Inside:
Tear-Out Booklet of
Thomas Jefferson
University Facts
Arthur Michael Feldman MD, PhD has been named the Magee Professor and Chairman of the Department of Medicine. He joins Jefferson on July 1 from the University of Pittsburgh, where he was the Harry S. Tack Professor of Medicine, Chief of Cardiology at the University of Pittsburgh School of Medicine, and Director of the Cardiovascular Institute of UPMC Health System.

"Arthur Feldman's proven leadership ability and boundless energy, coupled with his superior reputation as a clinician scientist, will be assets to Jefferson as we embrace the challenges of the new millennium," said Thomas J. Nasca '75, Dean of the Medical College.

Dr. Feldman received a bachelor's degree in 1970 from Gettysburg College, a doctor of philosophy degree in 1974 from the University of Maryland, College Park, and a doctor of medicine degree in 1981 from Louisiana State University School of Medicine in Shreveport.

He was an intern, resident and cardiology fellow at the Johns Hopkins Hospital in Baltimore. At Hopkins, he rose to become director of the Heart Failure Research Program in the Division of Cardiology and director of the Belfer Laboratory for the Molecular Biology of Heart Failure at the Johns Hopkins University School of Medicine. He joined the UPMC Health System in 1994.

Dr. Feldman has a longstanding interest in both the molecular and clinical aspects of congestive heart failure. At the molecular level, he has been attempting to identify genes that serve as markers for CHF, while at the clinical level, he has studied the use of genetically engineered proteins to treat the disease. Among many advances in his research, he has generated transgenic mice that overexpress TNF and develop congestive heart failure.

Dr. Feldman is currently principal investigator for several National Institutes of Health grants that support these interests. At the clinical level, he chairs the Steering Committee of the PEECH trial evaluating the efficacy of enhanced external counterpulsation, the EMOTE trial assessing the benefits of inotropic agents in the treatment of heart failure, and serves as co-chair of the COMPANION trial, a multi-center study in 2200 patients evaluating the use of biventricular pacing for the treatment of heart failure.

Dr. Feldman is a fellow of the American Heart Association and of the American College of Cardiology. He is President of the Association of Professors of Cardiology for 2002-2003, is the immediate past President of the Heart Failure Society of America and is a councilor of the Association of University Cardiologists. He serves on numerous American College of Cardiology and American Heart Association committees. He also co-chairs the American Heart Association Task Force on Translational Medicine and Functional Genomics.

He currently serves on the editorial boards of the Journal of the American College of Cardiology, Journal of Molecular and Cellular Cardiology, Heart Failure Review, Journal of Cardiovascular Pharmacology and Therapeutics, Journal of Cardiac Failure and Heart Failure. He is senior editor of Congestive Heart Failure.

Dr. Feldman is the author of numerous articles and book chapters on heart failure and related topics. He also serves on the Board of Trustees of Gettysburg College.

Merli Named Senior Associate Dean

Geno Merli '75, who has been widely admired for his contributions to the Department of Medicine during his term as interim Chair, will take on new responsibilities as Vice Chair for Clinical Affairs in the Department of Medicine and Senior Associate Dean for Continuing Medical Education at Jefferson Medical College. He will also resume his previous role as the Ludwig Kind Professor and Director of the Division of General Internal Medicine at Jefferson Medical College and Thomas Jefferson University Hospital.
Callahan Appointed Vice Dean for Academic Affairs

Clara A. Callahan PD’82 has a new post as Vice Dean for Academic Affairs at Jefferson Medical College.

Dr. Callahan, a Clinical Associate Professor of Pediatrics, previously served as Senior Associate Dean for Admissions and Student Life and the Lillian H. Brent Dean for Students.

She has distinguished herself during the past 20 years at Jefferson, focusing on improving medical school and postgraduate training. She has also endeared herself to the medical students by taking a personal interest in their progress. The 1992 senior class presented a portrait of Dr. Callahan to the university.

Dr. Callahan completed the Culpepper Fellowship in Ambulatory Pediatrics at Thomas Jefferson University Hospital and has been on the Jefferson faculty since 1982. She joined the dean's staff in 1987.

Weigel Will Be Vice Chair of Surgery and Director of the New Breast Center

Ronald J. Weigel MD, PhD has been recruited as Vice Chair of Surgery and Director of the newly established Breast Center at Thomas Jefferson University Hospital.

Dr. Weigel, who previously served as Associate Professor of Surgery at the Stanford University School of Medicine, was also named the first Francis E. Rosato Professor of Surgical Oncology, and Chief of Surgical Oncology at Jefferson’s Kimmel Cancer Center.

"Dr. Weigel will help develop a strategic plan for breast care at Jefferson, as well as enhancing the research and academic programs in the Department of Surgery," said Donald Dafoe MD, the Samuel D. Gross Professor and Chair of the Department. “Having Dr. Weigel here will have a tremendous impact on Jefferson's continued ability to provide the best care and treatment for breast cancer and other breast diseases.”

Dr. Weigel's research has focused on hormone responsive diseases. Nationally recognized for his expertise in thyroid and parathyroid surgery, Dr. Weigel's research efforts have made major advances in understanding how estrogen affects breast cancer growth. Dr. Weigel said his goal for the Breast Center is to have both clinical research and care programs located within one facility. As part of that goal, Dr. Weigel said he hopes to see additional radiation and medical oncologists recruited for the Breast Center. “We want to make it easier for patients to obtain the best care and treatment possible,” Dr. Weigel said.

As a successful recipient of National Institutes of Health funding for the last 10 years, Dr. Weigel has conducted research utilizing breast cancer as a model for the study of hormone responsive tumors. The American College of Surgeons has recognized his outstanding contributions to surgical research by presenting Dr. Weigel with the George H. Clowes, Jr. Memorial Research Center Development Award for the past five years.

Dr. Weigel has served as a research fellow for the American Surgical Association and has been an Associate Editor of the Journal of Surgical Research and a member of the editorial board of the Annals of Surgical Oncology.

Dr. Weigel completed his surgical training at Duke University Medical Center and also completed a postdoctoral fellowship in Microbiology and Immunology at Duke. In 1986, Dr. Weigel received both a doctor of medicine degree and a doctor of philosophy degree in molecular biophysics and biochemistry from Yale University. He earned a bachelor of science degree and a master of science degree in chemical engineering from the Massachusetts Institute of Technology.
Herbert Kean Endows Chair in Otolaryngology

Herbert Kean OTO ’60, Clinical Professor of Otolaryngology, has made a commitment to Jefferson Medical College to establish an endowed chair in the Department of Otolaryngology-Head and Neck Surgery. The new chair, to be known as The Herbert Kean MD Chair in Otolaryngology, will support the activities of the chairman of the department.

Recently retired, Dr. Kean’s association with Jefferson is now in its fifth decade. After completing his postgraduate training in otolaryngology and plastic facial surgery at Jefferson, he returned to become a member of the faculty in 1969. He performed the first outpatient procedure at the Jefferson Surgical Center in 1986, as well as the 50,000th outpatient procedure in 1998.

“This very generous gift is a demonstration of Herb’s longstanding commitment to the continuing growth and vitality of the department,” says William M. Keane MD, Professor and Chairman of the Department of Otolaryngology-Head and Neck Surgery. “As an outstanding clinician and educator he has touched the lives of hundreds of resident physicians. His endowing of a chair is a manifestation of his dedication to our department and guarantees that his legacy of superb patient care coupled with education and research will endure.”

Dr. Kean hopes his contribution will set an example for others. “I had two purposes in making this gift, which is for the Department of Otolaryngology,” he explains.

“First, it was a way for me to repay a debt to Jefferson for the training that led to success in my specialty. I was a resident at Jeff, and I got a wonderful education in my residency.”

“My second goal in doing this was to make life easier for the chair of the department. The current chair is Bill Keane, of course. Bill is an excellent chair, probably the best in the country. I’m especially close to him because his goals for the future of the department are so similar to my own.”

Expressing appreciation for this funding of a new professorship, Thomas J. Nasca ’75, Dean of Jefferson Medical College, said, “The establishment of endowed chairs is essential to the future of JMC, and it is especially significant when a chair is funded by one of our faculty. In fact, this is one of the few chairs – perhaps even the first – to be funded by a JMC faculty member during his or her lifetime. Herb Kean’s gift will strengthen our already outstanding department and chair.”

Jefferson Receives $1.5 Million to Establish Scholarship

Ruth N. Cooper appreciated the dedication of her physicians, Leonard S. Davitch ’43, Honorary Clinical Assistant Professor of Medicine, and David L. Paskin ’64, Professor of Surgery, Senior Associate Dean for Graduate Medical Education and Associate Dean for Affiliations. Ms. Cooper also appreciated the importance of the education that prepared physicians for their profession.

Now, Jefferson and its students are beneficiaries of her gratitude. Following her death in 2001, her estate provided $1.5 million (with additional funds anticipated) to create the Ruth N. Cooper Scholarship Fund at Jefferson, and also bequeathed $5,000 to the Department of Internal Medicine in honor of Dr. Davitch.

"Tuition fees cover only part of the actual costs of medical education, and our students and their families often have limited resources," said Susan Batchelor, University Director of Financial Aid. "Private scholarships established by friends such as Ms. Cooper are vital to our financial aid program, and enable new generations of students to benefit from the excellence of a Jefferson education. We are very grateful for her kind generosity."

Ms. Cooper, one of five children of the late Elsie and Maurice Cooper, is survived by her sisters, Sally Bleznak and Joan Sall, and her brother, Norton Cooper. The Ruth N. Cooper Scholarship is the second award at Jefferson that honors a member of the Cooper family. The Jerome J. Cooper Scholarship was established in memory of Ms. Cooper’s other brother by their mother, Elsie, and Jerome Cooper’s widow, Delphine Cooper Chomitz.

Scholarship donors derive satisfaction from honoring their loved ones while helping Jefferson to prepare future generations of physicians. To learn how you can create such a legacy, please call Fritz Ruccius or Lisa Watson Repko of Jefferson Trusts and Estates, toll free, at 1-877-JEFF GIFT (1-877-533-3443). You may also e-mail your questions to jeff.trust@mail.tju.edu or visit the Jefferson Trusts and Estates website at http://jeffline.tju.edu/tjuweb/tju/jeffgiving/plangiv.htm

Low Dose Chemotherapy Has Anti-angiogenic Effects

New studies in mice indicate low doses of chemotherapy drugs given more frequently than usual and in tinier doses may target the process by which a new blood supply is created feeding tumor growth, called angiogenesis.

Most cancer therapies are traditionally used in the highest possible doses, explains Adam Dicker MD, PhD, Associate Professor of Radiation Oncology. But anti-angiogenesis drugs have caused people to rethink chemotherapy. Dr. Dicker and others have previously published research showing that using chemotherapy in lower than usual doses can have antiangiogenic effects in the laboratory.

In a recent study, Dr. Dicker, former graduate student Torian Williams, and their co-workers at Jefferson and GlaxoSmithKline in King of Prussia, Pennsylvania, filled osmotic pumps the size of pencil erasers with low concentrations of paclitaxel (Taxol) and docetaxel (Taxotere). Such pumps allow drugs to diffuse continuously slowly. They
Steven Farber PhD, Assistant Professor of Microbiology and Immunology, and Director of the Kimmel Cancer Center Zebrafish Facility, is a young investigator who gives two reasons for his fascination with zebrafish.

A recent Pew Scholars Program recipient, Farber uses them in his innovative genetic research. So named because of their zebra-like stripes, these are tiny fish, growing to no longer than one and one-quarter inches. Research scientists like Farber think these animals are key to understanding and treating many diseases affecting humans because their genes are nearly identical to human genes. Abundant and accessible in the laboratory, they develop rapidly following birth, growing in less than a week from a single cell to a swimming larva with all organs complete.

However, the magic that makes the zebrafish unique for research purposes is that, during their first week of existence, their bodies are literally transparent, allowing scientists to view their bodily processes using modern microscope technology. More importantly for scientists, the zebrafish genome can be mutated readily. Dr. Farber explains that with much of the human genome sequenced now, zebrafish provide scientists with an excellent model to study the function of many human genes, and to apply this new information to human diseases.

Dr. Farber’s second reason to be excited about zebrafish is their value for instilling a love of science in young children because, as Dr. Farber knows well, kids love zebrafish. Currently, he arranges and conducts tours of the Jefferson facility for young children on a regular basis, letting them peer at the fish and their magic transparency through microscopes. His ultimate goal, however, is to be able to take the creatures to the children by touring schools in Pennsylvania, New Jersey, and Delaware for the purpose of instilling in children a love for science, and hoping this exposure will lead to productive careers in science for some of these children.

As he points out, this initiative is a superb outreach opportunity for Jefferson. As with most similar initiatives, the immediate problem for Dr. Farber is to get the $60,000 seed money needed to start the program. Both the National Science Foundation and the National Institutes of Health have expressed interest in helping support this innovative curriculum once it begins and shows promise of becoming continually operative. The $60,000 in seed money is needed to begin the effort, and will allow the hiring of a helper, the purchase of two microscopes for the children to use, and travel expenses for taking the zebrafish exhibit to the schools. Once the initiative is on firm footing, Dr. Farber will seek a more permanent source of funding from either the National Science Foundation or the National Institutes of Health.

This unique initiative to interest young children in science offers a great opportunity for one or a group of Jefferson alumni to contribute the seed money to start this project which promises great rewards for children. Dr. Farber can be reached at 215-503-2472, or Farber@lacj.tju.edu, or in care of the Department of Microbiology and Immunology, Jefferson Medical College.

Dr. Dicker and his coworkers plan to expand the work to other cancerous tumors, including breast, prostate and brain tumors.

**INVESTIGATIONS**

**Zebrafish: A Potential Community Outreach Program**

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**Effects**

placed the pumps in mice in which human choriocarcinoma – which is a very vascular tumor – had been implanted. The pumps slowly released low doses of the drugs. They found the tumors became smaller because the drugs inhibited the growth of endothelial cells, which are key to the development of new blood vessels.

When the scientists sectioned the tissue and looked at the blood vessels, they found fewer blood vessels in the tumors that were treated with drugs. They also saw no toxic effects in the animals. “These results become important,” Dr. Dicker says, “because eventually there will be oral versions of these drugs that are currently given intravenously. It suggests that chronic, low dose concentrations of drug for patients will be effective in treating cancer. Companies are planning to come out with oral versions.”

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Parents/Family Day: Address by Anita Mehrotra ’04

It's still mind-blowing that I'm actually here, in medical school, pursuing my dream, succeeding in that pursuit, and believe it or not, enjoying it. There are, of course, days when I wonder if another choice of life might have been easier, but I always come to the conclusion that nothing could be as satisfying.

For those of us going through medical school, the experience signifies much more than just another bridge to cross. The experiences that we have shared, the difficulties that we have faced, the information that we have absorbed, and most importantly, the emotions that we have felt throughout this past year and a half have touched our cores. And we still have two and a half years to go!

I vividly remember our first day of anatomy lab. My lab group stood around the table for a few minutes looking at each other, waiting for someone to make the first cut. We were timid and apprehensive, desperately hoping not to mutilate anything important. Within a few weeks, however, we were diving into our dissection with enthusiasm, cutting nerves left and right, and displaying tremendous confidence in our feeble dissection skills. We were quick to learn and quick to make progress. When I think about how far we have all come since anatomy lab, I am amazed. We have survived the tempest that was physiology, have tolerated being stuck indoors studying neuroscience in June, and are currently waging war with pathology, pharmacology, and Introduction to Clinical Medicine quite bravely. We have memorized countless drugs and biochemical pathways, managing to forget only about half of them. It's astonishing how much we have learned in so short a time—before we know it, we'll be taking Step One of the medical licensing exams, and will be on to rotations. Now that's a scary thought.

With hectic three-week exam blocks, and three classes worth of material to master, not to mention the occasional physical diagnosis and Doctor in Society activities, we're always kept on our toes. We have so many medical terms and facts crammed into our heads that it's hard to think of much else. Between going to class, studying, eating, and sleeping, it's difficult to find time. And yet, the majority of my classmates are involved in other projects and activities.

When you look around you, you not only see children, grandchildren, husbands, and wives, but also future clinicians, brilliant researchers, and humanitarians. For example, my classmate Brian Kucer spends much of his free time acting as a patient advocate at homeless shelters in the city serviced by JeffHOPE. Valerie

Johnson will be presenting her research to the American Academy of Neurology in April. Kelly McGuigan is a mentor to an inner city child, while Deba Sarma is helping to coordinate an anti-tobacco campaign on behalf of the American Medical Association. Ken Lavelle finds time to read his daughter a bedtime story each night. Parents, I bet you thought you left the cubby-holes, crayons, and parent-teacher conferences long behind. Well, I've exchanged my cubby-hole for a cubicle in Scott library; instead of coloring with crayons I now highlight furiously in my ICM syllabus.

"Life Lessons in the Most Unexpected Places"
Remarks by Eric Hager ’04

The topic for this speech was simple: I would discuss what I do during the day. Then I thought, what the heck do I do during the day? I know that I wake up, I go to class, I eat, then study what I learned in class, I call my mom and dad later and complain about the class and then I go to bed thinking about the next day's class. Needless to say, the first speech I wrote took about seven seconds to read, and left me stressed out that I had written it instead of going to class.

I am the third person in my family to attend Jefferson, and I listened to stories throughout my childhood of the education here. One thing is for sure, there has been a tremendous change in medical training over the past 30 years. My grandfather, George Hager Senior, graduated from Jefferson in 1943. At that time, physicians in training were well educated about the heart and lungs, and with the discovery of the liver a few years before, there was a drastic increase in the amount of information that he was responsible for. The drug list was extensive, at four, and the general consensus was to give shock therapy to any patient that wasn't treated with these four drugs.

My grandfather graduated and became a very talented psychiatrist. He is a truly gifted man who has relied on his psychoanalytic skills to heal thousands of people. My father, George Hager III is a member of Jefferson's class of '72. In the 30 years that had passed between '43 and '72 there had been leaps and bounds in the scientific world. Modern techniques in imaging had
ushered in a whole new generation of diagnostic and procedural medicine. No longer did the physicians simply guess what was wrong, now they could visualize the problem and then flip a coin to decide!

Joking aside, my father emerged from Jefferson as a general surgeon and has been my motivation and my inspiration throughout my short medical career. Today, medical school is quite different. The first year is designed to teach the inner workings of the healthy body. We learn about anatomy and physiology, about cells and biochemical pathways, all the pieces that allow us to function. Accordingly, we leave the first year in awe of the beauty of life and amazed with its marvelous simplicity. We dwell in a world where people are healthy and happy and we cannot fathom the horrors that await in the second year.

We then leave for the summer: six weeks of eating, drinking and being merry. When we return to school we are tan, fit and happy. We receive our schedules which are congested with a class called pathology. Exactly four days later, we are pale, overweight and utterly terrified. We have learned an important lesson: things look horrifying when they have worms or bacteria in them. There is a phenomenon in medical school known as the second year sickness, where the second year students believe that they are afflicted with the disease that they are learning about. We have learned about approximately 1200 diseases, aside from the problems with pregnancy, and I am sure I have about 900 of them. Thanks to second year I am now afraid of everything from pollen in the spring to mosquito bites in the summer.

As if this wasn’t enough, the second year introduces us to the art of physical diagnosis. Let me tell you, physical diagnosis is a class of humility. The physical exam is taught to us in four nicely manageable blocks with a clinician walking us through the exam on a fellow student. No problem. Once taught this, we are whisked off to the hospital to practice on real patients. Now, not only is the patient a stranger so that poking him or her as we were taught to seems inappropriate, but they are also sick so we worry about hurting them.

Needless to say, these conditions lead to an extremely half-assed physical exam: listen to the heart and lungs, maybe check a pulse to make sure the patient is still alive and then excuse yourself, hoping they’re still alive when the attending comes in. My first patient was a terrifying sight. She was a five foot one inch, 110 pound Caucasian woman named Mary sitting comfortably in bed. Now the sight of her was not what scared me, it was the fact that in a split second I had completely forgotten every shred of medicine that I had ever learned.

I introduced myself to Mary and began the interview. I meticulously questioned her in an effort to ascertain why she was hospitalized and obtain some other pertinent facts about her illness. When the interview was over, and I was a little more calm, I informed her that I was going to do a cursory physical exam to see how things were. I took out my stethoscope to listen to her lungs, warmed it and placed it on her back.

To my absolute horror she had no breath sounds. I moved the stethoscope around frantically, praying that I could find something, that I had not actually killed poor Mary. Now the stethoscope is a tricky little tool because it has two parts that can be used to listen, the bell and the diaphragm. By twisting the piece you can select which end you wish to use. Well I had no idea that was an option, and had just spent the last five minutes listening with the wrong end. I laid Mary back down and pretended to write some things in my notebook. I excused myself from the room so I could go find a friend with a stethoscope that worked. In the hall I was happy to see my roommate, who will remain nameless. After Ray stopped laughing at me, he turned the stethoscope around and sent me on my way.

Undaunted, I returned to the room where Mary lay with a nervous look on her face. She asked if her lungs were okay as my puzzled expression had set her ill at ease. I assured her that everything was fine, and that I simply had to glance at her chart. Now that I knew my stethoscope worked, the next order of business was to listen to her heart. This task proved more daunting than originally thought. Up until this point, I had only practiced the heart exam on male students. Apparently, women have added obstacles called breasts behind which the heart is conveniently located. To adequately listen to it would require a certain amount of manipulation of Mary’s left breast, a task I was not completely comfortable with. Wanting to be brave, I did exactly what any experience-seeking medical student would do: I skipped it.

Trying to salvage some self dignity, I performed the one task I knew I could do: I took her pulse. Yep, there it was, 80 beats per minute, she was at least alive. Not wanting to spoil my streak, I thanked her and left.

So in the 20 minutes that I spent with Mary, I had gone one for three. She had no lung sounds, she had no heart, but at least I knew she still had a pulse. Yet funny as my experience was, it also profoundly changed me. When I walked into the room, I was lucky if I could remember my own phone number, yet Mary looked at me as a knowledgeable person, as someone who would be able to help her with her illness. She allowed me, a complete stranger, to touch her and examine her. For the first time I realized that people would someday trust me with their lives. What I have come to love about medicine is that we can take away life lessons in the most unexpected places.
Hospital Appointments as of May 1

Alabama
University of Alabama - Birmingham
Alan Long (Neurosurgery)

Adam Shiroff (Surgery)
Thomas Sisk (Family Practice)

TJU/duPont Hospital for Children - Wilmington
Patricia Baxter (Pediatrics)
Sarah Berg (Pediatrics)
Kate Fronheiser (Pediatrics)
Sridhar Jatla (Pediatrics)
Kelly Zook (Pediatrics)

Arizon a
Good Samaritan Regional Medical Center - Phoenix
David Larson (Internal Medicine)

District of Columbia
Georgetown University Hospital
Benjamin Judson (General Surgery)
Changching Lin (Internal Medicine)

Howard University
Tamika King (Emergency Medicine)

Malcolm Grow Medical Center-Andrews Air Force Base
Julie Freilino (Family Practice)
Danielle Giddins (Family Practice)

Walter Reed Army Medical Center
Daniel Gallagher (Surgery)

Washington Hospital Center
David Manion (Dermatology)
Glen Vanderver (Internal Medicine)

California
Kaiser Permanente - Los Angeles
Victoria Wakeley (Family Practice)

UCLA Medical Center-Harbor - Los Angeles
Ada Alcantara (General Surgery)
Catherine Burt (Internal Medicine)

University of Southern California - Los Angeles
James Pierce (Surgery)

UC Davis Medical Center - Sacramento
Ritu Mukerji (Internal Medicine)

San Diego National Naval Medical Center
Christopher Shale (Surgery)
Peter Snyder (Transitional)
Margrethe Weston (Internal Medicine)

Colorado
Univ. of Colorado School of Medicine - Denver
Michael Schaffer (Internal Medicine)

Connecticut
Univ. of Connecticut School of Medicine - Farmington
Jodi Chen (Pediatrics)
Joann Gates-Pfau (Pediatrics)

Florida
University of Miami
Antha Nimmagadda (Neurosurgery)

Georgia
Emory University School of Medicine - Atlanta
Archana Saxena (Internal Medicine)

Illinois
MacNeal Hospital - Berwyn
Jason Carter (Family Practice)

Advocate Christ Medical Center - Chicago
Terri Saunders (Emergency Medicine)

Maryland
Bethesda National Naval Medical Center
Daniel Nadeau (Surgery)
Leon Nesti (Orthopaedics)

Johns Hopkins Hospital - Baltimore
Allison Better (Internal Medicine)
Marissa Brunetti (Pediatrics)
Lisa Krisak (Emergency Medicine)
Kimberly Levitt (MPH Program)
Richard Roe (Internal Medicine)
Hamita Sawhney (Obstetrics-Gynecology)
Marissa Trichilo (Pediatrics)

Johns Hopkins/Sinai Hospital - Baltimore
Joshua Pearlman (Internal Medicine)

Massachusetts
University of Massachusetts - Amherst
Lillian Rich (Orthopaedics)

Boston Univeristy Medical Center
Michael Kain (General Surgery)

New England Medical Center - Boston
T. Michelle Gale (Orthopaedics)

St. Elizabeth Medical Center - Boston
Brian Adams (Internal Medicine)

Baystate Medical Center - Springfield
Richard Goulding (Emergency Medicine)

Massachusetts General Hospital - Worcester
Lois Choi (Psychiatry)
Alexander Sah (Orthopaedics)

Michigan
Univ. of Michigan Hospitals - Ann Arbor
Rachael Caskey (Medicine-Pediatrics)
Minnesota

Mayo Graduate School of Medicine - Minneapolis
Kelly Liang (Internal Medicine)
Kimberly Liang (Internal Medicine)

Missouri

University Hospital - Columbia
Peter Ackerman (Medicine-Pediatrics)

Barnes-Jewish Hospital - St. Louis
Ariel Goldschmidt (Pathology)

St. Louis University School of Medicine
Scott Engel (Plastic Surgery)

New Hampshire

Dartmouth-Hitchcock Medical Center - Hanover
Michael Gilbert (Internal Medicine)
Marcy Haas (Obstetrics-Gynecology)
Christine Miller (Obstetrics-Gynecology)

New Jersey

UMDNJ - Robert Wood Johnson - Piscataway
Kathleen Aiello (Pediatrics)
Matthew Handling (Orthopaedics)
Monika Khanna (Internal Medicine)
Irina Rosewater (Internal Medicine)
Ethan Wasserman (Internal Medicine)

Somerset Medical Center - Somerville
Susanne Lesniak (Family Practice)

New Mexico

Univ. of New Mexico School of Medicine - Albuquerque
Ann Clemens (Family Practice)
**New York**

*Albany Medical Center Hospital*
J. Martin Leland (Orthopaedics)
Michael Platt (Otolaryngology)

*SUNY Health Science Center - Brooklyn*
Justin Kubeck (Orthopaedics)

*The Brooklyn Hospital Center*
Joseph Chang (Emergency Medicine)
Laura Spano (Emergency Medicine)

*St. Vincent's Hospital - Harrison*
Emmie Chen (Psychiatry)
Deepika Cheruvu (Psychiatry)
Hungyi Lu (Internal Medicine)
Aradhna Saxena (Internal Medicine)

*North Shore University Hospital - Manhasset*
Samridhi Narula (Internal Medicine)
Fiona Pasternack (Internal Medicine)

*Einstein/Montefiore Hospital*
Karen Feissulin (Obstetrics-Gynecology)
Ryan Raffaelli (Pediatrics)

*Cabrini Medical Center - New York City*
James Abraham (Internal Medicine)

*Lenox Hill Hospital - New York City*
Benjamin Metzger (Internal Medicine)

*Mt. Sinai Hospital - New York City*
Dennis Abraham (Internal Medicine)
Robert Siegelbaum (Internal Medicine)

*NYP Hospitals-Columbia Presbyterian - New York City*
Laura Bamford (Internal Medicine)
Joanna Starrels (Internal Medicine)

*Columbia University Affiliated Hospitals - New York City*
Susan Rusnack (Urology)

*NYP Hospitals-NY Cornell - New York City*
Michael Ciminniello (Surgery)
Sharon Jakus (Obstetrics-Gynecology)

*New York University School of Medicine - New York City*
Thomas Chacko (Internal Medicine)

*St. Luke's-Roosevelt Hospital - New York City*
Catherine Kim (Internal Medicine)

*Univ. of Rochester/Strong Memorial Hospital*
Nichole Harrison (Internal Medicine)

*Westchester Medical Center*
Leelakrishn Nallamshetty (Internal Medicine)

**North Carolina**

*Duke Univ. Medical Center - Durham*
Lara Gadkowski (Internal Medicine)

**Ohio**

*Cleveland Clinic Foundation*
Richard McCurdy (Internal Medicine)

*University Hospitals - Cleveland*
Bret Kean (Orthopaedics)
Kerri Simo (Surgery)

**Oklahoma**

*Image Family Practice/Hillcrest - Tulsa*
James Gardner (Family Practice)

**Oregon**

*St. Vincent Hospital - Portland*
Jennifer Baron (Internal Medicine)

*Oregon Health Sciences University - Portland*
Scott Chadderdon (Internal Medicine)
Stephen Spurgeon (Internal Medicine)

**Pennsylvania**

*Abington Memorial Hospital*
Brandon Bussler (Family Practice)
Priscilla Latta (Family Practice)
Marguerite McGarvey (Internal Medicine)
Eugene Reilly (Surgery)
Shari Rosen (Family Practice)

*Bryn Mawr Hospital*
Anthony Patterson (Family Practice)

*Saint Vincent Health Center - Erie*
Thomas Laskey (Family Practice)

*Geisinger Health System*
J. Kyle Betz (Surgery)
S. Kim Schiff (Pediatrics)

*Lehigh Valley Hospital*
Kathy Lo (Transitional)

*Lafayette Area Hospital*
M. Elizabeth Pepper (Family Practice)
Jill Sharer (Family Practice)

*Albert Einstein Medical Center - Philadelphia*
Kelly Burkert (Transitional)
Nancy Chawla (Internal Medicine)
Kiran Chehka (Transitional)
Andrew Chong (Emergency Medicine)
David Dickman (Transitional)
Rachel Nkcham (Transitional)
Neeru Ratan (Internal Medicine)
Janelle Smith (Internal Medicine)

*Children's Hospital - Philadelphia*
Tracie Safer (Pediatrics)
Sarbattama Sen (Pediatrics)
Amy Zalemann (Pediatrics)

*Frankford Hospital - Philadelphia*
Irene Hsu (Transitional)
Jerry Kim (Transitional)
Vu Pham (Transitional)
David Rubaltelli (Transitional)

*Graduate Hospital - Philadelphia*
Alex Wong (Surgery)

*Hosp. of the Univ. of Pennsylvania - Philadelphia*
Robin Canada (Internal Medicine)
Danielle Dehoratius (Internal Medicine)
Alexander Fulld (Internal Medicine)
Allyson Kreshak (Emergency Medicine)
Suzanne Leng (Internal Medicine)
Madeleine Satora (Psychiatry)

*MCP/Hahnemann Univ. Hospital - Philadelphia*
Lilyana Ameczua (Internal Medicine)
Reid Brackin (Emergency Medicine)
Michael Hopkins (Emergency Medicine)
Jason Kitchen (Emergency Medicine)
Karen Lefrak (Emergency Medicine)
Brenda Liu (Emergency Medicine)
Christopher Smolock (Surgery)

**Pennsylvania Hospital - Philadelphia**
Stephen Bader (Internal Medicine)
Kevin White (Internal Medicine)
Jayne Wilkinson (Internal Medicine)
Thomas Wixted (General Surgery)
Hanna Zafar (Internal Medicine)

**Temple Univ. Hospital - Philadelphia**
Anne Getz (Surgery)
Rita Pechulis (Internal Medicine)
Zsófia Szep (Internal Medicine)

**Thomas Jefferson Univ. Hospital - Philadelphia**
Kevin Brown (Internal Medicine)
Scott Burbank (Orthopaedics)
Jeffrey Dassel (Family Practice)
Frances Furia (Internal Medicine)
Lauren Gustafson (Family Practice)
Basil Harris (Emergency Medicine)
Jean Hoffman-Censits (Internal Medicine)
Bo Kim (Internal Medicine)
Jason Kline (Internal Medicine)
Adrienne Levin (Internal Medicine)
Kelly Malloy (General Surgery)
Gregg Martyak (Orthopaedics)
Victoria Myers (Obstetrics-Gynecology)
Brian Rattigan (Orthopaedics)
Ralph Rynning (Orthopaedics)
Alishia Saunders (Internal Medicine)
Thomas Sinclair (Internal Medicine)
Craig Sotoroff (General Surgery)
Christina Smith (Family Practice)
Erev Tubb (Internal Medicine)
Laura Wright (Family Practice)

**Univ. of PA Health System-Presbyterian Hospital - Philadelphia**
Phyllisann Dioguardi (Transitional)
Donald Zajick (Transitional)

**Mercy Hospital - Pittsburgh**
John Robinson (Surgery)

**Univ. Health Center of Pittsburgh**
Kathleen Coyle (Internal Medicine)
Vera Limcuando (Internal Medicine)
Timothy Neavin (Plastic Surgery)

**Lankenau Hospital - Wynnewood**
Janet Denny (Internal Medicine)
Charles Girard (Internal Medicine)
Christopher Jordan (Internal Medicine)
Larry Kim (Internal Medicine)
James Ko (Internal Medicine)
Robert Petrucelli (Internal Medicine)

**York Hospital**
Gregory Anderson (Surgery)
John Balacuis (Transitional)
Jose Ramos (Transitional)

**Rhode Island**

**Memorial Hospital of Rhode Island - Pawtucket**
Julieann Crewalk (Family Practice)

**Brown Univ. Hospital - Providence**
Beth Fisher (Internal Medicine)
Sonija Gandhi (Internal Medicine)
Ellen Hartmann (Internal Medicine)
Tarun Mathur (Internal Medicine)
Anuj Parikh (Emergency Medicine)

**South Carolina**

**Medical University of South Carolina - Charleston**
Roger Componovo (Orthopaedics)

**Texas**

**William Beaumont Army Medical Center - El Paso**
Clyde Clybourn (Internal Medicine)

**Univ. of Texas Branch - Galveston**
Seema Shah (Obstetrics-Gynecology)

**Brooke Army Medical Center - San Antonio**
Benjamin George (Internal Medicine)

**SAUSHEC-Lackland Air Force Base - San Antonio**
Matthew Lippstone (Emergency Medicine)
David Zonies (Surgery)

**Utah**

**Univ. of Utah-Moray Eye Center-Ophthalmology Fellowship - Salt Lake City**
Brandon Davis (Research)

**University of Utah Affiliated Hosp. - Salt Lake City**
Christopher Rich (Internal Medicine)

**Vermont**

**Univ. of Vermont-Fletcher Allen Health Care - Burlington**
Peter Kelleher (Orthopaedics)

**Virginia**

**INOVA Fairfax Hospital - Falls Church**
Elizabeth Bauer (Pediatrics)

**Portsmouth Naval Medical Center**
David Cook (Transitional)
John Powell (Surgery)

**Medical College of Virginia - Richmond**
Tara Kiger (Emergency Medicine)

**Wisconsin**

**Medical College of Wisconsin Affiliated Hospitals - Milwaukee**
Edward Haas (Psychiatry)

**Residency Deferred**
Scott Berta (Research)
Donald Bitto (Research)
Charles Coward
Edward Jackson
Julie Kay
Heidi Kozic

**Residency Pending**
Jennifer Erdos
Urologic Surgery’s “Real Deal”

By Nicole Vines, Washington University Record

Colleagues of Gerald Andriole (Jefferson ’78), Professor of Urologic Surgery at Washington University School of Medicine in St. Louis, pay him one of the highest compliments that one physician can bestow on another – they call him a “doctor’s doctor.”

“Gerald Andriole is a pro on all fronts,” said David G. Mutch MD, the Ira C. and Judy Gall Professor in Obstetrics and Gynecology at Washington University, whose father and father-in-law both were patients of Andriole’s. "His combination of masterful technique and a warm, witty demeanor puts both patients and students at ease."

Andriole prides himself on giving the best care possible to his patients.

"There’s nothing more satisfying than identifying what’s wrong with your patient, performing an operation well to fix the problem and seeing your patient get better," Andriole said. "Taking care of my patients is the first and foremost reason I became a physician."

But Andriole also relishes immersing himself in academic medicine. He appreciates how fortunate he is to work in an environment surrounded by top-notch scientists, residents and medical students.

"You tend to ask more of yourself," he said. And as Chief of the Division of Urology, he has asked for more – from his fellow surgeons, his residents and especially himself.

Andriole grew up with three brothers and one sister in Hazleton, Pennsylvania, a small coal-mining town in the Pocono Mountains. The grandson of Italian immigrants and the son of a urologist, Andriole was taught the value of an education from an early age.

"I grew up watching my father practice medicine and hearing my grandparents’ opinions about the benefits of a good education," he said. "Pursuing medicine seemed very natural."

His siblings followed suit; today three are physicians and one, an attorney. We still let him come to family gatherings though," Andriole joked.

As a junior at Scranton Preparatory School, Andriole decided to pursue an accelerated medical program at Pennsylvania State University and Jefferson Medical College, where he would go to college in one year and medical school in four.

"Some people spend their whole life trying to get to the next thing, whether it's law school or medical school," he said. "With the accelerated program, you already know you're in medical school, and you can actually concentrate on enjoying your courses and learning."

Andriole also knew that he wanted to be a urologist. "I always joke that there's probably no kid who, if you ask him, what he wants to be will say, 'Gee, I want to be a prostate doctor,'" he said. "The reality is it's absolutely fascinating. The improvements in the care of patients with prostatic diseases just in the last decade or two are unprecedented."

After graduating from Jefferson in 1978, Andriole headed to the University of Rochester to study as a surgical intern. It was a busy program, requiring house staff to be on call every other night. Andriole recalls one of his first rotations in the surgical intensive care unit as being especially hectic.

"I was so busy that I didn't go to my car for most of a month," he said. "When I finally did go check on it, I discovered it had been stolen."

In 1980, Andriole went to Brigham and Women's Hospital and Harvard Medical School as a surgical resident. While there,
Andriole became convinced that he wanted to pursue a career in academic urology. He decided to spend two years researching at the National Cancer Institute in Bethesda, Maryland.

He and his colleagues studied kidney cancer and immunotherapy, specifically use of interleukin-2, a protein produced by immune cells that helps protect against dangerous cells, including tumors. Their preliminary work in mice served as the foundation to begin human trials in melanoma patients just a few years later, and eventually patients with renal cell carcinoma.

And while Andriole says it was very gratifying to be part of this kind of ground-floor research, he cites his most important discovery at the NCI as his wife, Dorothy. She was in the middle of her general surgery residency at New York University when she also took two years off to do research in the NCI surgery branch. One year happened to overlap with Andriole; the two met and hit it off.

The newlyweds were faced with selecting an institution where Dorothy Andriole MD could finish the final two years of her general surgery residency and where Gerald Andriole could find a faculty position in urology. Washington University School of Medicine fit the bill, and the couple headed west in 1985.

"It was a little bit of a leap of faith to move to the Midwest, and there were more than a few friends whose jaws dropped when we told them about St. Louis," Andriole said. While he admits the first St. Louis July was a real eye-opener, he feels quite strongly that it was the best move they could have made.

Today the couple has three "absolutely magnificent boys" – Gerald III, Nicholas and Philip. The threesome keep him and his wife, now an Assistant Professor of Surgery, running from soccer to baseball to school activities.

Andriole's research has focused largely on prostatic diseases. After the prostate-specific antigen test was first developed, Andriole realized there were many questions about the test's accuracy in predicting prostate cancer early in a curable time.

He proposed a national prostate cancer-screening project to the NCI. They agreed it was an important question but feared it would be too costly to screen for just one cancer.

After months of negotiating, the Prostate, Lung, Colorectal and Ovarian Cancer Screen Trial was started in 1993. Today, 150,000 Americans are participating nationwide, and the trial is expected to continue for 10 more years.

Andriole is excited about the surgery field's rapid movement toward using minimally invasive surgical techniques. His team is on the verge of perfecting laparoscopic radical prostatectomy – a procedure allowing the removal of the prostate with instruments placed through tiny incisions. The traditional operation requires a large incision and an intensive amount of recuperation time.

"For a successful program in minimally invasive surgery, you need surgical expertise both in traditional and laparoscopic techniques," Andriole said. "With a collaborative team of faculty talented in both areas, our center is poised to be a national leader in this field."

Andriole gets even more excited about the future possibilities of eliminating cancers without even making an incision. He describes theoretical techniques where an X-ray would locate the exact coordinates of a tumor in the right kidney, for example, and, in simplest terms, a special device would transmit heat to that exact point, heat the tumor and kill it.

What happened to the surgeon with the scalpel? Andriole says it's even more tantalizing to think about destroying cancer tissue sans the knife. "If the skills you learned 15 years ago are no longer applicable, you better move on," he said. "Education is a lifelong proposition, and you have an obligation to do what's right for your patient."

Andriole never has forgotten the physicians and teachers who served as mentors throughout his education and training. Today, he works to pay back the time and attention given to him by doing the same for the residents and medical students he trains.

"Every resident I work with may potentially be impacted – either positively or negatively," he said. "Hopefully, it's positively."

Fourth-year medical student Alan Shindel said Andriole's example strongly influenced his decision to enter the field of urology.

"He spent a great deal of time with me going over what a career in urology is like, as well as which programs I should consider in order to get the best training," Shindel said. "It has been a pleasure to learn from him."

Gregorio A. Sicard MD, Professor and Head of the Division of General Surgery at Washington University, summarized Andriole best.

"Jerry is a professional and a gentleman," he said. "He's a true academic urologist. His leadership qualities are superb, and he's making his mark as a great educator. He's the real deal."
Andriole became convinced that he wanted to pursue a career in academic urology. He decided to spend two years researching at the National Cancer Institute in Bethesda, Maryland.

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"Some people spend their whole life trying to get to the next thing, whether it's law school or medical school," he said. "With the accelerated program, you already know you're in medical school, and you can actually concentrate on enjoying your courses and learning."

Andriole also knew that he wanted to be a professor when he was an undergraduate at Jefferson.

The Thomas Jefferson University was founded as Jefferson Medical College in 1824. An infirmary to treat the poor was opened in 1823, and by 1844, Jefferson was providing patient beds over a shop at 10th and Sansom Streets. A 123-bed hospital, one of the first in the nation affiliated with a medical school, opened in 1877 and a school for nurses began in 1891.

On July 1, 1989, the institution became Thomas Jefferson University, composed of Jefferson Medical College, Thomas Jefferson University Hospital, the College of Graduate Studies, and the College of Allied Health Sciences (now the College of Health Professions).

New structures were added to the 13-acre Center City campus: the Main Hospital Building (1907), Thompson Building (1924), Medical College and Curtis Buildings (1929 and 1931), Foerderer Pavilion (1934), Jefferson Alumni Hall (1969), Scott Memorial Library (1970), Woodson Building (acquired 1973), Gibbon Building (1978), Bodine Center for Cancer Treatment (1986), Medical Office Building (1986), and Buehler Life Sciences Building (1991). Adjacent structures in Center City have also been adapted.

In August 1993 Thomas Jefferson University and the Main Line Health System signed an agreement establishing a new, nonprofit, corporate entity known as the Jefferson Health System, an integrated health care delivery system, including Thomas Jefferson University Hospital, Bryn Mawr Hospital, Bryn Mawr Rehabilitation Hospital, Lankenau Hospital, Methodist Hospital and Paoli Memorial Hospital. Since then, other established institutions have joined JHS, including the Albert Einstein Healthcare Network, Franklin Health Care System and Magee Rehabilitation Hospital.

Thomas Jefferson University is the academic partner of the Jefferson Health System. An Education and Research Committee advises the JHS Board on academic and research activities. The President of Thomas Jefferson University is the Chairman of the Board of the Jefferson Health System.

Jefferson Medical College
Jefferson Medical College enrolled 899 students in 2001-02.

<table>
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<th>Faculty</th>
<th>Full-time</th>
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<td></td>
<td>778</td>
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<tr>
<td>TOTAL</td>
<td>3,192</td>
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Financial Aid (2000-01)
Seventy-nine percent of the enrollment received a total of $26,735,239 in financial aid. The average award to each student (including all scholarships, loans, and Federal Work-Study employment) was $37,349.

Jefferson Medical College Alumni Association
The Jefferson Medical College Alumni Association, founded in 1870 by Samuel D. Gross MD, includes 10,000 living alumni and 3,400 living postgraduate alumni.

Joint Programs
Jefferson Medical College and the Pennsylvania State University allow selected high school seniors to earn both the BS and MD degrees in six years.

The Physician Shortage Area Program, in conjunction with Allegheny College, Bucknell University, Franklin and Marshall College, Indiana University of Pennsylvania, the Pennsylvania State University, and the University of Scranton, recruits and educates students who intend to enter family medicine and practice in rural physician shortage areas.

A program of Jefferson Medical College and the Delaware Institute of Medical Education and Research provides up to 20 places for qualified Delaware residents each year.

The Medical Scholars Program, an educational collaboration between the University of Delaware and Jefferson Medical College, links college to medical school with an early admission process for qualified students.

Jefferson Medical College and the College of Graduate Studies offer a fully funded MD/MPH program. Each year up to five students are accepted on the basis of academic credentials and a demonstrated interest in careers in academic medicine and research. The program takes seven years to complete and includes a yearly stipend.

Jefferson Medical College and Johns Hopkins University offer an MD/MPH program in which students earn the MD from Jefferson and the MPH from Hopkins.

Jefferson is one of a handful of institutions nationwide to offer MD/MBA or MD/MHA dual degrees in a five-year program in conjunction with Widener University.

Educationally Affiliated Institutions
Institutions that participate in the clinical education of medical students include Bryn Mawr Hospital, Bryn Mawr Rehabilitation Hospital, Christiana Care Health Services, the duPont Hospital for Children, Geisinger Medical Center, the Guthrie Clinic, Lankenau Hospital, Lantrope Area Hospital, Magee Rehabilitation Hospital, Mercy Hospital of Pittsburgh, Reading Hospital, Thomas Jefferson University Hospitals including Methodist Hospital, Wilmingon Veterans Administration Hospital, West Jersey Health System, and Wills Eye Hospital.

College of Graduate Studies
The College of Graduate Studies offers PhD and MS degrees in the biomedical sciences and MS degrees in the health professions.

Doctoral Programs
PhD programs are offered in biochemistry and molecular biology, cell and tissue engineering, developmental biology
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**Research and Sponsored Programs**
The faculty conduct research and other sponsored activities in a variety of fields. Jefferson received 729 awards totaling $125,393,235 in fiscal 2000-01. This included federally sponsored research grants and contracts, training grants, fellowships, and career development awards, as well as grants from foundations, private sources, state and local governments, and industrial sponsors.

**Technology Transfer**
In 2000-01, 41 new U.S. patent applications were filed on Thomas Jefferson University technologies, and 32 U.S. patents were issued. The university currently has a total of 268 active issued patents and 141 pending patent applications.

**Private Support**
The university recorded $19.14 million in gifts and pledges in fiscal 2000-01. Alumni gave $7.33 million; foundations, associations, and corporations contributed $9.32 million; and individual friends of the university gave $2.27 million.

**Financial and Other Statistics**

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**Employees**

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**Library Resources**

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<td>Annual circulation</td>
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</table>
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When Terror Hit the Pentagon, Stephen Frost's Reaction Was: Tend to the Injured

From The Philadelphia Inquirer, September 26, 2001
By Steve Goldstein

When American Airlines Flight 77 exploded into the Pentagon, thousands bolted for the exits and safety. Stephen Frost (Jefferson '71), a Navy captain on the scene, ran straight for the billowing clouds of acrid black smoke.

Frost was among the first on a chaotic scene of traumatized, badly burned victims.

When security officials screamed warnings of "another plane," Frost didn't raise his head from his work. Other rescuers took their cues from this calm, composed white-haired figure standing at mayhem's doorstep. No one left a patient.

"It was a scene from Dante's Inferno," said Capt. John Feerick, another Navy doctor at the scene, "and Steve Frost was a rock."

Frost, 56, a Kensington native and former staff gastroenterologist at Presbyterian-University of Pennsylvania Medical Center, had just returned to active duty to help train reservists. He had gone to Washington in late August for a stint in the Navy Surgeon General's Office, and on Sept. 11, he arrived early for a meeting at the Pentagon.

He and Feerick, unaware of the tragedy that had already struck New York, were walking in the outer ring on the south side of the building at 9:45 a.m. and Feerick felt "a rumble."

"I'm from New York originally," he said, "so I thought: subway."

Frost and Feerick soon found themselves walking into an onrushing wall of people going the other way. No one was speaking. The doctors joined them and were swept along out into the parking lot, where security guards were waving people away from the building.

Frost saw heavy black smoke billowing. "I'm a doctor," he told a guard. "What's going on?"

The guard spoke into his walkie-talkie and directed Frost around the side of the building.

Frost called to Feerick and took off. "I followed him, but he was running full bore," Feerick said. "I thought, 'This is crazy. What if there is gas, or a secondary explosion?' But I just followed Steve."

Several times, police tried to stop Frost, but he just yelled, "I'm a doctor," and sprinted past. He was 200 yards ahead of Feerick when he reached the concrete helipad adjoining the maimed building. What they could see through the dense smoke was sobering.

Some of the burned or injured were staggering across the helipad; others were already lying on the lawn 50 yards from the building. Ambulances began pulling up and Pentagon staff dropped off medical kits.

Perhaps a dozen injured were on the lawn, most suffering from blistering, second-degree burns on the face, hands and arms. Some had inhalation injuries; almost all were in shock.

Frost and Feerick appeared to be the first doctors on the scene. They began using the medical kits, putting in intravenous lines with saline and dextrose drips.

One actor who had attended the post-9/11 Red Cross training at Jefferson Medical College in Philadelphia told The Washington Post that he didn't know what they meant when they said 'attack,' Frost said. "The whole thing was a little surreal - like being on a movie set. I was really focused and so I shut out everything else."

Moving the injured was not an option. Handling someone with seared flesh was impossible. The area was still covered in a dense, acrid cloud.

For about 45 minutes, Frost worked to stabilize the dozen to 15 patients on the lawn. "The only time he showed emotion was when he was calming me down," Feerick said.

Feerick left to establish triage areas in the tunnels leading to the parking lots. Frost moved to treat those with inhalation injuries and those who had been hurt by debris. The stream of incoming patients began drying up.

continued at right
Searching for the Cause of the Rash That's Itching Pupils

From The Philadelphia Inquirer, February 22, 2002
By Peter Sigal

Desiree Mitchell doesn't want to be in a dermatologist's office on a weekday morning, listening to talk of scratch tests, skin samples and throat washes.

The 11-year-old with green sparkles in her hair would rather be with her fifth grade class at Richland Elementary School in Quakertown. But the itchy, burning rash she has had since January 31 will not go away.

So she submits, grudgingly, to the tests that Norman Sykes (Jefferson '92) has arranged in his quest to explain the mysterious rashes that have afflicted hundreds of schoolchildren in the Philadelphia area—and similar numbers nationwide.

After initial environmental tests at the schools came up empty, hospital officials called in Sykes, who has been searching for a viral cause.

Locally, the rash was first seen in Quakertown on January 31 when 52 students at Richland Elementary were rushed to the emergency room at St. Luke's Quakertown Hospital. Since then, it has hit the Bensalem and Pottsgrove districts.

From dozens of new cases a day at the height of the outbreak, reports have slowed to a trickle, officials say. Overall, at least 400 suburban students have been affected.

The rashes—symptoms include red patches on cheeks, necks, arms and legs often accompanied by burning and itching—have also appeared in schools in Queens, New York; Prince William County, Virginia; and Medford, Oregon in the last few months. Sykes said he believes, after talking with officials in those places, that the outbreaks have a common cause.

"This situation is unprecedented, in that it seems to be an epidemic," Sykes said in his Elkins Park office. "We see the same thing, over and over again, in different parts of the country."

The federal Centers for Disease Control and Prevention has begun contacting state officials, dermatologists and pediatricians to try to determine whether the rashes are related, an agency spokesman said.

Officials in Bucks and Montgomery counties initially suspected an environmental culprit. A range of factors—mold, mites, carpet cleaner, even cafeteria pizza—were tested. All were rejected as causes.

On February 5, St. Luke's Quakertown Hospital called in Sykes, 44, an attending physician there and a member of the Jefferson faculty. The next day, he examined about 30 children there—and the hunt for a virus was on.

Though health effects have been mild, Sykes acknowledged that the rash's spread raises the question of what would happen if a dangerous virus were deliberately unleashed.

In his search for a cause of the rash, he has focused on a fifth disease, also known as erythema infectiosum, a contagious childhood illness with symptoms like those the affected students have. Although he hasn't established a conclusive link to this fifth disease, he said he suspected that a mutant or unknown strain of the virus that causes it may be responsible.

"We have to do everything in our power to figure out what this is, not only to know what it is, but also to learn more about how to deal with viruses," Sykes said.

Sykes gives Desiree a cup of liquid to gargle. He will send the sample to a colleague at Jefferson to see whether any known viruses can be cultured.

"Yuck," Desiree says, making a face that echoes the point after swishing stoically for a few seconds. But the next test—collecting a skin sample—breaks down her resistance. "Stitches!" she wails. "Just one," Sykes promises.

In five minutes, the procedure is over. The tiny skin patch will go to George F. Murphy MD, Director of Jefferson's Center for Dermatopathology, which studies skin diseases. He will scan micron-thin slices of it with an electron microscope magnifying them up to 100,000 times for evidence of viruses.

"I think [Sykes's] ideas that this could be some type of unrecognized disease ... is an excellent one," said Murphy, who has worked with Sykes before on diagnosing skin disease.

Sykes chose to pursue dermatology, which he calls a "quiet specialty," after a personal tragedy. As an eight-year-old in Roxborough, he wanted to be a doctor, but that desire gave way to other dreams. Sykes, a graduate of Penn Charter School, took a liking to science at the University of Pennsylvania, where he earned a degree in population biology.

In his mid-20s, he was working as an immunology researcher when his mother contacted a virulent form of melanoma. Within four months, the skin cancer had killed her, and Sykes, impressed by the doctors who treated her, had found a new career focus. At age 27, he entered Jefferson.
IN MEMORIAM

Benjamin S. Nimoiyin '36 died December 17, 2001. He practiced in the Logan section of Philadelphia as well as Center City. He was an attending physician at the Albert Einstein Medical Center. He is survived by two daughters and a son. Son Philip is Jefferson '76.

Readers have pointed out an omission in the obituary for Paul A. Bowers '37 in the March 2002 issue. Dr. Bowers was awarded the Bronze Star for service in the army and was buried in Arlington National Cemetery with full military honors.

Henry H. Stroud '39 died March 8, 2002. A member of the Alpha Omega Alpha Honor Medical Society, he practiced pediatrics in Wilmington, DE and was an attending pediatrician at the Medical Center of Delaware. He was President, of the Medical Society of Delaware, 1966-67. He is survived by his wife Eleanor and two daughters.

Omer D. Sprecher Jr. '41 died December 21, 2001. A member of the Alpha Omega Alpha Honor Medical Society, he practiced general surgery in Hagerstown, MD and was Chief of Surgery and President of the Medical Staff, Washington County Hospital in Hagerstown. He is survived by his wife Bernice, three sons and a daughter.

Mario V. Troncelliti '41 died November 8, 2001. He served as Chairman, Department of Anesthesiology, Pennsylvania Hospital and at Albert Einstein Medical Center, Daroff Division in Philadelphia. He was an Assistant Professor of Anesthesiology, University of Pennsylvania Medical Center. He is survived by his wife Kathryn and a son.

Alex Pohowsky Jr. '42 died December 14, 2001. During his service as a medical officer in WW II, he received the Silver Star and the Purple Heart for gallantry under fire. He was in family medicine and on staff at Christ and Our Lady of Mercy Hospitals in Cincinnati, OH. He is survived by his wife Gertrude, a daughter and a son.

William L. Schaefer Jr. '42 died November 7, 2001. He was a family physician in Middletown, PA where he also served as a Middletown Area School Physician. He was on staff at Harrisburg Hospital. He is survived by his wife Mary Louise, a son and a daughter.

George R. Fornwalt '43 died December 5, 2001. He was Director of the Obstetrics and Gynecology Department, Delaware County Memorial Hospital in Drexel Hill, PA. He also was on staff at Pennsylvania Hospital in Philadelphia, and at Bryn Mawr Hospital. He is survived by five daughters.

Benjamin E. Cole Jr. '44 died January 5, 2002. He practiced obstetrics and gynecology and was on staff at the Berkshire Medical Center in Pittsfield, MA. He held a faculty appointment as Clinical Professor of Obstetrics-Gynecology, University of Massachusetts College of Medicine. He is survived by his wife Jennifer, three daughters and a son.

Samuel D. Kron '44 died February 26, 2002. He was Chief of Surgery at the Mount Sinai Daroff Division of the Albert Einstein Medical Center in Philadelphia. He also held a staff appointment at Pennsylvania Hospital. He was a volunteer surgeon with Project Hope and served in Ecuador, Nicaragua and Sri Lanka. A son survives him.

Robert J. Revelli '44 died March 7, 2002. He was in family practice in Hayden Lake, ID. We have no further information at press time. He is survived by his wife Dorcas and a daughter.

W. David Dunavant '44 died April 2, 2001. He was Clinical Associate Professor of Surgery at University of Tennessee School of Medicine in Memphis. He held staff appointments at Baptist Memorial, Methodist and St Joseph's Hospitals, Memphis. A Fellow of the American College of Surgeons, he served as the ACS Governor for Tennessee and was President, Tennessee Chapter of the American College of Surgeons. He also served as President, Memphis and Shelby County Medical Society in 1974. He is survived by his wife Dora, three daughters and a son.

Edward F. Gliwa '46 died September 2, 2001. He was Chief, Section of Occupational and Preventive Medicine, Medical Center of Delaware in Wilmington. He also served as a consultant in Occupational Medicine for General Motors Corporation, Wilmington, and was acting Director of Delaware Public Health. He is survived by his wife Edna, a daughter and a son.

Gamewell A. Lemmon Jr. '46 died January 1, 2002. He practiced general surgery in a multiple specialty group in Birmingham, AL. He is survived by two daughters. We have no further information at press time.

William J. Browning III '47 died November 12, 2001. He was a family practitioner in Merchantville, NJ until 1974. He then relocated to Story, WY where he served as acting Chief of Medicine, VA Medical Center in Sheridan. He is survived by his wife Eileen, a daughter and a son.

John R. Pender III '47 died December 17, 2001. He practiced general surgery in Charlotte, NC. He held staff appointments at Presbyterian and Charlotte Memorial Hospitals. He is survived by his wife Amy, three daughters and a son. Son John IV is Jefferson '99.

Robert W. McCoy Jr. '48 died July 13, 2001. He practiced general surgery in Keyser, WV. He held a staff appointment at Potomac Valley Hospital in Keyser. He served a term as President of the Potomac Valley Medical Society. He is survived by his wife Marjorie and six children.

Charles R. Hamilton '49 died October 8, 2001. He served as Chief of Anesthesia, Manchester Memorial Hospital in Manchester, CT. He also served as Director of the Ambulatory Services Center for Manchester Memorial Hospital. He is survived by his wife Joan, two sons and two daughters.

Marvin M. Lindell Jr. '49 died November 19, 2001. He practiced radiology in Houston, TX. He is survived by his wife Suzanne and two sons. We have no further information at press time.

Jasper Chen-Sce '51 died November 8, 2001. He was Director of Pathology, St. Joseph Medical Center, Reading, PA and Clinical Associate Professor of Pathology at Jefferson Medical College. He earned a national reputation for his
pioneering efforts in the medical treatment of alcoholism as a disease. Among his numerous awards were the Nelson J. Bradley Lifetime Achievement Award from the National Association of Addiction Treatment Providers, the C. Nelson Davis Award from the Philadelphia County Medical Society, an honorary doctorate from Villanova University and a citation from the United States Congress for his work in addiction education and treatment. He is survived by his wife, Colleen, three daughters and a son.

Peter E. Ringawa '60 died November 11, 2001. Initially he was in general practice in Bloomsburg, PA but later switched to legal medicine. He is survived by two sisters. We have no further information at press time.

Jack Krauss '61 died November 16, 2001. He was a psychiatrist and on staff at Methodist Hospital in Philadelphia. He held a faculty appointment as Clinical Instructor in Psychiatry at Jefferson Medical College. He is survived by his wife Catherine, two daughters and a son.

David B. McLaughlin '62 died July 4, 2001 in Lake Havasu City, AZ, it has been ascertained. We have no further information at press time.

William F. Bingham '64 died November 6, 2001. He originally practiced neurosurgery at the Gunderson Clinic in La Crosse, WI. He later relocated to Tigard, OR. He is survived by his wife and two daughters.

Paul G. Flynn '66 died September 29, 2001. He specialized in emergency medicine and practiced in several community hospitals in and around Flowery Branch, GA. He is survived by his wife Maria.

Christopher R. Donoho Jr. '69 died January 2, 2002. He practiced rheumatology in Wilmington, DE and was an attending member of the medical staff of Christiana Care. He is survived by his wife Joan and two sons.

'38
William Glenn has moved from New Haven to Peterborough, NH. After 52 years as a full time faculty member at Yale University School of Medicine, the William W.L. Glenn Endowed Professorship in Cardiothoracic Surgery was established.

'43
The Third Annual Leonard Apt Lecture sponsored by the American Academy of Pediatrics Section on Ophthalmology was held this March in Seattle. This lecture pays tribute to Dr. Apt not only for his educational and scientific contributions, but also for his pioneer role in helping to create pediatric ophthalmology as a new medical subspecialty.

Avery McMurry is in charge of continuing medical education for the medical staff of Cleveland Regional Medical Center in Shelby, NC.

J.B. White is now 75 percent retired. He spends the winter in Florida and the remainder of the year in Indianapolis. He is doing some consultations and medical-legal work.

'56
C. Warren Koehl Jr. and wife Blair have decided to escape the long winters of northeastern Pennsylvania and have retired to Aiken, SC.

'57
Richard Keates has stepped down as Professor and Chairman at the University of California-Irvine and currently is Professor of Ophthalmology at New York Medical College. He recently moved to Greenwich, CT.

Stephen Kendra of Virginia Beach is enjoying his "double retirement" after 26 years as a Navy epidemiologist and six years as Director of the Chesapeake Health Department.

Charles Knecht III is retired from active radiology practice in Allentown, PA and now living in Bonita Springs, FL where he recently got together with classmates Joe Cionni, Clark Corson and Art DiNicolia.

'60
John Coyle of Hazelton, PA has retired after practicing ophthalmology for 35 years. His daughter Kathleen is JMC '02 and son Brian is JMC '03.

'62
William V. Harrer of Haddonfield, NJ is currently President of the New Jersey Board of Medical Examiners.

'64
George Segel of Rochester, NY is Professor, Pediatrics, Medicine, Genetics and Oncology, Chief, Division of Pediatric Hematology-Oncology, and Vice Chair, Department of Pediatrics, University of Rochester School of Medicine.

'65
E. William Reiber of Tampa, FL is still practicing general surgery. He is a trustee at University Community Hospital, Tampa, and an Assistant Clinical Professor at the University of Southern Florida.

'67
Robert Madigan is a pediatric orthopaedic surgeon at the Knoxville Orthopaedic Clinic in Knoxville, and an Associate
Clinical Professor in the departments of orthopaedic surgery and pediatrics at the University of Tennessee School of Medicine. M. Adamian created the first Tennessee school scoliosis-screening program designed to educate pediatricians, family physicians and nurse practitioners.

'71
Frank Reale of Leicester, MA has recently retired from the University of Massachusetts where he practiced pathology and cytopathology. He and wife Joyce will be traveling around the country in their motor home and sailing along the East Coast.

'72
Robin Edwards has recently moved to Hilo, HI where she was doing locum tenens in the emergency room but has decided to obtain a permanent position.

Paul Fitzgerald of Mill Valley, CA is Clinical Professor of Medicine at UCSF. He has been writing the endocrine chapter for *Current Medical Diagnosis and Treatment* and is doing clinical research in pheochromocytoma.

'74
John Brooks has accepted a position as Chair of Pathology at Washington Hospital Center in Washington, DC.

Vincent Pellegrini of Wyomissing, PA has been installed as the new District Chair of the American College of Obstetricians and Gynecologists. He will serve a three-year term as head of ACOG’s District III, encompassing Pennsylvania, New Jersey and Delaware.

'76
Richard Whittington of Media, PA was promoted to Professor of Radiation Oncology and Director of Clinical Operations in the Department of Radiation Oncology at the University of Pennsylvania.

'78
Jeffrey Dietz of Novato, CA has been appointed Division Chief, Department of Emergency Medicine, Marin General Hospital in Greenbrae, CA.

Tina Krause of Philadelphia has retired as Clinical Professor, Department of Family Medicine and Community Health at the University of Pennsylvania. She enjoyed helping establish a new department at Penn (where the department is chaired by Marjorie A. W. Bowman ’76). As department Vice-Chair, Tina developed a two-year research and faculty development fellowship and all the department’s student programs.

The 2002 CME and Ski trip to Whistler, British Columbia was a huge success. Everyone enjoyed fabulous skiing and snowboarding and the alumni participated in valuable CME sessions. Check future Bulletins for details about the 2003 trip.
Now she is "becoming a plant doctor," studying at Temple's Department of Horticulture and Landscaping Design.

**David Lauter** and **Bob Abrahamsen '79** were able to reminisce and collaborate when they ran into each other attending conferences at Sugarloaf USA. Both practice in Maine "so AKK and Jefferson seem not quite so far away."

**Paul Pilgram** of Salt Lake City enjoyed being a part of the hosting of the 2002 Winter Olympics as did his five-year-old triplets. He has retired from hospital based emergency medicine and is now in private practice.

**David Reed** of New Canaan, CT has stopped doing surgery and is now a full-time consultant/entrepreneur to venture capital funds. He still volunteers and spent last year in India and New York with AmeriCorps.

'80

**James Sechler** of Pepper Pike, OH is enjoying private cardiology practice in Parma, OH. His main area of interest is heart failure.

**Raymond Wargovich** of Mt. Holly, NJ has been named "Physician of the Year" by the New Jersey State Society of Physician Assistants. Raymond is a physician director of physician assistants, as well as an intensivist, so he is involved not only in direct patient care, but also the teaching and supervision of fellows.

residents, physician assistants and students.

'81

**John Radomski** of Moorestown, NJ has been named Chairman of the Department of Surgery at our Lady of Lourdes Medical Center in Camden. In addition to his administrative duties, he will continue in the clinical practice of kidney and liver transplantation, dialysis access surgery and general surgery.

**Richard Uhl** of Delmar, NY has been promoted to Professor of Orthopaedics and is Chairman of the Division of Orthopaedics at Albany Medical College. In his spare time, he plays saxophone in an 18-piece big band.

'86

**Leonard Tachmes** of Aventura, FL is in his ninth year of private practice in plastic and reconstructive surgery in Miami. He is also the Founder/Director of Leonard Tachmes Gallery, which shows emerging South Florida artists.

'87

**William Burak Jr.** of Dublin, OH was recently promoted to Associate Professor, Department of Surgery and Surgical Oncology at Ohio State University.

'89

**Greg Braccia** has started a solo practice in spinal diagnostic/therapeutic injection located in Linwood, NJ.

'90

**Art Treiman**, wife Stacy and daughters Sydney and Brooke are thrilled to belatedly announce the birth of Seth on June 4, 2001. Art is an Assistant Professor of Family Medicine at the University of Medicine and Dentistry of NJ/RWJ Medical School and practices and teaches with Cooper Family Medicine in Woodbury.

'91

**Lynda Szczech** and Peter Cornwell of Durham, NC welcomed their son John Richard ("Jack") into their family on January 1, 2002. He was Duke University Medical Center's first baby of the new year and is adored by their first "child," Zippy, the Jack Russell terrier.

'92

**Scott Myers**, a neurodevelopmental pediatrician at the Geisinger Medical Center, was recently appointed Assistant Professor of Pediatrics at Jefferson. He and his wife Kathy live in Danville with their three children.
Building on Knowledge of Angiogenesis, Invention Provides Hope to the Obese

By Teresa Riordan

If Maria Rupnick (PhD'88) turns out to be right, losing weight may one day become easy for millions of obese people.

In laboratory experiments at M.I.T. and the Children's Hospital in Boston, Dr. Rupnick has shown that an entire class of compounds designed to inhibit cancer may also, without any obvious side effects, cause extraordinary weight loss.

So far Dr. Rupnick, now an Instructor at Harvard Medical School and Brigham & Women's Hospital in Boston, has conducted her experiments only in mice - especially so-called ob/ob mice, which are very fat creatures naturally predisposed to eating constantly and thus weighing two to three times as much as a normal mouse.

It could be a long time before her theory is tested in humans. Indeed, Dr. Rupnick has not yet even published her findings, which she submitted in November to a scientific journal where they are currently under peer review.

Already though, Dr. Rupnick, who is 39, has received a Young Investigators award from the American Heart Association for her work. And in October she received United States patent 6,306,819, which covers the commercial applications of her work.

Among Dr. Rupnick's mentors are two maverick investigators, Judah Folkman and Robert S. Langer. As a postdoctoral student she worked in the laboratory of Dr. Folkman, the surgeon and cancer researcher at Harvard, who for decades bucked conventional medical wisdom by theorizing that tumors were able to grow beyond a certain size because they could create their own blood vessels.

Dr. Folkman was the first to create an angiogenesis inhibitor - a drug designed to shrink tumors by cutting off their blood supply. More than a score of angiogenesis inhibitors are currently in clinical trials and these drugs now are considered among the most promising in cancer research.

About three years ago, Dr. Rupnick started to wonder whether the inhibitors might also have an effect on fat. But when she looked into scientific literature on the subject she did not find much. "The old articles never looked at fat because researchers thought, well, it's not a real organ, it's just stuffing. It's like an insulation."

But for Dr. Rupnick, fat was fascinating. "In an adult, whether it's a human or a mammal, we have all of the blood vessels we need," she said. "Unless there is injury or pregnancy, no new blood vessels are created. The highway is already built."

Except in the case of fat. "Adipose tissue is a noncancerous normal tissue that unlike any other tissue in the body can grow and regress, grow and regress rapidly and substantially depending on caloric intake," Dr. Rupnick said.

As Dr. Rupnick remembers it, Dr. Folkman was not initially enthusiastic about her proposal to study the vascular structure of fat - nor was anyone else. "The conservative response," she recalled, "was, 'What, are you crazy? You'll never be able to get funding. No one will ever publish your work. There are just so many charlatan things associated with the market.'"

The climate at the time, 1998, was certainly not propitious. Fen-phen, a popular diet drug combination had recently been pulled from the market because it was suspected of causing heart valve damage. Moreover, Dr. Folkman was involved in a controversy after outside scientists initially were unable to replicate his success in treating mice tumors by attacking the tumors' blood supply. He understandably "had concerns about the publicity" that her research might generate, Dr. Rupnick said. (In early 1999, scientists at the National Cancer Institute said they were able to confirm Dr. Folkman's results.)

Despite the reservations of her colleagues at Harvard, Dr. Rupnick said Professor Langer, an investigator at M.I.T. who specializes in tissue engineering, was intrigued by her fat investigations. "Bob Langer comes from M.I.T., which has a very different perspective," she said. "It translates and deals with business much more than the medical school does."

Dr. Rupnick tested five different angiogenesis inhibitors, including TNP-470, angiostatin and endlostatin, on ob/ob mice and other obese mice.

The most surprising thing was that not only did the mice stop gaining weight, they also lost a significant amount of weight.

Depending on the dose, "we decreased their body weight by almost half - that's enormous," Dr. Rupnick said. The drugs were working far better than any approved obesity drug ever had, she said.

The first reaction she got from obesity experts was that the drugs must be toxic. But Dr. Rupnick said that at normal dosages so far she had found no evidence of toxicity in the mice. And while the fat tissue shrinks, nothing else appears to - not the brain, the heart, the liver, or any other organ. Nor did the mice seem to be developing diabetes or any other chronic disease.

Why did they lose so much weight? Dr. Rupnick's theory is that the mice - whose appetites decreased significantly while on the drugs - were using the fat as fuel.

"If that fat goes into their bloodstream - which is where it has to go because it has to go somewhere - it gets converted into fatty acids and other things that can be used as a fuel," she said. So the animal essentially consumes its own fat for energy.

"I don't think that it's toxic at all," said Dr. Rupnick, who noted nonetheless that it would be impossible to prove that any drug was 100 percent nontoxic. (Angiogenesis inhibitors, however, can interfere with wound healing and menstruation or pregnancy.)

Dr. Rupnick's work suggests that blood vessels in fat never seem to fully mature but they instead exist in a special environment that allows them to grow or retract depending upon the caloric needs of the organism. This could have much larger implications. Dr. Rupnick, who is trained as a cardiologist, imagines that one day perhaps blood vessels in organs like the heart might be coaxed back into their immature state and made to heal themselves.

In the meantime, M.I.T. and the Children's Hospital have licensed Dr. Rupnick's patent, with Dr. Langer and Dr. Folkman listed as co-inventors, to Repair Incorporated, a Boston company.
Griffith Heads Maryland Heart Unit

From The Pittsburgh Post-Gazette
By Anita Srikameswaran

Bartley Griffith (Jefferson '74), the surgeon known for pioneering operations such as double-lung transplants and implantation of the Jarvik artificial heart, left the University of Pittsburgh Medical Center at the end of October for a new position in Baltimore.

Griffith, 52, will now head cardiac surgery and thoracic transplantation at the University of Maryland. He had been Chief of Cardiothoracic Surgery at UPMC since 1990 and medical director of the McGowan Institute of Regenerative Medicine. "This is kind of a bittersweet move for me," Griffith said, adding he had long supposed he would end his surgical career in his hometown. "It comes down, quite frankly, to wanting to do more."

At the Maryland medical center, he will have a leadership role in the planning and delivery of comprehensive heart care, as well as the chance to build strong research and academic programs in heart and lung surgery. The Maryland center runs the world's largest kidney transplant program and the nation's second-largest pancreas transplantation program. Its heart transplant program is small, however, and Griffith is expected to help it grow.

"He's a highly talented cardiac surgeon who brings a lot of leadership and skills to our program. We sorely need that," said Bruce Jarrell (Jefferson '73), Chairman of Surgery at the University of Maryland.

Griffith will be missed, said Dr. Arthur Levine, Dean of Pitt's medical school. "He's leaving us an important legacy, and the vision he set for this organization will certainly continue in his absence," Levine said.

Griffith's willingness to go to heroic lengths to care for desperately ill people has already earned him several mentions in medical history. He was on the team that in 1982 performed the region's first, and the world's second, successful heart-lung transplant. In 1985, he implanted a Jarvik artificial heart into the first Pittsburgh recipient. A few days later, the patient received a donor human heart, making the Jarvik procedure the world's first successful bridge-to-transplant.

Also in 1985, Griffith performed the region's first successful single-lung transplant, which hadn't been tried at the hospital since 1962. He led teams that performed the area's first double-lung transplant in 1988 and performed the nation's first pediatric double-lung transplant in 1989.

In 1983, 1987 and again in 1997, Griffith performed a rare procedure called a piggyback heart transplant, in which a donor heart is implanted beside the recipient's own disease-weakened organ. About 20 such operations have been done worldwide.

He established the use of the left ventricular assist device, which supports an ailing heart until a donor organ can be found and is being studied now as a permanent implant for patients who are not candidates for transplants. A Pittsburgh patient was the first in the nation to be allowed to go home with an assist device.

Griffith was one of the creators of the standard bypass device used during liver transplantation, which greatly improved the success of liver transplantation.

In addition to his clinical achievements, Griffith is a pioneer in research in keyhole heart surgery, and artificial hearts and lungs. In 1990, he helped found the McGowan Center for Artificial Organ Development, which recently evolved into the Institute.

He has also trained a number of transplant surgeons, including Dr. Robert Dowling, who has been in the spotlight recently for his work in artificial heart implantation at the University of Louisville. Griffith himself obtained his medical degree in 1974 from Jefferson Medical College, and then trained in surgery at the University of Pittsburgh.
'93
Richard Battista of the US Navy and his wife Marlene are proud to announce the birth of their son Maxwell James on October 17, 2001. Richard is finishing his fellowship in hand/upper extremity surgery at the University of Pittsburgh. He is slated to become a staff hand surgeon at the National Naval Medical Center in Bethesda, MD.

Tracy Calvo married Captain Brian Bilski of the US Marine Corps and is currently a general surgeon for the First Medical Battalion at Camp Pendleton Marine Corps Base, CA. She has recently returned from Afghanistan where she was deployed in support of Operation Enduring Freedom.

Craig Shepps is currently deployed as a general surgeon in the US Navy with Fleet Surgical Team Eight aboard the USS Wasp. His wife Julie and he have three children and live in Chesapeake, VA.

'95
Thomas Bauldo announces the birth of his son Ryan Andrew on February 22, 2002. He and wife Nichole reside in Vero Beach, FL where he is in practice at the Florida Eye Institute specializing in disease and retina surgery.

'97
Christopher Doty of Brooklyn, NY has been named Associate Residency Director for the Combined Emergency Medicine/Internal Medicine.

Paul Garfinkle has joined a multispecialty ophthalmology group in Alliance, OH where he also resides.

Jay Jawad is living in Seattle after completing fellowships in both child psychiatry at the University of Washington and Emergency Psychiatry at Bellevue Hospital in NY. He is currently an inpatient attending at a freestanding psychiatric hospital in West Seattle.

Suzanne Freitag and Philip Kousoubris '93 of Penn Valley, PA are proud to announce the birth of their daughter Allison Zoey on October 16, 2001. Suzanne is practicing ophthalmology at Wills Eye Hospital and Philip is a radiologist with Main Line Health.

Double reflection: the window next to the sculptures in the Alumni Hall atrium makes a bright spot for current students to breakfast with alumni. Associate Dean for Alumni Relations Phillip J. Marone '57 has established this new program—see page 3.

Gino Mori '58 visited Vernon Wong '58 at Dr. Wong’s home in Menlo Park, CA while on a trip to Silicon Valley. Dr. Wong, who took early retirement from Georgetown University School of Medicine, is now working at Oculex Pharmaceuticals in Sunnyvale.
Alumni Spotlight:
Richard Wenzel '65

Richard P. Wenzel graduated from Jefferson Medical College in 1965. He says of his medical school experience, "I was interested initially in surgery but Ken Goodner, then Professor and Chair of Microbiology, changed my life. He was an iconoclast and a rigorous scientist who forced students to think on their feet. He taught the history of ideas in medicine, not just the antics of the microbes. He believed that if new data challenged the existing model, a new model needed to be developed. In the early part of my fourth year at Jefferson, Dr. Goodner sent classmate Bill Wood and me for three months to work with a Navy Medical Research Team in the Philippines during large cholera and hemorrhagic fever outbreaks. We saw 100 cases of cholera a day, and I was hooked."

After a year at Philadelphia General Hospital, Richard Wenzel took a residency in internal medicine and a fellowship in infectious diseases at the University of Maryland. During the residency he spent a year at the National Institutes of Health studying virology. After two years in the Navy assigned to the Marine Corps, he was recruited to the University of Virginia as an Assistant Professor of Medicine. His career in hospital epidemiology and infection control began at the University of Virginia where he developed the first statewide system for monitoring nosocomial infections and the first master's program in the country in hospital epidemiology. He earned a master of science degree at the University of London's School of Hygiene and Tropical Medicine in 1986 and later was recruited to the University of Iowa to direct their Division of Clinical Epidemiology.

In 1995, Dr. Wenzel accepted the chairmanship of the Department of Medicine at the Medical College of Virginia, a part of Virginia Commonwealth University, and now is the William Branch Potter Professor and Chair. His funded research has focused on the epidemiology of hospital-acquired infections, especially bloodstream infections. In a series of historical cohort studies, Dr. Wenzel and disease epidemiologist in the country. In December he gave the Isard Lecture on "Biological Terror" at the College of Physicians of Philadelphia.

In his career to date, Dr. Wenzel has published over 440 scientific articles in his field of interest, has edited five textbooks on infection control and quality health care, and has educated over 50 fellows, most of whom have stayed in Senior U.S. Scientists from the Federal Republic of Germany, a Fogarty Senior International Fellowship from the National Institutes of Health, the Woodward Award from the United States Navy "for vision and leadership in public health and preventive medicine," and the Bruce Award given by the American College of Physicians and the American Society of Internal Medicine "for distinguished contributions in preventive medicine." In November 2001, the National Institutes of Health announced that Dr. Wenzel was one of the 10 "great teachers" identified in the 2001-2002 series on Contemporary Best Teachers. At their 2001 meeting, the American College of Physicians awarded him the designation of Master.

Dr. Wenzel was the founding editor of two journals, Infection Control and Hospital Epidemiology and Clinical Performance and Quality Health Care, and has been an editorial board member of 12 other journals. He was the lead editor of A Guide for Infection Control in the Hospital, now being translated into eight other languages for free distribution to developing countries.

In commenting on his career since leaving Jefferson, Wenzel says, "I think that there are many factors that sustain us in academic medicine. The quest to make a difference is at the top of the list. The inspiration of young medical students and housestaff who question day to day dogma, the search for new knowledge in the laboratory, at the bedside, or in a study of populations, and the gift to be invited to teach stimulate us to our greatest effort. These values were part of the Jefferson culture when I was a student, and generations of my own students will inherit the same ideals." Jefferson congratulates Richard P. Wenzel '65 on his distinguished career and thanks him for bringing distinction to Jefferson Medical College.
residency program at SUNY Downstate Hospital and Kings County Hospital Center.

Edward Dachowski Jr. of Gibsonia, PA is currently at Western Psychiatric Institute and Clinic, doing a fellowship in child and adolescent psychiatry.

'98

Geoff and Hope Pollock Seidel will be moving to North Carolina this summer to begin private practice in ob/gyn and pediatrics. They have a daughter, Grace, born last May.

'99

Virginia Smith Barrow and husband David are proud to announce the arrival of their identical twin girls, Victoria and Elizabeth, born January 9, 2002. “Thank goodness for fingernail polish or we might not be able to tell them apart!” They are still in Providence, RI where Virginia is finishing a general internal medicine residency this June and will be staying on as Chief Resident next year.

Pia Boben Fenimore and husband Mitchell of Philadelphia are pleased to announce the birth of their son William on January 23, 2002. He was born at Jefferson where Pia is a third year pediatric resident.

'00

David Schmidt of Bryn Mawr, PA is currently a resident in internal medicine at Lankenau Hospital. His wife Heather Scott Schmidt is a first year medical student at Jeff.

'01

Kristie Robson has completed her surgical internship at the Naval Medical Center in San Diego and will start her flight surgery training in Pensacola, FL.

David Osborn is a urology resident at Walter Reed Army Medical Center in Washington, DC.

Postgraduate Alumni

Joseph Riggs OBG'64 of Haddonfield, NJ continues to serve on the American Medical Association's national Board of Trustees.

Emin Kansu HEM'78 of Ankara, Turkey is now Chairman, Department of Basic Oncology, Director, Hacettepe University, Institute of Oncology-Hematopoietic Stem Cell Transplantation Unit, Executive Council member, Turkish National Academy of Sciences, Secretary General, International, Society of Hematology, and newly elected Editorial Board member of the International Journal of Hematology (based in the U.S.).

Kelley Crozier PM'89 of Wyomissing, PA has recently changed positions to become Chairperson of the Division of Rehabilitation Medicine at Reading Hospital in West Reading, PA.

Garry Karounos OBG'91 has a private practice in Allentown, PA where he lives with his three children.

Jack Sandford RO'94 is living in Herrin, IL where he is enjoying foxhunting on the weekends.

Zurik Waxenghiser PD'95 and wife Raquel had a baby girl named Sofia born on June 1, 2001. They reside in Aventura, FL.

Robert Corba APM'98 of Orefield, PA has become a partner at Lehigh Valley Hospital with Pain Specialists of Greater Lehigh Valley in the division of clinical research and resident education. He is also a Clinical Associate Professor of Anesthesiology and Pain Management with Penn State University.

David Rashdumi IM'01 of New Brunswick, NJ is a fellow in cardiology at Robert Wood Johnson University Hospital.

Susan Gerhardt PUD'01 of Baltimore is a postdoctoral fellow in pulmonary/critical care at Johns Hopkins Hospital. She is also working on a master's degree in clinical epidemiology.

Please submit nominations for the Alumni Achievement Award:
Submit the name of the candidate to the Chairman, Alumni Achievement Award Committee, Alumni Office, Jefferson Alumni Hall, 1020 Locust Street, Philadelphia, PA 19107, and the committee will do the rest.
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- E-mail your questions to jeff.trust@mail.tju.edu
- Visit the Jefferson Trusts and Estates website for a personalized life income calculation at http://jeffline.tju.edu/tjuweb/tju/jeffgiving/plangiv.htm

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