

UNIVERSITY of MARYLAND

MEDICINE

# Bulletin

Fall 2018 • Volume 103 • Number 2

ADMITTING  
WOMEN  
**100**  
YEARS

Beginning with this session,  
**1918-1919**, women will be  
admitted to the  
Medical Department  
of this University.

REQUIREMENTS FOR MATRICULATION.

# Opioids and Orthopaedics

## Addressing Children's Pain in the Midst of an Opioid Epidemic

University of Maryland Medical Center is a statewide leader for pediatric orthopaedic surgery. Orthopaedic surgeons are known for being frequent opioid prescribers, due to the pain often associated with their procedures, and in light of this, Joshua M. Abzug, MD, and his colleagues from the Pediatric Orthopaedic Society of North America evaluated a research study that examines how the current crisis relates to children.

- Among high school seniors, 80% of those who reported non-medical use of prescription opioids previously had legitimate prescriptions, but recreationally used leftover doses.
- It was found that administering gabapentin (a non-opioid, non-narcotic pain medication) to pediatric spinal fusion patients 30 minutes before surgery lowered their total morphine consumption in the recovery room, and for the first two days after surgery. Pain scores were also significantly reduced.
- Postoperatively, acetaminophen and/or nonsteroidal anti-inflammatory drugs were used, as was conversion from parenteral to enteral analgesia as soon as a diet is able to be tolerated.
- In the past two years, physicians from University of Maryland Orthopaedics performed nearly 1,000 pediatric surgeries.



### MEET THE EXPERT:

**Joshua M. Abzug, MD**

Associate Professor of Orthopaedics and Pediatrics, University of Maryland School of Medicine and Director of Pediatric Orthopaedics, University of Maryland Children's Hospital

To refer a patient, call 410-448-6400.



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Cover story

**6 Empowered to Practice: Maryland Celebrates 100 Years of Admitting Women**

*You had to look hard to find it in the annual announcement of the upcoming school session in 1918. On page 42 was a one-sentence statement that women would be accepted to our medical school. It was the beginning of a long struggle for women to gain equality with men in the practice, an equality that many believe hasn't yet been achieved.*



**16 The MAA Honor Roll**

*Each year in this fall edition of our magazine, the Medical Alumni Association publishes its list of alumni, faculty, and friends who made contributions to the Association during the prior fiscal year. Preceding the honor roll is a listing of the John Beale Davidge Alliance—the school's permanent recognition society for major donors.*

**40 Alumna Profile: Sharon M. Henry, '85**

*The Trauma Package*  
*A number of influences brought her here—medical television shows as well as real-life experiences. But one thing is unmistakable: Sharon M. Henry, '85, was tailor made for trauma surgery. She is quick, smart, extremely determined, and to keep up with her you need an inexhaustible energy supply. She is professor of surgery at the R Adams Shock Trauma Center.*



**42 Alumna Profile: Elizabeth M. Nichols, '08**

*Targeting Breast Cancer*  
*She was in the right place at the right time, and Elizabeth M. Nichols, '08, certainly took the ball and ran with it. The young and talented physician/scientist is principal investigator for the GammaPod project at Maryland, delivering pin-point radiation therapy to patients with early-stage breast cancer.*



Departments

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DEAN'S  
*message*



The research building [Health Sciences Research Facility III] expands our school's footprint to more than 1.1 million square feet, housing more than 400 personnel and generating an estimated \$107.4 million in annual research funding.

Trusting that our academic community has enjoyed the slower pace of summer for a chance to rest and recharge, the medical school's campus is abuzz with the excitement of a new academic year. With the anticipation of several major milestones, we are ready to begin another productive season. Ralph Waldo Emerson eloquently described our emotional journeys from summer to fall: "When summer opens, I see how fast it matures, and fear it will be short; but after the heats of July and August, I am reconciled, like one who has had his swing, to the cool of autumn."

Welcoming the class of 2022, we acknowledge that this is the 19th consecutive year the incoming class includes a majority of women students. This detail about our new class appropriately describes part of our culture at the school, as we celebrate our 100th anniversary of admitting women. Our own personal pioneer in medical education, **Theresa Ora Snaith** became the first woman to graduate from the medical school in 1923. As our country has made great strides in gender and minority equality over the years, the school has consistently remained ahead of this curve according to data from the Association of American Medical Colleges.

As an exemplary present-day representative of women in medical excellence, **Sharon Henry, class of '85**, profiled in this issue, inspires all those in her field of trauma and critical care medicine. Her dedication, not only to trauma care and surgery, but to the expansion of the specialty's educational activities, will influence generations to come.

Similarly, yet uniquely, **Elizabeth Nichols, class of '08**, also profiled in the following pages, has already made her mark in radiation oncology. As chair of the GammaPod Consortium, she enthusiastically leads a community of pioneering medical institutions dedicated to the ongoing research of clinical applications, patient outcomes, and new clinical protocols utilizing the device. Our own University of Maryland physicians and scientists invented and developed the GammaPod as the first radiation therapy system dedicated specifically to treat early stage breast cancer.

Recognizing that the education of these women and many more may not have been possible without the generous gifts of alumni and other selfless benefactors, we have dedicated part of this issue to the Medical Alumni Association Honor Roll of Donors. On behalf of the entire school community, I extend my deepest gratitude to those graduates who were so driven by the work of our talented faculty physicians and scientists that they would contribute to our ongoing missions. These contributions enable us to produce more inspiring breakthrough discoveries and treatments than ever before.

While we honor our successful alumni, we also celebrate accomplishments like our newest research building, Health Sciences Research Facility III. We kicked off this academic year by opening the building with a celebration planned for more than 600 attendees. The research building expands our school's footprint to more than 1.1 million square feet, housing more than 400 personnel and generating an estimated \$107.4 million in annual research funding. The biomedical research conducted in this building will provide the capacity to expand the school's life-saving programs. I am extremely proud of the effort it took to bring this project to fruition, including the promising potential of our students, faculty, and staff who prompted the need for such a state-of-the-art facility as this.

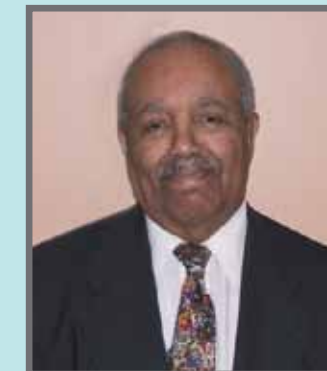
While our new and returning students and colleagues settle into their routines for the year, I look forward to the coming interactions, developments, and discoveries that drive the excellence of our medical school.

**E. Albert Reece, MD, PhD, MBA**

*University Executive Vice President for Medical Affairs and the John Z. and Akiko K. Bowers Distinguished Professor and Dean, University of Maryland School of Medicine*

*Remembered* ..... **Roderick E. Charles, '55**

**Roderick E. Charles, '55**, one of Maryland's first two African-American graduates, died June 14, 2018, in Washington, D.C., at the age of 90. Charles was admitted in the fall of 1951 with **Donald W. Stewart, '55**, who was a plaintiff in a lawsuit filed against Maryland for racial discrimination.



A Baltimore native, Charles lost his father when he was five, and the following year one of his two sisters died of rheumatic fever. His mother, who had been a case worker for the welfare department and a secretary to the owner of the Baltimore *Afro-American* newspaper, returned to high school in the hopes of finding a better job. She supported the family by refurbishing fur coats.

On his 17th birthday in 1944, Charles dropped out of school to join the U.S. Navy. Stationed in the South Pacific, he served for two years before returning to Baltimore to complete high school through a veteran's program. Charles then attended Howard University, courtesy of the GI bill where he found himself enamored by people's minds. He studied philosophy, literature, and humanities and was encouraged to pursue a career in psychiatry.

Virtually his entire medical education at Maryland was underwritten by the Bragg Home Fund and Jewish Family Services, but Charles also maintained a job pressing clothes. In a 2004 interview with the *Bulletin* magazine, Charles recalled the frustrations of hearing some professors making racial jokes in class "and then leaving quickly at the end of lecture before we could cuss them out."



It was at the hospital where he met his future wife Mamie, as she ran educational and play programs for pediatric inpatients. They married after graduation in 1955, and it was during his internship at Milwaukee County Hospital when Charles decided on a career in psychiatry. SUNY Buffalo was the location of his residency training where he stayed on afterwards as a member of the full-time faculty. From 1959 to 1960, Charles was a New York State Research Fellow.

In addition to his practice, Charles served on SUNY's faculty council as well as the admissions board, playing a key role in integrating the medical school. He later served on a policy committee overseeing admissions. He was appointed to the New York State Council on Mental Hygiene Planning as well as New York State Council for Migrant Health. Charles helped establish, staff, and

oversee operations for a free medical clinic for migrant farm workers in Chautauqua, located some 50 miles south of Buffalo. He retired from full-time practice in 2001. Charles also served as president of the Buffalo chapter of the National Medical Association.

Survivors include two children, two step-children, and two grandchildren. He was preceded in death by Stewart, who passed away on October 10, 2016. 🏠



## Foxwell Retiring as Admissions Head Davidge Hall Room Named in His Honor

**Milford M. “Mickey” Foxwell, Jr., ’80**, associate dean of admissions since 1989, has retired due to health reasons.

After graduation in 1980, Foxwell interned at Washington Hospital Center in Washington, D.C., before returning to Maryland for residency training in internal medicine and a year as chief resident in 1983. He joined the faculty the following year as an assistant professor and in 1989 was offered the admissions post by then dean **John M. Dennis, ’45**. As admissions head he has been responsible for the placements of more than half Maryland’s living alumni.



The eastern shore native hopes to phase into a consulting role in the office in support of his assistant dean, **Sandra M. Quezada, ’06**, who has been elevated to the interim position. Quezada will also continue in her role as assistant dean for academic and multicultural affairs at the school.

Foxwell is a memorabilia collector and has a passion for history. For more than 20 years he has chaired the Medical Alumni Association Davidge Hall Restoration Committee and has served as treasurer for the Trustees of the Endowment of the University of Maryland, Inc., which manages a sizable endowment for the medical school. In honor of his many contributions to the school, the MAA Board of Directors earmarked funds to name the second floor dissecting laboratory in Davidge Hall the **Milford M. Foxwell, Jr., M.D. Dissecting Laboratory**. If you wish to participate in this initiative, make your check payable to: MAA-Foxwell Fund and mail to: Medical Alumni Association, 522 W Lombard Street, Baltimore, MD 21201. Gifts are also accepted online at [www.medicalalumni.org](http://www.medicalalumni.org). 🏛️



## Alumni Gather in Orlando for NMA



More than 80 alumni and friends gathered at the Rosen Shingle Creek Hotel in Orlando this summer for a Maryland reception during the annual meeting of the National Medical Association (NMA). Held on Monday, August 13, the event was hosted by medical school dean **E. Albert Reece, MD, PhD, MBA**, **Robert M. Phillips, ’82**, and MAA executive director **Larry Pitrof**. It was the 18th consecutive year for the celebration at the NMA. 🏛️

MAA board member Walker L. Robinson, ’70, medical school dean E. Albert Reece, MD, PhD, MBA, and Robert M. Phillips, ’82 at the NMA reception

## Mummies Exhibit Returning to the States



After two stops in Europe, the Medical Alumni Association’s **Alan Burns Collection of Anatomical Specimens** will be returning to the United States on the continuation of its six-year world-wide tour. Exhibitions International, which oversees the *Mummies of the World: The Exhibition II*, announced earlier this year that the collection will finish up in Budapest on January 20 and open in

Phoenix on February 9.

The exhibition is a collection of human and animal subjects from around the world and includes 11 pieces from the Burns Collection which was brought to Maryland from Scotland in 1820 by **Granville Pattison**, professor of anatomy and surgery who later served as dean. The pieces were used as teaching aids through the early 20th century. The Maryland mummy is also traveling with the show. The cadaver was mummified in 1994 by **Ronn Wade**, former director of the Maryland State Anatomy Board, using tools and techniques of the ancient Egyptians. 🏛️

## MEDICAL SCHOOL TRANSITIONS



**Scott Strome, MD, FACS**, professor and chair of the department of otorhinolaryngology-head & neck surgery, has been named executive dean, college of medicine and vice chancellor

for health affairs at the University of Tennessee Health Science Center in Memphis, Tenn. **Rodney Taylor, MD, MPH**, associate professor, is serving as interim chair.



## Knipp, ’76, Elected Chair of UMB Foundation

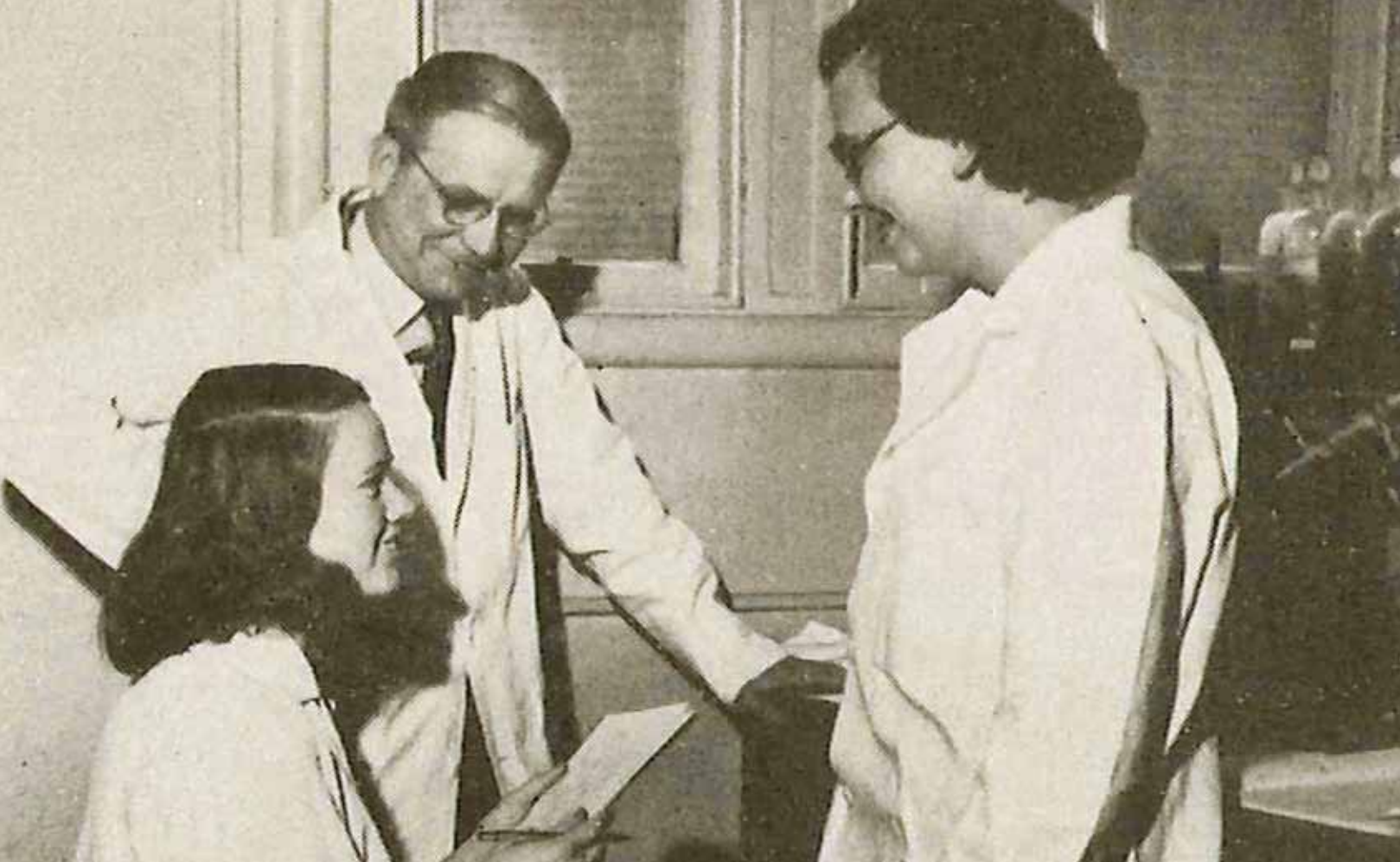


**Harry C. Knipp, ’76**, a retired radiologist and former president of the Medical Alumni Association, was elected chairman of the board of trustees for the University of Maryland Baltimore Foundation in June.

Knipp oversees a board of 36 that advises the university president on matters affecting university programs, students, faculty, employees, and the community. It promotes the university through advocacy and fund raising, and manages and invests gifts and property for the benefit of the university.

First joining the board in 2009, Knipp has served as secretary and chair of the advancement committee. Other medical school members on the board include **Edward L. Perl, ’74**, **Richard L. Taylor, ’75**, **Gary D. Plotnick, ’66**, **Neda Frayha, ’06**, and friend and benefactor **Carolyn B. Frenkil**. 🏛️





{Beginning with this session, 1918-1919, women will be admitted to the Medical Department of this University.}



By Christianna McCausland

# EMPOWERED

## TO PRACTICE:

# Maryland Celebrates 100 Years of Admitting WOMEN

One-hundred years ago, with this one inauspicious and pragmatic line, the University of Maryland School of Medicine changed the course of history for generations of women who aspired to careers as physicians. Yet its brevity and placement, buried on page 42 of the annual announcement of session under “requirements for matriculation,” speaks to the long road women would face to gain equality in the medical field.



{Beginning with this session, 1918-1919, women will be admitted to the Medical Department of this University.}

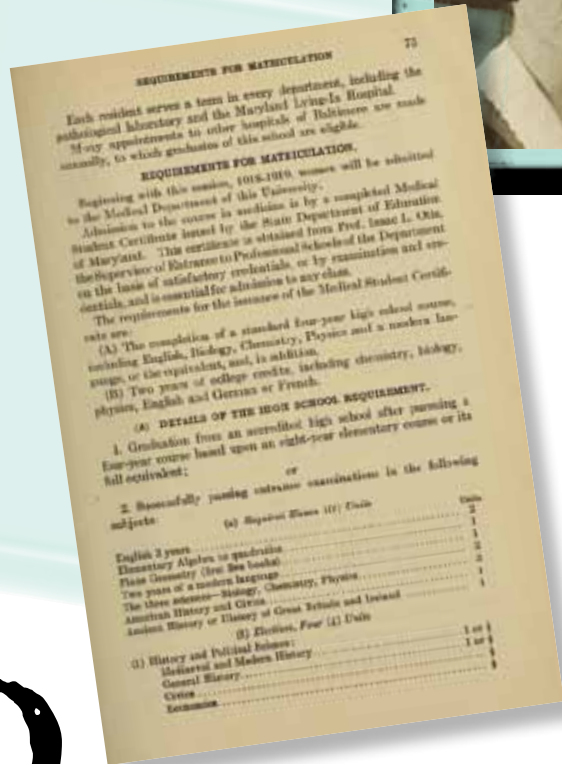


Dr. Snaith, 1923

# 1918—2018



Dr. Flynn, 2018



P

rior to 1918 women had made progress into the medical world. The first woman to graduate from medical school in the United States—the first modern woman doctor of medicine, in fact—was Elizabeth Blackwell. She matriculated at Geneva Medical College (now Hobart) in 1849, graduating first in her class. Despite her accomplishments, she consistently found herself shutout of hospital posts. Reflecting on her life she stated, “A blank wall of social and professional antagonism faces the woman physician that forms a situation of singular and painful loneliness, leaving her without support, respect or professional counsel.”

Blackwell had to forge her own path. She opened her own dispensary, the New York Infirmity for Women and Children, and opened the Woman’s Medical College there in 1868. In her article, “The Entry of Women into Medicine in America: Education and Obstacles 1847-1910,” Meryl S. Justin explains that all-women medical colleges like Blackwell’s flourished in the mid-to-late 19th century. The

Women’s Medical College of Baltimore opened its doors in 1882 and during its 28-year history graduated 116 physicians. Justin states that female physicians were particularly successful in western states where the desperate need for doctors overrode any gender bias. By 1900, there were 7,387 female practitioners.

Then, women’s colleges began to shutter their doors. Much of the blame likely lies in the release of The Flexner Report, an exhaustive study of medical education published in 1910 by Abraham Flexner and underwritten by The Carnegie Foundation. According to “The Flexner Report—100 Years Later” published in *The Yale Journal of Biology and Medicine*, while the report created the academic model still used today, it also caused approximately one-third of American medical schools to close.

In the report Flexner noted that there were an increasing number of co-educational schools available to women and yet there was a decrease in the number of women attendees. He theorized that women clearly were just not that interested in going to medical school:

“Now that women are freely admitted to the medical profession, it is clear that they show a decreasing inclination to enter it. More schools in all sections are open to them; fewer attend and fewer graduate...their enrolment should have augmented, if there is any strong demand for women physicians or any strong ungratified

desire on the part of women to enter the profession. One or the other of these conditions is lacking, perhaps both.” The Flexner Report explained that it wasn’t financially worthwhile to fund women’s medical colleges, as those few women who were interested in school could attend co-educational schools.

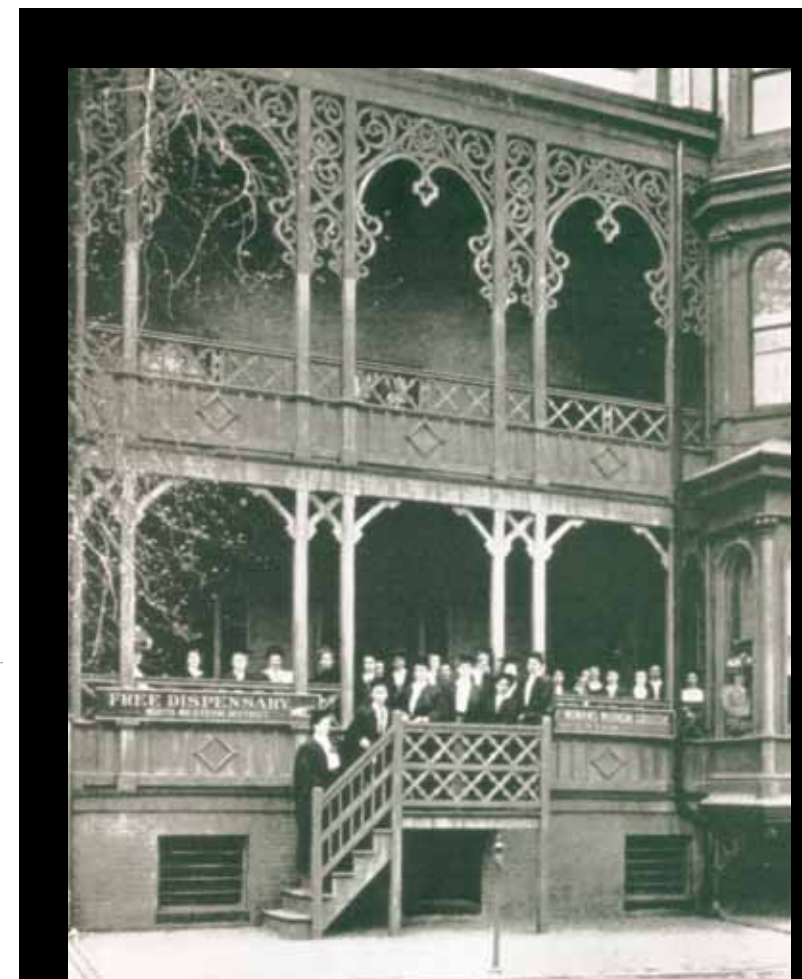
Flexner neglected to consider that the decrease in female enrollment was due to the bias women faced when applying to coeducational institutions, and in the classroom should they be admitted. Even if they made it to graduation, a new set of challenges awaited. Like Blackwell, most women physicians were blocked from observing in clinics or training as interns and barred from admission to medical societies.

Flexner did seem to understand this when he noted that if the women’s colleges were to close, “interne [sic] privileges must be granted to women graduates on the same terms as to men.”

Many women’s colleges, including Baltimore’s, went out of business. It’s not surprising that with nowhere to go to school, this era saw a marked drop in the number of female doctors.

Things began to change after the turn of the century. A new wave of feminism, evidenced by suffrage, coalesced with women’s increasing involvement in social justice movements, particularly those having to do

Flexner neglected to consider that the decrease in female enrollment was due to the bias women faced when applying to coeducational institutions, and in the classroom should they be admitted.



The Women’s Medical College of Baltimore



with the health of women and children. Medical societies began opening to women; in 1915 the American Medical Association admitted its first females.

At Maryland several factors contributed to the decision to accept women. There was a shortage of physicians due to World War I and it was increasingly seen as inappropriate that a medical school accepting an appropriation from the state did not consider female candidates. In addition, women had been attending the schools of dentistry and pharmacy for many years, with exceptional results.

The first woman to successfully take advantage of the medical school's new policy was Theresa Ora Snaith. Snaith grew up in the bustling manufacturing town of Weston, West Virginia, the daughter of a well-to-do well-driller. Snaith transferred to Maryland from the Women's Medical College in Philadelphia and became its first female graduate in 1923. After graduation she was a successful pediatrician in Weston until her death at age 61. The auxiliary at Stonewall Jackson Memorial Hospital in West Virginia is named in her honor.

One can only speculate what academic life was like for these pioneering women, though Snaith's entry in the university yearbook gives an indication of the scrutiny female medical students experienced. "I am sure we all agree," it states, "that she has not detracted from the prestige of our Alma Mater."

In the 1920s women accounted for one percent of the student population. By the 40s that number had risen to just 5 percent. Yet women were making their mark on the profession. Eva F. Dodge, '25, for example, became Maryland's first

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Dr. Dodge, 1925

rotating intern and resident in obstetrics and gynecology. During her five-decade long career she was a teacher, physician and public health administrator. In 1967 she became the first woman to receive Medical Alumni Association Honor Award and Gold Key. Ruth W. Baldwin, '43D, co-discovered the causes of congenital cerebromacular degeneration and established the seizure unit at Maryland in the 1950s.

Martha E. Stauffer, '60, grew up in a family of physicians. Her father's Hagerstown practice was on the first floor of the home where she grew up. She remembers going through his office wastebasket as a young child, fascinated to read the old drug circulars. When she opted for medical school after attending Vassar, her family was supportive but her initial interviews at Maryland made it very clear the environment she was entering.

"I met with a surgeon first and he said, "I don't know why I'm wasting my time interviewing you. Medical school is no place for a woman." That was my first introduction," she recalls. "He said women don't go into medicine, they ought to be home taking care of the family."

Unsurprising, that surgeon did not support her admission, but the other two interviewers, a researcher and an internist, did not share the prejudice of the first. Stauffer entered the school in 1956, one of three women in a class of 98 people, and graduated four years later. She explains that it is in her nature to ignore nonsense, a quality that served her well when there were off-color comments about female genitalia

in anatomy classes, or when someone mentioned that she was taking a spot at the school from a more deserving man.

"I looked at my goal—to be an MD—and decided to stay focused on my goal, to do the best I could, to work as hard as I could, keep my grades up, and not ruffle any feathers," she states. "I let all the comments rub off."

She did, however, raise concerns over the accommodations for women on call during their junior and senior year clinical rotations. Men were provided a twin bedroom; if a



Dr. Schimmel, 1952

“There were some people who felt this was no place for a woman, that you were taking a man's place and that a woman would not devote her life to medicine as a man would,” she states. “It was frustrating to hear but, “I belong here” was always my answer.”

woman was on call they were sent to a basketball court-sized room with approximately 20 cots lined up for every single woman on call in every specialty.

"There was one telephone that hung by the door, so you wanted to make sure you didn't take the bed by the door because you'd be answering the phone for everyone in the room all night," she recalls. "Looking back now it was just outrageous, but it's just an illustration of how the focus had not yet been given to women's comfort and health. It's an example of the barriers that faced women at that time."



Dr. Stauffer, 1960

By the time Stauffer left, there were plans to improve female on call accommodations.

Stauffer's father was an internist and she thought she would follow his footsteps. But she also loved pathology and endocrinology. At Maryland she found great professors and mentors and did two sequential summer fellowships in endocrinology. The chief of endocrinology, Tom Connor, '46, became a mentor. He encouraged her to write up her research on a young patient with oxalosis and submit it

to the student essay contest at *The New England Journal of Medicine*. The essay won in 1960.

Stauffer remembers that Harlan Ferminger, MD, head of the department of pathology, inspired students to think about pathology in new ways. She also recalls her Saturday morning rounds with Jacob Finesinger, MD, chief of psychiatry, who taught her how to effectively speak with patients. Theodore Woodward, '38, chief of the department of medicine, she recalls as being a master of small group teaching.

After graduation from medical school, Stauffer com-



## EMPOWERED TO PRACTICE

Despite women's obvious commitment to the field of medicine, their desire to be physicians, and the need for women in the medical field, enrollment at Maryland as with all U.S. schools, remained scant through the 20th century. That changed with a new wave of feminism in the 1970s and particularly with the passage of Title IX in 1972.



Dr. Edwards, 1977

pleted residencies in internal medicine, anatomic pathology, laboratory medicine and nuclear medicine and became board certified in each of these specialties. She then spent two years doing research on metabolic disorders of bone, such as osteoporosis, which she continued until her retirement. Today she's a retired professor of pathology at the Dartmouth Hitchcock Medical Center in New Hampshire and retired chief of pathology and laboratory services at the Veteran Administration Hospital in Vermont.

During her career she states, "I never noticed any prejudices against me as a woman, however I did notice, and I think it is still the case today, that even if you did good work you were much less likely to be promoted up the academic ranks than if you were a man."

"I've had a very gratifying career and enjoyed medicine," she continues, "I feel grateful to those who have helped along the way and I attribute a lot to the University of Maryland."

Bella F. Schimmel, '52, began at Maryland four years earlier. She was one of five females, though two left during the first semester. Like Stauffer she remembers there being plenty of supporters of women at the school and some detractors. Like Stauffer, she found the detractors were more often professors, not students, and that their reasoning was that women were "taking" spots from men who would do more with their degree than a woman ever could.

"There were some people who felt this was no place for a woman, that you were taking a man's place and that a woman would not devote her life to medicine as a man would," she states. "It was frustrating to hear but, "I belong here" was always my answer."

Like Stauffer, Schimmel has proved the naysayers wrong, making medicine her life's work. Born and raised near Druid Hill Park in Baltimore City, Schimmel studied zoology at University of Michigan. Though she considered lab work or working with animals, "I decided medicine could offer me a

wide range of career possibilities, be it research or teaching or clinical work," she states. "However, I had no notion that I could get into medical school and carry out the intense requirements necessary."

Schimmel remembers that growing up, doctors were afforded a special status, that they were respected members of the community. She wanted that, too. In addition, she wanted to work with people and medicine offered many ways to do so.

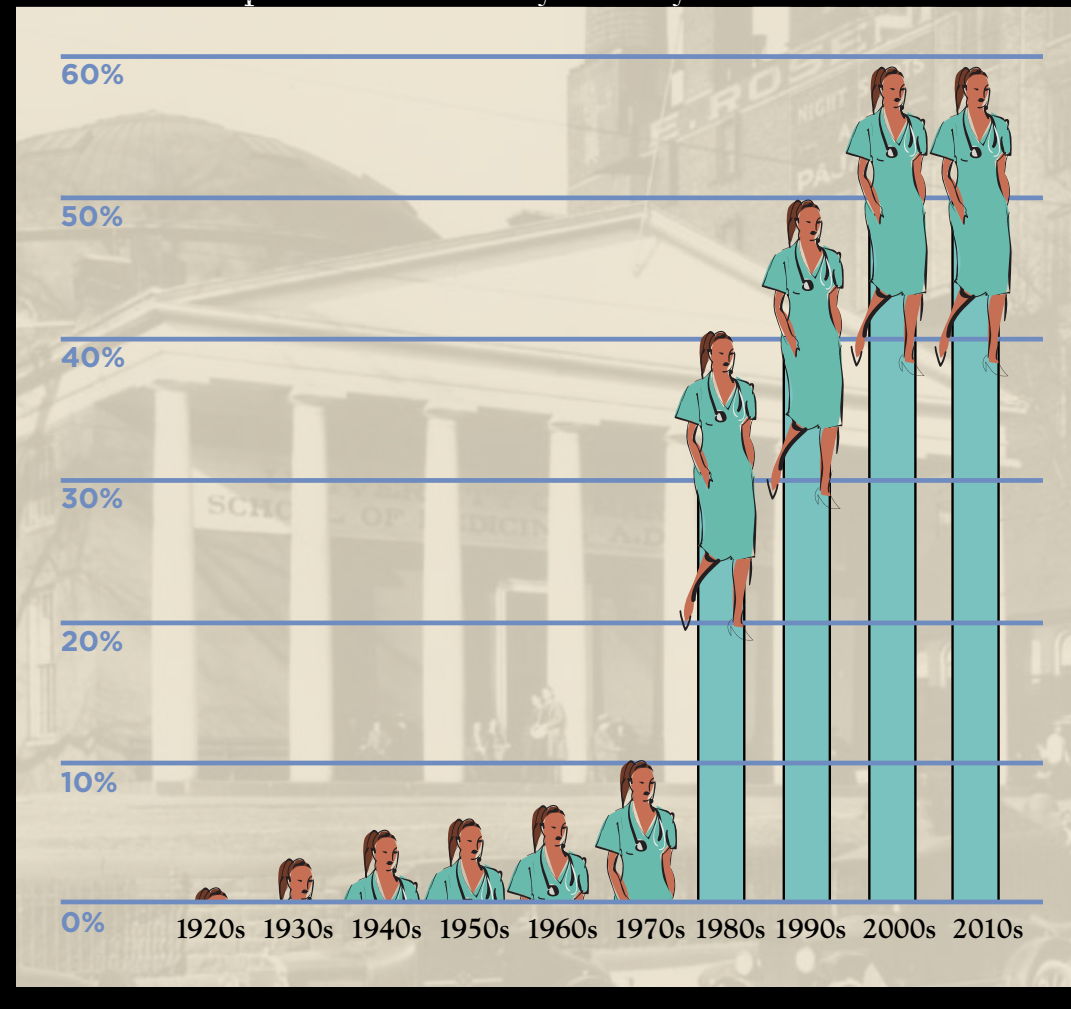
Schimmel was interested in pediatrics at Maryland. She recalls Milton Sachs, MD, as being a mentor and great listener at the school. After graduation she took a pediatric residency position at UCLA and worked as an intern at Los Angeles County General Hospital. She also worked overseas doing pediatrics in Germany with the U.S. Army.

Through her work she began to see how connected child health was to the health of the family, particularly the mother. She switched her specialty to psychiatry, studying three years in adult psychiatry and two years in child psychiatry. She's also trained in psychoanalysis. She's taught at UCLA most of her life and worked in, and led, children's clinics. Now 90-years-old she still sees some patients in clinics and in her private practice. She also provides horticulture therapy to special education classes in California schools. She raised four children and has four grandchildren.



Dr. Smoot-Haselnus, 1985

## Women's Acceptance at University of Maryland School of Medicine



"The School was gracious enough to admit me and I have always been grateful for that," Schimmel states. "It enabled me to have a career and gave me my life's work."

Despite women's obvious commitment to the field of medicine, their desire to be physicians, and the need for women in the medical field, enrollment at Maryland as with all U.S. schools, remained scant through the 20th century. That changed with a new wave of feminism in the 1970s and particularly with the passage of Title IX in 1972. After Title IX, which prohibits discrimination based on sex in any education program or activity receiving Federal financial assistance, women's acceptances at medical schools exploded.

At Maryland, the percentage of women jumped from 10 percent in the 1970s to 40 percent in the 1980s. In 1996

In 2017, the Association of American Medical Colleges (AAMC) announced that for the first time there were more women enrolled in medical school than men. However, AAMC research also shows that that even as the bench of qualified women gets deeper, their representation in positions of authority is not commensurate. According to the AAMC's 2013-14 *The State of Women in Academic Medicine*, women make up a little more than one third (38%) of full-time academic medicine faculty and the percentage of permanent women department chairs (15%) and deans (16%) at U.S. medical schools remains low.

As Maryland celebrates its 100th year accepting women, it is positioned to take the next great step toward parity: to graduate a new generation of female physicians who will not only be empowered to practice, but to lead. 🏛️

ADMITTING  
WOMEN  
100  
YEARS

the school graduated its first predominantly female class, and the attendance of women has hovered above 50 percent virtually every year since.

With growing equality at medical school, women began to reach the upper echelons of achievement once reserved for their male counterparts. Catherine N. Smoot-Haselnus, '85, became the first female president of the Maryland State Medical Society in 2002 and Willarda V. Edwards, '77, succeeded her, becoming the first female African American president of the society in 2004.



## Books & Publications

❖ **Termeh Feinberg, PhD, MPH**, postdoctoral research fellow, center for integrative medicine, department of family & community medicine, was lead author of "The Complementary Health Approaches for Pain Survey (CHAPS): Validity Testing and Characteristics of a Rural Population with Pain," published in *PLoS One* in May 2018.



Meagan Fitzpatrick, PhD

❖ **Meagan Fitzpatrick, PhD**, research associate of medicine, was lead author of "The Challenge of Vanquishing HIV for the Next Generation-Facing the Future," published in *JAMA Pediatrics* in May 2018.

❖ **Robert Gallo, MD**, the Homer & Martha Gudelsky Distinguished Professor in Medicine, director, institute of human virology, and **Yutaka Tagaya, PhD**, assistant professor of medicine, institute of human virology, authored "Time to Eradicate HTLV-1: An Open Letter to WHO," published in *The Lancet* in May 2018.

❖ **Ronald Gartenhaus, MD**, professor of medicine; **Bandish Kapadia, PhD**, postdoctoral fellow, program in oncology; **Nahid Nanaji, MD, MPH**, clinical assistant professor of pathology; **Kavita Bhalla, PhD**, assistant professor of medicine; **Rena Lapidus, PhD**, associate professor of medicine, were among the co-authors of "Fatty Acid Synthase Induced S6Kinase Facilitates USP1 I-eIF4B Complex Formation for Sustained Oncogenic Translation in DLBCL," published in *Nature Communications* in February 2018.

❖ **Anthony Harris, MD, MPH**, professor of epidemiology & public health, was among the co-authors of "The Importance of Contact Precautions for Endemic Methicillin-Resistant *Staphylococcus aureus* and Vancomycin-Resistant Enterococci," published in the *Journal of the American Medical Association* in March 2018.

❖ **Thomas Hornyak, MD, PhD**, associate professor and chair of dermatology, and

**Paul Antony, MD**, assistant professor of pathology, were among the co-authors of "17-AAG Inhibits Vemurafenib-Associated MAP Kinase Activation and is Synergistic with Cellular Immunotherapy in a Murine Melanoma Model," published in *PLoS One* in February 2018.



Miriam Laufer, MD, MPH

❖ **Miriam Laufer, MD, MPH**, professor of pediatrics and associate director of malaria research, center for vaccine development and global health, and **Lauren Cohee, MD**, instructor of pediatrics, center

for vaccine development and global health, wrote a commentary "Tackling Malaria Transmission in Sub-Saharan Africa," published in *The Lancet* in April 2018.

❖ **Alfred Papali, MDCM**, adjunct assistant professor of medicine, was among the co-authors of "Association of the Quick Sequential (Sepsis-Related) Organ Failure Assessment (qSOFA) Score with Excess Hospital Mortality in Adults with Suspected Infection in Low- and Middle-Income Countries," published in the *Journal of the American Medical Association* in June 2018.

❖ **Danilo Perrotti, MD, PhD**, professor of medicine, was among the co-authors of "Bone Marrow Niche Trafficking of miR-126 Controls the Self-Renewal of Leukemia Stem Cells in Chronic Myelogenous Leukemia," published in *Nature Medicine* in March 2018.



Mohammad Sajadi, MD

❖ **Mohammad Sajadi, MD**, associate professor of medicine, institute of human virology, published an editorial comment in a multi-disciplinary collaboration with **Vasken Dilsizian,**

**MD**, professor, and **Wengen Chen, MD, PhD**, associate professor, both from the department of diagnostic radiology & nuclear medicine, titled "Targeted Bacteria-Specific 18F-Fluoro-Maltohexaose but Not FDG PET Distinguishes Infection from Inflammation," published in the *Journal of the American College of Cardiology: Cardiovascular Imaging* in April 2018.

## Patents

❖ **Stefanie Vogel, PhD**, professor, and **Katharina Richard, PhD**, research associate, both from the department of microbiology and immunology, were awarded US patent for "Compositions and Vaccines Comprising Vesicles and Methods of Using the Same," issued in July 2018.



Stefanie Vogel, PhD

## Awards & Honors

❖ **Maureen Black, PhD**, the John A. Scholl, MD and Mary Louise Scholl, MD, Professor, department of pediatrics and **Kathleen Neuzil, MD, MPH, FIDSA**, professor of medicine and pediatrics and director of the center for vaccine development and global health, were honored in March by the *Daily Record* newspaper as Maryland's Top 100 Women.

❖ **Sally Cheston, MD**, assistant professor of radiation oncology, received a special citation from Maryland governor Larry Hogan in May, in recognition of her long-term and outstanding work in creating and sustaining a joint University of Maryland School of Medicine/Johns Hopkins program in radiation oncology at Howard County General Hospital.

## Grants & Contracts\*

❖ **Eugene Albrecht, PhD**, professor of obstetrics, gynecology and reproductive sciences, received a five-year \$3,152,686 grant from the National Institutes of Health for "Regulation of Uterine Spiral Artery Remodeling during Primate Pregnancy."

❖ **Brian Berman, MD**, professor of family & community medicine, and director, center for integrative medicine, and **Lisa Susan Wieland, PhD, MPH**, assistant professor of family & community medicine, center for integrative medicine, received a five-year, \$2,800,000 grant from the National Center for Complementary & Integrative Health for "Cochrane Complementary Medicine Field: Resource for Research."

❖ **Rao Gullapalli, PhD, MBA**, professor of diagnostic radiology and nuclear medicine; **Neeraj Badjatia, MD, MS**, professor of neurology; and Jerry Prince, PhD, professor of biomedical engineering, Johns Hopkins University, are multiple principal investigators on a NIH R01 grant studying longitudinal sub-thalamic structure and functional alterations in mild traumatic brain injury. The five-year grant from the National Institute of Neurological Disorders and Stroke has a total budget of \$3,064,343. The team will develop novel MR imaging and multi-modal feature classification methods to segment the thalamus into its individual nuclei and test the hypothesis that post traumatic alterations in the structural and functional integrity of the thalamic nuclei will be associated with progression of specific neuropsychological and cognitive symptoms after mild traumatic brain injury.



Isabel Jackson, PhD

❖ **Isabel Jackson, PhD**, assistant professor of radiation oncology, was awarded a one-year subcontract for \$1,300,590 with Humanetics Corporation under National Institute of Allergy and Infectious Diseases for "An NHP Efficacy Study of BIO 300 for the Mitigation of DEARE-induced Pneumonitis and Pulmonary Fibrosis."

❖ **Bankole Johnson, DSc, MD**, the Dr. Irving J. Taylor Professor and Chair, and **Chamindi Seneviratne, MD**, assistant professor, both from the department of psychiatry, received a five-year, \$2,857,615 grant from the National Institute on Alcohol Abuse and Alcoholism for "Genomic Predictors of Placebo Response in Phase II AUD Trials."

❖ **Anthony Kim, PhD**, assistant professor of neurosurgery and pharmacology, received a five-year, \$1,767,095 NIH R01 grant from the National Cancer Institute for "Impact of Fn14-targeted Nanoparticles for Triple-Negative Breast Cancer." **Jeffrey Winkles, PhD**, professor of surgery and physiology, is a co-investigator on this project.

❖ **Myron Levine, MD, DTPH**, the Simon and Bessie Grollman Distinguished Professor of Medicine and associate dean for global health, vaccinology and infectious diseases, was awarded a three-year \$1,499,999 grant from the Bill and Melinda

Gates Foundation for "Strengthening Typhoid Surveillance and Microbiological Lab Capacity in Samoa."



Thomas MacVittie, PhD

❖ **Thomas MacVittie, PhD**, professor of radiation oncology, through a seven-month subcontract with SRI on the National Institute of Allergy and Infectious

Diseases Medical Countermeasures Against Radiological Threats contract, was awarded \$3,771,098 to "Assess the Efficacy of Filgrastim (Neupogen®) or Peg-Filgrastim (Neulasta®) on Mitigating Co-Morbidities and Mortality of Multi-Organ Injury (MOI) Associated with Concurrent GI-ARS, Prolonged GI Injury and Delayed Effects to Lung and Kidney Characteristic of the DEARE in NHP Exposed to 10 Gy Using the PBI/BM 2.5 Protocol."

❖ **Jay Magaziner, PhD, MSHyg**, professor and chair, **Ann Gruber-Baldini, PhD**, professor, and **Denise Orwig, PhD**, associate professor, all from the department of epidemiology & public health, received continued funding for "Research Training in the Epidemiology of Aging." Funding will provide an additional \$1,709,305 in total costs over the next five years.

❖ **Leonid Medved, PhD, DSci**, professor of biochemistry and molecular biology, center for vascular and inflammatory diseases, received a four-year, \$1,562,077 grant from the National Heart, Lung, and Blood Institute to continue his study of the molecular mechanisms underlying fibrin-dependent inflammation.

❖ **Kathy Neuzil MD, MPH, FIDSA**, professor of medicine and pediatrics, director of the center for vaccine development and global health, and **Marcelo Szein, MD**, professor, pediatrics and associate director for translational research, center for vaccine development and global health, were awarded a five-year \$1,700,000 grant from the National Institute of Allergy and Infectious Diseases for the T-32 Fellowship Training Program in Vaccinology.

❖ **Saima Riazuddin, PhD, MPH, MBA**, professor of otorhinolaryngology head & neck surgery, received a five-year \$2,945,055 NIH R01 grant from the National Institute

of Neurological Disorders and Stroke for "Genetics and Functional Studies of Autosomal Recessive Neurological Disorders." **Thomas Blanpied, PhD**, associate professor of physiology, and **Alexandros Pouloupoulos, PhD**, assistant professor of pharmacology are co-investigators on this project.



Saima Riazuddin, PhD, MPH, MBA

❖ **Nicholas Stamatou, MD, PhD**, assistant professor of medicine, institute of human virology, was awarded an R01 from the National Institute of Allergy and Infectious Diseases in the amount of \$2,562,639 over five years to conduct research on the "Influence of Polysialic Acid on Leukocyte Migration." This grant was awarded under the high priority immunology grants program and aims to understand how a specific carbohydrate modification on the surface of cells of the immune system influences the function of these cells during states of inflammation and infection.

❖ **Matthew Trudeau, PhD**, associate professor and **Andrea Meredith, PhD**, associate professor, both from the department of physiology, received a five-year, \$1,044,840 competing renewal T32 training grant from the National Institute of General Medical Sciences. This inter-departmental training grant will continue support for the training program in integrative membrane biology, incepted in 1987 and now in its 31st year of continuous funding. The grant provides support for pre-doctoral training in the biophysics, biochemistry, structure, cell and molecular biology, and physiology of biological membranes, through the graduate program in life sciences.

❖ **Zeljko Vujaskovic, MD, PhD**, professor, and **Isabel Jackson, PhD**, associate professor, both in the department of radiation oncology, received a \$3,299,555 contract award from the Biomedical Advanced Research and Development Authority for "RTOR1007: Evaluation of Coagulation Pathway Targeting Drugs in the Minipig Model of ARS." 🏠



Zeljko Vujaskovic, MD, PhD

\*Grants & Contracts of \$1 million and above



# honor roll 2018

Each year the Medical Alumni Association publishes its honor roll of donors in the fall *Medicine Bulletin*. The list includes names of alumni, faculty, and friends whose gifts were received between July 1, 2017 and June 30, 2018. Preceding the honor roll is a listing of the John Beale Davidge Alliance, a permanent recognition society for donors of \$10,000 and above. The Medical Alumni Association and University of Maryland School of Medicine gratefully acknowledge your support!

## The John Beale Davidge Alliance

*The John Beale Davidge Alliance is a permanent recognition society for major donors of the University of Maryland School of Medicine. Established in 1978, the Alliance is named in memory of Dr. John Beale Davidge, the medical school's founder and first dean who in 1812 raised the necessary capital to fund construction of the school's first medical building. The society includes alumni, faculty, and friends of the medical school.*

### The 1807 Circle

*The 1807 Circle is the highest honors level of the Alliance, recognizing donors for gifts of \$50,000 and above. The 1807 Circle was established in 1993.*

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Mrs. Judith H. Stoll  
Dr. Susan Swift  
Mr. Atwood B. Tate  
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Dr. Gladys E. Wadsworth  
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Mr. Richard F. Welty  
Mr. Jeffrey Wendel  
Mr. Gunther Wertheimer  
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1932  
Abraham N. & Gertrude Kaplan  
1934  
William L. Howard  
1936  
Milton H. Stapen  
1938  
Daniel J. Abramson  
Joseph M. George, Jr.  
Florence Gottdiener  
1939  
Elizabeth B. Cannon-Hall  
1941  
Gene A. Croce  
Jacob B. Mandel

## The John Beale Davidge Alliance

1943D  
W.N. Corpening  
Cliff Ratliff, Jr.  
1943M  
Harry Cohen  
Jose M. Torres-Gomez  
Robert E. Wise  
1945  
Joseph W. Baggett  
William A. Holbrook  
Leonard T. Kurland  
Henry F. Maguire  
John J. Tansey

1946  
John A. Mitchell  
1948  
John R. Hankins  
1949  
Nathan Schnaper

1950  
Stanley W. Henson, Jr.  
1951  
Nancy Blades Geiler  
Henry D. Perry  
1952  
Richard E. Ahlquist, Jr.  
Bella F. Schimmel  
Donald A. Wolfel

1953  
Thomas J. Burkart  
William S. Kiser

1954  
Stuart M. Brown  
Arthur V. Whittaker

1955  
Foster L. Bullard  
Joseph W. Cavallaro  
Henry A. Diederichs  
Henry Booth Higman  
Richard F. Leighton  
Frank R. Natario

1956  
Webb S. Hersperger  
Albert V. Kanner  
H. Coleman Kramer  
Herbert M. Marton  
Irvin P. Pollack  
Virginia T. Sherr

1958  
Meredith S. Hale  
Richard H. Keller  
Charles E. Parker  
1959  
Milton B. Cole  
John W. Coursey  
William J.R. Dunseath  
William F. Falls Jr.  
Marvin M. Kirsh  
Donald R. Lewis  
Ramon F. Roig, Jr.  
Howard J. Rubenstein

1960  
I. William Grossman  
Paul D. Meyer  
Damon F. Mills  
Jerome Ross  
Michael S. Tenner

1961  
George E. Bandy  
Carl F. Berner  
John N. Browell  
Leonard W. Glass  
Ronald L. Gutberlet  
John P. Light  
Roger Mehl  
David Rosen

1962  
Raymond D. Bahr  
Bruce Broughton  
Louis R. Caplan  
Arthur W. Traum

1963  
Merrill M. Knopf  
Mitchell C. Sollod  
Karl Stecher, Jr.  
Edward C. Werner

1964  
Salvatore R. & Edith M. Donohue  
Donald T. Lewers  
Joel S. Mindel  
Richard G. Shugarman

1965  
John C. Dumler, Jr.  
David R. Harris  
John W. Maun  
George Peters  
Larry A. Snyder

1966  
William D. Ertag  
George E. Gallahorn  
Franklin L. Johnson  
Alfred A. Serritella

1967  
Gerard D. & Shirley J. Dobrzycki  
Robert O. France  
Stuart S. Lessans  
Fred R. Nelson

1968  
Sheldon B. Bearman  
R.S. Buddington  
James G. Kane  
Anthony L. Merlis

1969  
Emile A. Bendit  
M. Fredrica Godshalk  
Constance L. Hollbrook

1970  
Arthur O. Anderson  
David H. Berkeley  
Henry A. Briele  
Michael A. Grasso  
Stephen B. Greenberg  
Kenneth M. Hoffman  
Thomas F. Kline  
Walker L. Robinson  
Charles I. Weiner

1971  
R. Henry Richards

1972  
Robert J. Bauer  
Mark J. LeVine  
Jerald P. Waldman  
Howard J. Weinstein  
Robert B. & Barbara Whitney

1973  
Jeffrey C. Blum  
David J. Greifinger  
Louis E. Harman, III

1974  
Charles P. Adamo  
Jeffrey P. Block  
Luis A. Queral  
David L. Zisow

1975  
Anonymous  
Charles E. Andrews  
Robert J. Beach



# honor roll 2018

## The John Beale Davidge Alliance

Noel M. Chiantella  
Karl W. Diehn  
L. Thomas Divilio  
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Kathryn A. Peroutka  
L. Edward Perraut, Jr.  
Jeffrey L. Quartner  
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Gregory B. Richardson  
Robert E. Roby  
Gary B. Ruppert  
Michael B. Stewart

### 1976

Janet F. Brown  
William G. Brown  
D. Stewart Ginsberg  
Lee S. Simon

### 1977

Frederic T. Farra  
Robert T. Fisher  
Alan S. Gertler  
Doris S. Gertler  
Marlene T. Hayman  
Paul A. Offit  
Katherine C. White

### 1978

Andrew P. Fridberg  
Marianne N. Fridberg  
Donald T. & Carolyn F. Weglein

### 1979

Dorothy Snow

### 1980

Judith Falloon  
Lee J. Helman  
Marian F. Kellner  
Timothy P. McLaughlin  
Keith D. Osborn  
Roger J. Robertson  
Victoria W. Smoot  
Roy T. Smoot, Jr.  
Ladd Spiegel & Curtis Leland Cole

### 1981

Mark C. Lakshmanan  
Andrew M. Malinow

### 1983

Ali J. Afrookteh

George M. Boyer  
Harry A. Brandt  
Monica A. Buescher  
Protagoras N. Cutchis  
John M. DiGrazia  
Mary Jo Johnson

### 1984

Roy E. Bands, Jr.  
Brad D. Lerner  
Luette S. Semmes

### 1985

Joanna D. Brandt  
Frederick M. Gessner  
Robert C. Greenwell, Jr.  
Sharon M. Henry  
Donald R. Lewis

### 1986

Ira Louis Fedder  
Dennis Kurgansky  
Donna Lynn Parker  
Nevins W. Todd, III

### 1987

Timothy D. Nichols  
Richard D. & Elizabeth C. Patten  
D.V. Woytowicz

### 1989

Neri M. Cohen  
Carmel Deckelman  
David A. Gnegy  
Richard I. Weinstein

### 1993

Kathryn M. Connor

### 1994

Bahador Momeni

### 1997

Rachel V. Kramer

### 1998

David Chiu

### 1999

Nancy S. Longo

### 2001

Camille Hammond

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Dr. Robert H. Christenson

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Dr. Frederic Huppe-Gourgues  
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Mr. Fred Hittman  
Mrs. Calvert Jones Holloway  
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Mrs. Rosalie C. & Mr. Peter P. Houlihan, Jr.  
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Mrs. Audrey Levine & Mr. Arthur Levine  
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Mr. George N. Manis & Mrs. Anastasia Manis  
Mr. Stanley J. Marcuss  
Mr. George V. McGowan  
Mr. John P. McKenna  
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Ms. Elaine S. Mintzes  
Mr. Fred F. Mirmiran  
Dr. Taghi M. Modarressi  
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Mr. Michael & Mrs. Pamela Noble  
Ms. Dorothea E. Owens  
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Charles Getz

### 1907

Julius E. Gross

### 1910

Walter M. Winters

### 1916

Frank C. Marino

### 1917

Charles R. Thomas

### 1925

Eva F. Dodge  
Joseph Nataro  
W.A. Sinton

### 1927

Abraham H. Finkelstein  
Charles E. Gill

### 1928

Aaron I. Grollman  
Aaron H. Meister  
Morris H. Saffron

### 1929

Abraham Jacobs  
William Yudkoff

### 1931

William M. Seabold

### 1932

Francis N. Taylor

### 1935

Jeannette R. Heghinian  
Irving Klompus  
Howard B. Mays  
Harry M. Robinson, Jr.

## The John Beale Davidge Alliance

### 1936

Leo M. Curtis  
Jaye Grollman  
Howard T. Knobloch  
Richard H. Pembroke, Jr.  
Samuel Steinberg

### 1937

Jack A. Kapland

### 1938

Aaron Feder  
Bernard J. Sabatino  
Bernard O. Thomas, Jr.  
H. Leonard Warres

### 1939

Bernard S. Kleiman

### 1940

Benjamin H. Inloes, Jr.  
William S. M. Ling  
A. Frank Thompson, Jr.  
William I. Wolff

### 1941

Julius Gelber  
Jacob B. Mandel  
Benjamin Pasamanick

### 1942

James N. McCosh  
Louis H. Shuman

### 1943D

Ruth W. Baldwin  
Eli Galitz  
Jack C. Morgan

### 1944

Patricia Dodd  
W. Carl Ebeling, III & Claire Krantz

### 1945

Eugene H. Conner  
William H. Frank

### 1946

Walter J. Benavent  
Sidney & Bernice R. Clyman  
Thomas B. Connor  
Joseph D'Antonio  
Guy K. Driggs  
Samuel D. Gaby  
Erwin R. Jennings  
Herbert J. & Virginia Levickas  
James A. Roberts

### 1947

George W. Fisher  
Arle R. Mansberger, Jr.

### 1948

Leonard H. Golombek  
Raymond H. Kaufman  
Robert L. Rudolph  
Kyle Y. Swisher  
John D. Wilson

### 1949

Robert A. Abraham  
Margaret Lee Sherrard  
Meredith P. Smith  
Edward W. Stevenson  
John F. Strahan

### 1950

Joseph B. Bronushas  
Leonard G. Hamberry  
Virginia Huffer  
Milton R. Righetti  
O. Ralph Roth  
Henry H. Startzman, Jr.

### 1951

Frederick J. Hatem  
Charles W. McGrady  
John T. Scully

### 1952

Timothy D. Baker  
William L. Heimer  
Jonas R. Rappeport  
David R. Taxdal  
Howard N. Weeks

### 1953

Richard M. Baldwin  
Werner E. Kaese  
John W. Metcalf  
Joel S. Webster

### 1954

Samuel J. Abrams  
Robert B. Goldstein  
John F. Hartman  
Morris Rainess  
Marshall A. Simpson  
J. Walter Smyth  
Rufus Thames

### 1955

Neal C. Capel  
Donald H. Dembo  
Walter E. & Jane R. James  
John P. McGowan  
George L. Morningstar  
Leonard J. Morse

### 1956

John E. Adams  
Mathew H. M. Lee

John B. Littleton  
Charles A. Sanislow  
W. A. Sinton, Jr.

### 1957

Marvin S. Arons  
Virginia Y. Blackledge  
Charles M. Henderson  
Peter P. Lynch  
Nevins W. Todd, Jr.

### 1958

Stuart H. Brager  
Albert F. Heck  
G.T. McInerney  
Granger G. Sutton  
William T. Ward

### 1959

Robert J. Dawson  
August D. King, Jr.  
William Kraut  
Arthur L. Poffenbarger  
Stanley N. Snyder  
Robert J. Thomas

### 1960

Aristides C. Alevizatos  
Straty H. Economon  
Charles Earl Hill  
Lawrence F. Honick  
Allen R. Myers  
Elijah Saunders  
Emanuel H. Silverstein  
Lois A. Young

### 1961

James R. Appleton  
James J. Cerda  
John N. Diaconis  
Carlos E. Girod  
Ronald L. & Shirley D. Gutberlet  
Gerald C. Kempthorne  
Paul A. Reeder, Jr.

### 1962

Herbert Gaither  
Bernard S. Karpers  
Paul A. Kohlhepp  
Theodore C. Patterson

### 1963

Richard L. Goldman  
Alice B. Heisler  
Chris P. Tountas

### 1964

Sigmund A. Amitin  
Richard M. Protzel  
Harold S. Standiford

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## The John Beale Davidge Alliance

### 1965

Larry C. Chong  
F. R. Lewis, Jr.  
Fred N. Sugar  
Phillip P. Toskes

### 1966

James E. Arnold  
Jay Martin Barrash  
Philip P. Brous  
Stuart L. Fine  
Richard L. Flax  
Dwight N. Fortier  
Dean H. Griffin  
Larry T. & Catherine Ingle  
Stephen Machiz  
Jane C. McCaffrey  
Irvin M. Sopher  
Stuart H. Yuspa

### 1967

Henry Feuer  
David M. Hadden  
Gary M. Lattin  
Boyd D. Myers  
Joseph C. Orlando

### 1968

Elliot S. Cohen  
Ronald S. Glick  
William N. Goldstein  
Frank A. Kulik  
Charles J. Lancelotta  
Charles S. Samorodin  
Burton S. Schonfeld  
Howard Semins  
Jon M. Valigorsky  
Eugene Willis, Jr.

### 1969

Mark M. Applefeld  
George R. Brown  
Paul J. Connors  
Howard A. Davidov  
Graham Gilmer, III  
Roy R. Goodman  
Robert A. Hesel  
Arnold Herskovic  
Edwin E. Mohler  
O. Lee Mullis  
Alan J. Segal

### 1970

Francis A. Bartek  
John P. Caulfield  
Leo A. Courtney, III

Louis S. Halikman  
Dennis J. Hurwitz  
Joseph P. Michalski  
James S. Murphy  
John H. Poehlman  
Edward J. Prostic  
Norman W. Taylor

### 1971

Sachiko T. Cochran  
Charles F. Hobelmann, Jr.

### 1972

Walter H. Dorman  
Matthew J. Gibney, III  
Sheila A. Gibney  
Robert B. Grossman  
Nelson H. Hendler  
Michael R. Petriella  
Peter D. Vash  
Dean L. Vassar  
Brian J. Winter  
Celeste L. Woodward

### 1973

W. Edwin Conner  
Edwin A. Deitch  
Raymond D. Drapkin  
G. Reed Failing, Jr.  
Joseph D. Jenci  
Denis Wm. MacDonald  
Mark P. Miller  
Bernard G. Milton  
Ira M. Stone  
T. S. Templeton, II  
Harold Tucker  
Roberta S. Tucker  
Richard M. Weisman

### 1974

Charles P. Adamo  
Michael H. Hotchkiss  
James Jay McMillen  
Sheldon D. Milner  
Denis A. Niner  
Michael E. Reichel  
W.R. Weisburger

### 1975

Bruce E. Beacham  
Gary F. Hame  
Donald S. Horner  
Dorothy S. Hsiao  
M.C. Kowalewski  
Charles E. Manner  
Scott M. McCloskey  
Parry A. Moore  
Frank H. Morris  
Nicolette Orlando-Morris

Harvey B. Pats  
Michael E. Weinblatt

### 1976

Michael E. Cox  
Christopher Feifarek  
Ellen B. Feifarek  
Jose R. Fuentes  
Bradford A. Kleinman  
James E. Mark

### 1977

Anonymous  
Elwood A. Cobey  
Linda George  
Steven H. Resnick  
Robert L. Smith  
Douglas N. Stein  
Richard J. Zangara  
Stuart A. Zipper

### 1978

Philip A. Ades  
Ira J. Kalis Cohen  
Louis J. Domenici

### 1979

Karen C. Carroll  
Judith B. Dillman  
Peter E. Godfrey  
Bruce C. Marshall  
Wayne A. McWilliams  
Linda D. Oaks  
Peter E. Rork  
Perri Laverson Wittgrove  
H. Russell Wright, Jr.

### 1980

Terence D. Campbell  
Robert P. Cervenka  
Dale K. Dedrick  
Craig A. Dickman  
Judith Falloon  
Milford M. Foxwell, Jr.  
Richard M. Galitz  
Peter J. & Mrs. Valerie Golueke  
Charita C. Hoyle  
Dale K. Kedrick  
Michael R. Kessler  
Jeffrey A. Kleiman  
Susan L. Laessig  
Michael R. Lunde  
William J. Oktavec  
Russell K. Portenoy  
Michael F. Pratt

### 1981

Alice Magner Condro  
Daniel Ferrick

Neal M. Friedlander  
Lawrence A. Galitz  
Karen R. Kingry  
Carol Marshall  
Howard L. Siegel  
Brian & Dianne Wamsley  
Samuel A. Yousem

### 1982

Wayne L. Barber  
Thomas W. Conway  
Patrick F. Gartland  
Ronald D. Jacobs  
Darryl B. Kurland  
Ralph T. Salvagno  
Mark L. Stillwell

### 1983

E. Allan Atwell  
George B. Cavanagh  
Stephen W. Dejter  
Neil B. Friedman  
George Thomas Grace  
Scott D. Hagaman  
Thomas R. Hornick  
Harry Huo-tsin Huang  
Garry L. Mueller  
Christopher M. O'Connor  
Sonia M. Saracco  
Frederick W. Schaerf

### 1984

Mary T. Behrens  
Theodore Y. Kim  
Dale R. Meyer  
Carole B. Miller  
R. Matthew Reveille  
Paul R. Ringelman  
Martin L. Schwartz  
Katherine D. Tobin  
Helen Walker

### 1985

Charles S. Hames  
Jeffrey Jones  
David A. O'Keeffe  
Laura A. Tang

### 1986

Samuel R. Akman  
N. Eric Carnell  
Lucy Chang  
Eric J.W. Choe  
Scott W. Fosko  
Sangwoon Han  
Lee A. Kleiman  
Jeffrey Robert McLaughlin  
Steven C. Resnick

### 1987

Charles P. Fitch  
Richard W. Freeman  
Kathleen Devine Hearne  
Kevin E. Hohl  
James P. Nataro  
Susan S. Nesbitt  
Paul A. Tarantino  
Thomas S. Wilson

### 1988

Carol C. Coulson  
Jay C. Koons  
Stanley J. Shin

### 1989

David A. Burns  
Wing C. Chau  
Randolph B. Gorman  
Stephen F. Hatem  
Steven E. Hearne  
Babak J. Jamasbi  
Joy L. Meyer  
Merdad V. Parsey  
Gregg Wolff

### 1990

Jennifer P. Corder  
Carl E. Gessner  
Kelly O'Donnell  
James E. Thompson

### 1991

Jeffrey S. Masin  
Lee Anne Matthews

### 1992

Annette Fineberg  
Geoffrey Rosenthal  
John M. Vaeth

### 1993

Paulette E. Browne  
Craig Colliver  
Virginia Colliver  
Michael A. Cushner  
Amal Mattu  
David B. Sigman

### 1994

Deborah S. Hopkins

### 1996

Michele M. Cooper  
Robert F. Corder  
Teresa M. Cox  
F. Thomas D. Kaplan  
Lisa Martinez  
James Y. Wang

## The John Beale Davidge Alliance

### 1997

Ruwanthi Samaranyake  
Campano  
Kester I.H. Cross, Jr.  
Andrew Ward Morton

### 1998

Aaron M. Bates  
Percy Boateng  
Zafar S. Khan  
Joseph Martinez  
Otha Myles  
Megan O'Brien  
Peter A. Reyes  
Kenneth S. Schwartz

### 1999

Charlotte M. Jones-Burton  
Andrew C. Kramer  
Mallory Williams

### 2001

Adebisi Ajala  
Suneel N. Nagda

### 2002

Kisa Crosse  
David J. Wang

### 2003

Judy K. Wang



### Physical Therapy Graduates

Vincent Conroy '05  
Florence P. Kendall '99  
Ruth Latimer '75  
Richard A. Lopez, '78  
Howard E. Neels, '63  
Steven H. Tepper, '90

Arlene Ross '93 &  
Dr. Warren Ross  
Jon C. Waxham, '96  
Thomas W. Yates, '96

### Faculty & Staff (and former)

Anonymous  
Dr. Ashkay N. Amin  
Ms. Jane E. Anderson  
Dr. C. William Balke  
Dr. Claudia Baquet  
Dr. Nathan Carliner  
Dr. Thomas C. Chalmers  
Dr. Robert H. Christenson  
Dr. Richard P. Dutton  
Dr. Brian D. Eurler  
Dr. Kevin S. Ferentz  
Drs. Paul S. Fishman &  
Elizabeth Barry  
Dr. Carol L. Greene  
Dr. Bartley P. Griffith  
Mr. Gregory F. & Mrs. Ina Handlir  
Dr. Eve J. Higginbotham &  
Dr. Frank C. Williams  
Dr. Harry W. Johnson  
Dr. Kenneth P. Johnson  
Dr. Gerald S. Johnston  
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Dr. Allan Krumholz  
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Dr. Rafael M. Rodriguez  
Dr. Douglas D. Ross  
Dr. Bahram Sina  
Dr. Sue Song  
Dr. Philip A. Templeton  
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Dr. Benjamin F. Trump  
Dr. & Mrs. Umberto VillaSanta  
Dr. Debra S. Wertheimer  
Dr. Nancy O. Whitley  
Dr. John F. Wilber

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Drs. Jocelyn Apollon &  
Gerald Apollon  
Phyllis L. & Leonard J. Attman  
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Mrs. Frederick J. Balsam  
Mr. Burton & Mrs. Ameile Bank  
Ms. Penny Bank  
Estate of Merlin John  
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Ms. Gretta Estey  
Mr. & Mrs. Donald Evans  
Mr. & Mrs. Burton J. Field  
Mr. James C. Egan, Jr.  
Mr. Eugene Eidenberg  
Ms. Gretta Estey  
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Mr. Bennett Friedman  
Mrs. Doris N. Frieman  
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Mr. Woodland Hurtt  
Ms. Elise M. Janthey  
H. McKee Jarboe Fund  
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### 1947

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Stanley Cohen  
Robert C. Duvall, Jr.  
Jose G. Valderas

### 1948

A. Andrew Alecce  
Elisabeth McCauley Brumback  
John R. Shell

### 1949

Leonard Bachman  
Harry W. Gray  
Robert R. Rosen  
Meredith P. Smith  
John A. Spittell, Jr.  
Carolyn D. Watson

### 1950

William A. Andersen  
Harry H. Bleecker, Jr.  
L. Guy Chelton  
Jerome J. Collier  
Miriam S. Daly  
Leonard L. Deitz  
Virginia M. Reynaud  
Henry H. Startzman, Jr.  
Elizabeth Stockly  
William H. Yeager, Jr.

### 1951

Francis S. Gardner, Jr.  
Nancy Blades Geiler  
Benjamin D. Gordon  
Homer L. Twigg, Jr.

### 1952

Charles B. Adams, Jr.  
C. Edward Graybeal  
William R. Greco  
William L. Heimer  
Frank M. Kline  
Irving Kramer  
Morton M. Krieger  
William A. Mathews  
Jonas R. Rapoport  
Bella F. Schimmel

Alvin A. Stambler  
Howard N. Weeks  
Donald A. Wolfel

### 1953

Scott B. Berkeley, Jr.  
Charles F. Carroll  
John W. Heisse, Jr.  
Werner E. Kaese  
Robert C. Kingsbury  
Benjamin B. Lee  
Rafael Longo-Cordero  
John W. Metcalf, Jr.  
James E. Might  
George H. Miller  
George C. Peck  
Joel S. Webster

### 1954

Arthur Baitch  
Herbert L. Blumenfeld  
Morton J. Elli  
Charles T. Fitch  
Charles J. Hammer  
James W. Hayes  
Robert C. Holcombe  
Thomas E. Hunt, Jr.  
Edward S. Klohr, Jr.  
Herbert J. Levin  
Moses L. Nafzinger  
Jean C. O'Connor  
David H. Patten  
Jean C. Smith  
Ira N. Tublin  
Arthur V. Whittaker  
William O. Wild  
Robert E. Yim

### 1955

Roger W. Cole  
Theodore A. Dann  
Donald H. Dembo  
Vernon M. Gelhaus  
Julian R. Goldberg  
Walter E. James  
William P. Keefe  
C. Ronald Koons  
Morton D. Kramer  
William F. Krone, Jr.  
Richard F. Leighton  
Leonard J. Morse  
Joan Raskin

### 1956

Stephen Barchet  
Richard Belgrad  
James A. Burwell  
Theodore R. Carski  
James Castellano, Jr.

Thomas H. Collawn  
Giraud V. Foster  
Edward D. Frohlich  
Robert N. Headley  
Webb S. Hersperger  
Albert V. Kanner  
Charles H. King  
Scheldon Kress  
Joseph G. Lanzi  
Herbert M. Marton  
Joseph S. McLaughlin  
Clark L. Osteen  
Marvin S. Platt  
Richard L. Plumb  
G. Edward Reahl, Jr.  
Harold I. Rodman  
Charles A. Sanislow  
Virginia T. Sherr  
Edwin W. Whiteford, Jr.  
John Z. Williams

### 1957

Marvin S. Arons  
James K. Bouzoukis  
Mary C. Burchell  
Robert A. Carlin  
Sebastian J. Gallo  
Allen S. Gerber  
Paul K. Hanashiro  
Joseph C. Laughlin  
George A. Lentz, Jr.  
William J. Rappoport  
Richard C. Reba  
George W. Rever  
Leroy Shear  
Landon Clarke Stout, Jr.  
Nevins W. Todd, Jr.  
Michael S. Trupp  
Ray A. Wilson

### 1958

John T. Alexander, Sr.  
Gaylord L. Clark, Jr.  
Robert E. Cranley, Jr.  
Gilbert B. Cushner  
Ronald L. Diener  
Stanley N. Farb  
Frank P. Greene  
Albert F. Heck  
William J. Hicken  
Robert Harvey Johnson  
Richard H. Keller  
Frank K. Kriz, Jr.  
Howard S. Levin  
Antonio Perez-Santiago  
Lewis H. Richmond  
Charles Silberstein  
Jerome Tilles  
William T. Ward

### 1959

Gerson Asrael  
William N. Cohen  
Robert J. Dawson  
William F. Falls, Jr.  
August D. King, Jr.  
Marvin M. Kirsh  
Martin S. Kleinman  
William Kraut  
Donald R. Lewis  
Jose O. Morales  
Morton M. Mower  
J. Rollin Otto, Jr.  
Ramon F. Roig, Jr.  
Beverly J. Stump  
Hans Richard Wilhelmssen, Sr.

### 1960

Aristides C. Alevizatos  
Lawrence F. Awalt, Jr.  
Leonard P. Berger  
Donald W. Datlow  
Michael J. Fellner  
Julio E. Figueroa  
Alvin Glass  
C. Earl Hill  
Ronald E. Keyser  
William E. Latimer  
Richard C. Lavy  
John C. Morton  
Allen R. Myers  
Jerrod Normanly  
Selvin Passen  
Neil Robinson  
Clinton Rogers  
Jerome Ross  
Robert P. Sarni  
Emanuel Silverstein  
George I. Smith, Jr.  
Morton E. Smith  
W. E. Standiford  
Martha E. Stauffer  
Nathan Stofberg  
Harold Tritch, Jr.  
Theodore Zanker

### 1961

James R. Appleton  
George E. Bandy  
Oscar H. Bing  
Barry Blum  
Anthony R. Boccuti  
Thomas G. Breslin  
Milton H. Buschman  
Carlos E. Girod  
Leonard W. Glass  
Jay S. Goodman  
Gerald A. Hofkin  
Richard G. Holz

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SCHOOL OF MEDICINE

12th Annual  
**CELEBRATING Diversity**  
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Roger L. Mehl  
Robert J. Myerburg  
Michael B. Oldstone  
David Rosen  
Richard M. Sarles  
Larry G. Tilley  
George E. Urban, Jr.

### 1962

Raymond D. Bahr  
Merrill I. Berman  
Mark Edmund Bradley  
Louis C. Breschi  
Bruce D. Broughton  
Jon B. Closs  
Frederick S. Felser  
William T. Johnstone  
Stanley A. Klatsky  
Paul A. Kohlhepp  
Alan B. Lachman  
Johnson Ling  
Robert A. McCormick  
David G. Musgjerd  
Theodore C. Patterson  
Donald D. Pet  
Phyllis K. Pullen  
W. Haddox Sotheron  
Richard R. Stephenson  
Arthur W. Traum  
William B. Weglicki, Jr.  
William H. Wood, Jr.

### 1963

Lee David Brauer  
Russell C. Bufalino  
Robert M. Byers  
Harold J. Campbell, Jr.  
Peter C. Fuchs  
Leland M. Garrison  
B. Robert Giangrandi  
Richard L. Goldman  
Joel S. Gordon  
Michael G. Hayes  
David R. Hess, Jr.  
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Arnold J. Jules  
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Eric Everett Lindstrom  
Barbara A. McLean  
Stanley L. Minken  
Mayer Schwartz  
Mitchell C. Solland  
Alice M. Stolzberg  
Frank J. Travisano  
Joseph R. Wilson  
Aron Wolf

### 1964

Sigmund A. Amitin  
Lynn B. Baker  
Miriam L. Cohen  
Donald A. Deinlein  
Frank M. Detorie  
Lee E. Gresser  
Rosalind P. Kaplan  
Ellen Ann Kingsbury  
Mark E. Krugman  
Donald Ted Lewers  
D. V. Lindenstruth  
Ruth E. Luddy  
Edgar V. McGinley  
M. S. Michaelis  
Joel S. Minde  
David M. Nichols, Jr.  
Thomas J. Porter  
Jose D. Quinones  
Jerome P. Reichmister  
Barry N. Rosenbaum  
Eric D. Schmitter  
Allen D. Schwartz  
Sidney B. Seidman  
Perry S. Shelton  
Richard G. Shugarman  
Lawrence F. Solomon  
Gershon J. Spector  
Harold C. Standiford  
Robert E. Stoner  
Jonathan D. Tuerk

### 1965

Verner Albertsen  
Brian J. Baldwin  
D. Gary Benfield  
Jeffrey L. Brown  
William H. Choate  
Larry C. Chong  
John C. Dumler, Jr.  
Allen A. Frey  
Ronald Goldner  
Stanley Goldsmith  
Mike Gould  
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Alfred B. Rosenstein  
Sig L. Sattenspiel  
George C. Sjolund Jr.  
Larry A. Snyder  
John M. Steffy  
Louis E. Steinberg  
Fred N. Sugar

Elliot S. Tokar  
Philip J. Whelan

### 1966

Jay M. Barrash  
Arnold S. Blaustein  
Philip P. Brous  
Michael P. Buchness  
Charles H. Classen, Jr.  
Henry S. Crist  
William D. Ertag  
Stuart L. Fine  
Richard L. Flax  
Dwight N. Fortier  
J. M. France, Jr.  
George E. Gallahorn  
Richard S. Glass



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Stephen F. Gordon  
John G. Green  
Dean H. Griffin  
Diane Acker Haber  
Michael J. Haney  
William O. Harrison  
Thomas M. Hill  
Elizabeth C. Hosick  
Ronald H. Koenig  
Joel A. Krackow  
Stephen Machiz  
Joseph B. Marcus  
William T. Mason  
Jane C. McCaffrey  
Allan J. Monfried  
Carolyn J. Pass  
Gary D. Plotnick  
Samuel E. Press  
C. Downey Price  
James A. Quinlan  
Dudley A. Raine, Jr.  
Ernesto Rivera  
Richard D. Shuger  
David J. Steinbauer  
Jeffrey S. Stier  
Richard M. Susel  
Robert R. Young  
Stuart H. Yuspa

### 1967

Elizabeth A. Abel  
William F. Bloom  
William L. Boddie  
Donald S. Bright  
Colvin H. Carter  
Francis D. Drake  
Harris J. Feldman  
Henry Feuer  
Eric M. Fine  
Robert O. France  
John W. Gareis  
Joseph S. Gimbel  
James L. Hamby  
Robert W. Hertzog  
Arthur L. Hughes  
Michael A. Kaliner

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Eugene F. Kester  
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George A. Lapes  
Gary M. Lattin  
Michael M. Lee  
Stuart H. Lessans  
Richard H. Mack  
Alan H. Mitnick  
Fred R. Nelson  
Edward B. Ostroff  
Arnold Z. Paritzky  
C. Jean Posner-Gordon  
Allan S. Pristoop  
John F. Rogers  
John R. Rowell, Jr.  
John R. Stephens  
Michael D. Sussman  
Lawrence M. Tierney, Jr.  
Larry J. Warner  
Allan M. Wexler  
Alan F. Wolf

### 1968

Richard A. Baum  
Sheldon B. Bearman  
Michael W. Benenson  
Barry A. Blum

Morton B. Blumberg  
Robert Brull  
Richard S. Buddington  
Joseph F. Callaghan  
Ellis S. Caplan  
Todd D. Clopper  
Elliot S. Cohen  
Albert L. Daw  
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Kenneth E. Fligsten  
Frank A. Franklin, Jr.  
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Sidney R. Gehlert, III  
John D. Gelin  
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Kirk A. Keegan, Jr.  
George Knefely, Jr.  
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Charles J. Lancelotta, Jr.  
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Gordon L. Levin  
William B. Long, III  
Stanford H. Malinow  
Karl F. Mech, Jr.  
Herbert E. Mendelsohn  
Anthony L. Merlis  
Joel Wm. Renbaum  
David J. Riley  
Rorick T. Rimash  
Norbert H. Roihl  
Stephen D. Rosenbaum  
Charles S. Samorodin  
Barry J. Schlossberg  
Howard Semins  
Stuart H. Spielman  
W. Bryan Stauer  
Alice Susan Tannenbaum  
Jon M. Valigorsky  
Pedro J. Vergne-Marini  
Edward E. Volcjak  
Stanley R. Weimer  
Robert Widmeyer  
Stuart Winakur  
Edward J. Young

### 1969

Mark M. Applefeld  
Edward E. Aston  
James O. Ballard, III  
Emile A. Bendit  
Barry B. Bercu  
Sanders H. Berk  
John C. Blasko  
Robert M. Braun  
George Brown  
Stanley Brull  
Donald W. Bryan  
Edward Allen Carter  
Vaughn D. Cohan  
Paul J. Connors  
Jay Copeland  
Leonard D. Cutler

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Richard E. Fisher  
Donna L. Gibbs  
Graham Gilmer, III  
M. Fredrica Godshalk  
Samuel D. Goldberg  
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Felix L. Kaufman  
Daniel J. Ladd  
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John R. McCormick  
Edwin E. Mohler  
Wayne H. Parris  
Frederick N. Pearson  
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Harry Rabinovich  
Leon Reinstein  
David R. Richmond  
Polly B. Roberts  
Allan I. Rubin  
Brian S. Saunders  
Ronald L. Schneider  
W. Winslow Schrank  
John W. Shaffer  
David M. Shobin  
Kathryn F. Skitarelic  
William I. Smulyan  
David H. Snyder  
David A. Solomon  
Kristin Stueber  
Kenneth C. Ullman  
Haven N. Wall  
David A. Wike

### 1970

Willie A. Andersen  
Arthur O. Anderson  
Alva S. Baker, III  
David H. Berkeley  
David H. Berman  
Martin Braun, III  
John P. Caulfield  
Leo A. Courtney, III  
Joseph H. Cunningham, Jr.  
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Lin H. Ho  
Kenneth M. Hoffman  
Whitney Houghton  
Michael Kilham  
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James A. Kopper

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Joseph P. Michalski  
Thomas P. Miles  
Lawrence Mills, Jr.  
James S. Murphy  
P. David Myerowitz  
David A. Perry  
Leslie P. Plotnick  
Richard B. Pollard, Jr.  
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Walker L. Robinson  
Robert F. Sarlin  
Louis A. Shpritz  
Gregory T. Sobczak  
Ronald J. Stanfield  
William A. Warren  
Arthur M. Warwick  
Stanley M. Zaborowski  
Bernard E. Zeligman

### 1971

Peter W. Beall  
Elliott S. Bondi  
Richard A. Bordow  
George H. Brouillet, Jr.  
Ronald P. Byank  
Michael R. Camp  
Sachiko T. Cochran  
Daniel L. Cohen  
Steven A. Feig  
Fredric B. Flax  
Abraham A. Genut  
Burton J. Glass  
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Robert B. Greifinger  
Gary A. Grosart  
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Jerry Herbst  
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Gwynne L. Horwits  
T. Noble Jarrell, III  
Jerald Kay  
Rena L. Kay  
Richard C. Keown  
John B. Kramer  
William R. Linthicum  
Jack S. Lissauer  
Michael L. Mattern  
Robert M. Mentzer, Jr.  
Susan S. Perlstein  
R. Henry Richards  
Donald M. Rocklin  
Paul T. Rogers  
Henry Sacks  
JoAnn C. Santos  
Gerald N. Schaffer  
Michael J. Schultz  
Robert E. Sharrock  
Marshall K. Steele, III  
Benedict A. Termini

Kerry J. Thompson  
Robert H. Weinfeld  
C. T. Woolsey, Jr.

### 1972

Jack J. Applefeld  
Robert W. Ashmore  
Robert J. Bauer  
James H. Biddison  
John Wolfe Blotzer  
Deborah J. Brandchaft-Mattro  
Cary D. Brown  
Elizabeth R. Brown  
Neil F. Cannon  
Howard N. Caplan  
Irvin M. Cohen  
Judith M. Dischel  
Walter H. Dorman  
Joyce I. Ellis  
Karen S. Fountain  
Darryl J. Garfinkel  
Matthew J. Gibney, III  
Sheila A. Gibney  
Michael E. Golembieski  
Sumner H. Goodman  
John C. Harris  
Joseph K. Jamaris  
Neil B. Kappelman  
Jeffrey J. Kline  
Mark J. LeVine  
Stephen D. Lindenbaum  
Robert H. Malstrom  
William T. Merritt  
George A. Metzger  
Stanley A. Morrison  
John A. Nizio  
Michael R. Petriella  
William E. Randall, Jr.  
Marlene E. Rogers  
Martin S. Rosenthal  
Charles J. Schleupner  
Joseph S. Shapiro  
H. Hershey Sollod  
Thomas J. Toner  
Peter D. Vash  
Dean L. Vassar  
Marjorie A. Voith  
Jerald P. Waldman  
Eliot M. Wallack  
Howard J. Weinstein  
Robert B. Whitney  
Thomas V. Whitten  
Richard H. Whigert  
Brian J. Winter  
Barry M. Wolk  
Celeste L. Woodward  
Edgardo L. Yordan, Jr.

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Jeffrey C. Blum  
Thomas Robert Calame  
Charles R. Clark  
W. Edwin Conner  
Jo Augur Deevey  
Gregory A. Denari  
Michael J. Dodd



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Steven J. Gross  
Louis E. Harman, III  
David E. Herman  
Mark Jacobs  
Allan S. Jaffe  
Michael Francis Jaworski  
Joseph D. Jenci  
Erich Kim  
Walter B. Koppel  
Margo M. Leahy  
Stephen K. Leman  
Gary M. Levinson  
Jeffrey S. Lobel  
Denis W. MacDonald  
Martin Y. Magram  
Thomas Mansfield  
Harriet L. Meier  
Christopher S. Michel  
Clarence Dennis Miller  
Mark P. Miller  
Donald J. Russ  
Howard I. Saiontz  
Ronald A. Seff  
Gregory Bernard Shankman  
Ronald F. Sher  
Robert B. Stifler  
Ira M. Stone  
Charles B. Watson  
Richard M. Weisman  
Alan L. Whitney  
Michael P. Zimring

## 1974

Charles P. Adamo  
Samuel I. Benesh  
Lynn M. Billingsley  
Richard W. Bittrick  
Jeffrey P. Block  
Richard A. Block  
Alan L. Carroll  
James G. Chaconas  
Randolph P. Christianson  
Thomas C. Doerner  
Stephen B. Fleishman  
Alan E. Gober  
Edward S. Gratz  
Robert M. Guthrie  
James F. Hatch  
Jean W. Helz  
Charles M. Jaffe  
Ronald Kaplan  
Laslo E. Kolta  
Howard G. Lanham

Merral B. Lewis  
Stephen R. Matz  
Terrance P. McHugh  
James J. McMillen  
Stephen E. Metzner  
Joel B. Miller  
Sheldon D. Milner  
Philip P. O'Donnell  
Susan R. Panny  
Jeffrey M. Pargament  
Edward L. Perl  
Jay A. Phillips  
Clayton L. Raab  
James M. Raver  
Sue Raver  
Bruce L. Regan  
Michael E. Reichel  
June K. Robinson  
Susan K. Ross  
Edward N. Sherman  
Mitchell T. Smolkin  
Elise W. Van der Jagt  
Steven A. Vogel  
Emerson C. Walden, Jr.  
M. H. Wojtanowski  
Stephen N. Xenakis  
Robert S. Yasner  
Allen C. Zechow  
David L. Zisow

## 1975

Charles E. Andrews, Jr.  
James L. Atkins  
Robert J. Beach  
Bruce E. Beacham  
Jonathan D. Book  
Timothy J. Byrnes  
James J. Campbell  
John H. Carrill  
Noel M. Chiantella  
Seth B. Cutler  
Karl W. Diehn  
L. Thomas Divilio  
Albert H. Dudley, III  
Louis Fox  
Judith Gadol  
Leslie J. Gray  
Darvin L. Hege  
Charles F. Hoesch  
Dorothy Shih Yi Hsiao  
Kenneth V. Iserson  
Marion C. Kowalewski  
Thomas F. Krajewski  
Kenneth D. Krause  
Thom E. Lobe  
Frank E. Long  
Edmund J. Maclaughlin  
W. Peter Marwede  
Jeffrey L. Metzner  
Edward M. Miller  
Thomas L. Moffatt  
Parry A. Moore  
Edward L. Morris  
Frank H. Morris  
Nicolette Orlando-Morris  
Harvey B. Pats

## The Honor Roll

Kathryn A. Peroutka  
L. Edward Perraut, Jr.  
Jeffrey L. Quartner  
Sandra D. Quartner  
John W. Rose  
Andrew B. Rudo  
James H. Somerville  
Michael B. Stewart  
George A. Taler  
Richard L. Taylor  
Lloyd M. Van Lunen, Jr.  
Robert A. Vegors  
Gary J. Waxman  
Michael E. Weinblatt  
Julius David Zant  
William H. Zeidler, Jr.

## 1976

Timothy E. Bainum  
Steven M. Berlin  
Damian E. Birchess  
John W. Bowie  
William G. Brown  
Michael E. Cox  
Vincent W. DeLaGarza  
Suzanne Ray Dixon  
Edward F. Driscoll  
Christopher J. Feifarek  
Ellen B. Feifarek  
Allan D. Friedman  
D. Stewart Ginsberg  
Allan S. Gold  
Ira E. Hantman  
Gary M. Jacobs  
Michael L. Jefferies  
Patricia D. Kellogg  
Jacqueline Kelly  
William D. King  
Bradford A. Kleinman  
Harry Clarke Knipp  
Charles Leonard Knupp  
Albin O. Kuhn, II  
Barry K. Levin  
Barry E. Levy  
Bruce Evan Lockman  
James E. Mark  
Arnold B. Merin  
Stanley G. Middleton  
James S. Novick  
Gary P. Posner  
Robert N. Pyle  
Mitchell H. Rubenstein  
Melvin Sharoky  
Dr. Martin J. Sheridan  
Moshe J. Shmuklarsky  
Bruce A. Silver  
Lee Stuart Simon  
Jerry N. Stein  
William B. Tauber  
Joseph R. Tiralla  
Sherry Lynn Werner  
Susan M. Willard  
Pamela A. Wilson  
Benjamin K. Yorkoff  
Arno L. Zaritsky

Joseph W. Zebley, III  
Robert G. Zeller

## 1977

Katherine Ackerman  
Michael F. Adinolfi  
Stuart B. Bell  
Ronald S. Benenson  
Michael P. Bey  
Marc S. Bresler  
Elwood A. Cobey  
William J. Dichtel, Jr.  
Willarda V. Edwards  
Rona B. Eisen  
Frederic T. Farra  
James Feld  
Richard J. Feldman  
Robert T. Fisher, Jr.  
Donna Lucas Frankel  
Samuel D. Friedel  
Linda L. George  
Alan S. Gertler  
Doris L. Gertler  
Anne C. Goldberg  
Beverly S. Goldberg  
Neil D. Goldberg  
Donald J. Gordon  
Charles E. Green  
Norman Harris  
Marlene T. Hayman  
Dahlia R. Hirsch  
Christopher F. James  
Curtis A. Johnston  
Ronald L. Kahn  
Horace W. King, Jr.  
Sheldon H. Lerman  
E. Jonathan Lisansky  
Judith A. Maslar  
Paul A. McClelland  
Ellis Mez  
John P. Miller, III  
Edward B. Mishner  
Coleman A. Mosley, Jr.  
Paul A. Offit  
Lee R. Pennington  
Gerald P. Perman  
Steven H. Resnick  
Richard B. Silver  
Bruce H. Sindler  
Robert L. Smith  
Clyde A. Strang  
David Strobel  
Raymond C. Talucci, II  
Michelle Uhl  
Jonathan R. Walburn  
Bennett E. Werner  
Katherine C. White  
Barry A. Wohl  
Richard J. Zangara  
Stephen M. Zemel  
Stuart A. Zipper

## 1978

Philip A. Ades  
Robert E. Applebaum  
Sr. Susanne S. Ashton

Adam Billet  
Steven Billet  
Edward N. Bodurian  
Howard Boltansky  
Timothy J. Burton  
Dale B. Call  
David E. Cohen  
Louis J. Domenici  
Ian S. Elliot  
John L. Fiore  
Andrew P. Fridberg  
Marianne F. Fridberg  
Morris Funk  
Paul A. Gertler  
Paul E. Gilliam, Jr.  
Edward J. Goldman  
Michael D. Gotts  
Cynthia L. Graves  
Richard A. Gruen  
Richard H. Hallock  
Michael J. Ichniowski  
David E. Kelley  
Elizabeth M. Kingsley  
Douglas L. Kozlowski  
Pamela G. Krahl  
Alan J. Levin  
Michael N. Macklin  
Jeffrey G. Middleton  
Royann C. Mraz  
Patrick F. Mulroy  
Gary C. Prada  
Jay G. Prenskey  
Susan H. Prouty  
James F. Rooney  
Elizabeth M. Ross  
Ronald J. Ross, Jr.  
Lawrence D. Sandler  
Michael H. Sandler  
Alexis B. Sokil  
Eileen K. Stork  
John E. Stork  
Ellen L. Taylor  
Lornel G. Tompkins  
Robin M. Ulanow  
Stephen A. Valenti  
Gregory L. Walker  
Neil E. Warres  
Donald T. Weglein  
Bruce E. Weneck

## 1979

Arthur E. Bakal  
Joanne L. Blum  
Karen C. Carroll  
James A. Cockey  
Robert G. Dorr  
Burt I. Feldman  
Mitchell Finkel  
Christopher S. Formal  
Leon W. Gible  
Peter E. Godfrey  
Joyce Y. Gross  
A. Stephen Hansman  
Charles I. Highstein  
Jan M. Hoffman  
Michael E. Hull

Albert L. Jochen  
Martin F. Joyce-Brady  
James W. Karesch  
Alan L. Kimmel  
Max D. Koenigsberg  
Glenn M. Koteen  
Bernard F. Kozlovsky  
Richard A. Lebow  
Owen Lee  
George S. Malouf, Jr.  
Bruce R. McCurdy  
Yeong H. Oh  
Peter E. Rork  
Bruce Rosenberg  
Michael J. Smith  
Dorothy A. Snow  
Kevin B. St John  
Nelson N. Stone  
Susan T. Strahan  
David B. Tapper  
James A. Tegeler  
Lawrence E. Tilley  
Edward A. Tsoy  
Thomas B. Volatile  
Harlan F. Weisman  
Perri Laverson Wittgrove  
Arthur F. Woodward, Jr.  
H. Russell Wright, Jr.  
Erik B. Young  
Kristen A. Zarfos

## 1980

Bradley M. Aiken  
Robert C. Ammlung  
Umur M. Atabek  
Lawrence A. Brown  
Francis K. Butler  
Terence D. Campbell  
Wayne E. Cascio  
Robert P. Cervenka  
Jane L. Chen  
Catherine Crute  
Kirk D. Cylus  
Craig A. Dickman  
Paul E. Driscoll  
Margaret D. Eby  
Judith Falloon  
James F. Fiastro  
Milford M. Foxwell, Jr.  
David Bryan Franks  
Cathy Powers Friedman  
Christine L. Galan  
Vincent W. Gatto, Jr.  
Grace K. Gelletly  
Alan I. Gelman  
Marcia P. Goldmark  
Christine L. Helinski  
Lee J. Helman  
Geoffrey R. Herald  
Michael J. Hoffman  
Marian F. Kellner  
Michael R. Kessler  
Jeffrey A. Kleiman  
David S. Klein  
Kenneth C. Kunze

## The Honor Roll

CALLS FOR

# 2019 Awards Nominations!

Alumni, faculty, and friends are invited to send in their nominations for two MAA-sponsored awards by November 1, 2018. The Honor Award & Gold Key is presented to a living graduate for outstanding contributions to medicine and distinguished service to mankind. Factors considered in the selection process include impact of accomplishments, local, national, and international recognition, supporting letters, and publications. The Distinguished Service Award is presented for outstanding service to the Medical Alumni Association and University of Maryland School of Medicine. The awards are to be presented during the annual Reunion Recognition Luncheon on Friday, May 3, 2019. Letters of nomination for both awards must include a curriculum vitae and should be addressed to:

Mark Schneyer, '06, Chair, MAA Awards Committee, 522 W. Lombard St., Baltimore, MD 21201-1636 or emailed to: [maa@medalumni.umaryland.edu](mailto:maa@medalumni.umaryland.edu)



Susan Lamme Laessig  
Anne Dunlavy Lane  
Peter T. Lapinsky  
Charles E. Lee  
Thomas E. Lipin  
John R. Livengood  
Michael R. Lunde  
Robert Y. Maggin  
Teri A. Manolio  
Richard A. Marasa  
Karen J. Marcus  
John N. Margolis  
David J. Markowitz  
Margaret E. McCahill  
Timothy P. McLaughlin  
Steven M. Miller  
Judah A. Minkove  
Thomas P. Moran  
Michael J. Moritz  
Eric M. Orenstein  
David I. Otto  
Craig H. Paul  
Russell K. Portenoy  
Guy H. Posey  
Michael F. Pratt  
James P. Richardson  
Roger J. Robertson  
James W. Ruppel  
Roy T. Smoot, Jr.  
Victoria W. Smoot  
Catherine N. Smoot-Haselnus  
Marc D. Sokolow  
Sally E. Sondergaard  
Ladd Spiegel

Henry H. Startzman, III  
Henry W. Sundermier  
Phuong D. Trinh  
Emily Ulmer Michelsen  
Eric Van Buskirk  
Francis L. Wiegmann, Jr.  
Charles A. Wilkes

## 1981

Peter M. Barker  
Joan L. Bielefeld  
James M. Carlton  
Linda L. Chambers  
William Z. Cohen  
Alice M. Condro  
William A. Dombrowski  
Kevin J. Doyle  
Paula A. Ehrlich  
Lawrence R. Feldman  
Daniel P. Ferrick  
Frederick G. Flaccavento  
Elizabeth A. Fronc  
Patricia C. Frye  
Hope U. Griffin  
Howard T. Jacobs  
Marc A. Jaffe  
Brian H. Kahn  
Mark C. Lakshmanan  
Andrew M. Malinow  
Gordon L. Mandell  
Carol S. Marshall  
Scott T. Maurer  
David W. McClure  
Paul E. Mullen, II

# honor roll 2018

James L. Pertsch  
Deborah R. Pollack  
Linda J. Rever  
Lorinda Richardson  
Donna L. Rinis  
Howard N. Robinson  
Lauren A. Schnaper  
Howard L. Siegel  
Samuel Smith  
Carl Sperling  
Michael T. Stowell  
Brian W. Wamsley  
Samuel A. Yousem

## 1982

Guillermo W. Arnaud  
Wayne L. Barber  
David Christopher Barnes  
Kenneth A. Blank  
Paul S. Brockman  
Joseph P. Connelly  
Thomas William Conway  
Brian K. Cooley  
John M. DiGrazia  
Jonathan S. Elias  
Rebecca Elmaleh  
Patrick F. Gartland  
Warren Gibbs  
George E. Groleau  
J. Philip Hall  
C. William Hicks, III  
James D. Holt  
Constance J. Johnson  
Bruce A. Kaup  
Darryl B. Kurland  
Carole R. Lerman  
Gary M. Levine  
Jonathan D. Lowenthal  
Charles T. Lucey, II  
Paul R. Miller  
Andrew V. Panagos  
Steven H. Parker  
Robert M. Phillips  
Allan Jay Raskin  
Ralph T. Salvagno  
John A. Shutta  
Eliot L. Siegel  
Marc H. Siegelbaum  
Ellen A. Spurrier  
Laura L. Stephenson  
Mark L. Stillwell  
Leon Strauss  
Harry Strothers  
Jennifer S. Tseng  
Corina J. Waldman  
David L. Waxman

## 1983

Margaret C. Adams  
Ali J. Afrookteh  
Nancy Ashburn

Edward Allan Atwell  
Jeffrey J. Bernstein  
George M. Boyer  
Harry A. Brandt  
Peter G. Brassard  
Monica A. Buescher  
Michael A. Caplan  
George B. Cavanagh, Jr.  
S. Blaise Chromiak  
Beverly A. Collins  
Protagoras N. Cutchis  
Ludwig J. Eglseder, III  
G. Thomas Grace  
Scott D. Hagaman  
Charles E. Hendricks  
James D. Herr  
Harry Huo-tsin Huang  
Nathaniel W. James, IV  
David P. Johnson  
Mary Jo Johnson  
Karen M. Kabat  
Michael R. Kammerman  
Alan B. Kravitz  
Michael K. McEvoy  
Karen F. Meckler  
Jeffrey K. Moore  
Christopher M. O'Connor  
Harry A. Oken  
Nancy E. Prosser  
Mark C. Regan  
Marc S. Rocklin  
Edward Q. Rogers  
Warren Gibbs  
Jeannine L. Saunders  
David J. Schamp  
Robert B. Shochet  
M. Steve Sniadach  
Lee M. Stenzler  
Michael A. Stoiko  
William Fleet Umhau  
Margaret M. Vaughan  
Robert E. Walker  
Emmanuel B. Walter, Jr.  
Barbara C. Williamson

## 1984

Joseph A. Adams  
Stephen C. Anderson  
Rodney Samuel Arthur  
Roy E. Bands, Jr.  
Linda F. Barr  
Donald M. Beckstead  
Gail S. Brook  
Mark D. Bullock  
John F. Cary  
Ellen S. Deutsch  
John R. Downs  
Lindsay I. Golden  
Charles T. Gordon, III  
Heidi D. Gorsuch-Rafferty  
Todd H. Hillman  
Leslie I. Katzel  
William B. Kerns  
N. W. Koutrelakos  
Frederick E. Kuhn, Jr.  
Susan M. Lancelotta  
David R. Lee

## The Honor Roll

Brad D. Lerner  
David E. Lilienfeld  
Lynn M. Ludmer  
Dale R. Meyer  
Carole B. Miller  
Edward P. Nast  
Phillip L. Pearl  
Gregory S. Pokrywka  
R. Matthew Reveille  
Paul R. Ringelman  
Samuel M. Rosenberg  
Isabel L. Rosenbloom  
Lee M. Schmidt  
J. Theodore Schwartz, Jr.  
Martin L. Schwartz  
Lurette S. Semmes  
John P. Serlemitsos  
Matthew M. Shuster  
Joshua Z. Sickel  
Dana S. Simpler  
Carmela A. Sofia  
Sharon R. Tapper  
Katherine D. Tobin  
Timothy C. Trageser  
Helen E. Walker  
Jeremy P. Weiner  
Mitchell H. Weiss  
Michael W. Wingo  
Alan H. Wolff  
Christopher J. Zajac  
Lawrence A. Zimnoch

## 1985

Carl F. Alessi  
Richmond P. Allan  
Ira S. Allen  
Nicholas B. Argento  
Susan K. Arisumi  
Susan Barrows  
Margaret D. Benner  
Wendy J. Bergman  
Joanna D. Brandt  
Margaret O. Burke  
Peter F. Burns  
Rudolph C. Cane, Jr.  
Christopher F. Due  
Mark Jay Ehrenreich  
David A. Gelber  
Frederick M. Gessner  
Daniel I. Ginsberg  
Peter R. Gray  
Robert C. Greenwell, Jr.  
Michael J. Hallowell  
Charles S. Hames  
Sharon M. Henry  
Sean E. Hunt  
Thomas B. Johnson  
Jeffrey D. Jones  
Marc A. Kaufman  
Joanne L. Kinney  
Jay K. Kolls  
Donald R. Lewis, Jr.  
Richard W. Maack  
Alan R. Malouf  
Paul C. Marinelli  
David J. Mauterer

Mark S. McBride  
David A. O'Keefe  
Patricia A. Patterson  
Michael J. Platto  
David W. Porter  
Michael P. Riggelman  
Hari C. Sachs  
Sharon B. Samuel  
S. J. Schoenfelder  
Michael J. Sicuranza  
Eric C. Sklarew  
Laura A. Tang  
Laszlo R. Trzakovich  
Robert A. VanBesien  
H. Von Marensdorff  
Paul R. Weiner  
Stephen P. Yeagle

## 1986

Jeffrey R. Abrams  
Samuel R. Akman  
Marilyn F. Althoff  
Stephanie H. Applebaum  
Bryan K. Bartle  
Lauren L. Bogue  
N. Eric Carnell  
Lucy Chang  
Eugenio R. Chinae  
Eric J. W. Choe  
Jeffrey P. Cramer  
Steven F. Crawford  
John C. Davis, Jr.  
James A. Dicke  
Donna L. Dow  
Charles W. Emala  
Kelly Anne Fanto  
Stephen M. Fanto  
Barbara B. Fleming  
Brian Kenny Flowers  
Les B. Forgosh  
Scott W. Fosko  
David L. Gold  
Albert S. Hammond, III  
Sangwoon Han  
Craig D. Hochstein  
Paul E. Hogsten  
Robert F. Hoofnagle, Jr.  
Joseph Jue-Teng Hsu  
Thomas E. Kelly, III  
Lee A. Kleiman  
Jan M. Koppelman  
Dennis Kurgansky  
Karen A. Lavoie-Starr  
Giles H. Manley  
Marsh R. McEachrane  
Jeffrey R. McLaughlin  
Scott A. Milsteen  
Gregory K. Morrow  
David W. Oldach  
Joan Ordman  
Donna L. Parker  
Stephan Pavlos  
Steven C. Resnick  
Toby A. Ritterhoff  
Teh D. Rosen  
Judith L. Rowen

John F. Rubin  
Lisa A. Scheinin  
Jonathan S. Schwab  
Nadine B. Semer  
Asad U. Sheikh  
Debra D. Taylor  
Nevins W. Todd, III  
Nicholus Visnich, Jr.  
Mark J. Vocci

Nancy M. Hammond  
Radhika Hariharan  
Gregg L. Heacock  
Michael G. Hill  
Abbott B. Huang  
William W. Keys  
Jay C. Koons  
Roger J. Levin  
Carol A. McHugh  
Robert M. McLean



## 1987

Susan Goldberg Baruch  
Kathleen A. Devine  
Anne Marie A. Dietrich  
Mary K. Ewing  
C. Patrick Fitch  
Heidi L. Frankel  
Ira S. Allen  
Bruce D. Greenwald  
Charles J. Hammer, III  
Elizabeth R. Hatcher  
Kevin E. Hohl  
Betty Ann Kyser  
Paul F. Malinda  
G. Michael Maresca  
Raymond W. Moy  
Thomas B. Mulford  
Susan Suholet Nesbitt  
Timothy D. Nichols  
Jennifer R. Pyle  
Thomas L. Seymour, Jr.  
Sharon M. Sifford-Wilson  
Paul A. Tarantino  
Daniel L. Taylor  
Shelly Wong Woodward  
Donald V. Woytowitz, Jr.

## 1988

David B. Aiello  
William C. Chiu  
Carol C. Coulson  
Paula DeCandido  
Jose E. Dominguez  
Matthew R. Dukehart  
James V. Ferris  
Mark H. Fraiman  
Martha L. Galli-Leslie  
Sally F. Hahn

Tracy L. Nimmerrichter-Burgess  
Richard D. Patten  
Philip C. Pieters  
Stuart M. Pollack  
Bonnie S. Rosen  
Jeffrey P. Ross  
Joseph C. Schwartz  
Stanley Joonho Shin  
Geoffrey N. Sklar  
Steven K. Snyder  
Kelley Willis Sullivan  
Kenneth K. Tam  
Raymond A. Wittstadt  
Monford A. Wolf  
Marcella Ann Wozniak  
Pamela Wright

## 1989

Darryn M. Band  
Angela I. Choe  
Neri M. Cohen  
Joseph W. Cook, IV  
Clarita G. Dawson  
Mary Carmel Deckelman  
Erin R. Drew  
Brian J. Eastridge  
David S. Geckle  
Randal D. Getz  
David A. Gnegy  
Randolph B. Gorman  
Niloufar Guiv  
Robert R. Haddon  
Ann S. Hagen  
Steven E. Hearne  
Babak J. Jamasbi  
Karen L. Ksiazek  
Norman A. Lester  
Joy L. Meyer

## The Honor Roll

Jean M. Naples  
Lawrence G. Narun  
Mary E. Pagan  
Merdad V. Parsey  
David A. Riseberg  
Glenn L. Sandler  
Lise K. Satterfield  
David S. Scharff  
Ronald M. Schwartz  
David P. Smack  
Eugene J. Sullivan  
Patricia M. Sullivan  
Tackson Tam  
John N. Unterborn  
William E. Venanzi, Jr.  
Richard I. Weinstein  
Gregg Wolff

## 1990

Samuel M. Alaish  
Irfana Ali  
Carolyn M. Apple  
David H. Balaban  
William P. Cook  
Peter E. Darwin  
Karin M. Dodge  
Maryrose F. Eichelberger  
Carl E. Gessner  
Marc S. Goldman  
Mary K. Hoffman  
Teresa H. Hoffman  
Stephanie L. Linder  
Michael F. Maguire  
Robert F. Musselman  
Leigh A. Naughton  
Kelly A. O'Donnell  
Martin I. Passen  
Michael E. Rauser  
Jeffrey Rosenfeld  
Morris Lee Scherlis  
Magesh Sundaram  
James E. Thompson  
Marisa J. Werner  
Amy A. Zimmerman

## 1991

Yared Aklilu  
Renato G. Albaran  
Michael Lynn Ault  
Karen Elizabeth Brown  
Elizabeth W. Capacio  
Robert M. Cardinale  
Daniel Hugh Collector  
Beth G. Diamond  
Michael A. Dias  
Fazeela Ferouz  
Angela S. Guarda  
Jennifer A. Hollywood  
Elizabeth A. Kohlhepp  
Kevin O. Maher  
Jeffrey S. Masin  
Lee Anne Matthews  
Arman C. Moshayed  
Ali Nasser  
Janet M. O'Mahony  
Bertan Ozgun

John Joseph Pagan  
Zinon Mark Pappas  
David Seth Pomerantz  
Mary B.W. Porter  
Roberto N. Puglisi  
Cynthia N. Schaeffer  
Christianne Schoedel  
Linda E. Smiddy-Nelson  
Kelly F. Smith  
David Lee Taragin  
Chris A. Van Beneden  
Marjorie K. Warden

## 1992

Eligio B. Aguhob, Jr.  
Evan B. Alpert  
Bimal H. Ashar  
Clint E. Behrend  
Linda Matsas Berger  
Nechama Bernhard  
Catherine Booth Heilman  
Catherine I. Brophy  
Ramzi N. Dagher  
Jeffrey S. Dubin  
Annette E. Fineberg  
David W. Gentry  
Lisa I. Glasser  
Anthony H. Guarino  
Donna S. Hanes  
Samia Hasan  
Joseph C. Hsu  
David W. Kossoff  
Jonathan Krome  
Kendall A. Marcus  
Joyce L. Owens  
Virginia A. Powell  
Lisa Kolste Rakowski  
Ronald T. Rakowski  
Morton R. Rinder  
Elizabeth A. Scarito  
Joel A. Turner  
John M. Vaeth  
Seymour G. Williams

## 1993

Steven D. Avezzano  
Christian D. Bounds  
Gregory M. Brouse  
Susan M. Brouse  
Angela J. Brown  
Paulette E. Browne  
Lisa A. Collazzo  
Craig P. Colliver  
Kathryn M. Connor  
Michael A. Cushner  
Valerie R. Dyke  
Jonathan E. Efron  
Marc D. Hamburger  
Steven Hockstein  
Debra B. Hurtt  
Barbara A. Hutchinson  
John Kim  
Karen E. Konkel  
Andrew P. Lieberman  
Welwin Liu  
Mario L. Majette



# honor roll 2018

Gina M. Massoglia  
Amal Mattu  
Ursula B. Mc Clymont  
Stacy Y. Oshry  
George A. Porter, Jr.  
Douglas H. Seeb  
Aminatu J. Shehu  
David B. Sigman  
Sharon E. Silverman  
Douglas A. Smith  
Michael W. Stasko  
John C. White  
Lore B. Wootton  
Thomas H. Yau  
Charles D. Yim

## 1994

Paul M. Berger  
Gregory G. Bishop  
Konni E. Bringman  
Demitrous Frazier  
Stacy Dara Gittleson-Fisher  
Christopher Scott Highfill  
Deborah S. Hopkins  
Jun W. Kim  
Claudia C. Krasnoff  
Scott E. LaBorwit  
Philip S. Lim  
Louis B. Malinow  
Connie M. McRill  
Bahador Momeni  
Christopher P. Moore  
Alkesh Dahyabhai Patel  
Jay B. Penafiel  
Anthony B. Quinn  
Andrew L. Smock  
Aaron R. Twigg  
Santosh J. Vetticaden  
Doyle A. Yeager

## 1995

Melinda Battaile  
Shuchi Bhatt  
Michael C. Bond  
Beth Marie-Arciprete Comeau  
Sean M. Curtin  
Ramona Daryani  
Kevin M. Dooley  
Stephen N. Fisher  
Gail Granof-Warner  
Shelly L. Hairston-Jones  
Sanjay B. Jagannath  
Meredith S. Josephs  
Jana L. Kaplan-Fastow  
Inna Kats  
Sanford R. Katz  
Mitesh B. Kothari  
Charles J. Lancelotta, III  
Gwendolyn R. Lee  
James L. Liszewski  
Edward L. McDaniel

Charlotte Harward Miller  
John P. Moriarty  
Olayemi O. Osiyemi  
Duke G. Pao  
Hamang M. Patel  
Lisa Smith  
Theodore Sunao Takata  
Julie L. Tishler  
James Blake Trumble  
David T. Vroman  
Deanna D. Vroman  
Michael Rebert Warner  
Scott K. Winiecki  
Joyce S. Wong

## 1996

Karen L. Beasley  
Paula J. Boyle  
Maureen G. Burdett  
Brian M. Cantor  
Eric J. Carr  
Neeraj Chopra  
Marcia Antoinette Cort  
Teresa M. Cox  
Robert J. Dausch  
Christine A. Eagleson  
Vicki E. Ellis  
Stephen L. Engroff  
Ellie P. Goldbloom  
Carol S. Goundry  
Joseph M. Herman  
Janet Y. Higgins  
C. Brett Hofmann  
Julie A. Hurlock  
Allison A. Jensen  
Kathleen M. Kadow  
F. Thomas D. Kaplan  
Paul J. King  
Bryan R. Klepper  
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Chimene L. Liburd  
Luis E. Llerena  
David Louis Mandell  
Mary B. Martello  
Lisa Kilburg Martinez  
Lisa N. Miller  
Robyn M. Miller  
Monica D. Sarang  
Stephanie D. Silverman  
Angela D. Smedley  
Brenda L. Stokes  
Kenneth Benjamin Tepper  
Walter J. Wojcik

## 1997

Jennifer K. Beall  
Troy Andre Brijbasi  
Margaret Kelly Burkhead  
Ruwanthi Samaranyake Campano  
Regina Clark Abhulimen  
Carol S. Cox  
Daniel C. Farber  
Kirk W. Foster  
Rachelle N. Gajadhar  
Heidi Ginter

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Darlene Y. Robinson  
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Debbie P. Spencer  
Barbara M. Walker  
Ed G. Ziedins

## 1998

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John T. Antoniadis  
Aaron M. Bates  
Brendan C. Berry  
Percy Boateng  
Herlene Chatha  
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Rachel Exelbert Schreiber  
Kenneth S. Schwartz  
Mary Goyer Shapiro  
Lisa M. Sloat  
Tin A. Way  
Drewry J. White  
Emily Cootauco White  
Shannon J. Winakur

## 1999

David Asrael  
Martin A. Braun  
Seth M. Cohen  
Leslie T. Emmert-Buck  
Leonard S. Feldman  
Robert D. Flint, Jr.  
Triesta M. Fowler-Lee

Thomas D. Horst  
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Sarah A. Mess  
Thuy D. Ngo  
Bimalkumar G. Rami  
Maurice N. Reid  
Anne E. Rothman  
Andrew R. Rubin  
Mark G. Saba  
Lisa M. Soule  
Mallory Williams  
Alla Zilberman

## 2000

Leslie M. Belloso  
Morgen J. Bernius  
Tammy Lipman Burgunder  
John F. Caccamese, Jr.  
Esther E. Elliott  
Amy R. Evenson  
Carla E. Galang  
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Matthew D. Sedgley  
Kerry R. Shaab  
Bradley J. Wasserman  
Katherine N. Wex  
Jianping Yang  
Michael Yim  
Thomas Chizen Yu

## 2001

Adebisi M. Ajala  
Julia S. Anixt  
Allison W. Brindle  
Lana K. Bur  
Christopher W. Calabria  
Rajwinder S. Deu  
Etosha D. Dixon  
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Barton F. Lane  
Richard A. Mackey, Jr.  
Suneel N. Nagda

Robert I. Pargament  
Chinh N. Pham  
Igor M. Poltinnikov  
Kathy J. Weishaar

## 2002

Jill Bergeson Barkdull  
Karen L. Bauer  
Ron K. Brathwaite  
Ealena S. Callender  
Jenna H. Choi  
Brian N. Corwell  
Jennifer B. Cox  
Apurva Desai  
Steven H. Epstein  
Eve Fields  
Katherine A. Gallagher  
Walid F. Gellad  
Erin P. Gibbons  
Steven B. Ingle  
Daniel R. Kauffman  
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Roderick B. Kreisberg  
Peter Michael Kuehl  
Dean W. Meadows  
Christine M. Patton  
Shernette L. Prince  
Robert E. Reif  
Eugenia C. Robertson  
Keith A. Robinson  
Francis M. Segreti  
Lauren M. Smith  
Matthew A. Smith  
Andrew I. Stolbach  
David J. Wang

## 2003

Jared R. Berkowitz  
Calvin Y. Choi  
Thomas C. Dean  
Todd W. Flannery  
Julia I. Flukinger  
Warren J. Gasper  
Sharla R. Hart  
Rachel A. Hartman  
Bridget A. Hilliard  
Jeffrey Todd Hobelmann  
Nathaniel L. Holzman  
Erica N. Johnson  
Sachin D. Kalyani  
Hilary Koprowski, II  
Sarah A. Kremen  
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Milford H. Marchant  
Ryan G. Miyamoto  
Jennifer K. Moynihan  
Matthew L. Ortman  
Abbe J. Penziner-Bokde  
Rachel F. Plotnick  
Jerome P. Schartman  
Priti A. Shah  
Jinsil K. Sung  
Karen M. Sutton  
Jennifer Taylor Thibodeau  
Tasios G. Vakkas  
Judy K. Wang

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Antonette Brigidi  
Robert G. Davidson  
Richard Ericson  
Anis R. Frayha  
Manjula V. Gunawardane  
Robert J. Habicht  
Elizabeth Chase Hall  
Christine Hayes Wu  
Allison Kessler Hobelmann  
Christopher R. Hydorn  
Leila Z. Khan  
Won M. Lee  
Stephen Y. Liang  
Michael E. Perraut  
Marek Polomsky  
Kathryn S. Robinett  
Jonathan S. Rogers  
Romina M. Thomas  
Jordan H. Wolff  
Willis M. Wu

## 2005

Alexandra D. Bentley  
Natalie M. Branagan  
Robin L. Cohen  
Timothy J. Decapite  
Christopher K. Grybauskas  
Michael S. Hampton  
Cheryl M. Hepp  
Keri N. Jacobs  
Benjamin L. Laskin  
Janelle M. Martin  
Jennifer Roth Maynard  
Nora C. Meenaghan  
Kimberly Kesler O'Rourke  
Marissa J. Perman-Laskin  
Daniela B. Smith  
Lambros Stamatakis  
Regina F. Wong

## 2006

Jeremy S. Bock  
Joanna Kroll Bock  
Tara E. Cook  
Ashley W. Davidson  
Brian J. DelliGatti  
Laurence M. Edelman  
Neda Frayha  
Adam D. Friedlander  
Katherine R. Goetzinger  
Andrew L. Heath  
Leah C. Jones  
Cathleen Sybert Khandelwal  
Jonathan C. King  
Regina A. Macatangay  
Elise Malecki  
Jeffrey T. Mason  
Jesse B. Mez  
Timothy T. Owolabi  
Daniel B. Plotnick  
Tameka J. Pyles  
Sandra M. Quezada  
Norman F. Retener

Kristin C. Roussillon  
Mark S. Schneyer  
Michael C. Weisburger  
Jordan C. White

## 2007

Temilolu O. Aje  
Megan Niziol Alcock  
Timothy P. Chizmar  
Latrica K. Cook  
Ryan H. Fitzgerald  
Kathryn L. Gloyer  
Joshua D. Holyoak  
Nina V. Isakovich  
Kathryn A. Karges  
Elisa J. Knutsen  
Amanda M. Kramer  
Bradley R. Kramer  
Adriana J. Laser  
Benjamin S. Laser  
Abigail A. Lenhart  
Susan M. Mabrouk  
Paula E. Max-Wright  
Thomas J. Merkle  
Tania R. Peters  
Jared W. Reaves  
Cedric C. Regelin  
Brandon N. Reynolds  
Troy M. Sofinowski  
Jennifer C. Sri  
Theodore J. Sung  
Owen C. Thomas  
Roger D. Wu  
Catherine S. Zorc

## 2008

Jodi K. Bond  
Eric J. Buchner  
David J. Carlberg  
Sarah A. Eby  
Stephenie R. Fleegle  
Ruth E. Gardner  
Katherine L. Harlow  
Nadine T. Himelfarb  
Ruth E. James  
Jacqueline E. Karp  
Elizabeth L. Kochman  
George C. Kochman  
Priya S. Kuppasamy  
Clarence K. Lam  
Jennie Y. Law  
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Michelle A. Melo  
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Elizabeth M. Nichols  
Maria Mainolfi Palarata  
Brian G. Rosenberg  
Gregory A. Small  
Luke R. Smart  
Erik R. Strauss  
Christian C. Wright  
Andrew J. Young

## 2009

Jennifer J. Ahn  
Darren J. Andrade  
Philip Brazio  
Ling-Xin Chen  
Cassidy W. Claassen  
Elizabeth K. Clayton  
Andrew H. Ditto  
John A. Douglas  
Nicole Gloff  
J. Daniel Hess  
William W. Ide  
Judith E. Kopinski  
Shavonne L. Massey  
Meghan D. Morrow  
Kelly J. Norsworthy  
Jason S. O'Grady  
Lesley Wojcik Raphael  
Kristin Powell Reavis  
Tianbo Ren  
Heather Ridinger  
Zachary J. Roberts  
Michael J. Santiago  
Kathleen A. Sterling  
Semhar Z. Tewelde  
Ethan M. Weinberg

## 2010

Ijeoma E. Akunyili  
Mariam H. Ayub  
Jamil J. Bashir  
Regina B. Bray  
Jason B. Brill  
Paulina Gorney Brown  
Richard C. Bryson  
Rebecca Carter  
Sarah Dubbs  
Sara Edeiken  
Nidhi Goel  
David C. Griffith  
John M. Haines  
David J. Halpin  
Kyle M. Hatten  
Aaron G. Ilano  
Daniel Kang  
Nicholas A. Kessides  
Andrew P. Lee  
Horatiu Muresan  
Fernanda Porto Carreiro  
Jeffrey F. Rasmussen  
Sanam D. Razeghi  
Thomas E. Reznik  
Donald F. Slack  
Melanie P. Slack  
Oliver O. Tannous  
Alison F. Ward

## 2011

Maureen Baur  
Katherine M. Bever  
Christina M. Boyd  
Michael B. Chang  
Meghan E. Geraghty  
Jamie L. Goldberg  
Andrea M. Hebert

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Lindsay F. Holiday  
Jeffrey E. Keenan  
Elizabeth L. Kenez  
Nancy A. Lentz  
Jolinta Y. Lin  
Samuel F. Livingston, II  
Peter H. MacArthur  
Heather M. Mezzadra  
Thao P. Nguyen  
Brian C. Phillips  
Adam J. Setren  
Marie E. Shockley  
Allison J. Siegel  
Kathleen S. Stephanos

## 2012

John R. Bergquist  
Nina N. Brodsky  
Joanna Chin  
Claire E. Ciarkowski  
Claire A. Cunniff  
Janna Becker Davis  
Lindsay Goodstein  
Patricia F. Groleau  
Melissa A. Heuer  
Jason M. Hostetter  
Andrew C. Judd  
David L. Levitt  
Jordan Ambrose Margo  
Lindsay H. Morrell  
Latasha N. Murphy  
Adriana Naim  
Brian P. Neuman  
Jonathan O. Olumoya  
Maxim D. Orlov  
Andrew J. Riffin  
Hemal N. Sampat  
Alison P. Williams La Badie  
Heon Soo Yi

## 2013

Stephen Orion Courtin  
Elizabeth A. Donahoo  
Livingstone S. Dore  
Lauren E. Drake  
Stacey A. Engster  
Michael C. Garcia  
Russell J. Goldstein  
Danielle E. Goodrich  
Renee A. Henderson  
Megan Lee  
Skyler A. Lentz  
Sarah K. Lynam  
Adam K. Meeks  
Julia Sarsfield Merti  
Jenna B. Noveau  
Ian M. Oppenheim  
Richard I. RossFrye  
Ariel R. Schonfeld

Elizabeth A. Silberholz  
Erin K. Singh  
Katherine R. Still  
Rebecca A. Switzer  
Sarah Ullah  
Christen L. Vagts

## 2014

Brian Bates  
Nicole Cimino-Fiallos  
Jared S. Cohen  
Charles Randall Cooper  
Michael P. DeWane  
Nizar Dowla  
Elizabeth Duke  
Andrew Schulden Frei  
Danielle Glick  
Meredith Goodloe  
Brian L. Heiss  
Kenzie Bowen Johnston  
Sarah K. Kleist  
David E. Knipp  
Paige Luneburg  
Joseph Mechak  
Kelly F. Moyer  
Sreela S. Nambodiri  
Brian Toan Ngoc Nguyen  
Rachel O'Brian  
Ian Michael V. Porter  
Remigio Roque  
Akina Tamaki  
Julie Taylor Schultz

## 2015

Jonah E. Abraham  
Michael H. Baca-Atlas  
Lydia Barlow  
Charles Jeremy Bengson  
Stephen T. Biederman  
Caitlin Carnell  
Harsh Desai  
Andrew Dubina  
Kriti Gandhi  
Andrew K. Gold  
Matthew J. Grant  
Daniel J. Helman  
Ariana Khaladj-Ghom  
David H. Kim  
Julianne M. Lapsa  
David M. Leone  
Ann Miller  
Meaghan C. Moxley  
Gopal L. Narang  
Kenneth R. Nugent  
Zil D. Patel  
Alexis Salerno  
Benjamin Schultz  
Brandon Schwartz  
Ari B. Seifter  
Alexander Skog  
Sarah E. Skog  
Mary E. Waltherhoefer  
Bradley F. Woodman

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Tara M. Barry  
Alexandra E. Blaes  
Laura M. Bomze  
Haoxing Chen  
Andrew Delapenha  
Lillian J. Dubiel  
Shawnese Gilpin  
Anna B. Gitterman  
Miranda R. Gordon-Zigel  
Emily A. Japp  
Christian P. Larsen  
Emily Tyler Maxwell  
Samuel F. Oliver  
Kevin W. O'Malley  
Edgar A. Petras  
Emily E. Purcell  
Manoj P. Racherla  
Maria Rosario Rittenbach  
Laura E. Segars  
Rebecca C. Thrower  
Rachel L. Troch  
Jonathan M. Watson  
Shelly Watson  
Annie C. Weber

## 2017

Barbara A. Beauchamp  
Kerry S. Campbell  
Andrea V. Carnie  
Donique A. Cross  
Kathryn M. Davis  
Xavier Diao  
Taylor M. Douglas  
Adam Fisch  
Mitra H. Haeri  
Max C. Hamaker  
Solomon Hayon  
Dina Ioffe  
Godly O. Jack  
Angelina S. June  
Daphna T. Katz  
Anthony P. Kronfli  
Jeffrey P. Lane  
Andrew H. Lutz  
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Tasmia Rezwan  
Timothy E. Ryan  
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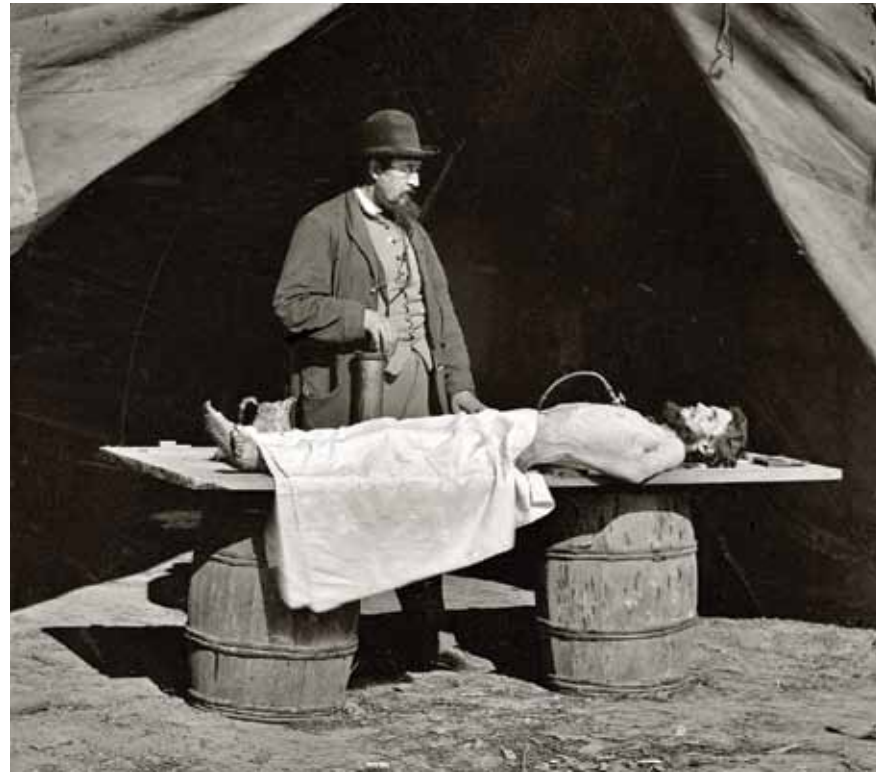
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“ I love to remember my days as a student in Davidge Hall. It was a privilege to be in that historic structure. It was a greater privilege and honor to make a lasting donation to assist in the maintenance of Davidge Hall. ”

George R. Baumgardner, MD '58







## Embalming, Medicine, and Death in the American Civil War

THE AMERICAN CIVIL WAR killed more American soldiers in four years than all other American wars and battles in the 18th, 19th, and 20th centuries combined—until Vietnam. The number of men who died in the three-day Battle of Gettysburg nearly equals the number of soldiers killed in the Vietnam War.

As Drew Gilpin Faust argues in her exceptional history *This Republic of Suffering: Death and the American Civil War*, the number of dead bodies that Americans had to contend with during the war was transformative to both the way Americans thought about death as a concept and in the way in which we care for and handle bodies.

“Haste and carelessness frequently yielded graves so shallow that bodies and skeletons reappeared, as rain and wind eroded the soil sheltering the dead and hogs roamed around battlefields in search of human remains,” Faust writes of the early years of the war. “At war’s outset, many Americans would have designated the coffin as the basic marker of ‘decency’ that distinguished human from animal interment, and they would have agreed with John J. Hardin, an Indiana volunteer, who found it ‘dreadful...to see the poor soldier just thrown into a ditch and covered over without any box.’”

While battle killed many soldiers during the four years of fighting, disease accounted for two-thirds of all deaths in the Civil War. This left companies with bodies that were easily identifiable (as opposed to battlefield casualties) and families would often write asking for their loved ones to be returned home.



Thomas Holmes, one of the first and most famous Civil War embalmers, “embalmed more than four thousand soldiers at a price of one hundred dollars each. The war made him a wealthy man.”



Originally, Faust writes, trains would not necessarily accommodate families wanting the remains of their loved ones returned. “Putrefying bodies” and those that had begun decomposition were often denied space on trains, even if family members had traveled to claim bodies. The wooden boxes and caskets common in the 19th century were just not able to contain the bodily fluids and smells associated with decomposition.

One solution individuals found were “air-tight” steel and metal coffins and boxes. These were allowed on the railways, but their cost was often prohibitive. Another option, one rooted in science experimentation, was a seemingly far better solution.

Embalming had been a practice used globally by many different cultures throughout human history. But in the West, the modern embalming of bodies for their preservation began in earnest in Scotland, England, and France after the French Revolution.

William Harvey’s 17th-century description of blood flow in the human body sparked interest throughout Europe about the vascular system and also the potential for using that system for preservation. The earliest infamous examples of preservation in Scotland and England in the 1780s abound, most including the public display of this new medical technique to the shock and horror of the general public.

By the 1860s, as Faust writes, Americans had adopted and patented chemical embalming procedures. Mostly used for providing cadavers for the study of anatomy and pathology in medical schools, American embalming became a solution for decomposition and the transportation of thousands of bodies during the Civil War.

The procedure for embalming was relatively fast in the 19th century, and embalmers began to set up shops in places like Washington D.C., or would follow large regiments around, starting in 1862. Given licenses by military commanders, embalmers would take bodies from field hospitals and the battlefield at the family’s request—in person or through letters after notification of a soldier’s passing—and proceed to embalm and ship the body.

Rates for the procedure were expensive—sometimes as much as \$150 per body—but demand was high. According to Faust, G.A. Diuguid and Sons in Lynchburg, Virginia, “handled 1,251 soldiers in 1861, including both Union and Confederates embalmed and sent home for burial.” Thomas Holmes, one of

By Mary Ellen Leuver

the first and most famous Civil War embalmers, “embalmed more than four thousand soldiers at a price of one hundred dollars each. The war made him a wealthy man.”

Embalming was not only a way to get a loved one back home during a time when family graves were important parts of society, but, as Faust adds, “embalming promised to transform death into slumber.” Bodies that were promptly preserved (and not too mutilated by war) allowed family members to look upon their sons, fathers, and husbands again one last time before interring them. Despite the price, this final meeting courtesy of medical science was worth the exorbitant cost for many.

Yet, the final slumber and repose allowed by embalming was not without its problems.

Embalmers were accused of spiking prices at particularly busy battlegrounds. They were also accused of taking bodies off battlefields without family permission, embalming them, then writing to families for their exorbitant prices, essentially ransoming a loved one’s body. One embalming shop in the nation’s capital, Faust writes, would take random bodies off the battlefield and display them in their shop window to showcase their skills—imagine the shock of families seeing their loved one in a shop window advertising embalming.

The problems and complaints with embalmers reached a fever-pitch by 1865, when General Ulysses S. Grant revoked all permits for embalmers and ordered them behind the lines.

While the war ended shortly thereafter, embalming became a fixture in American death rituals. Maintaining its independence from the medical profession, undertakers set up stores for their embalming practices and maintained close relationships with families, churches, and—later—hospitals.

What started out in the United States as a practice for the dissection of human bodies for medical learning and experimentation became, through the carnage of the Civil War, a means for preserving the body for families after death. Through the use of the newly discovered intricacies of the vascular system, embalming changed not only the body in death but also America’s expectations for death itself. 🏛️



Author Mary Ellen Leuver is a doctoral candidate in the History of Science & Medicine at Yale University specializing in bioethics and the history of infectious diseases. She consults on medical history at the University of Maryland School of Medicine.

# The Health of Science

**L**ewis Höchheimer was the son of a German immigrant. His father, Henry (or Hayyim), came to America from the city of Ansbach in what is now northwestern Bavaria. The elder Höchheimer sailed to New York in 1849 and later went south to serve as a rabbi for the Nidche Israel congregation in Baltimore. Lewis was born in 1853, grew up in Baltimore and graduated from Maryland's law school. The younger Höchheimer specialized in and published on family law and criminal procedure.

In a December 1, 1905 article, "Statutes Regulating Medical Practice" (St. Louis: *Central Law Journal* 61:22), Lewis Höchheimer commented on a series of cases at both state and federal levels regarding the relationship between licensed medical practitioners and psychic or spiritual healers. The article shows his particular interest in Christian Science, which by the early years of the 20th century was at the peak of its power and influence under the formidably effective leadership of Mary Baker Eddy (1821–1910).

As far back as the 1880s, Christian Science practitioners were criticized and then sometimes prosecuted for delivering medicine without state license. Most of these prosecutions failed, and Höchheimer found numerous examples in recent case law of CS or other psychic healers having been acquitted because they had offered mere "words of encouragement" to patients. Since they had "made no diagnosis or examination of disease and did not administer or prescribe any drug, medicine or remedy," they were found not guilty by trial courts or else saw their convictions overturned on appeal. A few had been charged with not only medical malpractice but manslaughter, particularly for cases involving the death of children.

Juries and judges were often sympathetic even when faith healers indulged themselves with the style of "Doctor" or utilized the U.S. Mail to collect money from desperate patients. Leading physicians acknowledged this trend in print. C. H. Hughes, editor of the *Alienist and Neurologist* at the turn of the last century, wrote in 1899 that the "craze" for Christian Science was "fast becoming an epidemic delusion. Even the courts have decided in its favor."



For his 1905 article, one example that drew Höchheimer's attention was a federal appellate decision from 1901 holding that in the United States—he quotes directly from the court's opinion—

"No discrimination is made between those whose vocation is healing, whether they be allopathists, homeopathists, osteopaths or mental scientists," and furthermore that "every man and woman has the right to believe what he or she chooses to believe ... and to engage in practice founded upon [that belief] unless he thereby injures others or disturbs the peace and welfare of the public."

For many years this federal precedent informed decisions that tended to favor Christian Science practitioners when there was no clear evidence of physical harm.

Höchheimer's article, despite its very general title and an introduction that starts with references to 16th-century Elizabethan medical regulation, devotes its most detailed comment to Christian Science. His remarks are carefully written so as not to appear too prejudicial, and he notes that the "recuperative mental force of the patient himself" can affect what amounted to "cures" and so ought to be recognized. He comments as well on the legal limits to medical "agency." When brought into court, Christian Scientists could and did claim no such agency since they did not deliver drugs or perform surgery as licensed MDs would be expected to.

Höchheimer does not, however, let Christian Scientist practitioners wholly off the legal hook. Near the end of his article, he writes:

The exercise of the art of healing for compensation, whether exacted as a fee or expected as a gratuity, cannot be classed as an act of worship; nor is it to be regarded as the performance of a religious duty.

He also uses the term "charlatanism" albeit not specifically with reference to CS practice. As alleged in his own time, such practice could be seen to be the equivalent of the "witchcraft" and "sorcery" as charged during some earlier (e.g., Elizabethan) era. Today—meaning 1905—a "new-

As far back as the 1880s, Christian Science practitioners were criticized and then sometimes prosecuted for delivering medicine without state license.

school healer effects a cure that is little less than marvelous and so [he or she] is charged with charlatanism," to which Höchheimer advises caution. Quoting again from the 1901 Federal appellate ruling, he sums up with:

"The experience of the judiciary, as shown by history, should teach tolerance and humility, when we recall that the bench once accounted for familiar physical and mental conditions by witchcraft."

Medicine in the generation of Mary Baker Eddy and Lewis Höchheimer still had a limited toolkit. Although antiseptic surgical procedures were becoming standard by the time they were young adults, had either Eddy or Höchheimer become seriously ill, e.g. with one of the infectious diseases still common, there would have been little other than palliative care available. This was true even as the earliest cell pathologists were starting to find the microorganisms responsible for many diseases. There were also few legitimate treatments for conditions like post-menopausal depression; women had little to fall back on but laudanum. It was thus no accident that a woman with a keen eye for business, Eddy herself, should have built a nationwide following emphasizing mind over matter.

Eddy did find limited support within the medical community, including that of Dr. Hildegard Longsdorf, a native of Carlisle, PA, who maintained a practice near there in the late 19th and early 20th centuries. For an article in the *Transactions of the Medical Society of the State of Pennsylvania* (1894; 156), Longsdorf wrote that:



Mary Baker Eddy

Christian science is an old acquaintance with a new face, and its extraordinary progress has doubtless been due to the reactionary tendency of the times, among a large class of orthodox people from the scientific materialism, naturally growing out of the demonstrations going on here and abroad, as to the course and prevention of disease.

The movement to faith healing could thus be seen as both a reaction to recent scientific trends and a comment on their clinical limitations: medicine itself did not seem very well.

Eddy died a rich woman. If by some accounts she was also an opium addict in her later years, she dismissed her own physical problems as the result of "malicious animal magnetism" directed at her by enemies. Her church has never enjoyed the numbers nor the power it did during her lifetime, even as its later followers have

included people of power and wealth: Lady Astor (the former Nancy Langhorne of Virginia) and two notorious members of the Nixon Administration, John Ehrlichman and H. R. Haldeman, are examples. 🏠



Author Wayne Millan is a lecturer in classics at The George Washington University. He has participated in Maryland's annual Historical Clinicopathological Conference since 2001 and authored the *Medicina Memoriae* column since 2010. He's currently at work on a full-length biography of the Classicist Edith Hamilton, who was well known to an older generation of Baltimoreans as founding headmistress of The Bryn Mawr School.



# The Trauma Package



FOR 11 YEARS, Capt. Benjamin “Hawkeye” Pierce could be counted on to save fictional lives and entertain millions, cutting through the trauma of war with humor on the CBS-TV series *M\*A\*S\*H*.

Who would believe that now, 35 years since the 4077 Mobile Army Surgical Hospital unit in Korea was disbanded, one might still say Capt. Pierce is responsible for saving lives—this time real ones, through the work of **Sharon M. Henry '85**, one of those long-ago fans—at R Adams Cowley Shock Trauma Center.

“I think where I got my interest in doctors—other than going to the doctor, which we didn’t do very much of when I was a kid, was what I saw on TV,” says Henry, the Anne Scalea Professor of Trauma and chief of the division of wound healing and metabolism at Shock Trauma. “And the things that resonated with me on TV, I think the one show where I got one of my heroes was *M\*A\*S\*H*, Hawkeye Pierce, right?”

Henry smiles and laughs a bold, Whoopi Goldberg-like laugh.

“That show’s real appeal for me was Alan Alda and surgical nurse Loretta Swit (*Hot Lips*),” she says. “It’s where I got my interest in being a doctor.”

Of course it wasn’t the only thing. On a much more serious side, there was the terrible car crash in which her mother was seriously injured.

“I was in middle school,” Henry says. “My mom was thrown from the car and her hand was broken and there were broken bones in her face

that actually were missed. She ended up with facial nerve palsy and eye problems as a result. That, with my success in science and math, I think, probably turned my interest to health care or science.

“But I never thought trauma, I didn’t think emergency room. But the TV shows—with Hawkeye Pierce, Marcus Welby and the emergency room doctor in *Emergency!*—those portrayals of medical professionals, that sort of set it up for me.”

The Berlin, Md., native, who majored in chemistry at Duke as an undergraduate before attending Maryland, says she was a “nerd” at Decatur High School. She was an avid reader, not an athlete—even today she enjoys a good Robert Parker or Patricia Cornwell mystery. She’s always enjoyed watching sports, however, which is reflected in her Shock Trauma office, which bears some Ravens and Orioles memorabilia.

The office walls hold several paintings of the Eastern Shore done by a cousin who is an artist there. Henry also has a picture of her graduating surgical residency class, which at the time had an unheard of number of women—50 percent.

Today, she has come a long way from her roots, but not so far that she can’t see where she came from. What Hawkeye Pierce was to her, she is to students today at Maryland, where the 100th anniversary of female medical students being accepted into the school is being celebrated.

“Being a role model means to be a resource, to help today’s students find what they need,” Henry says. “It is being someone they can look at and say, ‘She did it. Why can’t I.’”

When Henry was a medical student, one of her mentors was cardio-thoracic surgeon **Joseph S. McLaughlin, '56**. “He wrote a letter for me to get into residency,” she recalls. “But just the fact he was supportive, helpful, and kind to me, that meant a lot.”

She’d like to do that for others. But those who choose Henry as a role model should be forewarned. You need to be quick, smart, and determined. Even more than that, you need an inexhaustible supply of energy.

Asked if she has a battery pack implanted somewhere in her back, Henry laughs her infectious laugh. “I don’t have a battery backpack,” she says. “Batteries aren’t included.” They should be. She is a professor of surgery and an attending trauma surgeon. She provides follow-up care to 35 trauma inpatients and outpatients daily.

Her responsibilities heading the division of wound healing and metabolism bring her another 15 to 20 patients per week with complex soft tissue infections and wounds. Her oversight duties include four nurse practitioners.

On top of all that, she is on various committees, is course director for advanced trauma life support, and the chair for International Advanced Trauma Life Support.

It is that last responsibility that takes her on the road, to wherever in the world a new course is being developed—Latin America, the Middle East, or Asia for example.

“I do love to travel,” says Henry. “So that part of my job fits in very well. I get to meet a lot of different people and to see how people embrace education—even in environments where resources are significantly limited.”

While the travel is something of a bonus, her passion is treating trauma patients and wound healing.

“With trauma, I think it is the ability to intervene when something catastrophic has happened to somebody,” says Henry, age 58. “You can hopefully get them back to doing whatever it was they were doing before this terrible thing happened.”

“I’m not somebody who likes to jump out of airplanes, but I like to be stimulated and for it to be kind of exciting. The stories are often exciting and I like that aspect of it.”

As for the wound healing, she says every surgeon has to think about it whether they want to or not. “We couldn’t do surgery if the patient wouldn’t heal,” she says. “I just think about it more than other people do. We end up seeing patients who have challenges with that healing. It’s gratifying when you change somebody’s life—when you take them from having to put a dressing on every day to not having to put on a dressing. That is life-altering.”

In trauma, she says, you have to take the good with the bad.

“You save the ones you can, but there are some you can’t save,” Henry says. “It’s rewarding because of your ability you can put someone back together. And you can see an impact relatively quickly.

“You know what they always say about surgeons,” she says. “They say we’re like people who want immediate gratification.”

Working in trauma, Hawkeye Pierce would say, that’s not a bad thing. 🏥

*M\*A\*S\*H Television Show*



What Hawkeye Pierce was to her, she is to students today at Maryland, where the 100th anniversary of female medical students being accepted into the school is being celebrated.

“With trauma, I think it is the ability to intervene when something catastrophic has happened to somebody. You can hopefully get them back to doing whatever it was they were doing before this terrible thing happened.”

## Elizabeth M. Nichols, '08

## Targeting Breast Cancer

It is the closeness she has with her patients that brings her the greatest satisfaction in oncology work.

**D**on't tell Elizabeth M. Nichols '08, that only male doctors can make advances in breast cancer treatment.

Yes, since breast cancer was first diagnosed in Egypt in 1600, it has largely been male doctors who have led the fight against it—and most other diseases. But at Maryland, Nichols follows in the footsteps of women like the late **Angela Brodie, PhD**—who worked as a biochemist, pharmacologist, and scientist for decades. The aromatase inhibitor she created is viewed as “unparalleled” in terms of changing some breast cancer diagnoses from almost certain death to ones that can be successfully treated.

Now, the GammaPod, created by **Cedric Yu, DSc**, and **William Regine, MD**, Maryland is the newest improvement for delivering pin-point radiation therapy to patients with early-stage breast cancer.

Nichols, assistant professor and clinical director of the department of radiation oncology, is the principal investigator for the GammaPod project. She led the research that got FDA clearance for the machine in December 2017, and she will oversee its use on campus and lead a research consortium of other national and international sites that will also soon be offering GammaPod treatment.

“I feel like this is a once-in-a-lifetime experience,” Nichols says. “And I am very lucky to be part of it. I also feel very fortunate that as a woman I'm able to do this—that a woman potentially is able to again change the face of breast cancer treatment. The GammaPod has that potential, to be able to have a modality that's non-invasive, convenient, and potentially result in improved cosmetic outcomes, would be amazing for so many women, and very satisfying from a career point of view, too.”

The GammaPod is expected to make its world debut at Maryland before year end. Nichols says the machine has the ability to reduce the number of traditional radiation treatments from 16 or 17 to one or two. “Eventually if all goes as expected,” she says, “the GammaPod could result in eradicating the need for some lumpectomy surgeries altogether.”

As she thinks about that incredible possibility, and is reminded of this year's 100-year anniversary of women being accepted at the medical school, she is speechless for a time.

“I can't imagine the trials and tribulations that women then had to experience,” she says. “I think while many things have changed, and while in some ways it is easier for women now, some things are still the same, like the elusive life/work balance. I have an incredibly supportive chair in Dr. Regine, and I can't thank him and the department enough for everything. I still see the difficulties that women in medicine face, especially women in academic medicine. And so, knowing that it was even harder for women 100 years ago, the strength that those women must've had is pretty phenomenal.

“It's special to me, that I'm in this position to be able to do this right now.”

Born in Frederick, Md., and raised in Montgomery County, it might have seemed natural for Nichols to consider the University of Maryland for her undergrad work. Instead, she chose to go to Duke University.

“At that point in my life, I certainly wanted to be away from where I grew up, like many young adults. North Carolina was both far enough and close enough to home,” she says.



Still, when it was time to go to medical school, she returned to Maryland, partly because she was paying for it herself and could get in-state tuition, and partly because she knew it was a very good school. Now, 10 years later, she has found everything she wanted in her own backyard.

Her GammaPod involvement started during her residency with a research project that analyzed what the GammaPod could do compared to other radiation technologies—“specifically around partial breast radiation,” says Nichols. The two dosimetric studies showed if radiation therapy was delivered prior to surgery

(instead of after) that less breast tissue would receive radiation and that patient eligibility for partial breast radiation would increase.

That finding led to a study at Maryland “where we delivered radiation therapy prior to surgery,” Nichols continues. “We were surprised to find that about 15 to 20 percent of women had no cancer left behind after they had the radiation prior to surgery.”

Finally the GammaPod received FDA clearance after Nichols completed studies of 15 women who were treated with the device “in a low-risk type of situation to show that it was safe to do so and that it delivered the radiation exactly as was prescribed,” she says.

Now Nichols will be performing a trial where higher doses of radiation prior to surgery will be used in hopes of showing there are even more women who can benefit.

“That's what's really exciting about the GammaPod,” Nichols says. “We've been able to do this stepwise series of studies to really get to the point.”

Nichols, 36, says she received “fantastic training in medical school,” had wonderful mentors and enjoyed being in the school's “very strong” radiation oncology program. It was also a bonus she got in on the ground floor of the GammaPod project and was allowed “to stay around.”

She is now based at the medical center and besides the GammaPod research and working with patients four days a week, she is also the medical director for the center's radiation oncology practice, and the clinical director, overseeing six practice locations around the state.

A mother of four who is married to her high school sweetheart, James Nichols, a lawyer, she has little time for herself, but says she enjoys every moment she spends at home with her family and at work. In fact, it is the closeness she has with her patients that brings her the greatest satisfaction in oncology work.

“You really become a huge part of their lives,” says Nichols. “Some of them tell me their hopes and dreams. So when I can tell them they're cancer-free, that's a very good day. And, for patients who also have metastatic cancers, radiation also plays a role in helping them feel better. To have a patient who is in a lot of pain and to help resolve that pain, that's a rewarding achievement.”

It's one of the reasons her immersion in the GammaPod project has been such a perfect fit. 🏠

She led the research that got FDA clearance for the machine in December 2017, and she will oversee its use on campus and lead a research consortium of other national and international sites that will also soon be offering GammaPod treatment.



## Philanthropy and Entrepreneurial Science

Sometimes, says Christy Osborne, it's important "to invest in the professionals who perform miracles every day."

One of the professionals to which Osborne is referring is **Zhongjun "Jon" Wu, PhD**, the inaugural Peter Angelos Distinguished Professor in Entrepreneurial Surgical Science at Maryland.

In 2016, Osborne and her late husband, Hamish, joined a group of donors—including Thomas and Alice-Marie Hales, The Peter and Georgia Angelos Foundation, and The Abell Foundation—who were banded by a common goal: to make a greater impact by supporting the creation of a professorship. Their gifts were matched through the state of Maryland's E-Innovation Initiative Fund program.

Osborne says the couple was motivated to contribute by the exceptional care that Hamish received in 2013, when undergoing two transplants to battle idiopathic pulmonary fibrosis. The surgery was successful, and Hamish was "given the gift of life" for nearly four more years.

Osborne is very familiar with the impact an endowed professorship can achieve. She and Hamish previously established The Hamish S. and Christine C. Osborne Professorship in Advanced Pulmonary Care, which is currently held by **Aldo Iacono, MD**, medical director of the lung healing program at the R Adams Cowley Shock Trauma Center.



Bartley Griffith, MD

Zhongjun "Jon" Wu, PhD

**"Professorships play a critical role in providing support for retention and recruitment efforts of faculty who are dedicated to improving the health of our patients," Griffith says. Ultimately, they inspire innovative research that can significantly impact patient care.**

During their time at the hospital, the Osbornes met with **Bartley Griffith, MD**, the Thomas E. and Alice Marie Hales Distinguished Professor in Surgery and executive director of the program in lung healing. Griffith told them about his invention, a portable lung for a patient to wear while waiting for a lung transplant. Although Hamish was not able to use the device, the meeting was eye-opening.

"This was our first introduction to entrepreneurial science, a way of thinking outside the box, and we saw the life-saving potential in this kind of thinking," comments Osborne. "Professorships play a critical role in providing support for retention and recruitment efforts of faculty who are dedicated to improving the health of our patients," Griffith says. Ultimately, they inspire innovative research that can significantly impact patient care.

That is especially true in the case of Wu, with whom he has collaborated, in applied research of cardiovascular and pulmonary disease and the development of artificial and other treatment techniques for more than two decades.

### A Tremendous Honor

For Wu, being named the inaugural recipient of the Angelos Distinguished Professorship in Entrepreneurial Surgical Science is a tremendous honor.

Wu joined the department of surgery an assistant professor in 2003. He later founded the artificial organs laboratory and was promoted to full professor in July 2014. Shortly after, he left to join the University of Louisville, where he served as professor

and director of research for the department of cardiovascular and thoracic surgery, before returning to Maryland in 2017.

Wu acknowledges that being offered a professorship played a major role in convincing him to come back from Kentucky.

"I'm an engineer, so to be recognized in such a way was really something," he says.

Wu says the new role has an even deeper meaning for him: It provides an opportunity to do more. "Hopefully, as more people join the effort, we can show what I'm doing right now in cardiac surgery," Wu says, "and we can help more physicians treat patients better and improve the outcomes."

For more information on supporting an endowed professorship, contact **Mary Pooton**, acting assistant dean of development, at 410-706-3901. 🏠



*"With the opening of our new Baltimore office, I recently asked Gary Sorrentino, global head of asset & wealth management client cyber awareness and education, to talk with my team about cybersecurity. A top global cyber expert, Sorrentino provides practical advice to J.P. Morgan employees and clients for mitigating cyber threats and educates them on how they can become a harder target for cyber hackers. Here is part of his presentation:"*

## Cyber Attacks

### Who should be concerned about cyber attacks?

Today, everyone is a target. Wealthy individuals, family offices, medical professionals, hospitals, real estate firms—almost anyone who is online. Hackers are constantly working to steal information that they can use to trick us through phishing emails, impersonating us to our family, friends, colleagues and business partners and trying to deceive us through fraud attempts.

### What's the first line of defense against a cyber attack?

Education and awareness is the first line of defense. It's particularly important to understand the tactics hackers use and then follow simple measures to make oneself a harder target. Simple steps like changing your password from Rover12 to Rover12=Rover12 create a stronger password that is still easy to remember. Always use multi-factor or two-factor authentication; user names and passwords alone are not sufficient anymore.

### How about one or two helpful tips that everyone should do?

Protecting your email is very important. It is the gateway to your online personality, and the place where most cybersecurity issues begin. Every time you send an important document or photo, there is a copy in your sent mail. Information about your family and friends are in your contacts. Whenever you forget a password the reset link goes to your email. Treat email as you do your other important sites and enable as many security features as your provider makes available. Consider creating another email account to use only where you need to provide a user name. Something that does not reveal the identity of the account owner. Be creative—Ihaveagreatgolfswing@email.com.

### 10 Key Cyber Safety Tips

1. Create separate email accounts for work, personal use, alert notifications and other interests
2. Be cautious of clicking on links or attachments sent to you in emails
3. Use secure messaging tools when transmitting sensitive information via email or text message
4. Create strong passwords and change them three to four times a year
5. Do not use the same password for multiple accounts
6. Minimize the use of unsecured, public networks
7. At work, limit web usage to core, business-related sites
8. At home, set up a primary network and a separate one for guests and children
9. Install anti-virus software on all your devices and keep it up-to-date
10. Be prudent in what you share about yourself and your job via social media

"Everyone is vulnerable to fraud and identity theft, regardless of age, education or level of wealth. With data breaches on the rise, individuals and small businesses are increasingly concerned about the consequences of having their information in the hands of cybercriminals. To learn more about J.P. Morgan's cyber and fraud prevention programs, feel free to contact me. J.P. Morgan is committed to safeguarding your data, but clients remain ultimately responsible for ensuring their own cybersecurity." 🏠

In this issue the Medical Alumni Association introduces J.P. Morgan Private Bank as the author of a new column *Managing Money*. J.P. Morgan Private Bank recently opened an office in Baltimore, focusing on helping affluent families and individuals address their long term financial needs. Scott Canuel is the market team lead for the Baltimore office. He is a Certified Financial Planner® and Chartered Financial Analyst. Having worked with private clients for more than 20 years, Canuel has agreed to share his insights covering a wide range of financial topics that are top of mind today.



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## J.P.Morgan

### Disclosure:

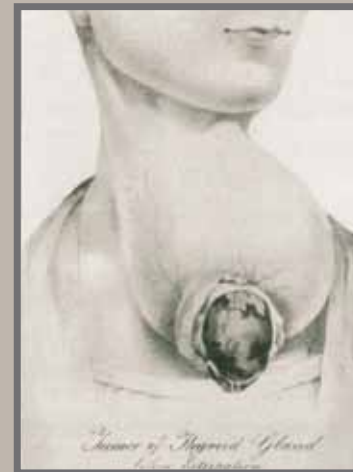
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## 190 Years Ago

In 1828, **Nathan Ryno Smith** was named dean. A leading surgeon of his generation, Smith joined Maryland as chair of surgery in 1827, commencing an eventful 50-year career in Baltimore. Known to his students as "The Emperor," he was the first to resect the parotid gland for neoplasm, and he performed the second operation in the U.S. for removal of a goiter.



## 125 Years Ago

In 1893, **James R. Brown**, class of 1875, head of the genitourinary clinic at Johns Hopkins Hospital, was the first physician to catheterize the male ureter. The procedure was performed at its outpatient clinic and is regarded as a pioneering procedure in the diagnosis and treatment of diseases of the kidney.



## 45 Years Ago

In 1973, **Robert O. Hickman**, class of 1957, invented the Hickman catheter, a long, thin tube made of flexible silicone rubber with as many as three openings, used to deliver multiple intravenous drug regimens to bone marrow transplant patients. It was developed while Hickman was doing consultation work with the Fred Hutchinson Cancer Research Center in Seattle.

### Class Stats

## Entering Class is 60% Female

One hundred fifty-six first-year students reported to Davidge Hall on Thursday, August 9, to begin their educations at Maryland. The make-up of the class of 2022 is consistent with recent trends: it is a female majority and the average scores are again higher than the prior year:

MD Program		MD/PhD Program	
Total Applications:	4,851	Total Applications:	198
Applicants Interviewed:	592	Applicants Interviewed:	37
Acceptances Offered:	311	Acceptances Offered:	28
Class Size:	156	Class Size:	10
Male/Female:	40%/60%		
Resident/Non-Resident:	74%/26%		
Underrepresented in Medicine:	12		
Age Range:	21-33 Years Old		
Colleges/University Represented:	69		
Average GPA			
Science:	3.76		
Overall:	3.80		
Average MCAT Score:	513		
		MD/Master's Program	
		Total Applications:	118
		Applicants Interviewed:	31
		Acceptances Offered:	18
		Class Size:	3



## SAC Gearing Up for Another Year

Five first-year students from the Class of 2022 joined the Medical Alumni Association Student Advisory Council (SAC) in September. The group organizes MAA-sponsored activities for their respective classes during all four years of medical school. The intention is to engage students in activities of the MAA while they are students. This year's recruits include **Malina Howard, Asley Park, Kayla Paulowsky, Hannah Smith, and Jane Wang.**



Back row: Jimmie Frisbie, '21, Jack Siglin, '21 and Elizabeth Herzog, '19; middle row: Arielle Brackett, '20, Kaithyn Coghlan, '20, Esegboria Ikehloa, '19, Alexandra Vlk, '21, Saad Shamshair, '20, Adrianna Lee, '21, Paige Kennedy, '19, and Jackline Lasola, '22; front row: Helen Chung, '20, Ashley Park, '22, Cara Lee, '21, Jang Wang, '22, Kayla Paulowsky, '22, and Malina Howard, '22



# classnotes

**1950s** **1950:** **Mariam S. Daly** lives in the Chelsea Retirement Community in Chelsea, Mich., where she teaches exercise classes to residents. ❖ **Thomas N. Corpening** lives in a retirement community in Spring, Tex. **1953:** **George H. Miller** of Baltimore celebrated his 90th birthday party with his many friends and family. **1955:** **Richard F. Leighton** of Savannah, Ga., is one of five authors of *From Guam and Beyond: Stories of the Men of VW-1* who served in the Pacific Theater from the Korean to Vietnam wars. The book is available on Amazon.



Nelson Goldberg, '73, left, and Andrew Malinow, '81, right, visit with Joseph McLaughlin, center

**1956:** **Joseph S. McLaughlin** was treated to an 88th birthday celebration at his home in Easton, Md., on June 23. More than 100 family, friends, and colleagues attended. ❖ **Charles A. Sanislow** of Midland, Mich., extends greetings and best wishes to classmates. **1957:** **Walter M. Shaw** of Bonita, Calif., reports that all is well in Bonita, and he missed seeing classmates at the last reunion. ❖ **Leonard Zullo** of Wellington, Fla., hunted pigeons on the altiplano of Bolivia in June, following a trip to the lagoons of Nicaragua in January to hunt ducks.

**1960s** **1960:** **Jerome Ross** of Baltimore continues to practice ophthalmology 1½ days per week. He adds that the advances in his field have been mindboggling. Ross continues to enjoy his 1954 Kaiser Manhattan. ❖ **Theodore Zanker** of Cheshire, Conn., is chairman of the Connecticut State Medical Society delegation to the AMA House of Delegates. **1961:** **George E. Bandy** and wife Shirley remain active in retirement with travel and golf. They have three children, six grandchildren, and one great-grandchild. They spend summers in Flagstaff, Ariz., and winters in Scottsdale. **1963:** **Michael Hayes** of Baltimore is working part-time at Maryland, following the gifting of his practice to the institution. So far, Hayes adds, he is enjoying his 80s. ❖ **Mark E. Krugman** of Newport Beach, Calif., is medical director of a utilization management company specializing in plastic surgery and otolaryngology. **1964:** **Gershon J. Spector** is professor emeritus at Washington University in St. Louis and consultant at the John Cochran VA Hospital. **1965:**

**George C. Sjolund, Jr.**, and wife Dionne of Eugene, Ore., report that they are enjoying their days together while still able. **1966:** **J. Martin Barrash** of Houston continues to do evaluations but closed his neurosurgery practice and stopped scrubbing in 2016. ❖ **Stuart L. Fine** and wife Ellie are based in Winton-Salem, N.C., much of the year, living near daughter Karen and her family. She is director of admissions for an independent school in the city. ❖ **Dennis H. Gordon** and wife Judy from Salt Lake City are enjoying life in retirement. ❖ **Jane C. McCaffrey** of Dresden, N.Y., is working part-time in addiction medicine now, since it's the biggest killer of people under age 50. ❖ **C. Downey Price** and wife Edna of Conroe, Tex., recently celebrated their 56th

wedding anniversary and the 46th year of their ophthalmology practice. They began in private practice but now belong to the largest ophthalmology group in the U.S. with 60 ophthalmologists and 16 optometrists. They continue to take medical missionary trips with Benevolent Missions International which they cofounded, and enjoy hiking with their three sons and families. **1967:** **Allan S. Pristoop** of Owings Mills, Md., reports that daughter-in-law Chava Kahn recently returned from another stint teaching and doing surgery in Addis Ababa. She is boarded in OB/GYN and has received several international awards for her work. Her husband, Pristoop's son Rafi, teaches and is an attending at the Washington Hospital Center in Washington, D.C. The two met doing volunteer medical work in Uganda. **1968:** **Todd Clopper** and wife Ronda of Wellesely Island, N.Y., are spending the winter months of November through April in Bonita Springs, Fla., and they invite classmates to visit. **1969:** **John "Dick" McCormick** and wife Karen of De Leon Springs, Fla., are well and continue to enjoy motorcycle travel and camping, often on vintage 70-year-old bikes. They plan to attend the 50th reunion in spring.

**1970s** **1970:** **Donald H. Hislop** and wife Loretta continue to live in Annapolis, Md. Hislop is senior medical examiner for the Federal Aviation Administration. ❖ **C. B. Marek, Jr.**, and wife Nancy of Middle River, Md., have been married for 40 years and continue to enjoy the Chesapeake Bay and Fort Myers Beach with their four grandchildren. **1971:** **Terry Detrich** of Easton, Md., is working at Integrace Bayleigh Chase where they have developed a neuro-cognitive clinic and are starting a stroke rehabilitation program. He is enjoying the new venture and doesn't miss all the hassles of private practice. ❖ **Maury Fradkin** and wife Janice have been living happily in Hilton Head, S.C., since retirement 18 years ago with their children living independently in Denver. ❖ **Burton J. Glass** of East Rockaway, N.Y., is a member of the board of governors for Northwell Health Physician Partners. **1972:** **George A. Metzger** and wife Nancy of Blowing Rock, N.C., made their second RV trip two Alaska in August, taking along with them

their dog. **1973:** **Charles G. Elliott** of Salt Lake City is planning to stand down as chairman of the department of medicine at Intermountain Medical Center. He is professor of medicine at the University of Utah School of Medicine. Elliott received the 2018 scientific achievement award from the Intermountain Research and Medical Foundation. ❖ **Gregory Shankman** of South Palm Beach, Fla., is enjoying retirement on the beach. **1974:** **Dawn Obrecht** of Windsor, Colo., authored *Yes, I Hunt! One Woman's Hunting Adventures*, published by Redemption Press. ❖ **Susan Panny** has moved back to her birthplace—New York City—to be near children and to be a full-time grandma. ❖ **Edward N. Sherman** of Reisterstown, Md., reports the recent birth of his fourth grandchild, Wesley Oliver Wilson. ❖ **David L. Zisow** and wife Marcie of Baltimore report that they are in good health and appreciate and enjoy their retirement years with their nine grandchildren. **1975:** **Louis Fox** of Dallas is officially retired from general and bariatric surgery. **1976:** **Stanley G. Middleton** of Baltimore announces that, in retirement, he's publishing his first book *Kids Shouldn't Know*. ❖ **James Srour** of York, Pa., recently had mitral and tricuspid repair at Maryland and could not be prouder or happier with the care he received. ❖ **Marlene Hayman** of Rockville, Md., has been happily retired for seven years and is doing volunteer work as well as some local theater. She reports that daughter **Kathleen FitzGibbon, '15**, completed her residency in emergency medicine. **1977:** **Richard J. Feldman** of Edgewater, Md., is working part-time in his internal medicine group, looking forward to retirement in 2019. ❖ **Beverli S. Goldberg** of Catonsville, Md., reports that she will graduate next year from the Barbara Brennan School of Healing, a four-year program to teach energy healing techniques. ❖ **Martin Herman**, retired from pediatric emergency medicine since 2015, has relocated to Tupelo, Miss. He and wife Lynette welcomed their sixth grandchild, Austin Douglas Boyle, into the family on June 29. Herman fell in love with the sport of pickleball in 2015 and has been actively promoting, playing, and teaching it. He also enjoys league bowling, league shooting (hand guns), and build-

ing and flying model airplanes. ❖ **Paul A. Offit** of Philadelphia has published another book entitled *Bad Advice: Or Why Celebrities, Politicians, and Activists Aren't Your Best Source of Health Information*. **1979:** **Jeffrey D. Gaber** remains active in the private practice of internal medicine with two offices in Baltimore. He enjoys golf, photography, playing the drums, and running, in addition to spending time with Sharon, his wife of 41 years. ❖ **Owen Lee** and wife Elizabeth of Newark, Ohio, recently celebrated their 40th wedding anniversary. Daughter Jennifer is assistant professor at Wright State Medical School in family medicine. ❖ **Bruce R. McCurdy** and wife Mary Lou are enjoying their retirement in Ocean City, Md. ❖ **Peter E. Rork** of Jackson, Wyo., reports that he recently flew his 10,000th dog to safety through his non-profit foundation Dog is My Pilot. It provides transport for animals at risk for euthanasia.

**1980s** **1980:** **Emily Michelsen** of Davidson, Md., is enjoying travel throughout the world in retirement. ❖ **Roy T. Smoot, Jr.**, of St. Michaels, Md., has finally retired for the last time, stepping down from The Joint Commission International in July. **1981:** **Daniel P. Ferrick** Dixon, Calif., has retired from his family medicine practice. **1982:** **Pedro Arrabal** and wife Claire of Ellicott City, Md., have been married for 38 years. He is director of maternal fetal medicine at Sinai Hospital. Arrabal adds that daughter Ellen is a RN and entrepreneur; son Peter is a fourth-year resident in anesthesia at the University of Cincinnati; and daughter Caroline is a fire-protection engineer. The couple has nine grandchildren. ❖ **Wayne L. Barber** of Owings Mills, Md., reports that son **Gregory** has begun his psychiatry residency at Maryland after graduation in May. ❖ **J. Philip Hall** of Altoona, Pa., is fully retired due to cardiac problems. He and wife Paula are enjoying their three grandchildren. ❖ **Harry Strothers** of Macon, Ga., is professor and chair of family medicine at Mercer University School of Medicine. **1983:** **Protagoras N. Cutchis** of Apex, N.C., reports that daughter Cassi gave birth to healthy twin girls Izzy and Ellie on July 12. **1984:** **Eve Bruce** is medical director of Reconstructive Surgery

Hospital for Doctors Without Borders in Amman, Jordan, treating war-wounded patients from Syria, Yemen, and Iraq. ❖ **Donald M. Beckstead** of Hollidaysburg, Pa., is in his 13th year as program director of the University of Pennsylvania Medical Center Altoona Family Physicians Residency Program. Son David is a biological engineer in Pittsburgh and daughter Amanda is in nursing anesthesia school at the University of Pittsburgh. ❖ **Dale R. Meyer** of Voorheesville, N.Y., is looking forward to seeing a big turnout for the 35th Reunion in spring. **1985:** **Alan R.**



Alan Malouf and Jeff Benner during their ride

**Malouf** of Bethesda, Md., and **Jeffrey D. Benner** of Salisbury, Md., enjoyed this selfie during their 20-mile ride at the Indian River inlet bridge during the month of June. **1986:** **Lee Kleiman** and **Laura Tang** of Severna Park, Md., report that daughter **Hannah, '18**, has begun ER training at St. Luke's Hospital in Bethlehem, Pa. **1987:** **Donald V. Woytowicz, Jr.**, of Wexford, Pa., reports that son Nicholas will graduate from College Park this fall and is considering applying to medical school. Son James is a sophomore at Northeastern University in Boston studying chemical engineering. **1989:** **Michael O. Duhaney** of Verona, N.J., reports that oldest daughter Ariane will graduate in May from the Parsons School of Design, and daughter Alexis is in year two at the University of Miami. Duhaney is director of radiology at Hoboken University Medical Center.



## IN MEMORIAM



**Morton L. Hammond, '42**  
Allergy  
*Palm Beach Gardens, Fla.* ♦ August 1, 2018

Dr. Hammond served his internship at Baltimore's Sinai Hospital before being called into the Army Medical Corps from 1943 to 1946. Hammond was stationed in New Guinea, the Philippines, and other islands in the South Pacific Theater as part of a forward surgical unit where he received five combat stars, three theater ribbons, and a presidential unit citation. He was discharged at the end of the war with the rank of major. Hammond resumed his training, first in pathology at Baltimore City Hospital and afterwards as chief resident in medicine & allergy at Montefiore Hospital in Pittsburgh. He then completed a three-year fellowship in medicine & allergy at the University of Pittsburgh from 1949 to 1952. Hammond moved to Miami where he started the state's first allergy clinic at Jackson Memorial Hospital and also served as clinical professor of medicine at the University of Miami. He was widely published and is credited with developing techniques in allergy management while educating medical and nursing students. Hammond enjoyed reading, travel, and opera. He was preceded in death by wives Beatrice and Irene and is survived by two sons, five grandchildren, and two great-grandchildren.

**Arlie R. Mansberger, Jr., '47**  
Surgery  
*Augusta, Ga.* ♦ July 2, 2018

Prior to medical school, Dr. Mansberger enlisted in the U.S. Army during World War II and ultimately served in both active and reserve duty for 27 years. After the war he began medical school and graduated four years later. He remained at Maryland for training in surgery and was invited to remain on the faculty where he became professor of surgery and head general surgeon. Mansberger was instrumental in the development of Shock Trauma, serving as clinical director from 1963 until 1973 when he was named professor and chairman of surgery at the Medical College of Georgia. He retired in 1991 and became professor emeritus. Mansberger continued teaching until full retirement in 2001. He was author of numerous

journal articles, book chapters, and textbooks. Appointments included editor of *The American Surgeon*, governor of the American College of Surgeons, vice chair of the American Board of Surgery, board member of the American Board of Plastic Surgery, and surgical representative to the American Board of Family Practice. Mansberger was a member of the John Beale Davidge Alliance Elm Society, Maryland's society for major donors. He enjoyed family, travel, and golf. Preceded in death by daughter Ellen, Mansberger is survived by wife Ellen, two children, three grandchildren, and two great-grandchildren.

**Benson C. Schwartz, '48**  
Obstetrics & Gynecology  
*Niceville, Fla.* ♦ February 8, 2018

Dr. Schwartz interned at Sinai Hospital and returned to Maryland for residency training. He practiced in Pikesville. In retirement Schwartz relocated to Boca Raton. He is survived by wife Beverly.

**Marvin J. Rombro, '51**  
Family Medicine  
*Baltimore* ♦ August 2, 2018

Upon graduation Dr. Rombro trained at Lutheran Hospital and practiced his entire career in Baltimore. He enjoyed reading, watching football, and spending time with his family. Rombro was preceded in death by wife Elma and is survived by three children, six grandchildren, and eight great-grandchildren.

**Alvin W. Hecker, '55**  
Pediatric Allergy  
*Pikesville, Md.* ♦ July 15, 2018

Sinai Hospital in Baltimore was the location of Dr. Hecker's internship and residency training, followed by a fellowship at Johns Hopkins. For two years he served as a captain in the U.S. Army stationed in Frankfurt, Germany. Hecker practiced in Glen Burnie for more than 40 years. An instructor at Maryland, Hecker was an attending at St. Agnes, Sinai, and Johns Hopkins Hospitals. A talented violinist, he entertained social groups in Baltimore during his retirement. Preceded in death by wife Adala Lynn, Hecker is survived by three children, and four grandchildren.

**Ronald R. Berger, '57**  
Internal Medicine, Allergy & Immunology  
*Pikesville, Md.* ♦ June 25, 2018

Dr. Berger interned at Union Memorial Hospital in Baltimore and received residency training at Johns Hopkins. He held a teaching appointment at Johns Hopkins and was a member of the staffs at Northwest Hospital and Baltimore County General Hospital. Berger enjoyed travel, photography, and reading medical history. He is survived by wife June, three children, three grandchildren, and two great-grandchildren.

**Morton W. Shapiro, '57**  
Internal Medicine  
*Silver Spring, Md.* ♦ January 18, 2018

After internship at Sinai Hospital in Baltimore, Dr. Shapiro spent two years as a medical officer in the United States Air Force based in Long Island, N.Y. He completed residency training at the Washington Hospital Center in Washington, D.C., before practicing privately from 1963 until retirement in 2000. Shapiro enjoyed painting, tennis, and swimming. Survivors include wife Bernice, three children and six grandchildren.

**Meredith S. Hale, '58**  
Physical Medicine & Rehabilitation  
*Woodland Hills, Calif.* ♦ August 13, 2018

Prior to medical school, Dr. Hale served in the U.S. Army with the occupation forces in Germany. Later, he was a training officer for Korean War inductees. Upon graduation from medical school, Hale returned to the Army and completed his internship at William Beaumont Army Medical Center in El Paso, Tex., and residency training at the Letterman Army Medical Center in San Francisco. Overseas assignments included Alaska from 1959 to 1961, Vietnam from 1965 to 1966, and Tripler Army Hospital in Hawaii from 1967 until retirement from the Army in 1969. Hale settled in Southern California, practicing at Kaiser Permanente, and later as medical director for Rehabilitation Services for Simi Valley Adventist Hospital and Northridge Hospital Medical Center where he also served on the hospital's foundation board. He retired in 1992. Hale had teaching appointments at UCLA and the Veterans Administration

**1990s** **1990: Mary K. Hoffman** has relocated to Southport, N.C., and is enjoying the beach and sunshine.

**2000s** **2000: Dawn DeLavallade** of Winter Garden, Fla., reports that she is thankful to be a part of such as amazing tradition at Maryland. **2002: Eugenia Robertson** of Severna Park, Md., reports that her private practice has moved and continues to evolve, as she now offers concierge-style personalized primary care. **2003: Thomas Dean** and wife Carrie announce two new Dean children: Erika and Vadm. **2004: Christopher R. Hydorn** is a pediatric orthopaedic surgeon with Palmetto Health USC Orthopaedics in Columbia, S.C. For a second year he has travelled on a medical missionary trip to Haiti with the South Carolina Orthopaedic Association. **2006: Tara E. Cook** of Wexford, Pa., joined the faculty of the University of Pittsburgh in the section of palliative care and medical ethics. **2009: Rebecca Wright** and husband Adnaan of Baltimore welcomed Niall Thomas, their second, in June. They add that sister Liyana is thrilled with her new toy.

**2010s** **2010: Jamil Bashir** of Aventura, Fla., announces the opening of Ocyon Regenerative Medicine last year and wishes classmates well. ♦ **Panagis Galiatsatos** of Baltimore was selected as one of Baltimore's Homecoming Heroes. He is co-founder

of Medicine for the Greater Good, a medical initiative where healthcare professionals in training get to know the Baltimore City population and engage with health disparity-related projects. It is ongoing in several residency programs at Johns Hopkins. ♦ **David J. Halpin** of Denver has joined Colorado Heart & Vascular. He and wife Ana adopted Amelia, their first. **2011: Andreas R. de Biasi** is a cardiac surgery fellow at Stanford University following completion of his surgical residency at Cornell. **2012: Alison La Badie** and spouse Kris have moved to Glenside, Pa., to begin as an attending neonatologist at Holy Redeemer Hospital, part of the CHOP NewBorn Care Network. She looks forward to life after fellowship and as much family time as possible with daughter Lucy, who is now three. **2013: Sara W. Coulbourn** and husband Kevin of Cambridge, Md., announce the birth of Charlie, their first. **2014: Nicole Cimino-Fiallos** and husband Jimmy of New Market, Md., are expecting their second. Cimino-Fiallos is board certified in emergency medicine. ♦ **David E. Knipp** and wife Lucy of Cambridge, Mass., are expecting a girl in January 2019. ♦ **Melissa Sieber** works at Ophthalmic Associates in Lansdale, Pa., following completion of a year as chief resident at the Wills Eye Hospital in Philadelphia.

**2018: Sumanth S. Kappalli** and Dipti of Nottingham, Md., were married on June 2 in Chantilly, Va. Attending the event were several graduates from the classes of 2016, 2017, and 2018. 🏠

Front row: Serena Yin, '18, Priya Patel, '18, Sumanth Kuppalli, '18, wife Dipti, Vibha Rao, '18, Brooke Hyman, '18, Nisha Donti, '18; back row: Tara Iyengar, '17, Jeremy Winer, '18, Aurasch Moaven, '19, Christopher Chanoock, '18, Vikas Mishra, '18, Timothy Lancaster, '18, Nuval Cherian, '18, Jennifer Bai, '18, Rupal Jain, '16, and Saikrishna Gourishetti, '18





## IN MEMORIAM



### **Earl F. Shields, '59**

Cardiovascular Surgery  
Naples, Fla. ❖ October 3, 2016

Dr. Shields completed internship and residency training at Akron General Medical Center. He received an additional two-year fellowship at Metro General Hospital and became boarded in general and thoracic surgery. Shields founded the heart and cardiovascular surgery program at Akron General Medical Center which is now part of the Cleveland Clinic. In 1991, he was the youngest member inducted into the center's society for distinguished physicians. Shields retired to Naples, Fla., where he enjoyed golf. He was preceded in death by his first wife Margo and is survived by wife Julie, three children, one stepdaughter, eight grandchildren, and two great-grandchildren.

### **Walter F. Oster, '61**

Anatomic & Clinical Pathology  
Cumberland, Md. ❖ July 10, 2018

Dr. Oster remained at Maryland for internship and residency training, and then spent another two years with the U.S. Public Health Service conducting NIH-sponsored research. While with the service he was chief of the pathology department and held an academic appointment at Maryland. Oster relocated to Cumberland where he served as chief pathologist and director of laboratory services at Western Maryland Regional Medical Center and was a consultant to the surrounding hospitals. He was a member of the 29th division of the Maryland National Guard. Oster enjoyed playing bridge, chess, woodworking, reading, and travel. Survivors include wife Florence, three children, and one grandchild.

### **Leroy L. Merring, '62**

Family Medicine  
Scottsdale, Ariz. ❖ January 11, 2018

After his internship at District of Columbia General Hospital, Dr. Merring remained in Washington for two years with the U.S. Navy. In 1965, he relocated to Phoenix to begin a private practice which continued until retirement in 2004. Merring was also a member of the Arizona Army National

Guard, retiring in 1996 with the rank of colonel. He enjoyed the Phoenix Symphony and Arizona Opera and was active with the American Guild of Organists. Survivors include wife Mildred and two sons.

### **Edward J. Kosnik, Jr., '69**

Neurosurgery  
Columbus, Ohio ❖ June 24, 2018

Dr. Kosnik interned at Columbia Presbyterian Medical Center and completed residency training at Ohio State University. During this time he was a captain in the Ohio National Guard. He served on the staff at Nationwide Children's Hospital for 34 years where he trained generations of pediatric neurosurgeons including his youngest daughter. He held several administrative positions including medical staff president. In 2008, he was named Ohio Neurosurgeon of the Year. Kosnik enjoyed boating, woodworking, and collecting antiques. Survivors include wife Sally, four daughters, and eight grandchildren.

### **A. James Segal, '69**

Ophthalmology  
South Miami, Fla. ❖ January 12, 2018

Montefiore Hospital in the Bronx, N.Y., was the location of Dr. Segal's internship, followed by two years with the U.S. Public Health Service where he served as a general medical officer in Philadelphia and aboard the U.S. Coast Guard cutter Gallatin in the North Sea. He completed training at the Washington Hospital Center and the National Medical Center in Washington, D.C., before relocating to Dade County, Fla., in 1975. He was founder of Medical Eye Associates in South Miami. Segal was a member of the John Beale Davidge Alliance Elm Society, Maryland's society for major donors. Survivors include wife Carol, two children, and two grandchildren.

### **Lawrence N. Thompson, '74**

Tampa, Fla. ❖ January 5, 2018

### **Michael E. Hull, '79**

Emergency Medicine  
Hydes, Md. ❖ February 6, 2018

Dr. Hull remained at Maryland for his residency training as well as a fellowship. He was affiliated with the Johns Hopkins Bayview Medical Center. Survivors include wife Tammie and two children.

### **Frederick W. Schaerf, '83**

Psychiatry  
Fort Myers, Fla. ❖ July 14, 2018

Dr. Schaerf earned a PhD at Maryland prior to receiving his MD in 1983. He received training at Johns Hopkins and was instrumental in starting a psychiatric service there dedicated to the care and treatment of those infected with the HIV virus. Certified in adult, forensic, and geriatric psychiatry, Schaerf relocated to Fort Myers in 1989 and established Neuropsychiatry Associates of Southwest Florida, providing care to more than 28,000 patients over a 28-year period. In addition, he founded the Neuropsychiatric Research Center of Southwest Florida, an internationally acclaimed clinical research site specializing in Alzheimer's disease. Schaerf enjoyed boating, snow skiing, collector cars, and traveling. Survivors include wife Melissa and two children.

## Faculty

### **Edson X. Albuquerque, MD, PhD**

Pharmacology  
Baltimore ❖ July 22, 2018

Dr. Albuquerque joined Maryland's faculty in 1974 as professor and chair of the department of pharmacology and experimental therapeutics. Born in Recife, Pernambuco, Brazil, he earned his medical degree from the Federal University of Pernambuco School of Medicine in 1959, and his PhD in physiology and pharmacology from Escola Paulista de Medicina in Sao Paulo, Brazil, in 1962. Prior to joining Maryland, Albuquerque was a Buswell Fellow at the University of Buffalo. He studied the effects of different toxicants, including lead and organophosphorus compounds, nerve agents, and insecticides on neuronal functions *in vitro* and *in vivo*. Albuquerque researched nicotinic and glutamatergic synapses in the central nervous system as well as several pathological conditions. This research laid the groundwork for development of a new class of drugs—nicotinic allosteric potentiating ligands, of which galantamine is the prototype—for the treatment of Alzheimer's disease. Most recently, he served as division head of translational toxicology in the department of epidemiology & public health. Survivors include wife Edna F. R. Pereira, PhD, and four children. 🏠

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