friedman, MD, HS'89-'94**, practices sports medicine at Orthopedic Associates of Greater Lehigh Valley in Easton, Pa. He first joined the practice in 1995. His areas of expertise include knee and shoulder disorders, and he has conducted extensive research on cartilage disorders of the knee. Previous positions include serving as president of the medical staff at Warren

Hospital from 2005 to 2007 and as president of the Warren Hospital Risk Retention Group from 2004 to 2010. Board certified by the American Board of Orthopedic Surgery, Friedman is a member of the American Academy of Orthopedic Surgeons, the Arthroscopy Association of North America, and the Piedmont Orthopedic Society. He received a bachelor of science degree with high honors from the University of California at Santa Barbara and a medical degree from the University of California at Los Angeles. He completed an orthopedic residency at Duke and a fellowship in sports medicine at the Southern California Center for Sports Medicine, where he trained under Douglas Jackson, MD, a leader in the field, and cared for numerous collegiate and professional athletes. Friedman lives in Pittstown, N.J., with his wife **Kim D. Friedman, T'94, MD**, and their two children, **Kaitlyn** and **Justin**.

**Matthew G. Hartwig, MD'01, HS-current**, is chief resident in the Division of Cardiovascular and Thoracic Surgery at Duke. From 2007 to 2008, he was chief resident in the Department of Surgery. He is a member of the International Society of Heart and Lung Transplantation, the American College of Chest Physicians, and the American College of Surgeons. His honors include being a member of the Alpha Omega Alpha Honor Medical Society and serving as a Howard Hughes Medical Institute Medical Student Research Fellow from 1999 to 2000. While a medical student at Duke, he was the recipient of the School of Medicine's William G. Anlyan, MD, Scholarship. Hartwig earned a bachelor's degree in 1996 from Birmingham-Southern College in Alabama. His wife **Laurie D. Snyder, MD'00**, is an assistant professor in the

Division of Pulmonary, Allergy, and Critical Care Medicine at Duke. They have one daughter, **Amelia**.

**J. Wes Jones, T'72, MD'76, HS'76-'79, '81-'83, FACP, AGAF**, is founder and senior partner with Cape Fear Center for Digestive Diseases, P.A., in Fayetteville, N.C. He also is a staff physician with Cape Fear Valley Health Systems. From 1987 until 2007, Jones led annual medical and construction mission teams to Bolivia with Curamericas Global Inc., and currently serves on the board of directors as a past chair. He is a past trustee of Methodist University and Brevard College, both in North Carolina. Jones has been recognized for his professional and civic involvement by organizations including Curamericas, Cumberland Community Foundation, Methodist University, and Brevard College. He was named a Fellow of both the American College of Physicians and the American Gastroenterological Association and a Braxton Craven Fellow of the James B. Duke Society in 2011. He authored *Cure Constipation Now, a Doctor's Fiber Therapy to Cleanse and Heal* (Berkley Books 2009). He earned his bachelor's degree in zoology and a medical degree from Duke. In 1983 he completed a gastroenterology fellowship at Duke. He and his wife **Lucy H. Jones** live in Fayetteville. They have two sons, **Hollis, T'03**, and **Jordan**, and a daughter, **Rosanne, T'09**, who is now a medical student at Duke.

**Gary E. Kay, MD'83**, is an oncologist with Northwest Oncology & Hematology in Rolling Meadows, Ill. He has been with the practice since 1988 and is also affiliated with Alexian Brothers Medical Center, St. Alexius Medical Center, Good Shepherd Hospital, and Northwest Community Hospital, where he serves as medical director of





E. Philip Lehman



Michael C. Mauney



Reuven Porges



Mark Wade Scroggs

the Cancer Genetics Program. His interests include general oncology and hereditary cancer syndromes. He is a member of the American Society of Clinical Oncology. Before attending Duke University School of Medicine, Kay earned a bachelor's degree from the University of Michigan. He went on to complete an internship and residency at the University of Colorado Health Sciences Center and a fellowship in hematology and oncology from the University of Chicago. He and his wife, **Mary Beth Kay, BSN'81**, live in Buffalo Grove, Ill., and have three children. Sarah is a graduate of Syracuse University; Hannah is a senior at Duke; and Abby is 13.

**E. Philip Lehman, MD'10, SPP'10, HS-current**, is currently an internal medicine resident at Duke. He also serves as a residency council member for the internal medicine residency program. As a medical student at Duke, Lehman served as president of the Davison Council from 2009 to 2010 and as an ex officio member of the Duke University Board of Trustees' Medical Center Academic Affairs Committee. He was elected to the Alpha Omega Alpha honor society in 2009. He also was a student interviewer for School of Medicine applicants. A member of the American Medical Association (AMA) from 2006 to 2010, Lehman served on the national AMA Medical Student Section Committee on Legislation and Advocacy. For the Duke local chapter, he helped coordinate events on lobbying and North Carolina health care politics. He previously worked as a staff member with the Health and Trade Subcommittees of the U.S. House of Representatives' Committee on Ways and Means. In addition to a medical degree, Lehman also earned a master of public policy from the

Duke University Sanford School of Public Policy in 2010. He graduated *summa cum laude* from Georgetown University with a bachelor of science in biology. He is engaged to Emily Giles, a nurse at Duke. They will be married at the Duke Chapel in March 2011.

**Michael C. Mauney, T'87, MD'91**, is a cardiothoracic surgeon with CTV Surgery Inc. and Missouri Baptist Medical Center in St. Louis. Mauney completed a general surgery internship, general and thoracic surgery residency, and thoracic surgery fellowship at the University of Virginia Health Sciences Center. He is married to Cheryl M. Mauney, MD, a musculoskeletal radiologist in Chesterfield, Mo. They have one child, Ryan.

**Reuven Porges, T'79, MD'83, HS'90-'92**, is vice president of radiology services at Sheridan Healthcare Inc. in Sunrise, Fla. Prior to joining Sheridan Healthcare, he was a managing partner of Florida United Radiology from 1995 to 2006 and a senior partner of Plantation, Westside and Aventura Radiology Associates. He has been a member of the South Florida Radiology community since 1991. He served on the Duke Medicine Board of Visitors from 1996 to 2000 and the Duke Cancer Patient Support Program Advisory Board from 1997 to 1999. Porges earned bachelor of science and medical degrees and completed a fellowship in neuroradiology at Duke. He holds licenses in Florida, South Carolina, North Carolina, New Mexico, and Colorado and a board certification from the American Board of Radiology with a Certification of Added Qualification (CAQ) in neuroradiology. He and his wife Maria M. Rodriguez, MD, chief medical officer of Sheridan Radiology Services, live in Plantation, Fla.

**Mark Wade Scroggs, MD'84, HS'84-'88, '91-'94**, is an ophthalmologist and partner with Carolina Ophthalmology Associates in Chapel Hill, N.C. He specializes in corneal diseases and transplantation and primarily practices comprehensive ophthalmology, which includes diagnosis, treatment, and surgery for glaucoma and diabetic-related eye problems. He previously served on Duke's faculty. Scroggs is an active member of several organizations, including the American Academy of Ophthalmology, the North Carolina Society of Eye Physicians and Surgeons, the North Carolina Medical Society, and the American Association of Ophthalmic Pathologists. He has volunteered with the Lincoln Community Health Center and the Carrboro Community Health Center. After earning a medical degree from Duke in 1984, he completed a medical and surgical ophthalmology residency at Duke Eye Center. Following his residency, Scroggs completed a cornea and anterior segment fellowship in New Orleans before returning to North Carolina to begin private practice. He and his wife **Robin Leigh Mote, T'80**, live in Chapel Hill with their two children.

The following members are returning for new three-year terms: **Michael P. Bolognesi, MD'98, HS'98-'03**; **Samuel I. Brown, MD, HS'79-'85**; **Oren J. Cohen, MD'87**; **Diana B. McNeill, T'78, MD'82, HS'87-'89**; **G. Radford Moeller, MD'77, HS'77-'82**; and **Katherine S. Upchurch, MD'76**. House staff representative **Charles D. Scales Jr., MD'04, HS-current**, is also returning for a new one-year term.

# Medical Alumni Weekend

About 500 Duke medical alumni, their families, and friends attended Medical Alumni Weekend in October. Highlights of the weekend included the Learning Center Ground Breaking Ceremony; the Medical Alumni Association Awards Luncheon; the Davison Club Celebration; breakfast with Dean Nancy C. Andrews, MD, PhD; a medical symposium hosted by the Class of 1985 featuring new chairs of medicine, radiology, and psychiatry, football, class dinners, campus tours, and more.



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**01** Mike Krzyzewski, Duke men's basketball coach; Michael M. Frank, MD, former chairman, Department of Pediatrics; Jeff and Greg Foxworthy

**02** From left, front row: **David L. Feldman, T'80, MD'84, HS'89-'92**, past president, Duke Medical Alumni Association; **Walter L. Miller, MD'70**, Distinguished Alumnus; **Michael D. Schneider, MD, HS'76-'78**, Distinguished Alumnus; Greg and Jeff Foxworthy, Honorary Alumni; Dean Nancy C. Andrews, MD, PhD; **John R. Perfect, MD, HS'77-'80**, Distinguished Faculty; **Thomas P. Graham, MD'63, HS'67-'69**, Distinguished Alumnus; Joseph A. Moylan, MD, Humanitarian; **Gordon K. Klintworth, MD, PhD, HS'62-'65**, Distinguished Faculty

**03** Barbara Lee; **J. Fletcher Lee, MD'60, HS'60-'67**; **Lynn Fort III, MD'60**; **Marian S. Fort, WC'58**

**04** 50th Anniversary, Class of 1960

**05** Davison Building tour: **Robert Green, T'56, MD'60**; Nancy Preston; **Edwin Preston, T'57, MD'60, HS'60-'62**; Cheryl Howell; **T. Rudolph "Rudy" Howell, MD'58**; Colleen Grochowski, assistant dean for curriculum development

**06** Welcome reception: **D. Parker Moore Jr., MD'52, HS'52-'53**; **Robert E. Chambers, MD'52, HS'54-'56**; **Clarke G. Reed, MD'52, HS'52, '54-'56**; **Gerard Marder, MD'52, HS'54-'56**; **Noble J. "Nobby" David, T'48, MD'52, HS'56-'60**

**07** Members of the class of 2005

**08** Medical alumni at the Miami v. Duke football game

**09** **Bruce M. Freedman, T'79, MD'83**; **Katie Freedman**; **Gary E. Kay, MD'83**; **Hannah E. Kay**



**10** Matt Robinson, MSI; Martina King, MSI; Waleska Pabon-Ramos, MD, MPH; Ramon Ruberte Thiele, MSI; Amy Tong, MSI; Kirema Garcia-Reyes, MSI



**11** Richard A. Sarner, T'79, MD'83, president, Davison Club

**12** Anna Corliss, Dean Nancy C. Andrews, MD, PhD; Navid Pourtaheri, G'08, MSIII

**13** David L. Feldman, T'80, MD'84, HS'89-'92; Vice Dean Edward G. Buckley, E'72, MD'77, HS'77-'81; E. Philip Lehman, MD'10, MPP'10, HS-current; Chancellor Victor J. Dzau, MD; Dean Nancy C. Andrews, MD, PhD; K.D. Weeks Jr., MD'74, trustee, The Duke Endowment; Richard H. Brodhead, PhD, president, Duke University; Brian D. Schwab, MSIII, president, Davison

Council; Dale Shaw, T'69, MD'73, HS'73-'77, president, Medical Alumni Association

**14** Dean Nancy C. Andrews, MD, PhD; Chancellor Emeritus William G. Anlyan, MD, HS'49-'55; Nancy R. Shaw, WC'70, L'73; Dale Shaw, T'69, MD'73, HS'73-'77, president, Medical Alumni Association

**15** Major Groove, a medical student a cappella group, wrote original lyrics and performed the big band tune "This Could Be the Start of Something Big." From left, first row, Matthew Robinson, MSI; Karen Scherr, MSI; Matthew MacCarthy, MSIII; Jennifer Vogel, MSII; Jennifer Shaffer, MSIII; Kaitlin Rawluk, MSIII; Nina Beri, MSIII; Cecilia Ong, MSII; Stacey Schriber, MSI; Katie Yang, MSII; Amy Ehman, MSI; back



row, David Arriola, MSI; Ilya Shadrin (partial), MSII; Andrew Ishizuka (partial) MSI; David Rawson (hidden), MSII; Brandon Jackson Baird, MSII; Kunal Mitra, MSIV; Nelson Diamond, MSI; Sky Vanderburg (partial), MSI; Steven Orr, MSII

*Major Groove' performance video can be viewed at [medalum.duke.edu](http://medalum.duke.edu).*

**16** Dean Nancy C. Andrews, MD, PhD, presented a gift of appreciation to Vice Dean Edward G. Buckley, E'72, MD'77, HS'77-'81, for his leadership in planning the Learning Center.

## Learning Center Ground Breaking Ceremony

The School of Medicine held a Ground Breaking Ceremony for the new Learning Center, a six-story, 84,000 square-foot building in the heart of Duke's medical campus. Designed to accommodate team-based learning and collaborative education among students across the health professions, the new Learning Center features a student life center, high-tech simulation laboratories, a café, and a 400-seat multi-purpose event venue. It is the first new building dedicated to medical education at Duke since the School of Medicine's founding in 1930.





*Matthew Kan, MSIII*

by Whitney L. J. Howell

# ACHIEVING BALANCE

## Medicine & The Arts

BY DAY, THEY STUDY anatomy, absorb the latest research on combating acute disease, and learn best practices for managing chronic conditions. But by night and on weekends, they play instruments, dance, sing, sculpt, and act. They are Duke University School of Medicine students—and they are artists.

Although keeping up with the rigors of medical school is their number one priority, these students unanimously agree that they cannot imagine abandoning their artistic activity. It does not matter that they cannot devote the same level of time and intensity they once did. Most consider their art an integral part of their lives—and key to handling the stress of medical education.

A study presented at a 2009 Association of American Medical Colleges regional meeting found that exposure to art can improve a doctor's clinical skills. These artistic Duke physicians-in-training agree. For them, art and medicine go hand-in-hand.



*Brian Schwab, MSIII*

“The best doctors are people who are balanced and find enjoyment in something other than medicine,” says **Brian Schwab, MSIII**. “For me, if music keeps me balanced and happy, then that will be good for my patients. Staying active with music will help me express myself better and share my professional enjoyment with patients rather than thinking only about health, drugs, and surgery.”

### EXPRESSING THEMSELVES

For Schwab, the current Davison Council president, and **Jennifer Vogel, MSII**, artistic expression comes as their fingers fly across piano or organ keyboards. Although neither considered music as a career, they both carve out time weekly to play for themselves and others.

Schwab, who self-published two improvisational albums in high school and college, cut his musical teeth the way many young students do. He picked up the clarinet in the 6th grade and played in his school band. A year later, he switched to classical piano, but soon found he

had a passion for jazz and rock music. In fact, the high school rock band for which he played keyboard—Ninjas of the Kremlin—placed among the top three in a Battle of the Bands competition in his hometown of Portland, Ore.

His love of music followed him through his undergraduate career at Rice University, where he performed both as a solo artist and with a large church group. He found it impossible to escape the desire to create melodies, even while on a medical Spanish immersion trip to Mexico before his senior year. When the salsa band at his hotel took a break, he took the stage and ended up playing with the band that night.

At Duke, Schwab has continued playing church music at Mt. Moriah Baptist Church in Durham. He also has integrated into the medical school's vibrant music scene. As a first-year student, he joined two bands—Sorry Charlie, a Duke-University of North Carolina at Chapel Hill group, and the Duke-only Bill Roth & the Histones.

With plans to become a surgeon, Schwab says staying active in music will help him continue to improve his performance when he is a practicing physician. He also plays guitar and recently picked up the harmonica.

"I enjoy being able to express myself through music," he says. "Continuing to play and practice will help me develop a higher level of skills."

Like Schwab, Vogel is a pianist. But unlike him, she pursued classical music and eventually, with encouragement from her music teacher and influence from her older brother, turned her attention to the organ during her early teen-age years. A devout student of



*Jennifer Vogel, MSII*

the three B's of classical music—Bach, Brahms, and Beethoven—she admits that the organ is an unusual instrument for a young person.

"As a middle-schooler, I saw my brother play the organ, and I got jealous because it looked like it was really fun to play," says Vogel, who currently works part-time as an organist for a Durham church. "It's a really cool instrument, and it opened up opportunities for me to perform competitively, as well as to watch many great musicians play."

One such experience set the trajectory of her college years. As a rising high school senior, she attended the prestigious Aspen Music Festival and School in Colorado. During those eight weeks, she studied with other talented musicians and had free access to concerts given by international artists. The two months were inspiring, and they led her to major in music at Stanford University. Once there, she earned the trust of the music faculty and received a set of keys to the campus chapel to practice on the organ at her convenience.

But she bypassed a musical career in favor of one in health care. However, she says her years as a performer did prepare her well for medical school.

"The four to six hours I spent every day practicing and playing were great training for the long hours of being a medical student," she says. "I knew I wanted to concentrate on the enriching aspects of music—the business of music is very different than simply making music that you enjoy and love."

And, it is exactly those inspirational aspects of music that she hopes will positively impact how she practices medicine and relates to her patients. It is incumbent upon physicians

to communicate health information effectively, and being well versed in expressing emotion through music will be a benefit to patient relations, she says, especially as she is considering a career in pediatrics.

#### FINDING DISCIPLINE AND RELEASE

The double-helix structure of DNA does not often come to mind in discussions of art. A steel sculpture now outside the Bryan Center on campus proves it can be an excellent model.

Although he usually draws pulp fiction comic art, Kwadwo "Kojo" Owusu-Akyaw, T'10, MSI, deviated from his norm to create a more than 8-foot-tall structure of DNA in the midst of the process of replication. He built the sculpture in early 2010 during the last semester of his senior year at Duke University. It was placed at the front of the student center at the request of Vice Provost for the Arts Scott Lindroth and Vice President for Student Affairs Larry Moneta.

"The structure of DNA has a very

big visual appeal,” Owusu-Akyaw says, adding he only began sculpting a year ago. “I wanted to produce something that demonstrated that biology and its components can be beautiful.”

Owusu-Akyaw used conventional tools to construct the sculpture, but his long-standing artistic tool is his saxophone. He picked up the instrument as a 5th-grade student and took classical music lessons. As a high school student, he played in several All-Region Bands, as well as a classical quartet that competed at the state level.

Today, he plays in the Durham-based quartet Straight Up Jazz. He joined the group this past August, and they often perform at Broad Street Café near East Campus. The other band members

might be significantly older than he is, but Owusu-Akyaw, who admires Miles Davis but emulates saxophonist Sonny Rollins, says he thoroughly enjoys being part of the group.

“With jazz music, there’s lots of room for improvisation and expressing yourself,” he says. “You can say what you want to say. Once you know the basic rules of music, you can open up a whole new world.”

Having music as a stress-relief outlet will make him a better doctor, he says, because he often finds an inner peace when he plays. Picking up his saxophone at the end of a hard day helps him process the day’s anxieties and will likely enhance his ability to help others.

For **Matthew Kan, MSIII**, his art—

the violin he has played since age 4—has prepared him to be a strong leader. After two years of private lessons, Kan joined the San Francisco Symphony Youth Orchestra and became a concert master by the end of high school.

During his tenure with the orchestra, the group performed in Mexico, Cuba, Russia, Lithuania, and Ireland. One of the concerts they performed was *Peter and the Wolf* featuring narrators Danny Glover and Sharon Stone.

Working with famous actors was an incredible opportunity, he says, but it also required him to accept a level of responsibility unusual for someone his age.

“The orchestra is a very professional environment, and its pressures require more maturity than is often expected



*Stephanie Sheikh, MSII*

from a high school student,” says Kan, who has a clinical interest in pediatric allergy and immunology. “So, I learned leadership skills that have proven helpful as I’ve gone through the MD/PhD program, such as how to compromise and work well together, as well as how to delegate tasks.”

Kan’s love of chamber music remained with him after high school. Like Vogel, Kan, who also has an affinity for Brahms and Bach, spent two months at the Aspen Music Festival and School. In addition, he was part of the first season of Music@Menlo, an internationally acclaimed chamber music festival and institute in San Francisco, and he played with Stanford University’s Emerson Quartet.

As a Harvard University undergraduate, he played in the Harvard-Radcliffe orchestra throughout college. His musical involvement at Duke, however, has been less constant—he was unable to play during the demanding second year. Currently, he plays in the Duke Medical Orchestra, a group composed of approximately 50 Duke health care professionals, and takes private lessons from Eric Pritchard, a violinist

and professor of practice in Duke University’s Department of Music.

#### LIFTING SPIRITS

Many physicians and artists would agree there is a clear connection between the medical study of the human body and using the entire body to produce artistic expression. Singing, dancing, and acting often require total body involvement, and several Duke medical students engage in these activities frequently.

From the moment **Matthew MacCarthy, MSIII**, tried out for a role in *The Music Man* as an 8th-grade student, he has loved musical theater. His turn as first tenor in the barbershop quartet showed him the joys of acting out stories on stage with words and song. His participation in such a physically demanding art form is unique, however, because MacCarthy lives with cerebral palsy.

Rather than join a theater group as a University of Denver undergraduate, he became involved in the Physically Handicapped Actors & Musical Artists League (PHAMALY), a community theater that provides performance opportunities for individuals living with disabilities. As a group member,

MacCarthy participated in several productions, including *Oklahoma!*, *Les Miserables*, and *The Wiz*.

“The first time I saw a PHAMALY production in high school, I thought it was amazing because the shows were tweaked to accommodate and play off of the disabilities of people in the cast,” MacCarthy says. “It’s always been very inspiring to me to see people overcome their daily challenges. It takes guts to get on stage just for the love of art.”

MacCarthy says he participates in the annual Duke Medical Student-Faculty show, but his main artistic activity now is Duke’s oldest undergraduate capella group, Pitchforks. Currently, the all-male group takes up the largest chunk of his time outside of academics, with roughly four hours of practice weekly.

Being involved with Pitchforks dovetails nicely with his plan to enter pediatrics, he says. Ultimately, he wants to employ music therapy, such as singing solo for children or in groups, to enhance the medical treatment they receive. MacCarthy also sings with the medical school capella group, Major Groove, which rounds the hospital, singing for patients who want to listen. According



*Matthew MacCarthy, MSIII*





*Kwadwo "Kujo" Owusu-Akyaw, T'10, MSI*

to MacCarthy, the effects are evident.

"Music is a special tool in the art of healing," he says. "You can physically see people's spirits lift. When we sang *Deck the Halls* this past holiday season, one woman in the hospital for cancer treatment, who had been relatively non-responsive, opened her eyes wide, sat up, and was the first one to clap when we finished."

Cecelia Ong, MSII, also was part of that serenade. During her first year of medical school, Ong founded Major Groove, which is named for the major and minor grooves in DNA. In the beginning, the group, which is part of the Health Arts Network at Duke, was composed only of first-year medical students. Now, 16 to 18 students from all four years and the MD/PhD program participate.

During the holiday caroling, Ong had a similar experience to MacCarthy's. In between songs, a patient spoke up about the desire to have a doctor who sings.

"He stopped us and said, 'I want you to be my doctor. I want a doctor who can sing to bring my spirits up,'" she says.

Ong's music career blossomed when she walked up to a piano in a store unprompted and started picking out notes unassisted—her parents took it as a sign that their daughter needed an instrument. Throughout her youth, she played for her high school theater group and took up the string bass to be part of



the school orchestra.

"Piano is a solo focus, but the string bass provides the foundation for sound. You really hear the sounds of the foundations of the chords," she says. "As a soprano singer, I'm very fond of hearing the ranges of melodies these instruments provide."

Her vocal training began at age 8 in a Vietnamese youth choir under the leadership of a Vietnamese medical oncologist. It was an enlightening experience, not only because it introduced Ong to the intricacies of music, but also because it highlighted a Vietnamese musical culture previously unknown to her.

Since then, the voice and how it works has fascinated her. She is not ready to say she will be an otolaryngologist, but she does want to learn more about how vocal chords are used.

Perhaps the most physical form of art is dance. **Stephanie Sheikh, MSII**, first

studied ballet, tap, and jazz as a 4-year-old, and she competed and traveled nationally in middle school. While in high school, Sheikh participated in national competitions in New York that offered opportunities to study under the current leading dancers from the American Ballet Theatre. She also continued her art as a neurosciences, behavioral biology, and dance undergraduate at Emory University.

After being accepted to study dance in New York, Sheikh deferred medical school for a year. During that time, she learned more about how the body moves naturally and what dancers should do to expand their current abilities. She now continues her training in modern dance at Ninth Street Dance in Durham. Each class is a step along the path toward her ultimate career goal and the seamless fusion of art and medicine.

"I've wanted to be a neurologist for a long time to work with patients living with Alzheimer's and dementia," Sheikh says. "I also have an interest in working with patients who have movement disorders, because being unable to move is devastating."

For Sheikh and her classmates, no matter the art form, they firmly believe including art in their lives will not only affect them today, but it will also influence them—and their patients—for years to come. ♥

JANOO NAQVI MAY BE A FIRST-YEAR MEDICAL STUDENT, but he's pretty sure he knows a P-wave when he sees it.

"I see one right there," he says pointing to a copy of an electrocardiogram (ECG) during a recent Normal Body Course class. "But," he adds curiously, "there's not one behind every QRS."

Sitting across from Naqvi in the Duke South Amphitheatre—where nearly 100 first-year Duke University School of Medicine students are gathered for class—student Kevin Huang questions Naqvi about what he believes he sees.

"So you think those little bumps are P-waves?" Huang asks, pointing to a spot on the ECG.

"Yes," says Naqvi.

Classmate Lauren Ring suggests that the blips actually are T-waves, not P-waves. Huang and fellow first-years Thomas Paliga, Kathryn Griffin, and Marcelo Fernandes agree.

Throughout the amphitheatre, similar teams of six or seven students also ponder questions about the medical record of a fictitious patient named Mrs. R. They discuss and debate issues surrounding hypertension, heart rhythm, medication, and much more in an effort to reach a collective conclusion about what is ailing her.

But unlike a traditional large lecture hall in which conversations among students usually are carried out in hushed, almost vesper-like volumes, a cacophony of animated conversations fills the room. Laptop computers glow as students research information that could help them answer the most confounding questions about Mrs. R's health, including whether the ECG contains any visible P-waves, an issue that could dramatically affect a team's diagnosis of Mrs. R's problems.

"I think you're really straining to find those P-waves," Huang tells Naqvi.

"I agree," says Griffin. "The rhythm is between 90 and 100, so I think we could be looking at A-fib. When you have A-fib you can't see the P-waves because the heart is beating so fast."

For 10 minutes they discuss why the answer may or may not be A-fib.

Paliga reminds his teammates that they must choose just one answer among the five possibilities, and the allotted time to decide is running out. "So do we all agree that the answer is letter A—A-fib?"

Everyone looks at Naqvi.

"I don't know," Naqvi says, scratching his whiskered face. "I just feel like there are P-waves." He pauses. "But I'm willing to go with the rest of the group."

The team displays a cardboard letter A to indicate its choice.

Huang turns to Naqvi. "Hey," he says smiling. "If we're wrong it's totally my fault."

#### TEAM-BASED LEARNING FOR MED STUDENTS

The above classroom exercise is a key component of team-based learning, an educational model that stresses active learning in groups and the importance of working with others to find solutions and solve problems. It has been a staple at business schools for decades and recently has gained traction at medical schools as health care delivery moves toward team-based approaches to caring for patients.

"Team-based learning results in a deeper understanding and greater retention of the material," says Colleen Grochowski, PhD, associate dean for curricular affairs. "Collaboration is the future of health care delivery."

The Duke University School of Medicine began rolling out team-based learning for first-year students last fall in the

# School of Medicine Rolls Out TEAM-BASED LEARNING

By Jim Rogalski



First year medical student Anikia Tucker talks with her teammates during a team-based learning exercise.



For a patient case scenario, each team receives a packet with a fictional medical history and collectively decides on the diagnosis. They use a penny to scratch off their answers.



Professor Mitch Heflin, MD, and first year student Cassie Ligh discuss lesson concepts during a break between team-based learning activities.

Molecules and Cells Course. The school has gained tremendous insight into the team-based learning process from its sister school in Singapore—the Duke-National University of Singapore Graduate Medical School (Duke-NUS)—which has been committed to the teaching method since it admitted its first medical students in 2007.

In addition to the Molecules and Cells and Normal Body courses taught in the fall at Duke, the Brain and Behavior and the Body and Disease courses in the spring also will incorporate team-based learning activities.

“I think it’s absolutely essential that medical students learn to collaborate with their peers and to resolve conflicts in a constructive manner,” Ring says. “And I always walk away more confident in my understanding of the material.”

Naqvi says the future of medicine increasingly “is not going to be one doctor working alone to solve a patient’s problems. Team-based learning gives us the opportunity to apply our skills in a group setting, which is what we’re going to be doing once we’re practicing.”

**Doyle G. Graham, MD’66, PhD’71**, a visiting professor at Duke-NUS, and the director of the Body and Disease Course there, says deeper knowledge of course material and concepts is just one of the many benefits of team-based learning.

“Students also begin to think like doctors by the end of their first year,” he says.

#### HOW DOES IT WORK?

Team-based learning includes four key components:

- Individual study
- Individual readiness quiz
- Team quiz
- Patient application

Individual study takes place outside of the classroom.

Instead of sitting in a lecture hall taking notes, students are assigned book chapters and papers to read and recordings of lectures to listen to or watch online in preparation for coming to class. Or, team-based learning exercises are used as review sessions of overall course material.

Once in class, all students take the same closed-book individual readiness quiz on their laptop computers so the faculty member teaching the class can gauge students’ understanding of the material. A console at the front of the room allows the faculty member to see, in real time, which students are struggling, and which questions are giving students the most difficulty.

After the individual readiness quiz students meet in their teams and take the same closed-book quiz as a group.



Students are allowed to use textbooks, the Internet, and their notes during the patient case scenario.

At this point, none of the students knows if their individual answer was correct. Students have to explain and defend their answers to their teammates and be able to communicate the degree of certainty with which they know the material.

The faculty member moves around the room from team to team getting a sense of individual participation within the teams. Team members must come to consensus on one correct answer for each question.

“The payoff is, afterwards when students hold up what they believe is the best answer, the faculty can then engage all students in conversation about why they chose a particular answer,” Grochowski says. “As a faculty member I could say, ‘Team 1, you chose A. I want you to tell Team 2 why the answer is not C.’ In doing this, the faculty member gets to hear the reasoning, thought process, and the application of the concepts that went into Team 1’s reason why they didn’t choose C.”

The final component of team-based learning—and the one students say they enjoy most and is most beneficial—is the patient application scenario they must solve as a team. The faculty member distributes to each team the same case, and

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“THE ENERGY WITH WHICH STUDENTS TURN TO EACH OTHER AND DO THIS WORK IS PHENOMENAL TO BEHOLD. THE TEAM PROCESS NEVER CEASES TO BE FUN AND STIMULATING.”

- DOYLE G. GRAHAM

Grochowski says. “But there is just one correct answer.” A deeper understanding of the material occurs, she says, when students discuss the minutia of each potential answer.

“It’s very energetic and a high volume activity,” Grochowski says.

That’s something Graham especially likes. “The energy with which students turn to each other and do this work is phenomenal to behold. The team process never ceases to be fun and stimulating.”

Jennifer Carbrey, PhD, assistant research professor in Duke’s Department of Cell Biology, says the patient cases, “allow students to apply the concepts they’re learning in class to actual clinical cases. It’s an opportunity to stop working as

using all assets available to them—books, notes, the Internet—students work out a resolution and choose the single best answer among the choices provided.

“It’s inherent in team-based learning that there be enough ambiguity in the answers that there potentially is something correct about each answer,”



Team 14 pores over their patient's medical history.



“THE DATA CONSISTENTLY SHOW THAT STUDENTS IN A TEAM-BASED LEARNING METHOD SCORE BETTER THAN THOSE IN A TYPICAL LECTURE-BASED METHOD.”

- COLLEEN GROCHOWSKI

an individual and start working together like they will next year in the clinics.”

Students bring their own experiences and strengths to their teams, which they say enriches the learning experience for everyone.

“The clinical-oriented problems allow me to talk through the concepts we learn in class and correct any misunderstandings I might have,” Ring says.

And when faculty members pose questions to the entire class and a team says something that’s not quite right, “another team will correct them,” Carbrey says. “It doesn’t come from me, it comes from the other students. They’re learning very early to rely on and to teach one another.”

#### CHALLENGES TO OVERCOME

Progress does not come without challenges. One is selling team-based learning to faculty members who remain skeptical and favor traditional teacher-led lectures.

“Our students do very well already,” Grochowski says, “so to ask faculty to do something completely different can be a challenge.”

Her best tool for promoting team-based learning is to

demonstrate its effectiveness. Benchmarks for measuring success include students’ attitudes toward it and performance on local, national, and licensing exams.

“We’ll be monitoring our students’ performance on the exams they take in their first-year basic science curriculum and comparing them to last year,” Grochowski says.

“I anticipate the scores will be better this year. The data consistently show that students in a team-based learning method score better than those in a typical lecture-based method. Many times, it’s significantly better.”

The teaching method requires a great deal of faculty planning up-front, Grochowski and Graham say, including writing good questions and answer choices and creating quality patient scenarios that map the assigned material to the process.

“We also emphasize that the development of strong facilitation skills on the part of the faculty is hard work,” Graham says, “but absolutely necessary to effective team-based learning.”

Student surveys show strong support for the initiative at Duke, Grochowski says. “They like how prepared they are for exams, and are confident that by the end of a team-based



Students hold up letters to indicate their team's answers.

learning activity they will know the material.”

Paliga says team-based learning integrates concepts in medicine that go well beyond what students are learning in books, “and that helps to keep us motivated.”

Adds Huang: “it’s nice that we get to see our classmates all in one room talking about things. There is a community that I think a lot of people miss out on in medical school.”

A current short-term challenge is not having classroom space designed specifically for team-based activities. The Duke South Amphitheatre is not ideal because each row of desks in the half-circle layout is on a different tier. That means students must stand to interact with their teammates behind them.

The new School of Medicine Learning Center, which is currently under construction, will house an amphitheatre that contains two rows of desks per tier, allowing teammates in the forward row to spin around in their chairs and work with their teammates on the same level.

“We’re so excited that we had the opportunity to design a room that will accommodate educational innovation,” Grochowski says. The idea for the two-rowed tiers came from Duke-NUS, which quickly realized a standard lecture hall is not ideal for team-based learning.

#### MAKING THE GRADE

The bulk of Duke medical students’ grades are based on individual exam scores, but a portion of their final grades are based on the success of their teams and their individual participation in them.

Students say they have no problem with having a portion of their final grade being determined by the success of others.

“I’m perfectly comfortable with it,” Paliga says. “It’s going to be a recurring trend in life. Our performance in our careers is always going to depend on the people we surround ourselves with.”

So what happens if a team gets an answer wrong because of a particularly persuasive team member?

“If the group ends up being wrong, it’s not like, ‘See, I told you I was right,’” says Naqvi. “That’s never happened in our team. And I’ve never seen a snarky face that says, ‘I told you so.’”

And that’s a good thing, because this time, Naqvi was wrong about the P-waves, and the correct answer was indeed A-fib. ♥

## 1940s

**Henry H. Nicholson Jr., T'44, MD'47**, served as a member and chairman of the board for Charlotte Douglas International Airport from 1992-2009. Earlier in his career he spent 28 years as a command flight surgeon of the North Carolina Air National Guard. His wife Freda is former CEO of Charlotte's Discovery Place and served as chair of the American Association of Museums from 2000-2002. They have five sons, one daughter, and 14 grandchildren. Their son **John Christie Nicholson, MD'89**, and his wife **Pamela Nicholson, MD'89**, both practice medicine in Statesville, N.C.

**William P. Wilson, T'43, MD'47, HS'49-'54**, of Durham, recently published an article on miracles and an article on Christian psychotherapy. He also was listed in *Who's Who in Science and Engineering*. He and his wife Elizabeth celebrated their 60th wedding anniversary in August 2010. They have five children, 17 grandchildren, and two great-grandchildren.

**William Lies III, T'46, MD'48, HS'48-'55**, has written an autobiography, *Perfect Precious*, which is titled after the nickname his mother gave him as a child. He was the first board-certified pediatrician to practice in Dothan, Ala., where he currently resides. The clinic he established in 1967 now has 12 pediatricians, four CRNs, a satellite office, and a psychiatric office. Lies' third wife Sally died of cancer in May 2010. Altogether he has nine children, seven grandchildren, and four great-grandchildren.

**Robert L. Hallet, MD'49, HS'49-'50, DC**, retired since

2003, is no longer eligible to fly planes due to macular degeneration. He was involved in aviation from age 58 to 83. He lives in Columbus, Ohio. He has four children: Marsha is self-employed in the garment business, Michael is a urologist in Columbus, Sandra, works in real estate, and Janice works in advertising.

## 1950s

**Leonard H. Schuyler, MD'50**, retired June 2010 as clinical professor of medicine at the Weill Cornell Medical College in New York City. In November 2009 Schuyler received the Weill Cornell Medical Center Alumni Council Lifetime Dedication Award to honor his more than 50 years of service. He and his wife May have two children: Hope Schuyler Hacker, MD, is the chief of physical medicine and rehabilitation at the U.S. Veterans Healthcare System in central Texas, and Lawrence is a Colonel in the U.S. Army Active Reserves. The Schuylers recently moved to Hackensack, N.J.

**Col. William B. Jones, MD'54**, was appointed a Brigadier General in the South Carolina National Guard by Governor Mark Sanford in November 2008. He is currently the medical director of CWI Insurance Company. He and his wife Ann have a grandson, Batten Farnan, who expects to finish law school in 2011.

**Robert G. Deyton, T'51, MD'55, DC-Century**, is retired but remains active on the board of directors of the American College of Obstetricians and Gynecologists District IV and the Southern Atlantic Association of Obstetricians and Gynecologists. He and his wife **Yvonne,**

**WC'53**, have six children—four of whom graduated from Duke: **Melinda, T'76, G'79; Nancy, T'78; Catherine, T'79; and Kara, T'89**. The Deytons live in Greenville, N.C.

**David C. Mitchell, T'52, MD'55**, says retirement was a gradual process fully realized in 2006. He now is living on a horse farm in Lexington, Ky., breeding and racing Thoroughbreds. His first wife Edith (Peppy) died in 2006 and he is re-married to Helga Duffy. His son Tim is a musician and music director for the popular artist Shakira. His daughter Peyton works in advertising photography. His son David passed away recently from chronic obstructive pulmonary disease.

**Harold Simon, MD'55**, retired since 2009, is active in philanthropy and civic affairs. He serves on the Health Care Committee for the Palm Beach Civic Association. He continues to teach medical residents and enjoys traveling, playing golf, and swimming. He and his wife Jane live in New England in the summer and Florida in the winter. They have two sons and four grandchildren.

**Thomas A. Stokes Jr., MD'55**, of Durham, N.C., is enjoying retirement by playing golf, taking bluegrass mandolin lessons, and taking a yearly waterfowl hunting trip to Canada. He has three grown children and seven grandchildren. His wife Peggy passed away in June 2009.

**Thomas Byron Thames, MD'55**, completed eight years of service on the AARP Board of Directors in July 2010. He and his wife Judith live in Orlando, Fla., and have five children, eight grandchildren, and three great-grandchildren.

**Albert M. Bromberg, MD'57, HS'57-'61, DC-Century**, retired since 2001, is treasurer of the board at his condominium community, Heritage Hills, in Somers, N.Y. He enjoys making stone sculptures and won a second-place ribbon for one of his creations. He has a son, Warren; two daughters, Alison and Valerie; and seven grandchildren. Warren is chief of urology at Mt. Kisco Medical Group and was previously elected Father of the Year by the American Diabetes Association. Past honorees include Gen. Douglas MacArthur, Larry King, and Tim Russert.

**Hunter G. Strader Jr., MD'58**, retired, lost Helen, his wife of 54 years, in August 2010. He lives in Lexington, N.C.

**Floyd L. Wergeland Jr., MD'58, DC**, received the International Eye Foundation's 2010 Promotion of Peace and Vision Award for an Ophthalmologist at the American Academy of Ophthalmology's annual meeting in Chicago, Ill. Over the summer he took his 17-year-old step-grandson, Gus, to a Duke University baseball camp, where Gus was offered a spot on the baseball team at Columbia University.

**Alonzo H. Myers Jr., T'55, MD'59, DC**, serves as a councilor for Virginia for the Southern Medical Association. He and his wife Dorothea live in Roanoke, Va. They have four children and eight grandchildren.

## 1960s



▲ **William C. Cooper, Jr., MD'60, DC**, retired in August 2009 after practicing general pediatrics for 43 years in eastern North Carolina. He and his wife Janet have three children—**Audrey, T'83, William, and Elizabeth**—and live in Rocky Mount.

**Peter M. Duvoisin, MD'60**, and his wife **Jane, N'57**, recently completed sailing the 6,000 mile long Great Loop, which took them up the East Coast through the Great Lakes and south on various rivers. They live in Chattanooga, Tenn.



▲ **Elaine Eyster Dye, WC'56, MD'60, DC**, lost her husband **Robert, T'50**, in March 2010. She lives in Hershey, Pa., and enjoys traveling, cooking, and golfing. Her son Robert Jr. lives in Menlo Park, Calif., with his partner Alyona and his three children. He is a fund manager for a private investment company. Dye's son Charles—an associate professor of medicine in gastroenterology



at Penn State Hershey Medical Center—and his wife Angie live in Hershey with their three children.



▲ **J. Fletcher Lee, MD'60, HS'60-'67, DC**, is enjoying retirement by reading, traveling, building model ships and airplanes, and, more recently, duck decoy carving and painting. He and his wife Barbie live in San Antonio, Texas. They have 14 grandchildren between them.



▲ **William Weston III, MD'60, HS'60-'61, '62-'63, DC**, retired in 2004 and now focuses much of his time on supporting a Christian school in Augusta, Ga., that provides quality education to children of lower-income families. He served five years on the Ex Libris Society Executive Committee of the University of South Carolina-Columbia and participates in a Tuesday morning men's prayer group. His wife Elise writes children's novels. The couple lives in Augusta and enjoys "twilight

golf" in the North Carolina mountains and traveling in Europe. They have five children and 12 grandchildren.

**W. Taylor Johnson, T'58, MD'61**, has a grandson, Brett Taylor Kirchner, who now is a freshman in the Duke Biomedical Engineering Program. Johnson and his wife Bettie live in Wilmington, N.C.

**Robert K. Yowell, MD'61, HS'64-'69, DC-Century**, served as the 2008-2010 assistant district governor for Rotary District 7710. He also was a member of the executive committee of the Annual Southern Obstetric and Gynecology Seminar in Asheville, N.C. His wife **Barbara, BSN'62**, is retired but continues to work. They have three children and six grandchildren. Their son **Robert T, T'88**, is CEO of Gemini Sports in Phoenix, Ariz. Their daughter **Sally Barbour, T'90**, works in oncology at Duke. **Charles, T'92, MD'00, HS'00-'06**, practices urology at Baptist Hospital in Pensacola, Fla.

**C. Thomas Caskey, MD'62, HS'63-'65, DC**, has been elected a Fellow in the Division of Life Sciences of the Royal Society of Canada Academy of Science. He lives in Houston, Texas.

**Alden W. Dudley Jr., T'58, MD'62, HS'62-'63, '65-'67**, retired, continues to teach pathology at the Via College of Osteopathic Medicine in Blacksburg, Va. He also grades patient interviews conducted by medical students. He lives in Roanoke.

**Benton S. Satterfield, MD'62**, of Raleigh, N.C., is a life member of both the Wake County Medical Society and the board of the Triangle Chapter of

the American Red Cross. He and his wife Emma have five children: Benton Jr., Robert, Elizabeth Carson, William, and Thomas Bart.

**Tolbert S. Wilkinson, MD'62, HS'62-'64**, has expanded his tattoo removal program into 10 states and five countries. The program has a new website ([wilkinsontattooremoval.com](http://wilkinsontattooremoval.com)). Wilkinson will soon begin a study with Duke and the University of Chicago. His daughter Priscilla, who works with the police department in New Orleans, recently had her first child. He has a granddaughter who was successfully treated for a brain aneurysm at Duke. His son Scott spends much of his time in Japan conducting research.



▲ **A. Everette James, MD'63**, and his wife Nancy Farmer recently attended a reunion of the 1965-'66 Vietnam unit of the U.S. Army's 93rd Evacuation Hospital. It was the fourth reunion of the unit since the 1960s and was held in Crystal Lake, Mich. James and Farmer live in Chapel Hill.



▲ **Frederic H. Gerber, MD'65**, has worked part time in breast cancer imaging since retiring from full-time practice in 2000. Part-time work has given him and Zenta, his wife of 52 years, the freedom to travel to Antarctica, Europe, and the Middle East. Their son David, who earned a master's degree in public programs planning and management from the University of Oregon, is now engaged in projects to improve the lives of the homeless in Eugene, Ore. Their son Mike is a psychologist who performs diagnostic evaluations and prescribes interventions for young children of drug and alcohol-abusing mothers in central California. They have one grandchild.

**D. Patrick Currie, MD'66, HS'66-'68, '70-'73**, retired from his private urology practice in Winston-Salem, N.C., in 2007. He now divides his time between Naples, Fla., and at the Elk River Club in Banner Elk, N.C. He and his wife Nan have two daughters, Marion and Margie and one stepson. They have four grandchildren and three step-grandchildren.

**Fred A. Crawford Jr., MD'67, HS'67-'68, '71-'76, DC-Century**, of Mount Pleasant, S.C., stepped down from his administrative positions at the Medical University of South

Carolina (MUSC) in Charleston in June 2009. He previously served as chief of the Division of Cardiothoracic Surgery for 30 years and as chairman of the Department of Surgery for 19 years. He now is a distinguished university professor at MUSC and continues to teach and practice. In their free time he and his wife Mary Jane enjoy golf, fly fishing, and their family farm. Their son **Fred Crawford III, T'92, MD**, is a cardiologist in Boulder, Colo., and their daughter Mary Beth Ausman has an educational consulting firm in Charlotte, N.C.

**Herbert E. Segal, MD'67**, of Raleigh, N.C., left his half-time position at Jewish Family Services and is now considering starting a nonprofit organization that focuses on frail, needy, and isolated seniors. His son **Dan, T'98**, recently became the international counsel for RTI International. Dan, his wife Lenor, and their son Jack relocated to Raleigh from Manhattan.

**Harold B. Kernodle Jr., MD'69, DC**, is planning to complete another transatlantic sail from the Mediterranean in 2011. He previously completed the journey in 2006. He continues to practice orthopedics at the Kernodle Clinic in Burlington, N.C. His wife **Lucy, BSN'69**, is the head school nurse for Alamance-Burlington schools. They have two children. **Carey K. Anders, MD, HS'02-'08**, is an assistant professor of medical oncology with a focus on breast cancer at the UNC Lineberger Comprehensive Cancer Center. Katherine K. Bannon is a senior account manager at IT Staffing in Boston, Mass.

## 1970s

**James C. Ballenger, MD'70, HS'70-'71**, a forensic psychiatrist in Charleston, S.C., says, "to my continued amazement I continue to be able to chase my 8-year-old son around and be his basketball coach and scout leader." Ballenger also has two older sons who practice law in Washington, D.C. He says he had his 15 minutes of fame on television as the lead expert in the 2005 trial of Christopher Pittman, who at age 12 murdered his grandparents with a shotgun. The trial brought to light concerns over prescribing anti-depressants to children. Pittman was convicted in 2005 at the age of 16.

**W. Richard Schmits Jr., MD'70**, of Mount Olive, N.C., serves as secretary of the South Goldsboro Gideons Camp. He has four children: Ted, Gretchen, Lisa, and Tim, and seven grandchildren.

**William T. Smith, MD'70**, of Wooster, Ohio, retired in May 2009 after spending 36 years in family practice. Now his time is spent learning to fly-fish, reading, gardening, bicycling, and hiking. He and his wife Rebecca have three children and five grandchildren.

**D. Craig Brater, T'67, MD'71, HS'70-'71, DC**, the dean of the Indiana University School of Medicine, has been appointed to the newly created position of president for university clinical affairs. In this role, Brater will chair the University Clinical Affairs Cabinet, which consists of the deans or heads of the university's main clinical units, including the schools of medicine,

nursing, dentistry, optometry, and health and rehabilitation sciences. He also will be responsible for ensuring that all clinical activities are coordinated with the university's key partners, including Clarion Health, the Wishard Health System, and the Roudebush Veteran's Affairs Medical Center. He and his wife Stephanie and daughter Aimee live in Indianapolis.

**Robert J. Margolis, MD'71, HS'70-'72, DC**, is the immediate past chair of the National Committee for Quality Assurance (NCQA) and a past chair of the California Hospital Medical Center, the American Medical Group Association, and the California Association of Physician Groups. He and his wife Lisa have three children. Michelle is an attorney. She and her husband Mack have two children, Jacob, 8, and Amanda, 4. **David, MD'01**, is a physician in Chapel Hill, N.C. He and his wife Aimee have a daughter, Lillah, 1. James is a businessman. He and his wife Nicole have a daughter, Jessie, 1.

**Elwood W. Hopkins III, MD'72, HS'72-'73**, completed a course in contemporary medical acupuncture and has now performed approximately 1,000 acupuncture treatments. He plans to take the board exam for the American Board of Acupuncture in March. He recently returned from a six-month deployment to Kuwait. Outside of work, he enjoys riding his motorcycles every day. He and his wife Judy, who recently completed a triathlon, celebrated the arrival of their fifth grandchild in 2010. The couple is also in the process of

moving Elwood's 94-year-old father from Pennsylvania to live with them in their Bremerton, Wash., home.

**John M. Peterson, PhD'68, MD'72**, of Rock Island, Ill., developed an interest in wound care, and after taking a number of diving and hyperbaric medicine courses sponsored by Duke's Divers Alert Network and the Undersea and Hyperbaric Medical Society (UHMS), he has become qualified to work part time in the wound care clinic at Trinity Medical Center in Illinois. He says he finds the work to be a challenging and enjoyable addition to his career. His son Mark was married on July 4 in Massachusetts. Mark and his wife earned their PhDs in computational biology at the University of California, San Francisco, and are currently working as science and technology fellows in Washington, D.C.

**Robert S. McConaughy, MD'73, HS'73-'74**, retired from Boy Scout leadership of Troop 33B in Seattle, Wash., after 15 years. His son Joe is a freshman at Boston College and runs cross country and track. His son Will is moving to Arizona to study at Pima Community College.

**Charles O. Beauchamp III, PhD'73, MD'75**, of Chapel Hill, is currently a hospitalist with Central Regional Hospital in Butner, N.C. He retired from the Durham Veterans Affairs Medical Center in 2007 after a total of 30 years of VA general medicine service. He spent the following year working with the Public Health Training Program

at Wright State University in Dayton, Ohio. While there, he revised the "Population Health, Prevention, and Outcome Analysis" course for first-year medical students to include a new way of approaching clinical prevention by redefining factors that affect the onset of, progression, and recovery of and from disease. His wife **Patty, PhD'75**, works at the UNC bookstore in Chapel Hill. Their daughter Jean is a special education teacher in Portland, Ore. Son Jeff, who experienced anoxia brain damage at birth, works as a busboy and participates in the National and International Special Olympics. Their son David is back in college and helps his dad assemble course materials.

**Mary Ann Forciea, MD'75**, is director of the Geriatric Education Center at the University of Pennsylvania Health System and has an office and home care academic practice. She and her husband Steven Douglas, MD, have two daughters. Hope is a second-year veterinary medicine student at Penn, and Annie is a junior at Harvard University.

**A. Reif Kessler II, MD'75**, practices in a small, five-person, general surgery group based at the Lewis Gale Hospital in Roanoke, Va. He and his wife Susan have been married for 25 years. They have two children: Andrew is an engineering student at the University of Cincinnati, and Eric is a high school senior.

**Robert A. Shaw, T'72, MD'76, DC**, of Greenville, N.C., recently returned to academic medicine in 2010 in the Department of Pulmonary, Critical Care, and

Sleep Medicine at East Carolina University School of Medicine, where he is now co-director of the "Introduction to Medicine" course and is initiating a team-based learning program.

**Thom A. Mayer, MD'77, DC-Century**, of Fairfax, Va., is the medical director of the National Football League (NFL) Players Association. He is responsible for all medical issues relating to active or retired players and was responsible for revising the treatment and return-to-play guidelines for NFL players. He and his wife Maureen have three sons: **Josh, L'10**, is an attorney with Boies Schiller; **Kevin, T'09**, is a 2nd Lt. in the U.S. Marine Corps, Infantry Division, currently serving in Afghanistan; and **Greg** is a student at McDaniel College, where he is on the lacrosse team. The Mayers have one grandchild.

**David Ginsburg, MD'78**, of Ann Arbor, Mich., has been recognized with the 2010 award for Distinguished Research in the Biomedical Sciences from the American Association of Medical Colleges. Ginsburg is the James V. Neel Distinguished University Professor and the Warner-Lambert/Parke-Davis Professor in the departments of internal medicine, pediatrics and human genetics at the University of Michigan Medical School in Ann Arbor. He is certified in four specialties: hematology, oncology, internal medicine, and clinical genetics. He has devoted his career to finding better ways to treat inherited bleeding and clotting diseases.

## Daughter's Transplant Shows Rawl, MD'71 the Other Side of Medicine

On a routine day John C. Rawl, MD'71, can treat or perform surgery on 20 to 40 patients. But April 10, 2009, was anything but routine for the Columbia, S.C., urologist. That was the day he found himself outside the OR, rather than in, waiting for hours as Duke surgeons took his daughter's life in their hands.

Born with cystic fibrosis, Rawl's adult daughter, Susannah Cole, had lived a fairly normal life, becoming a successful lawyer and even having a child through a surrogate. But by the fall of 2008 her health started to decline. She began to experience resistant pneumonia, was less mobile, and required more oxygen. On top of all this she also had more difficulty controlling her diabetes.

Rawl says at this point his daughter had only two options: a lung transplant or death.

Physicians in Charleston, S.C., referred her back to Duke, and the whole family pulled together to give her the support she needed.

Fortunately, Susannah spent only seven days on the transplant list before a donor was found, and the surgery was a success. Just three days after the transplant, Susannah was able to clock herself walking up to three miles around the hospital floor without additional oxygen.

Rawl says all his years of medical training and practice didn't quite prepare him to experience medicine from the other side. It gave him a new perspective, both as a father and as a surgeon.

"It was a very painful experience to watch your child deteriorate," he says.

Susannah's surgery forced Rawl to have conversations many parents aren't prepared to have with their children, particularly about a living will.

"All of this is routine for the caregivers," Rawl says, "but it has affected my way of looking at disease."

**"All of this is routine for the caregivers, but it has affected my way of looking at disease."**

— John C. Rawl

families spend as much time as possible with patients while in the hospital, partly because they are the ones who can often help the physician communicate with the patient and vice versa.

"You have to pay attention to the family," he says.

Regardless of the distance, Rawl says



John C. Rawl and his daughter, Susannah Cole

As a partner with Columbia Urological Associates, Rawl is accustomed to referring patients to other physicians and medical centers, including Duke. However, because of his experience with Susannah's illness, he's now more likely to take into consideration distance and the toll it might have on patients and their families. Rallying around Susannah in Durham was imperative for her recovery, but the distance was a challenge.

"I now realize the impact it has on a family, being disrupted and uprooted to another town," he says. When referring patients "if it's something I can accomplish locally, I'll try a lot harder."

He's also more insistent on having

in the end he was happy his daughter was referred to Duke pulmonologists and grateful for the expert care she received.

Today Susannah is doing well and back in Columbia, focused on caring for her son and her own health.

Rawl and his wife Lynn live in Lexington, S.C. In addition to Susannah's son, they have three other grandsons with daughter Amy, who is a cardiologist in Columbia and practices with Stanley Juk, Jr., MD'71, HS'73-'75.

— Bernadette Gillis



▲ **Jared N. Schwartz, MD'74, Ph.D'75, HS'73-'77, DC-Century**, has been named the 2010 Pathologist of the Year by the College of American Pathologists (CAP). It is the organization's highest honor. Schwartz received the award in recognition of his strong leadership of CAP during his term as president from 2007-'09, and his service as a member and chair of numerous committees and councils. He is chief medical officer for Aperio, a provider of digital pathology solutions, in Vista, Calif. He also is a consulting professor in the Department of Pathology at Stanford University. He and his wife Diane have two children, Rachael and Sarah, and live in Charlotte, N.C.

## 1980s

**Alan Steven Klein, MD'80**, of Denver, Colo., is now a volunteer pediatrician at a local free clinic in one of Denver's poorer sections, after having spent 30 years practicing academic pediatric critical care in Gainesville, Fla., and pediatric anesthesiology in Denver. Outside of medicine he enjoys adventure bicycling—including

taking a two-month journey around Italy—climbing, doing ski patrol at Copper Mountain Resort, and golfing.



▲ **Chalmers M. Nunn Jr., T'76, MD'80, HS'80-'85**, has been named president of the American College of Physician Executives. He is chief medical officer of Centra Health in Lynchburg, Va., and recently assumed the role of president of Centra Medical Group, which employs 160 physicians. He and his wife **Katy, BSN'78**, live in Lynchburg and have three children: Chelsea, a University of Virginia graduate, was recently married and relocated to Burlington, Vt., Meg is a graduate of the University of Georgia and works for Spanx in Atlanta, and John attends Liberty University in Lynchburg.

**Douglas J. Sprung, MD'80, HS'80-'83, DC**, has returned to solo practice with his wife

Denise as office administrator. They have also begun a new venture, adding the Rice Diet of Central Florida as part of their gastroenterology practice. Their abstract on the effect of the Rice Diet on gastroesophageal reflux disease (GERD) was accepted by the American College of Gastroenterology. Further information is available at [ricedietcf.com](http://ricedietcf.com) and [thegas-trogroup.com](http://thegas-trogroup.com). He and Denise have been married for 32 years and live in Maitland, Fla. Their daughter Katherine lives in New York City, where she works as a DJ, and their son Greg is a second-year medical student at Duke.

**Giles F. Whalen, MD'80**, is vice chair of the Department of Surgery and chief of the Division of Surgical Oncology and Endocrine Surgery at the University of Massachusetts. He and his wife Lynn and their four children recently moved into a new home on a lake in Sutton, Mass.

**Randall W. Moreadith, MD'81, HS'87, '90**, has been appointed chief executive officer of Serina Therapeutics in Huntsville, Ala. He will lead the company's business and financial strategy and oversee drug development, including clinical and regulatory strategies. Moreadith previously was chief development officer at Nektar Therapeutics; executive vice president and chief medical officer of Cardium Therapeutics; chief medical officer of Renovis; and co-founder, president, and chief operating officer of ThromboGenics.

**Steve W. Schwartz, T'77, MD'81**, of Denver, Colo., has recently released Flunada, a nose and throat spray for influenza. The spray has proven 99 to

99.7 percent effective against both the H1N1 and H5N7 viruses. It will work against both seasonal and pandemic influenza. The first production runs of small volume started in 2010, and commercial quantities will be available in 2011.

**Rosanne P. Kappa, MD'82**, of Kingsport, Tenn., and her husband **Jeff Kappa, T'78, MD'81**, celebrated 30 years of marriage over the summer. They have four children: Stephen is attending Vanderbilt University in a combined MD-MBA program; David is a third-year medical student at Emory University; Jason is a senior at Yale majoring in biomedical engineering and is applying to medical school; and Lauren is a freshman at the University of Miami majoring in flute performance.

**William L. Gottesman, MD'83, HS'83-'86, DC**, who retired from medicine in 1997 and now manages his own sundial company called Precision Sundials LLC, in Burlington, Vt., won the 2010 Sawyer Sundialling Prize for Excellence in Sundial Making. He hosted the 2010 North American Sundial Society conference in Burlington. Gottesman and his sundials were featured in a past issue of DukeMed Alumni News. To read the story go to [medalum.duke.edu](http://medalum.duke.edu) and click on "Alumni Profiles."

**Virginia Byers Kraus, MD'83, HS'83-'89, PhD'93**, a Duke professor in the Department of Medicine-Rheumatology and Immunology, is president-elect of the Osteoarthritis Research Society International. She is



▲ **Bruce M. Freedman, T'79, MD'83, DC**, and his son **Michael, T'10**, recently summited Mt. Elbrus in the Caucasus Mountains in southern Russia. At 18,510 feet it is the highest point in Europe. Bruce is a plastic surgeon in McLeansville, Va., and Michael is working for the U.S. Naval Warfare Center in Washington, D.C. as a chemist.

working on finding ways to better diagnose and ameliorate osteoarthritis in its many forms. Her husband **Bill Kraus, MD'83, HS'83-'88**, is director of clinical research and a professor in the Department of Medicine-Cardiology at Duke. They have two children—**Julie, T'09**, and Erik, who is a freshman at Harvard.

## 'Bone Doctors' Find Cure for the Common...Barbecue

An orthopedic surgeon walks into a grocery store carrying a flask of red liquid...

It may sound like the start of a tacky joke, but that's exactly how **Bruce Wilhelmsen, MD'79**, spends most weekends.

In his free time, the Greenville, N.C., orthopedic surgeon peddles a tasty red potion to grocery and specialty stores. The concoction won't cure rickets or treat snakebites, but it does have mock-medicinal properties according to its motto:

"A Cure for the Common Barbecue."

Wilhelmsen and long-time orthopedic surgeon friend David Heilbronner, MD, of Charlottesville, Va., call themselves The Bone Doctors. They have combined their love of cooking and barbecuing to create Bone Doctors' Barbecue Sauces—a trio of sauces, each with a unique medley of spices they say enhances the flavor of meat rather than masking it.

"It's a wonderful hobby," Wilhelmsen says. "This barbecue stuff is just fun. I try to add a new store each week."

Heilbronner says he's been cooking for as long as he can remember. It's his main source of relaxation when he's away from his surgery practice. Heilbronner pitches the sauces to potential customers in Virginia, while Wilhelmsen focuses on North Carolina east of Raleigh.

"We pack it in our pick-up truck and minivan and basically make cold calls," Wilhelmsen says. "When I tell them I'm an orthopedic surgeon and have a product called Bone Doctors' Barbecue Sauce, it certainly catches their attention."

The duo and their families became fast friends in 1983 when the two docs were residents at the University of Virginia. They shared a love of cooking—Wilhelmsen's particular interest is traditional smoked barbecue. The two surgeons constantly swapped recipes and tried out new dishes with their families. After residency when they eventually opened their own orthopedic surgery practices in different states, they remained close recipe-sharing friends.

The notion to start a commercial barbecue sauce venture first germinated about five years ago when Heilbronner hosted a fundraiser for his daughter's high school soccer team. During weekends one summer he sold barbecue sandwiches at the local soccer park and raised \$3,000 for the team's trip to Italy.

Selling barbecue sauce, however, seemed much more doable.

Over the next year-and-a-half they worked on several sauce recipes, tweaking ingredients and sending samples back and forth until they had something special. They initially produced their sauces in their home kitchens, packaged them in bottles they bought at

**"We pack it up in our pick-up truck and minivan and basically make cold calls..."**

– Bruce Wilhelmsen



Bruce Wilhelmsen and some of his original sauces

closeout sales, and printed labels on inkjet printers. They sold them at fundraisers and gave them as gifts.

Then, last year, they decided to go bigger.

"It's one thing to have a fundraiser, but going commercial was a big deal and carries a lot of regulation," Wilhelmsen says. So the Bone Doctors hired a firm in Lewisburg, N.C., to manufacture and bottle the sauces for them. Last November they had their first run of 1,300 bottles for each flavor. They recently completed their third run.

In keeping with the medical theme, the bottles are reminiscent of gold-rush-era miracle potion bottles that resemble flasks. The label on the Original Recipe bottle carries a photograph of William Hammond, the surgeon general of the U.S. Army during the Civil War.

Bone Doctors Barbecue Sauces recently expanded into Maryland when a patient of Wilhelmsen asked to sell the sauces at his family's convenience store there.

They harbor no aspirations of getting rich off of their barbecue sauces, but are keen to just enjoy the adventure.

"We still love medicine," Wilhelmsen says. "We just saw this as a challenge and are having a lot of fun with it."

*Wilhelmsen is a surgeon at Orthopedics East and Sports Medicine Center in Greenville. He and his wife Lisa Brenner have two children—Anna, who works in restaurant marketing and advertising in Los Angeles; and Jon, who graduated from UNC-Wilmington in December.*

*Bone Doctors Barbecue Sauce can be purchased at [bonedoctorsbbq.com](http://bonedoctorsbbq.com)*

– Jim Rogalski

**Antronette K. Yancey MD'83, HS'82-'84**, was appointed to the Board of Directors of the Partnership for a Healthier America, which supports First Lady Michelle Obama's "Let's Move" anti-obesity campaign. Yancey's second book, *Instant Recess: Building a Fit Nation 10 Minutes at a Time*, was recently published by the University of California Press. She lives in Los Angeles, Calif.

**Preston M. Dunnmon, T'80, MD'84, MBA'02**, and his wife **Kara Haas Dunnmon, T'80**, learned recently that their son **Jared Dunnmon, E'11**, was awarded a prestigious Rhodes Scholarship. The Rhodes scholarships, which are more than a century old, cover all expenses for two or three years of study at Oxford University in England. Past winners include former President Bill Clinton, singer/songwriter/actor Kris Kristofferson, and Bill Bradley, a Hall of Fame basketball player and a former U.S. senator. Preston is a medical officer with the U.S. Food and Drug Administration in Silver Spring, Md., and a member of the Duke Medical Alumni Council. Both Preston and Kara are members of the Duke University School of Medicine Learning Center Steering Committee. They live in Alexandria, Va.



▲ **Virginia Neil Gibbons Barber, MD'85**, of Crozet, Va., took a detour from her standard gynecology practice when she traveled to the remote Spiti Valley in the Indian Himalayas for a medical mission in June. She and her colleagues, made up of 27 first-year medical students, five doctors, and one dentist, treated 1,400 patients in nine clinic days. Barber spends her free time hiking, playing music and tennis, and doing yard work. Her oldest son, Walt, is a junior at Guilford College, where he plays rugby. Her other son, Pete, a high school junior, is the varsity kicker for his football team, sings in a jazz group, and enjoys beatboxing.

**Sophia M. Chung, T'81, MD'85, DC**, began serving as director of the American Board of Ophthalmology in January 2011. She recently completed her 20th year as a full-time faculty member at Saint Louis University School of Medicine in Missouri. Her practice is limited to neuro-ophthalmology. She has received a number of teaching awards from both the departments of ophthalmology and neurology and a Distinguished Teaching Award from the School of Medicine. Her husband John B. Holds, MD, practices oculoplastic and orbital surgery. He is one of three such subspecialists in St. Louis. They have two children:

Jack, 16, is an accomplished tennis player and musician; and Audrey, 14, also plays tennis and sings.

**Roslyn B. Mannon, MD'85, HS'85-'90, DC**, and her husband **Peter Mannon, MD, HS'83-'89**, have relocated to Birmingham, Ala., after spending eight years at the National Institutes of Health. Now at the University of Alabama at Birmingham (UAB), Roz was promoted to professor of nephrology and also has an appointment at the Veterans Affairs Hospital. Her practice is now transplant-focused, and UAB has one of the largest volume kidney transplant programs in the U.S. As director of research she maintains a portfolio of NIH-sponsored clinical and translational studies as well as industry-sponsored trials. The Mannons' are often on the road attending their daughters' lacrosse tournaments in places like Tampa, Atlanta, and Spartanburg. Their oldest daughter, Ellie, is 16 and driving.

**Thomas A. Mustoe, MD'85**, practices cardiology in "John Steinbeck country" in Salinas and Monterey, Calif. He is looking forward to playing golf during retirement, but is too busy now with work, family, and aviation, having earned a private pilot's license in July. He continues to enjoy skiing and is progressing toward a milestone

of helicopter skiing one-million vertical feet for the second time in British Columbia. His wife Liz has opened a photography and website design business and designed a website for Mustoe's practice. They have three daughters, ages 11, 13, and 15.

**James F. Wiley II, T'81, MD'85, DC**, is the in-house physician editor for adult and pediatric emergency medicine at UpToDate, a clinical decision support resource for doctors. He also practices emergency medicine at Connecticut Children's Medical Center in Hartford. He and his wife, **Catherine Clinton Wiley, T'80, MD'84**, live in Glastonbury, Conn. Their youngest daughter, Elizabeth, is now a freshman at Duke.

**Stuart G. Marcus, MD'87**, was recently appointed senior vice president and chief medical officer at St. Vincent's Medical Center in Bridgeport, Conn. He and his wife Hilary have two children, Sydnee, 15, and Zachary, 13, who celebrated his Bar Mitzvah in December.

**Sarah A. Myers, MD'89, HS'89-'93**, was recently promoted to vice chair of faculty development for the Department of Dermatology at Duke. She and her husband, **Barry Myers, MD'89, PhD'91, B'05**, recently moved into a new home in Durham. They enjoy sailing in the Caribbean and at Lake Gaston in North Carolina with their two children, ages 16 and 13.

**Brandon M. Peters, MD'89, HS'89-'92**, and his wife Cindy Ballinger celebrated the birth of their twin sons, David and Scott, in July 2010. Peters is a physician with Northeastern Family Medicine in Elizabeth City, N.C., where the family lives.

## 1990s

**Pamela K. Woodard, T'86, MD'90, HS'95**, professor of radiology at Washington University School of Medicine in St. Louis, Mo., will lead one of four projects in an \$18 million research Program of Excellence in Nanotechnology awarded by the National Heart, Lung, and Blood Institute. Her project, "Nanomaterials for Imaging and Treatment of Cardiovascular Diseases," will develop nanoparticles to help physicians detect early atherosclerosis.

**Marc R. Garfinkel, T'88, MD'92, HS'96-'97**, has joined the faculty at Southern Illinois University (SIU) School of Medicine as associate professor of general surgery. He has special training and experience in liver, kidney, and pancreas transplantation and dialysis access surgery. Prior to joining SIU he was on faculty at the University of Chicago as director of the Islet Transplant Program.

**Raj S. Pruthi, MD'92**, has been promoted to chief of the Division of Urologic Surgery within the Department of Surgery at UNC-Chapel Hill. In addition to his new role as chief, Pruthi is an associate professor of surgery and director of urologic oncology. He also serves as disease group leader for the Genitourinary Oncology Program at the UNC Lineberger Comprehensive

Cancer Center. He and his wife Kathy live in Chapel Hill.

**Jeffery S. Johns, MD'95**, is entering his fourth year as one of four national item writers for the board certification exam for spinal cord injury medicine, which is a subspecialty within the American Board of Physical Medicine and Rehabilitation. His wife Gigi recently accepted a position at their church as director of contemporary music and leads the contemporary praise band with her guitar and vocals each Sunday morning. The couple's twins, Sydney and Avery, are in the third grade, and daughter Virginia is in kindergarten.

**Anjali S. Advani, MD'96, HS'96-'02**, of Cleveland, Ohio, has been promoted to associate professor at the Cleveland Clinic Lerner College of Medicine. She was recently engaged and will be getting married in May.

**Allyson T. Tevzian, T'92, MD'96**, works as an allergist in private practice in Pleasanton, Calif. Her husband **Steven G. Verbinski, MD'96**, is a hospitalist at St. Rose Hospital in Hayward, Calif. The couple lives in Livermore, Calif., with their two children, Sebastian, 6, and Anastazja, 4.

**Michael B. Wallace, MD'92**, recently became chair of the Department of Gastroenterology and Hepatology at the Mayo Clinic College of Medicine in Jacksonville, Fla. The college has an active research program focused on optical imaging of early gastrointestinal neoplasia. He and his wife Claudia have three children aged 9, 12, and 15, who are big Duke basketball

fans. The family lives in Ponte Verde Beach, Fla.

**Sylvia I. Becker-Dreps, MD'97**, recently received a National Institutes of Health Fogarty Career Development Award to study the effectiveness of the rotavirus in Nicaragua. She currently is an assistant professor in the Department of Family Medicine at UNC-Chapel Hill. She and her husband Chris live in Durham with their children, Sophia, 8; Thomas, 6; and Eva Brook, 2.

**Courtney D. Thornburg, T'94, MD'98**, of Durham, was promoted to associate professor of pediatrics at Duke in January 2010.

**Eva D. Littman, T'94, MD'98, HS'98-'02**, started her own in vitro fertilization center in Las Vegas named Red Rock Fertility Center. Her husband **Jason Burke, MD, HS'97-'01**, is chief of the Department of Anesthesia at the Las Vegas Veterans Affairs Medical Center. They have two daughters and live in Las Vegas.

**Anthony S. Rhorer, MD'99, HS'99-'04**, served as an international visiting professor in Beijing, China, in July 2010. He also serves as a liaison for the Arizona State Trauma Advisory Board and was named a 2010 Top Doctor by Phoenix Magazine. He lives in Scottsdale.

## 2000s

**Erica Peterson, MD'00, HS'00-'04**, and her husband Bart recently moved to Lincoln, Neb., from Palo Alto, Calif., to be closer to family. They have a 20-month old son, Colton, and were expecting a second son in November or December. Erica primarily stays home with the children but also enjoys doing occasional fill-in work in primary care as an internal medicine and pediatrics physician.



▲ **Ashutosh A. Pradhan, MD'00, HS'06, DC**, and his wife Sala welcomed their first child, Nina, in 2010. Pradhan is a physician at St. Vincent's Medical Center in Jacksonville, Fla., where the family lives.

**Brett Wu, MD'00, DC**, completed a five-year residency and is now a faculty member at New York Medical College. He spends his free time learning medical Spanish and total immersion (TI) swimming. He also enjoys time with his wife Claire and their two children, Bryant and Caitlyn. The family lives in Scarsdale, N.Y.

**Jeffrey I. Zaref, MD'00, MPH**, practices pediatrics at Southboro Medical Group, a multispecialty group practice in the MetroWest region of Boston, Mass. He sees an

interesting mix of patients and gets the opportunity to speak Spanish and Portuguese each day. Southboro Medical Group is part of Atrius Health, and Zaref has been a proponent of the group's wide-scale implementation of a fully electronic medical record. He is now chair of the Atrius Pedi Design Committee on record use. He and his wife Alisa have been married since 1999. A licensed independent clinical social worker, Alisa stays at home to care for the couple's daughters, Maya, 4, and Rachel, born March 2010. The family lives in Framingham, just outside of Boston.

**Deverick J. Anderson, MD'01, HS'01-'06**, was one of 16 medical experts chosen by the QuantiaMD community to receive its esteemed Community Choice Award for innovation and excellence in sharing knowledge. QuantiaMD is an online physician-to-physician learning collaborative where physicians engage, share, and learn from experts and each other. More than 1,000 peers rated Anderson's presentation on infectious diseases and infection control with five stars. Anderson is an assistant professor of medicine-infectious diseases at Duke. He lives in Chapel Hill with his wife Ann and their son Henry.

**Harriett P. Burns, MD'04**, and her husband Walter welcomed their second child, William Franklin, on July 16, 2010. Franklin joins his sister Sara Ross, 3. The family lives in Chapel Hill.



▲ **Lauren S. Livingston, MD'06**, and her partner **Karen "Keri Beth" Livingston, T'02**, welcomed the birth of their second child, Jude, recently. In photo at top, from left, are Lauren and Keri Beth; at bottom, from left, are Ezra and Jude. Lauren is a family physician with Community Family Practice in Asheville, N.C., and Keri Beth is a stay-at-home mom and part-time photographer.

## 1940s

**Roy M. Whitman, HS'47-'48**, recently had his medical license restored after being ill for two years following a double knee replacement. He is a professor emeritus of psychiatry at the University of Cincinnati in Ohio. He has five children.

## 1960s

**Martin J. Kreshon Sr., MD, HS'57-'60, DC**, and his family founded a charity golf tournament in 2005 in honor of his wife Yolanda, who died from metastatic malignant melanoma. Over the past five years the family has raised \$252,000 for melanoma awareness and research at the Carolina Healthcare Foundation. The tournament is held every June in Charlotte.

**Sushil S. Lacy, MD, HS'63-'65**, has been named the 2010-2011 president-elect of the American Urological Association. He lives in Lincoln, Neb.

**Joel R. Temple, MD, HS'60-'67**, of Dover, Del., spends his time focused on family, church, and medical practice. He and his wife of 52 years, Mary, have eight children and 18 grandchildren. Their 19th grandchild recently died shortly after birth.

**R. William McConnell, MD, HS'65-'69**, and his wife Mary Raab-McConnell, MD, donated and raised money to build the American Cancer Society McConnell-Raab Hope Lodge in Greenville, N.C. The lodge—which looks like a Southern mansion—provides no-cost housing for cancer patients being treated in the Greenville area. McConnell's first wife, Kathryn, died of cancer in

1994. William has four children and Mary has three. They live in Greenville.

**Joseph C. Parker Jr., MD, HS'68-'69**, was awarded a 2010 Golden Apple by the pathology residents at the University of Louisville School of Medicine, where he is director of the pathology residency program. He has also served as a mentor for the Swope Summer Scholars Program at the Virginia Military Institute. He practices neuropathology with his son John Parker, MD, at the University of Louisville and has two granddaughters, Taylor Parker, 9, and Riley Cooper, 4.

## 1970s

**Terry D. King, MD, HS'66-'70**, has been honored by Louisiana State University with the establishment of the Terry Dean King Lectureship in Pediatric Cardiology. In 1972 King invented the cardiac umbrella, a device used to close holes in the heart. He currently is director of pediatric cardiology at St. Francis Medical Center in West Monroe, La. He and his wife Nancy have five children and 14 grandchildren and live in West Monroe.

**Stephen G. Romeo, MD, HS'67-'70**, retired since 2000, continues to enjoy traveling, photography, fly fishing, golf, and cross training. He recently moved into an over-65 community in Tolland, Conn. His middle daughter and son-in-law recently moved to South Florida. His youngest son continues to lead his age group in ski mountaineering with two years on the U.S. team. His oldest daughter works in Boston, Mass.

**E. M. Singleton, MD, HS'71**, retired since 2005, currently volunteers with the Arkansas County Doctor's Museum and lectures on history and medicine. He previously practiced ophthalmology in Fayetteville, Ark., from 1971-2005.

**Richard M. Thaller, MD, HS'71-'72**, currently serves as clinical professor of pediatrics at Baylor College of Medicine in addition to being a member of a group practice. He and his wife Karen live in Houston, Texas.

**Robert S. Adelaar, MD, HS'71-'76**, serves as chairman of the Department of Orthopedics at the Medical College of Virginia at Virginia Commonwealth University in Richmond.

**Robert L. Phillips, MD, HS'76-'77**, of Vestavia, Ala., is chairman of the board for the Alabama Eye Bank. His oldest son David is a second-year MBA student at Duke's Fuqua School of Business. His son Michael is an investment banker. His daughter Jennifer teaches second grade in the Mississippi Delta with Teach for America.

**Jorge L. Lockhart, MD, HS'73-'78**, was promoted to chairman of the Department of Urology at the University of South Florida College of Medicine in September 2009. He lives in Tampa Fla.

**C. Bruce Alexander, MD, HS'75-'79**, professor and vice chair of the Department of Pathology at the University of Alabama in Birmingham, is the president-elect of the American Society of Clinical Pathologists. He has been an active member of the organization since 1982 and has served in numerous roles, including chair of the Commission on

Assessment Committee and on the board of directors. He lives in Birmingham.

**David F. Boerner, MD, HS'76-'79, B'00**, is vice president of medical affairs at Wilson Medical Center in Wilson, N.C. He commutes to Wilson from his home in Raleigh, N.C., and is working on establishing affiliations with various health care systems. He and his wife Jean have a "busy and fulfilling" family life, with three married children and two grandchildren.

## 1980s

**Gregory D. Cascino, MD, HS'79-'82**, has been named the recipient of the Whitney MacMillan, Jr., Professorship in Neuroscience at the Mayo Clinic College of Medicine in Rochester, Minn. Cascino is the chair of the Division of Epilepsy in the Department of Neurology at the Mayo Clinic. He lives in Rochester.

**Andrea R. Gravatt, MD, HS'79-'82**, recently was promoted to clinical associate professor of pediatric medicine at the University of Washington School of Medicine. She currently is employed by Multicare Health Systems and is an attending physician at Mary Bridge Children's Hospital Department of Emergency Medicine. She lives in Seattle.



▲ **Howard N. Short, MD, HS'80-'83**, has been made an Honorary Marine by General James T. Conway, 34th Commandant of the United States Marine Corps. Short is the president and medical director of Advanced Sight Center in Washington, Mo. He is a founding member and current president of the Missouri Friends of Injured Marines, which supports the national Injured Marine Semper Fi Fund (IMSFF). The IMSFF is a non-profit organization set up to provide immediate financial support for the families of Marines and Navy Corpsmen injured in Iraq and Afghanistan. Since its forming in 2005, the Missouri Friends of Injured Marines has raised nearly \$1 million for IMSFF. Just seven others have been named Honorary Marines in the past four years. Other awardees include actors Chuck Norris and Jim Nabors.

**James W. McManaway III, MD, HS'89**, purchased and remodeled commercial office space in Hershey, Pa., in spring 2010 and moved his practice to the new location in June. He has been named one of the Best Doctors in America every year since 2001. He and his wife Cynthia, A'78, have two children. Ann graduated with honors from American University in 2009 and now works for



Deloitte & Touche in San Jose, Calif. Alyssa attends Roanoke College in Salem, Va.

**Paul Walter Misch, MD, HS'89**, has been appointed senior vice president of ambulatory and primary care at Beaumont Hospitals in Sterling Heights, Mich. He lives in Rochester, Mich.

## 1990s

**Michael P. Flanagan, MD, HS'87-'90**, a physician with Penn State Medical Group, currently is helping to create a branch campus of the Penn State Hershey College of Medicine in State College, Pa. It will involve expanding the family medicine program to three sites, doubling the number of family medicine faculty, and establishing a new residency in family medicine. His wife Cindy is a research nurse coordinator at Penn State. They have two children—Coral, 17, and Drew, 14—and live in Port Matilda, Pa.

**J. Brantley Thrasher Sr., MD, HS'91-'92**, of Leawood, Kan., is a member of the Residency Review Committee for Urology, a trustee for the American Board of Urology, and secretary of the Society of Urologic Oncology. He is also the South Central Section representative for the American Urological Association Board of Directors. His son is a sophomore at the University of Kansas, and his daughter is a high school junior who competes in a cheerleading league.

**Pierre V. Tran, MD, HS'88-'92**, has been appointed chief medical officer at Euthymics Bioscience, Inc. based in Cambridge, Mass. Euthymics is a clinical-stage company developing next generation antidepressants.



Snow covers the newly painted bridge in the Culberson Asiatic Arboretum at Sarah P. Duke Gardens

Tran formerly was the global medical director for Eli Lilly and Company's Joint Antidepressant Group, where he was involved in the life-cycle management of fluoxetine (Prozac). He also oversaw the clinical development effort that resulted in the successful regulatory approval of duloxetine (Cymbalta). He most recently served as chief medical officer and vice president of clinical development at Cortex Pharmaceuticals in Irvine, Calif.

**Imhotep Kevin-Anthony Carter, T'84, MD, HS'92-'93**, recently decided to leave private practice and return to public service. He now works with incarcerated inmates at Dixon Correctional Facility in Illinois, which he says he finds more professionally and personally fulfilling. He and his wife Katrina have four children. Ann-Gelle, 23, is attending medical school at Indiana University. Ajamu, 20, attends the

University of Illinois at Chicago. Azmera is 7, and Adesa is 5.

**Marcel R. M. Van Den Brink, MD, HS'91-'93**, is head of the Division of Hematological Oncology at Memorial Sloan-Kettering Cancer Center in New York.

**Orlando E. Silva, MD, HS'91-'94**, received the Outstanding Hispanic Award at The American's First Annual Hispanic Forum, held Dec. 2 in Washington, D.C. The forum gave the opportunity for American Hispanics to play an important role in shaping the conservative dialogue in the western hemisphere. It was hosted by Newt Gingrich, the former Speaker of the U.S. House of Representatives. Silva is an oncologist at Braman Family Breast Cancer Institute at Sylvester Comprehensive Cancer Center in Miami and associate professor of medicine at the Jay Weiss Center for Social Medicine and Health Equity at the

University of Miami School of Medicine. He lives in Coral Gables, Fla.

**J. Michael DiMaio, MD, HS'97-'98, DC**, is the founder of the biotech startup company, Spectral MD in Dallas, Texas. He also was the first in North Texas to use the da Vinci robot for thoracic surgery. His wife Ruth continues to raise money for Duke Medicine. Their daughter Melissa and her husband live in Roanoke, Va., with their son Max, 2.

## 2000s

**Douglas J. Wyland, MD, HS'95-'01**, presented papers at American Orthopaedic Society for Sports Medicine, American Academy of Orthopaedic Surgeons, and Southern Orthopaedic Association meetings in 2010. He is a partner with Steadman Hawkins Clinic of the Carolinas in Greenville, S.C. He and his colleagues frequently work with orthopedic residents from

the Greenville Hospital System and run their own sports medicine fellowship. His wife Meica is a neonatologist. They live in Simpsonville, S.C., with their four children: Isabella, 7; Jack, 5; Samuel, 3; and Katelyn, 1.

**Edmund S. Kopetz, MD, HS'01-'04**, earned a PhD in cancer biology from the University of Texas MD Anderson Cancer Center in December 2009. He currently is an assistant professor at MD Anderson.

**Robbie D. Buechler, MD, HS'01-'05**, has completed a fellowship in epilepsy and sleep medicine at the Mayo Clinic and is now chief of neurology at a community hospital in Spartanburg, S.C. where he lives with his wife Jennifer—a clinical psychologist—and their two children—Savannah, 6, and Luke, 5.

Full obituaries can be found on the Medical Alumni Association website at [medalum.duke.edu](http://medalum.duke.edu).

Please click on the magazine cover, then click on obituaries.

**Ritchie H. Belser MD'46, HS'46-'48, '51-'58**, died December 17, 2010, in Charleston, S.C. He was 90. Dr. Belser served in the Army Medical Corps for two years. He went on practice orthopedic surgery in Charleston for 31 years. During that time he served on the staff of Roper Hospital, St. Francis Hospital, and Baker Hospital and as a clinical faculty member at the Medical University of South Carolina. In 1984 he was named South Carolina's Clinical Professor Emeritus of Orthopedic Surgery.

**Dale J. Benos, PhD'76, HS'78**, of Birmingham, Ala., died suddenly of natural causes on October 7, 2010. He was 60. Dr. Benos was a noted scientist and chairman of the University of Alabama at Birmingham (UAB) Department of Physiology and Biophysics. He joined UAB in 1985 and was named chair of physiology and biophysics in 1996. His other numerous positions included serving as senior scientist with UAB's Gregory Fleming James Cystic Fibrosis Research Center. From 2006-2007 he served as president of the American Physiological Society.

**Wilmer C. Betts, MD'48, HS'48-'52**, of Raleigh died November 7, 2010. He was 85. Dr. Betts served both in the U.S. Navy and the U.S. Army. He began practicing psychiatry in 1955, becoming the second psychiatrist to enter into private practice in Raleigh. He served as president of the medical staff of the Wake County Mental Health Clinic and was on the medical staff of Charter Northridge Hospital. He was well known for treating patients with addictions and obsessive compulsive disorder.

**Charles M. Buckner Jr., MD, HS'61-'63**, of Lakeland, Fla., died of cancer on December 27, 2010, at his home. He was 78. Dr. Buckner served in the U.S. Air Force as a captain at Langley Air Force Base in Virginia. He began medical practice in Lakeland in 1963.

**Herbert L. Corse, MD'49**, of Atlantic Beach, Fla., died December 18, 2010. He was 88. Dr. Corse served in the Korean War and earned the rank of Captain. He practiced medicine in the Riverside area of Jacksonville, Fla., for many years and later worked for the Department of Health in Jacksonville before retiring to Atlantic Beach in 1989.

**Andrew Deiss Jr., MD'56**, formerly of Lexington, Ky., died December 25, 2010, at his home in Salt Lake City, Utah, after a short illness. He was 80. An oncologist and hematologist, he was at one time a colonel in the U.S. Army Reserve.

**Dan J. Feriozi, T'44, MD'48**, died of cancer on August 21, 2010, at his home in McLean, Va. He was 90. Dr. Feriozi served as a medical doctor in the U.S. Navy during the Korean War. He practiced in Arlington, Va., for more than 25 years. He also served as chief of the pathology staff at the National Health Laboratories and for many years gave physical exams to pilots as a medical examiner for the Federal Aviation Administration.

**Joe B. Hall, MD, HS'48-'50, '55-'56**, of Prairie Grove, Ark., died August 4, 2010. He was 84. The first internist in the Fayetteville, Ark., area, Dr. Hall played an important role in helping Washington Regional Medical Center add departments such as nuclear medicine, physical therapy, medical records, and home health. In 1994 he helped establish the Arkansas Country Doctor Museum, where he volunteered in several roles. He conducted 80 oral history interviews of country doctors, patients, and nurses for the museum's video library.

**Robert O. Harris III, MD, HS'74-'75**, of Mobile, Ala., died October 11, 2010. He was 87. Prior to completing a fellowship at Duke, Dr. Harris served as a flight surgeon in the U.S. Army Air Corps and practiced pediatrics in Mobile for many years. Early in his career he helped organize a series of 90 polio vaccine clinics. He later became a board certified allergist-immunologist.

**Alfred H. Kent, T'49, MD'53**, of Auburn, Ala., died August 11, 2010. He was 85. Dr. Kent served in the U.S. Army in France and Germany during WWII. He also served in Vietnam from 1968-1969. He retired from the Army in 1973 after having served for 20 years. He then relocated to Auburn, Ala., and practiced general and thoracic surgery at the Surgical Clinic in Opelika, Ala., until retiring in 1987.

**Herbert D. Kerman, T'38, MD'42, HS'42-'43, '46-'49, DC-Lifetime**, of Daytona Beach, Fla., died on December 23, 2010, at his home after a short illness. He was 93. Dr. Kerman's career included conducting research at the Oak Ridge Institute of

Nuclear Studies, where he helped design and build one of the first versions of a Cobalt radiation therapy unit. He also served as chief of radiology at Halifax Hospital in Daytona Beach for many years and developed the community's first cancer treatment center, the Herbert D. Kerman Regional Oncology Center at Halifax Hospital.

**Dwight T. Kernodle, MD'47**, of Elon, N.C., died December 2, 2010. He was 86. During WWII Dr. Kernodle served as a medical technician in the U.S. Army. He practiced at the Kernodle Clinic, specializing in internal medicine until retiring after 35 years.

**Harold C. Lane, T'48, MD'53**, of Rutherfordton, N.C., died December 27, 2010. He was 88. Dr. Lane served in WWII and became the Navy's youngest chief pharmacist mate. He was the first practicing pediatrician in Rutherford County, where he served for more than 30 years. He also was a licensed pilot and avid sailor.

**Eugene J. Linberg, T'44, MD'48, HS'52-'56**, of Naples, Fla., died August 24, 2010. He was 86. Dr. Linberg served as a surgeon overseas during the Korean War. His career also included serving as assistant dean and professor of surgery at the University of Maryland in Baltimore. In 1970 he helped start the University of South Florida's thoracic surgery residency training program at Tampa General Hospital, and in 1971 he joined the medical staff at Naples Community Hospital, where he spent 20 years.

**Walter C. Lusk II, MD, HS'54-'58**, of Los Angeles, Calif., died October 3, 2010. He was 84. Dr. Lusk served in the U.S. Navy as a lieutenant. In 1958 he went into private practice with his brother John in Greensboro, N.C. He also was an instructor in medicine at Duke and established the Medical Education Program at Moses H. Cone Memorial Hospital in Greensboro. He joined the Kaiser Permanente Medical Group and later was an assistant professor at the University of California, Los Angeles, and the University of Southern California.

**Kenneth S. McCarty Jr., T'68, MD'72, PhD'73, DC-Century**, of Pittsburgh, Pa., died October 15, 2010 after a 15-month battle with a rare, aggressive cancer. He was 62. Dr. McCarty practiced at Duke in both internal medicine/endocrinology and pathology. While there he researched the

hormonal aspects and treatment of breast disease. Later he served as a professor of pathology at the University of Pittsburgh Medical Center.

**Zachariah B. Newton III, MD, HS'63-'68**, of Flowery Branch, Ga., died August 28, 2010. He was 73. Dr. Newton served as president of staff and chairman of the obstetrics and gynecology department at Georgia Baptist Hospital, member of the Northside Hospital Executive Committee, founding partner of Peachtree Women's Clinic, and member and president of the Carter Society of Obstetrics and Gynecology.

**Aldrich H. Northup, MD'49**, of Pensacola, Fla., died on November 28, 2010. He was 84. Dr. Northup was a flight surgeon in the U.S. Navy and served on the *USS Roosevelt*. He later maintained a private general practice in Pensacola and served as the Escambia County medical examiner. He went on to become a physician on the staff at the Navy's family practice clinic until his retirement.

**Mila Oh, MD, HS'00-'02**, died May 26, 2010, in Montreal, Quebec, Canada, of complications from breast cancer. She was 40. Dr. Oh practiced ophthalmology at McGill University in Montreal. Diagnosed with breast cancer in 2007, she continued to care for patients in clinic just a week before she died. She also continued to contribute to Chowhound, an epicurean website, where she had developed many fans.

**Lloyd H. Robertson Jr., MD'60, HS'60-'65**, of Salisbury, N.C., died November 11, 2010, after a long battle with Alzheimer's disease. He was 76. Early in his career, Dr. Robertson practiced at the Salisbury Urological Clinic. He later served as president of the medical staff at Rowan Regional Medical Center in 1987 and retired in 1991.

**Walter M. Roufail, MD, HS'62-'66**, of Winston-Salem, N.C., died August 19, 2010, after a long illness. He was 75. Born in Cairo, Egypt, Dr. Roufail worked in private practice in Winston-Salem until 1996. He then joined the faculty at Wake Forest University School of Medicine, where he taught for 10 years. Upon his retirement he was named professor emeritus of internal medicine-gastroenterology. He also served as director of senior services of Winston-Salem and as a trustee of Blue Cross & Blue Shield of North Carolina.

**Andrea Marie Scalise-Gordy, MD, HS'92**, of Winston-Salem, N.C., died November 3, 2010, after a long battle with breast cancer. She was 54. She served in the U.S. Navy as a lieutenant commander and an ophthalmologist. She also served during Operation Desert Storm. After leaving the Navy, she practiced in Newport News, Va., Albany N.Y., and New Jersey before settling in Winston-Salem, where she practiced at the Center for Sight.

**Raymond E. Schipke, MD, HS'49-'51**, of West Hartford, Conn., died November 26, 2010. He was 88. Dr. Schipke served in the U.S. Navy in World War II. He was in private practice for 38 years in West Hartford and treated patients at Hartford, St. Francis, Mount Sinai, and John Dempsey hospitals. His pro bono work included treating children with leukemia and hemophilia at Newington Children's Hospital. He served as an assistant professor of clinical medicine at the University of Connecticut School of Medicine for more than two decades.

**William H. Sellers T'37, MD'41**, of Anniston, Ala., died August 24, 2010. He was 96. Dr. Sellers served as a surgeon in the U.S. Navy during WWII, including service in the South Pacific on Kanton Island between Hawaii and Fiji. He went on to practice medicine for 48 years.

**Barry Shmovonian, PhD**, a former Duke University School of Medicine faculty member, died October 12, 2010, at Wissahickon Hospice in Philadelphia, Pa., of complications from a fall. He was 83. Dr. Shmovonian taught at Duke for 10 years before joining the faculty at Temple University in Philadelphia in 1968. As a professor of medical psychology at Temple, he conducted groundbreaking research in biofeedback. After retiring in 1992 he saw patients in private practice for many years.

**T. Lacy Stallings Jr., T'50, MD'54**, of Oriental, N.C., died August 9, 2010. He was 83. Dr. Stallings's medical career included serving as president of the medical staff at Wake Medical Center and chief of surgery at Wake Medical Center and Rex Hospital. He was a founding partner of Wake Surgical Consultants of Raleigh. After retirement, he served on the Board of Directors for Hospice of Pamlico County from 1988-2009.

**William I. Stryker, MD, HS'58-'59**, of Sarasota, Fla., died September 23, 2010.

He was 81. Dr. Stryker had a private medical practice in St. Louis, Mo., until retiring in 1990 to Sarasota, where he remained active and served as a consultant at the Catholic Center.

**Barney F. Timmons, MD, HS'49-'53**, of Charlotte, N.C., died August 28, 2010. He was 89. After his Duke residency, Dr. Timmons was an instructor in the Department of Ophthalmology at Duke in 1963. He went on to practice in Hartsville, S.C., specializing in diseases of the eye, ear, nose, and throat. He also served as chief of staff at Byerly Hospital in Hartsville and as president of the United Way of Hartsville. He was active with the Red Cross, Kiwanis Club, and his church.

**Richard H. Velaj MD'84**, died at Stamford Hospital in Connecticut on October 14, 2010. He was 52. Dr. Velaj served as president of Greenwich Radiological Group, a senior member of the Greenwich Hospital Peer Review Committee, and a member of the Board of the Greenwich Medical Building for many years. A clinical radiologist, he also had a special interest in neuroradiology.

**A. W. Vogel, MD, HS'49**, of Glenolden, Pa., died December 4, 2010, of heart failure. He was 89. Dr. Vogel spent two years in the U.S. Army Medical Corps. An ophthalmologist, he first opened his practice in 1970 and retired in 1990. He was well known for practicing from his Glenolden residence for 20 years. In 1974 he spent a year in Pakistan, where he performed cataract surgery as part of a British volunteer mission. He also spent another year treating indigenous Indians in Alaska.

**Disque D. Deane**, former Duke University Trustee, died November 8, 2010, in Boston, Mass. He was 89. Mr. Dean, who attended Duke University, established the Deane Laboratories in Neurobiology at Duke. The Deane Laboratories are dedicated to biochemical and cellular research in the quest for new treatments for Alzheimer's, Parkinson's, Huntington's and other diseases, including epilepsy. A senior partner of Lazard Freres & Co., Mr. Deane and a colleague restructured and financed Starret City, a 5,881-unit model community in Brooklyn, N.Y., which is the largest and most successful affordable housing community in the U.S.

1572225

## Learning Center Construction Starts

The bulldozers arrived on February 2nd and began excavating the site for the new School of Medicine Learning Center.

The \$53 million, six-floor, 84,000 square-foot building will house teaching clinical labs, a ground floor auditorium, and flexible, state-of-the-art classrooms with moveable walls and chairs to accommodate team-based learning activities. An entire floor will be dedicated to simulation laboratories that can transform from mock clinical exam rooms to surgery suites to emergency rooms. A student life center will offer students from across the medical campus places to gather, dine, study, and converse.

It is located at the heart of the medical campus, in close proximity to the medical library as well as the new Duke Medicine Pavilion and Duke Cancer Center, both now under construction.



A tree-lined promenade will open to a plaza in front of the new building and will serve as an important thoroughfare from the medical research campus on Research Drive to the Duke School of Nursing and Duke Clinic building on Trent Drive.

Completion is targeted for late 2012. For more information, please visit [medalum.duke.edu](http://medalum.duke.edu).