

INSIDE FALL 2015

5

Propelling therapeutics progress

8

A van for all seasons

9

Reconnecting at Reunion

The Warren Alpert Foundation's \$20 million gift enriches decades-long partnership

The Warren Alpert Foundation and Harvard Medical School have a partnership that spans decades.

The foundation's namesake, Warren Alpert, MBA '47, was a successful philanthropist and entrepreneur whose relationship with Dean Daniel C. Tosteson, MD '48, inspired the creation of The Warren Alpert Foundation Prize—administered by HMS to recognize the world's foremost physician-scientists dedicated to preventing, curing, or treating human diseases—and the naming of the Warren Alpert Building on the HMS quadrangle. Since then, the foundation has established a professorship in basic research and supported an array of initiatives at the School.

After Alpert's passing in 2007, his nephew, Herbert M. Kaplan, and great-niece, Bevin Kaplan, have continued his philanthropic legacy through the foundation. Motivated by *The World Is Waiting: The Campaign for Harvard Medicine*, the foundation is reinvesting in HMS's mission with a \$20 million gift that embodies the School's priorities of service, discovery, and leadership.

"While we would like to think of ourselves as consistently loyal supporters of HMS, it had been nearly a quarter of a century since we had shown our dedication in a major way," says Bevin Kaplan, director and vice president of The Warren Alpert Foundation and a member of the HMS Board of Fellows. "It is my sincere hope that more people will recognize the immense value for all of humanity in supporting this exceptional institution."

Dean Jeffrey S. Flier, MD, says the foundation is an integral part of HMS's past, present, and future. "We are deeply grateful to the leadership of The Warren Alpert Foundation for its generosity and longstanding friendship with the School. We are excited for the opportunity to continue to share our work, our passion, and our vision."

Transforming Health Systems

A professorship in the Department of Health Care Policy will be established with \$5 million of the gift. Initially named The Warren Alpert Foundation Professorship in Health Care Policy, the professorship will ultimately be renamed in honor of Ridley Watts Professor and Department Chair Barbara J. McNeil, MD '66, PhD '72, after her retirement. Appointment to an endowed professorship is the highest honor that Harvard confers on faculty members, and the inaugural incumbent will be a policy leader on the department's



HMS Board of Fellows members Bevin Kaplan and her father, Herbert M. Kaplan, who are continuing the philanthropic legacy of Warren Alpert, MBA '47

faculty who has dedicated his or her career to improving health care systems worldwide.

"Dr. McNeil has been on the scientific advisory board for The Warren Alpert Foundation Prize for ages and has always been a strong advocate for our foundation. Similarly, we have supported her work and continue to admire her tenacity, spirit, and profound humility. This professorship honors our commitment to her initiatives and also speaks to our belief that this area of research should be prioritized, both at HMS and beyond," explains Bevin Kaplan.

McNeil says that having a professorship in her name is a great honor for her and her family, symbolizing the important role that HMS has played in her life since she was a first-year medical student here. "I am personally gratified that the professorship has come from The Warren Alpert Foundation. The foundation has been extremely generous to HMS over the years in the basic sciences, and it is wonderful that they have endowed a professorship in one of the social sciences."

Advancing Lifesaving Cures

The foundation has earmarked \$7.5 million to establish The Warren Alpert Foundation Discovery Fund for Immunologic Research. Under the direction of Flier, the fund will advance pathbreaking immunological investigations at HMS. Bevin Kaplan hopes this gift will have tremendous impact toward improving human health for future generations, specifically by advancing treatments and cures

for many autoimmune diseases. "When it came to structuring this gift, I thought a great deal about what my great-uncle Warren Alpert would have wanted," explains Bevin Kaplan. "He demanded tangible results, both in business and in medicine, and he was always one to focus on discovery with the promise of a preventive treatment or cure. This gift is absolutely infused with his spirit."

Incubating Innovation

Finally, The Warren Alpert Foundation Dean's Leadership Fund will be established with \$7.5 million. This current-use fund will provide vital and substantive latitude to Dean Flier to advance the School's foremost priorities and strategic needs.

"When you believe in Dean Flier's overarching vision, the most visible and bold declaration of this belief is a substantial contribution to his discretionary fund. It's a way to reward someone who is doing a brilliant job, who has shown unwavering loyalty and mutual respect for our own goals, and who is leading the most important research institution in the world with immense competence and grace," says Bevin Kaplan.

Flier says these flexible resources will inspire out-of-the-box thinking and partnerships. "HMS is a powerful engine fueled by new ideas. The Warren Alpert Foundation understands that unrestricted gifts will allow the School to continue to invest in the ideas that will have the greatest potential to alleviate human suffering caused by disease."

Jeffrey S. Flier, MD

Dean of Harvard Medical School

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Dear Friends,

Our fiscal year came to a close June 30, and what an incredible year it was. The highlight was the launch of *The World Is Waiting: The Campaign for Harvard Medicine*, which aims to help people throughout the world live longer, healthier lives. I am pleased to report that as of June 30, 2015, we have raised more than \$461 million toward our \$750 million goal.

In this issue of *The Benefactor*, we celebrate our generous alumni, board members, volunteers, foundations, corporations, and friends whose support is propelling our four Campaign priorities: education, discovery, service, and leadership.

Our cover story celebrates a momentous \$20 million gift from The Warren Alpert Foundation. This gift boosts our work in three areas: advancing immunology research, establishing a professorship in the Department of Health Care Policy, and providing critical unrestricted support for Dean Jeffrey S. Flier, MD.

A \$2 million gift from an anonymous donor is supporting the Master of Medical Science in Global Health Delivery program. Campaign Chair Joshua Boger, AM '75, PhD '79, and his wife Amy, AB '77, MD, are celebrating and propelling the pace of progress of the Harvard Program in Therapeutic Science (HiTS) with their second \$1 million gift. A gift from fellow Therapeutic Science Advisory Council member Jean-Pierre Sommadossi, PhD, and his wife, Marina Bozilenko, also advances the work of HiTS.

Finally, we are grateful to the cadre of HMS alumni—including Senator William H. Frist, MD '78, and his wife, Tracy; Martin R. Prince, MD '84; Robert Stenson, MD '65, and his wife, Jane; and Alan C. Yeung, MD '84, and his wife, Elene Lee—who have made leadership gifts in support of the Campaign.

Thank you for your enduring support of our mission and work. Learn more about our Campaign and how you can get involved at hms.harvard.edu/campaign.

Sincerely,

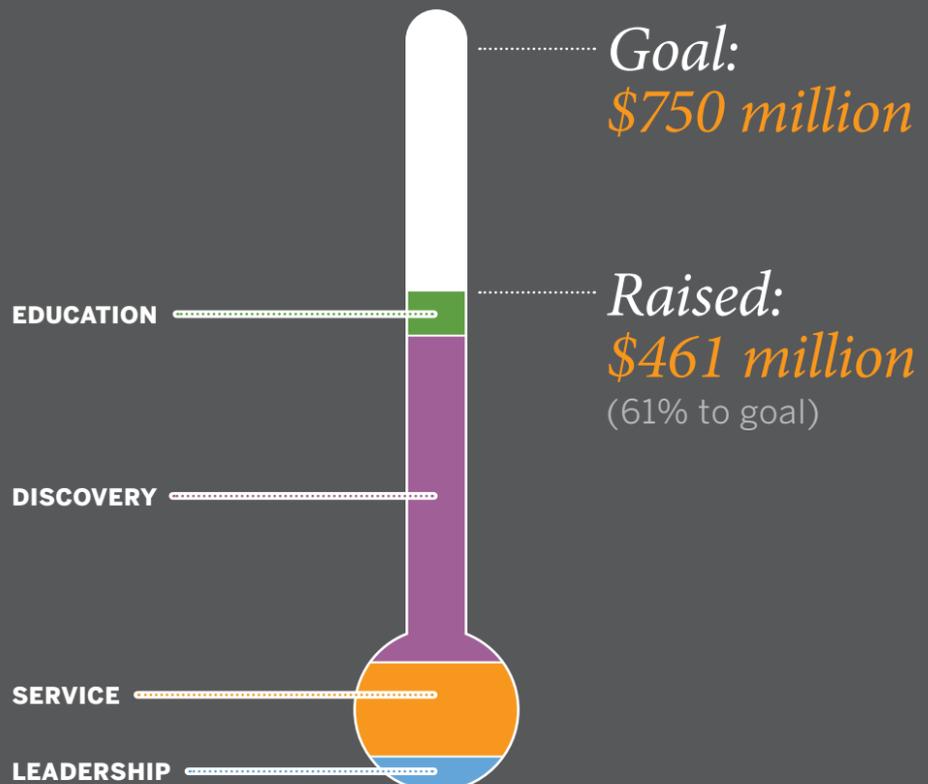
Lisa J. Boudreau

Interim Dean for Resource Development



HARVARD
MEDICAL SCHOOL

THE WORLD IS WAITING
THE CAMPAIGN FOR HARVARD MEDICINE



Campaign Progress: As of June 30, 2015

Massive boost for master's program in global health delivery

Delivering health care that addresses the burden of disease faced by the world's poor is a relatively new endeavor. In the recent past, public health projects in resource-limited settings focused largely on prevention, involving few health professionals, clinics, or hospitals. Yet these men, women, and children suffer and die from a variety of diseases and conditions—from HIV/AIDS and tuberculosis to fractures and heart failure. The emerging discipline of global health delivery seeks to understand how to deliver high-quality care to those with the greatest need.

Harvard Medical School has been a leader in the field of global health delivery through its concentrated focus on education, research, and strategic partnerships. In 2012, the School launched the new Master of Medical Science in Global Health Delivery (MMSc-GHD), thanks to the generous support of Stephen A. Kahn, MD '99. This two-year degree program supports those engaged in care delivery to become researchers, scholars, and leaders in global health. Through classroom instruction and hands-on, mentored research projects in the field, these graduate students design, implement, and evaluate programs to deliver care.

Now the MMSc-GHD program is getting a massive boost, thanks to a \$2 million gift from an anonymous donor. "This generous gift will help us to educate a new generation of leaders who are equipped to address the most pressing challenges in global health delivery and improve access to care for the world's most vulnerable," says Joia Mukherjee, MD, MPH '01, director of the MMSc-GHD program and of the Program in Global Medical Education and Social Change at HMS, associate professor of medicine in the Division of Global Health Equity at Brigham and Women's Hospital (BWH), and chief medical officer at Partners In Health (PIH).

Measuring Success

According to Mukherjee, the MMSc-GHD program seeks to grow an international cadre of global health leaders who can design, implement, evaluate, and disseminate best practices to deliver health care to the most vulnerable populations around the world.



Left to right: Paul Farmer, MD '90, PhD '90, chair of the HMS Department of Global Health and Social Medicine, celebrates the 2015 graduates of the Master of Medical Science in Global Health Delivery with Program Manager Christina Lively, EdM '06; Nadege Belizaire, MD, MMSc '15; Davis "Mac" Stephen, MD '15, MMSc '15; Ariel Wagner, MD '15, MMSc '15; MMSc candidate Monica Gonzalez-Bunster; Noel Kalanga, MD, MMSc '15; Program Director Joia Mukherjee, MD, MPH '01; Jafet Arrieta, MD, MMSc '15; and Dean for Basic Science and Graduate Education David Golan, AB '75, MD, PhD

Even at this early stage, its graduates have taken leadership positions in the field. Fernet Léandre, MD, MMSc '14, is launching a department of global health and social medicine, modeled after HMS's, at the National Medical School in Haiti, while continuing his work as co-executive director of Zanmi Lasante, PIH's sister organization in Haiti. Melino Ndayizigiye, MD, MMSc '14, of Burundi, is working on a national effort to improve care for non-communicable diseases in Lesotho.

Kobel Dubique, MD, MMSc '14, of Haiti, is senior medical director of the non-governmental organization Haiti Clinic and a health advisor for the Haiti Ministry of Health at Corail-Celesse, a camp for international displaced persons. Shruthi Rajashekara, MD '14, MMSc '14, who researched food-access issues in the Navajo Nation for her thesis, contributed to a new book edited by Louise Ivers, MD, MPH '05, associate professor of medicine

at HMS and senior health and policy advisor for PIH, entitled, "Food Insecurity and Public Health."

"The MMSc-GHD program seeks to build capacity by educating people from resource-poor settings so they can return to their countries and lead positive change," says Kolokotronis University Professor Paul Farmer, MD '90, PhD '90, chair of the Department of Global Health and Social Medicine at HMS, chief of the Division of Health Equity at BWH, and co-founder and chief strategist at PIH. "Private funding, such as this generous gift, has been absolutely critical to the program, making it possible for global health practitioners from places such as Burundi, Haiti, Malawi, Myanmar, and Sierra Leone to come to Harvard for their graduate education."

 [Learn more about the MMSc-GHD program at vimeo.com/51534253](https://vimeo.com/51534253)

EZEKIEL HERSEY COUNCIL DINNER HONORS MEMBERS' FORESIGHT

Harvard Medical School's distinguished Ezekiel Hersey Council (EHC) includes more than 600 members from around the world who have made investments in education, discovery, service, and leadership by establishing life income gifts or including HMS in their estate plans.

In May, Council Chairman Jordan J. Cohen, MD '60, welcomed members and guests to the 25th annual event, which was held at the State Room in Boston. The venue offered a breathtaking backdrop for the dinner, which recognizes members for their foresight, generosity, and loyal commitment to HMS.

The evening's panel, "Precision Medicine: From the Lab Bench to the Patient Bedside," was moderated by Nancy J. Tarbell, MD, dean of academic and clinical affairs and the C.C. Wang Professor of Radiation Oncology, and included a lively discussion with George M. Church, PhD '84, Robert Winthrop Professor of Genetics and founder of the Personal Genome Project, and Isaac S. Kohane, MD, PhD, chair of the Department of Biomedical Informatics and professor of pediatrics and health sciences and technology at HMS.

Right (left to right): Tarbell, Church, and Kohane treated guests to a thought-provoking discussion about the power and potential of precision medicine.



Annual gifts make potent impact



Eighty percent of HMS students receive need-based financial aid, thanks in large part to the generosity of alumni and friends

Annual gifts to Harvard Medical School from generous alumni and friends provide the critical resources needed to train the next generation of leaders in science and medicine, illuminate the cause of disease and advance lifesaving cures, build health equity and transform health systems, and incubate innovation and pilot change worldwide.

Throughout fiscal year 2015, 3,300 alumni and friends collectively gave \$4.6 million—representing gifts of less than \$100,000—to further HMS’s education, discovery, service, and leadership initiatives.

This total reflects several core initiatives, including the Alumni Fund, class scholarship funds, Board of Fellows Annual Fund, Advisory Council Opportunity Funds, Joseph B. Martin Amphitheater Chairs Program, as well as gifts designated to the Family Van, Francis A. Countway Library of Medicine, and the Harvard/MIT MD-PhD program, among others.

Paying It Forward

Alumni are exemplars of HMS’s mission in action. This year, gifts from 2,400 alumni totaled more than \$2.5 million, representing the largest source of current-use support for the School. Annual gifts

to the Alumni Fund, class scholarship funds, and in celebration of Reunions (see story on page 9) make up the majority of this total. In addition, 400 alumni made Dean’s Council-level commitments of \$2,000 or more, totaling \$1.1 million.

Alumni participated in the Match Day Challenge, for which Mitchell T. Rabkin, AB ’51, MD ’55, and Edward L. Dubrow, MD ’65, matched all new alumni gifts—dollar-for-dollar—during a one-week period. This effort raised more than \$75,000 for student support.

“One of the ways the Alumni Fund advances HMS’s mission is by helping to ensure that the best and brightest students are admitted regardless of their ability to pay, and that they receive an exceptional medical education that they can pay forward in the future,” says Beth Y. Karlan, AB ’78, MD ’82, chair of the Alumni Fund from 2012 to 2015.

Advisors and Philanthropists

As leaders, advisors, and ambassadors of HMS, members of the Board of Fellows and advisory councils play a powerful role in advancing the School’s mission to alleviate human suffering caused by disease.

In fiscal year 2015, the Board of Fellows Annual Fund raised nearly \$600,000, including generous, unrestricted gifts of \$50,000 from Board Chairman John W. Rowe, MD, and members M. Lee Pearce, MD, Henri A. Termeer, and Gwill E. York, AB ’80, MBA ’84. These gifts provide Dean Jeffrey S. Flier, MD, the flexibility to continue to innovate and take advantage of new opportunities that arise.

Advisory council members—representing the areas of education, global health, health care policy, genetics, neurobiology, systems biology, and therapeutics—gave more than \$600,000, including commitments of \$50,000 from Arthur Ullian to advance neuroscience research and York to propel systems biology research, and \$100,000 from Jean-Pierre Sommadossi, PhD, for therapeutics (see story on page 11).

“One of Harvard Medical School’s greatest strengths is our ability to bring together great minds to address issues head-on as we seek solutions for the biggest medical challenges of our time,” says Flier. “Our board and advisory councils exemplify this strength, and their generosity advances our work to improve human health everywhere.”

THREE HEALTH CARE LEADERS JOIN HMS BOARD OF FELLOWS

The Harvard Medical School Board of Fellows welcomes three members this year, including (clockwise from top left): Margaret A. “Peggy” Hamburg, AB ’77, MD ’83, who recently completed a six-year tenure as commissioner of the U.S. Food and Drug Administration and previously served as senior scientist at the Nuclear Threat Initiative and assistant secretary for policy and evaluation in the U.S. Department of Health and Human Services; Elizabeth A. Holmes, founder and CEO of Theranos, a consumer health technology company whose mission is to make actionable information accessible to everyone and whose clinical laboratory offers comprehensive lab tests from samples as small as a few drops of

blood at low prices; and Phillip T. “Terry” Ragon, the founder, owner, and CEO of InterSystems—a company that develops advanced software technologies that enable breakthroughs and provide data management, strategic interoperability, and analytics platforms used in health care and other industries—and who established the Ragon Institute of MGH, MIT, and Harvard in 2009.

The Board of Fellows is composed of leaders with expertise in science, medicine, health care, finance, management, and marketing. Members are appointed, advise Dean Jeffrey S. Flier, MD, and help develop and implement strategies for financing educational and research programs at HMS.



Success breeds success for Harvard Program in Therapeutic Science

What impresses Joshua Boger, AM '75, PhD '79, most about the Harvard Program in Therapeutic Science (HiTS)? It's the rapidity of progress. The goal of the program, which was established at Harvard Medical School in 2013, is to rethink the basic and clinical science needed to discover, develop, and deliver better drugs.

In less than two years, HiTS has grown from one employee to 86; opened its flagship Laboratory of Systems Pharmacology; secured \$40 million in federal funding from the National Institutes of Health, Defense Advanced Research Projects Agency, U.S. Food and Drug Administration, and U.S. Department of Energy; and conducted fundamentally new science with faculty, fellows, and students from five partner institutions, including MIT, Tufts, and HMS affiliates Brigham and Women's Hospital, Dana-Farber Cancer Institute, and Massachusetts General Hospital.

Impressed with this trajectory, Boger and his wife, Amy, AB '77, MD, recently made their second \$1 million gift to continue the program's incredible momentum.

"One of the distinguishing characteristics of business people is they invest in strength. So when I see the progress made by HiTS, I want to invest more," says Joshua Boger, founder and former CEO of Vertex Pharmaceuticals, chair of *The World Is Waiting: The Campaign for Harvard Medicine*, and a member of the HMS Board of Fellows. "They have spent about half of our first gift to date, and I didn't want them to look at the remaining half and think they had to slow down."

Looking Ahead

For HiTS Head Peter Sorger, AB '83, PhD, Otto Kraye Professor of Systems Pharmacology at HMS, and Executive Director Laura Maliszewski, PhD '09, the Bogers' gift comes at a pivotal time. Their three priorities for the coming year are to recruit a faculty



Joshua Boger, AM '75, PhD '79 (left), who celebrates the opening of the Laboratory of Systems Pharmacology with (left to right) former Massachusetts Life Sciences Center President and CEO Susan Windham-Bannister, HMS Dean Jeffrey S. Flier, MD, Harvard Program in Therapeutic Science (HiTS) Executive Director Laura Maliszewski, PhD '09, and HiTS Head Peter Sorger, AB '83, PhD

director for the Program in Regulatory Science; launch a new Master of Medical Science degree in Therapeutics; and expand research collaborations with faculty across the Quad, HMS-affiliated hospitals, and other area universities.

"Our primary mission is to imagine how drug discovery and therapy might be improved and to train the next generation of scientists who will apply quantitative measurement and advanced computation to the field of pharmaceutical development," says Maliszewski. "Our students, postdocs, and clinical fellows are becoming bilingual—literate in both molecular biology and mathematical modeling. They will be the ones who realize the promise of precision medicine."

"This gift is an endorsement by one of the giants of biotech who believes strongly in the promise of therapeutic science at Harvard and whose continued support and guidance have been instrumental as we attempt to transform the science of drug development," says Sorger.

Joshua Boger says that it is Harvard's strength that makes this such a compelling investment. "If you want progress, Harvard is the best place to invest—especially when it comes to basic medical research and in the translation of that research to help those who are waiting for it. This is the strongest institution in the world."

WILSON NAMED MARTIN FAMILY PROFESSOR OF BASIC RESEARCH

Rachel Wilson, AB '96, PhD, associate director of the Harvard Medical School Program in Neuroscience and co-director of the HMS graduate course in neural circuit analysis, has been named the inaugural incumbent of the Martin Family Professorship in Basic Research at HMS.

The professorship is made possible through The Warren Alpert Foundation, led by longtime benefactors and Board of Fellows members Herbert M. Kaplan, president and chairman of The Warren Alpert Foundation, and his daughter, Bevin Kaplan, director and vice president of The Warren Alpert Foundation. The professorship honors Joseph B. Martin, MD, PhD, Edward R. and Anne G. Lefler Distinguished Professor of Neurobiology, who served as dean of HMS from 1997 to 2007.

Upon Martin's retirement, the professorship will be renamed the Joseph B. Martin Professorship in Basic Research.

Wilson works with fruit flies to understand how sensory information is processed by neural circuits and to describe the mechanisms that underlie sensory processing. Wilson's innovative research earned her a MacArthur Fellowship in 2008, the Young Investigator Award from the Society for Neuroscience in 2010, and the Blavatnik Award for Young Scientists in 2014.

Below (left to right): Dean Jeffrey S. Flier, MD, Wilson, Martin, and Bevin Kaplan celebrate the establishment of the professorship.





WHOM WILL YOU HONOR?

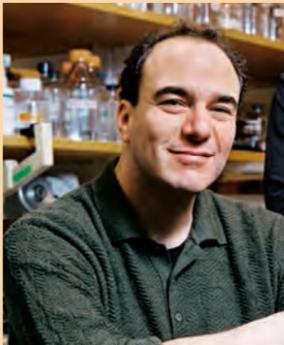
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In brief

The following grants directly support Harvard Medical School faculty members in their work to alleviate human suffering caused by disease.

Charles J. Weitz, AB '77, MD, PhD, the Robert Henry Pfeiffer Professor of Neurobiology at Harvard Medical School, has received more than \$1 million from the **G. Harold & Leila Y. Mathers Foundation** to advance research into the mammalian circadian clock. This grant provides three years of renewed funding to better understand PERIOD protein complexes—core genes in the circadian clock—and ultimately lead to a deeper understanding of this fundamental biological-timing system.



Dimitry Ofengeim, PhD, a research fellow in the Department of Cell Biology, has received more than \$580,000 from the **National Multiple Sclerosis Society** to explore the RIP1 kinase as a novel target to inhibit neuroinflammatory disease. Additionally, the organization has given more than \$175,000 to support work by Frank Schildberg, PhD, a research fellow in the Department of Microbiology and Immunobiology, to understand protein PD-L1 and its effects on the immune system.

The **Laura and John Arnold Foundation** has given an additional \$690,000 to support the new Health Care Markets and Regulation Lab, which was launched with an initial grant of nearly \$10 million. Under the direction of Michael Chernew, PhD, the Leonard D. Schaeffer Professor of Health Care Policy at HMS, the lab aims to provide the critical evidence and tools necessary to generate high-quality health care at a sustainable cost.



A \$574,000 grant from the **Howard Hughes Medical Institute** (HHMI) under the direction of Walter B. Cannon Society Master Gordon Strewler, MD '71, supports medical student research through the HHMI Medical Research Fellows Program.

Sun Hur, PhD, associate professor of biological chemistry and molecular pharmacology, is the recipient of an Investigator in the Pathogenesis of Infectious Disease Award from the **Burroughs Wellcome Fund**. This \$500,000 grant bolsters her work into the discovery of novel antiviral effector-like functions of genes RIG-I and MDA5.

Joan Brugge, PhD, Louise Foote Pfeiffer Professor of Cell Biology at HMS and co-director of the Ludwig Center at Harvard, has received nearly \$370,000 from the **Dr. Miriam and Sheldon G. Adelson Medical Research Foundation** to support the development of effective combination therapies for high-grade serous ovarian cancer.



The **Council on Library and Information Resources** has given more than \$367,000 to Kathryn H. Baker, deputy director of the Center for the History of Medicine at the Francis A. Countway Library of Medicine, for her project entitled, "Bridging the research data divide: Rethinking long-term value and access for historical and contemporary maternal, infant, and child research data."



The **Aetna Foundation** has given an additional \$341,000 to support the Aetna Research Collaboration, which was established in 2011 under the direction of Isaac Kohane, MD, PhD, chair of the Department of Biomedical Informatics. The collaboration is focused on analyzing health care data in new ways to further clinical research and improve the quality and affordability of health care.

The **American Cancer Society** has given \$327,000 to support the work of research fellows Kyle Vrtis, PhD, and Sejal Vyas, PhD, to explore the BRCA1 gene and SIRT4 protein, respectively, which are implicated in the formation of numerous forms of cancer.

The **Louis E. Wolfson Foundation** has given nearly \$300,000 to help HMS students with demonstrated financial need to pay for tuition through institutional loans. For more than 30 years, the Wolfson Foundation has given nearly \$10 million to support deserving HMS students.



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Frist helps future generations soar

Senator William H. Frist, MD '78, says candidly that his Harvard Medical School experience guides him daily. From enabling the curious mind, challenging disease hypotheses and scientific principles, and communicating findings to being held accountable for research and figuring out how to scale his findings to have maximum societal impact, he says the seeds were planted at HMS.

“These are the principles that I have carried through my life, whether it’s transplanting lungs, crafting legislation on the floor of the Senate, designing business solutions to big health challenges, or addressing HIV globally,” says Frist.



Senator William H. Frist, MD '78 (left), leading a medical mission at Tenwek Hospital in Bomet, Kenya

Now, in addition to devoting his time and talents to HMS as a member and former chairman of the Board of Fellows, member of the Campaign Steering Committee, and co-chair of the Global Health



Senator William H. Frist, MD '78 (right), and his wife, Tracy, with Board of Fellows Chair John W. Rowe, MD (left), and Dean Jeffrey S. Flier, MD, at the launch celebration of *The World Is Waiting: The Campaign for Harvard Medicine*

Advisory Council, Frist and his wife, Tracy, have given an initial \$100,000 to support *The World Is Waiting: The Campaign for Harvard Medicine*.

“The return of time and money to Harvard Medical School is personally a no-brainer,” he says. “It makes perfect sense that my wisest investment is to maximize the chance that lots of other students will have the same opportunities that were afforded

to me. HMS is the best bet if one wishes to see future generations soar.”

Dean Jeffrey S. Flier, MD, is happy to have Frist in the School’s corner. “Bill is an exemplar of Harvard Medical School’s mission in action. We are forever grateful for his dedicated service, philanthropic support, and passionate advocacy toward ending human suffering caused by disease.”

Helping to ease the student debt burden

Since 1782, Harvard Medical School has set the standard for medical education. Here, gifted scholars learn alongside more than 12,500 faculty to create and nurture a diverse community of the best people committed to alleviating human suffering caused by disease. HMS is dedicated to protecting this unparalleled training environment by continuing to welcome the most promising students, regardless of their ability to pay for the rising cost of a top medical education.

Thanks to a shared commitment by many alumni and friends, HMS is taking a leadership role toward maintaining one of the lowest levels of graduating debt among top medical schools. One such alumnus, Alan C. Yeung, MD '84, deeply understands the influence of student debt and is committed to helping HMS combat this trend. “High debt levels can impact the evolution of a student’s career,” says Yeung. “I want to encourage students to pursue their

passions in health and medicine, not simply high-earning subspecialties.”

Through a gift of \$400,000, Yeung and his wife, Elene Lee, are providing scholarship support to one or more deserving medical students at HMS, allowing them the flexibility to enter any field they choose without financial strain. In particular, Yeung hopes that students will consider clinical research, an area that he believes is key to redefining the overall shape of the world’s health care.

“Strong alumni support remains one of the School’s most steadfast and proud traditions. We are so thankful to Alan Yeung and Elene Lee, whose generosity helps ensure that HMS can continue to innovate and train the next generation of medical healers and scientific leaders,” says Edward M. Hundert, MD '84, dean for medical education.



Alan C. Yeung, MD '84, and his wife, Elene Lee, whose generous gift demonstrates a commitment to make medical education affordable and accessible

“I want to encourage students to pursue their passions in health and medicine.”

—Alan C. Yeung, MD '84

ALUMNI COUNCIL ELECTION RESULTS

This past spring, Harvard Medical School graduates cast their votes during the annual Alumni Council election. Michael Lacombe, MD '68 (below), a cardiologist at MaineGeneral Medical Center, begins his one-year term as president, alongside two new officers and three new councilors.

Newly elected officers include President-Elect Lisa Petri Henske, MD '85, director of the Center for LAM Research and Clinical Care at Brigham and Women's Hospital, and Treasurer Philip Landrigan, MD '67, MSc, dean for global health at Mount Sinai School of Medicine.

Newly elected councilors, representing the Second, Fifth, and Ninth Pentads, respectively, are Tami Tiamfook-Morgan, MD '04, attending emergency physician at Carroll Hospital Center in Westminster, Md.; Louise Aronson, MD '92, professor of geriatrics at the University of California, San Francisco; and James Doroshov, AB '69, MD '73, deputy director for clinical and translational research at the National Cancer Institute, which is part of the National Institutes of Health.



A van for all seasons, a model for community health

The field of mobile health may seem relatively new. But the Family Van has been providing care where people work, live, and play in Boston's neighborhoods for 22 years. Operated by Harvard Medical School, it has emerged as a pioneer in mobile health care delivery and has proven to be a leader in research and training. The program is recognized both locally and nationally for promoting wellness, managing chronic illness, and building healthy communities.

Designed in partnership with the community members it serves, the Family Van brings free care to neighborhoods that are designated as medically underserved and have the highest rates of preventable disease and hospitalization. Its integrated care team, which includes HMS students, provides curbside testing, education, and screening—from blood pressure, glucose, and heart health to vision, sexually transmitted diseases, and HIV—as well as health coaching, counseling, and referrals for follow-up care and social services.

"By traveling directly to areas where the need is greatest and fostering an atmosphere of trust, the Family Van removes barriers to care and improves the health of its clients," says Jennifer Bennet, the van's executive director.

Last year, 12 percent of the van's clients learned they had previously undiagnosed illnesses, including high blood pressure, diabetes, and glaucoma. Half of the regular clients who were diagnosed with a health issue on their first visit had controlled the condition by subsequent visits. And according to Mobile Health Map research, every dollar spent on mobile health interventions saves an estimated \$23 based on the long-term health care savings provided through prevention and avoided emergency room visits.

According to Bennet, one of the biggest challenges facing the Family Van is funding. Outside of financial support from HMS, the van relies on philanthropy and grant funding to bring its mission to life. A gift of \$400,000 from an anonymous donor, who was motivated by the launch of *The World Is Waiting: The Campaign for Harvard Medicine*, is helping to support the van's critical operations.

"This generous gift demonstrates a strong belief in the mobile model of care and supports vital operational costs and research, impacts the health and wellness of thousands of local residents, and advances our understanding of this vital piece of our health care system," says Bennet.



Family Van Executive Director Jennifer Bennet (second from right) with staff members (left to right) Grants Manager Mary Kathryn Fallon, Program Coordinator Lunecce Eligene, Community Health Worker Ghislaine Firmin, and Manager of Direct Service Rainelle Walker-White

Supporting the source of innovation

Harvard medical students are a great source of ideas and innovation. They operate on the cutting-edge across many disparate fields and bring a fresh perspective to the unsolved mysteries of science and medicine.

Martin R. Prince, MD '84, is not surprised that medical students stand at the forefront of scientific discovery, and he is working to bring more attention and resources to those who have big ideas.

"There has been a tendency for innovations to be credited to more senior faculty who know the process of publication, patenting, and presentation," says Prince. "It is my goal to increase the awareness that students are often the source of innovations."

To achieve this goal, he has established the Prince Scholarship for Student Innovation with a generous gift of \$500,000. The fund provides scholarship support to students who have proposed or developed a new medical device or a unique application of medical technology.

Prince says HMS gave him the tools to take on greater challenges and the poise to remain confident in the face of criticism or when challenging the status quo. He hopes that his scholarship reinforces those teachings and supports medical students as they take their ideas to a higher level of recognition.

"One of the devices I developed as a medical student is now used routinely in clinical practice. This is a great honor for me, and I hope that others can follow the same rewarding path," says Prince.



Martin R. Prince, MD '84, who is paying it forward by establishing a scholarship fund at HMS

At Reunion, alumni reconnect, rediscover, and reengage

Harvard Medical School alumni represent a diverse and far-reaching community that has a remarkable impact on the world. Graduates hold powerful global leadership positions in a wide range of fields, from director of a major research institute and CEO of a Fortune 500 company to professor of medicine and Tony-nominated producer. On May 28–29, these collective successes were celebrated by more than 700 alumni and friends who reunited on the Quad for Reunion and Alumni Day.

More than 100 alumni volunteers, spanning six decades, put a special touch on this year's Reunion programming and encouraged graduates to not only come back, but to give back—raising more than \$8.1 million to support their alma mater. This total honors all gift types and helps HMS to advance its priorities in education, discovery, service, and leadership.



25th Symposium moderator and speaker David Altshuler, MD '94, PhD '94, who introduces Dawn DeWitt, MD '90, with a personalized song



Alumni get in the Reunion spirit by posing for a photo on the steps of Gordon Hall

Amidst the laughter and hugs, alumni and guests rediscovered the School during scientific symposia, tours of the new Clinical Skills Center, the Dean's State of the School address, and more. An elegant gala at the Four Seasons Hotel Boston and more than 35 class activities over the weekend, ranging from tours of the newly reopened Harvard Art Museums to a volunteer project with the Family Van, provided ample opportunity to reconnect with classmates and the Boston area.

This year's Faculty Symposium helped to mark the 70th anniversary of the admittance of women to HMS and featured some impressive alumnae, who are now HMS faculty members, discussing their areas of specialty.

In tribute to their second year show of the same name, "Great Expectations," speakers from the Class of 1990 delivered talks on varied topics during the day-long 25th Reunion Symposium, including important medical advances of the past 25 years, global and local primary care, the discoveries that have made their medical education "out of date," and the unusual uses for an HMS degree.

Friday was Alumni Day, when all alumni were invited to return to the Quad to participate in the Annual Meeting of the Alumni Association, Alumni Day Symposium on the high cost of drug development and discovery, and the Dean's State of the School address.

Several Reunion classes celebrated their successes in reaching new heights of support. The Class of 1965 proudly presented a check for more than \$4.6 million, creating an endowed fund to support student scholarship. The Class of 1955 had the highest participation, with 75 percent of classmates making a Reunion gift. Additionally, six alumni

donors led five Reunion challenges, spurring their fellow classmates to give generously and help guarantee the continued success of HMS and its graduates.



Alumni Council President (2014–2015) Barbara McNeil, MD '66, PhD '72 (third from left), celebrating the 70th anniversary of the admittance of women to HMS with other notable faculty members (left to right) Lisa Petri Henske, MD '85, president-elect of the Alumni Council, Marcia Goldberg, AB '79, MD '84, and Arlene Sharpe, AB '75, AM '76, PhD '81, MD '82, at the Faculty Symposium

 **Watch videos of the Faculty Symposium, Alumni Day Symposium, HMAA Annual Business meeting, and State of the School address at hms.harvard.edu/reunion**

DID YOU KNOW 80% OF HMS STUDENTS RECEIVE FINANCIAL AID?

Meet one of them:

"The path to becoming a doctor will always be lined with some amount of debt. But financial aid helps to pave the clearest road for students so that they can become the doctors they hope to be."

—Zoe Bouchelle, MD '17

Consider a leadership gift to support need-based financial aid

Contact Aisha Francis at 617-384-8503 or aisha_francis@hms.harvard.edu to learn how you can support the next generation of leaders in science and medicine



Faces of HMS



1 Left to right: Center for Primary Care InciteHealth Fellows Urvi Vyas, PhD, Daniel Weisberg, MD, Chethan Bachireddy, AB '08, MD, Sameer Sood, DO, and Sonia Sarkar, MPH, participate in a work session focused on reinventing the future of health care.

2 HMS Dean Jeffrey S. Flier, MD (left), appoints David Corey, PhD (center), professor of neurobiology and director of the Bertarelli Program in Neuroscience and Neuroengineering at HMS, as the Bertarelli Professor of Translational Medical Science. The professorship and program are made possible by Fondation Bertarelli and its co-chair, Ernesto Bertarelli, MBA '93 (right), who is a member of the HMS Board of Fellows and a generous benefactor.

3 Beth Y. Karlan, AB '78, MD '82—director of the Women's Cancer Program at Samuel Oschin Comprehensive Cancer Institute, director of the Division of Gynecologic Oncology at Cedars-Sinai Medical Center, professor of obstetrics and gynecology at the David Geffen School of Medicine at UCLA, and chair of the HMS Alumni Fund from 2012 to 2015—has been elected by her peers to serve a six-year term on Harvard's Board of Overseers.

4 Dorothy Zinberg, PhD '66 (right), lecturer at the Harvard Kennedy School of Government and a friend to HMS, hosts a dinner for HMS benefactor Mort Zuckerman, LLM '62 (center), and the Zuckerman Fellows. The fellows, who are pursuing graduate and professional degrees at Harvard in the fields of medicine, education, and government, receive full tuition and a stipend for one year thanks to Zuckerman's generosity.

5 HMS Dean Jeffrey S. Flier, MD, and Dean for Students Nancy Oriol, MD '79, celebrate Class Day in May with the 160 newly minted doctors.

6 Italian Senator Elena Cattaneo, PhD, director of the Laboratory for Stem Cell Biology and Pharmacology of Neurodegenerative Diseases at the University of Milan, is the keynote speaker of "Science: The Italian Opportunity," an event sponsored by the Giovanni Armenise-Harvard Foundation and the Consulate General of Italy in Boston to highlight the foundation's Career Development Award recipients.

7 Stephen Elledge, the Gregor Mendel Professor of Genetics and of Medicine at HMS, and professor of medicine at Brigham and Women's Hospital, is a co-recipient of the 2015 Albert Lasker

Basic Medical Research Award, one of the most respected in biomedicine. He was recognized for his work illuminating DNA damage response, a crucial cell self-repair mechanism vital to our understanding of many diseases and conditions.

8 Loren Walensky, MD, PhD (back row, second from right), director of the Harvard/MIT MD-PhD Program at HMS and associate professor of pediatrics at HMS and Dana-Farber Cancer Institute, joins a group of current MD-PhD students at the program's 40th anniversary celebration. The event featured panels, talks, a reception, and dinner for current students, alumni, faculty, and staff.

9 Lewis First, AB '76, MD '80, SM '85 (second from right)—with (left to right) Jules Dienstag, former dean of medical education at HMS who was named an honorary member of the Class of 1958; Howard Corwin, AB '54, MD '58; and current Dean for Medical Education Edward M. Hundert, MD '84—speaks at the Class of 1958 Endowed Lecture, which was established by classmates in honor of their 50th Reunion as a gift to the graduating class to reinforce the idealism, humanism, and nobility of medicine.

From academic to entrepreneur and philanthropist

When it comes to treating disease, Jean-Pierre Sommadossi, PhD, is on a mission: to discover, develop, and bring to market innovative therapeutics that will impact the lives of millions of people worldwide.

This quest brought Sommadossi to Harvard Medical School as a member of the Therapeutics Advisory Council in 2011 and gave him an opportunity to be on the front lines for the launch of the Harvard Program in Therapeutic Science (HiTS) in 2013, which aims to bridge the gap between basic science and clinical treatments. In support of this initiative, Sommadossi and his wife, Marina Bozilenko, have given \$100,000 in discretionary funds to support HiTS.

institutes, the life science industry, investors, and regulatory agencies,” says Sommadossi.

This very idea of engaging in every level of development is what pivoted Sommadossi from his tenured professor position in academia—where he served on the faculty at the University of Alabama at Birmingham School of Medicine—to the world of entrepreneurship. Since 1998, he has launched three biotech companies and has played a critical role in making therapeutics available for hepatitis B, hepatitis C, and HIV/AIDS.

“We’re extremely grateful for Jean-Pierre and Marina’s support. Gifts like these allow students and fellows to pursue high-risk, high-reward ideas with the potential to substantially advance therapeutic science and improve patient care. We are also very pleased to have Jean-Pierre as a senior advisor and to benefit from his broad experience in academe and industry,” says Peter Sorger, AB ’83, PhD, Otto Kraye Professor of Systems Pharmacology and head of the HiTS program.



“This program is world-class, serving as a new model on how to foster an innovative, multi-scientific approach to deliver better treatments to patients faster. Harvard is playing a major role—bringing together the top minds in the best ecosystem in the world, across universities, hospitals, research

SHAFFER NAMED TO CHAFETZ PROFESSORSHIP IN PSYCHIATRY

Howard J. Shaffer, PhD, CAS, director of the Division on Addiction at Cambridge Health Alliance (CHA) and associate professor of psychology at Harvard Medical School, has been named the inaugural incumbent of the Morris E. Chafetz Professorship in Psychiatry in the Field of Behavioral Sciences at HMS.

The professorship is realized through the generosity of the Foundation for Advancing Alcohol Responsibility (FAAR), which develops programming for parents, teens, and teachers to encourage conversations about responsible decision-making regarding alcohol, in an effort to combat underage drinking and drunken driving. The professorship honors the late Morris

E. Chafetz, MD, founding director of the National Institute on Alcohol Abuse and Alcoholism and a psychiatrist who dedicated his career to destigmatizing alcoholism in the eyes of the public—treating it as a disease and not a personal failing.

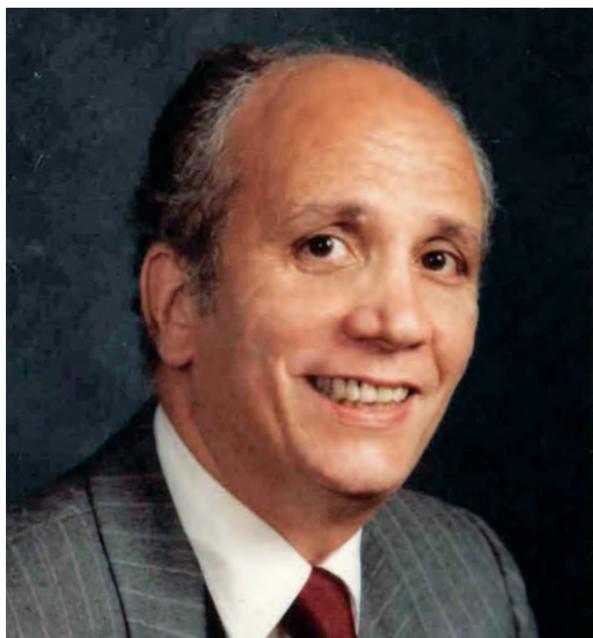
Shaffer joined the HMS faculty in 1978 as an instructor in the Department of Psychiatry at CHA’s Cambridge Hospital. His work currently focuses on the public health features of Internet gambling, the epidemiology of psychiatric co-morbidity among DUI offenders, and the social perception of addiction and disease.

Right (left to right): Adam Chafetz, Morris Chafetz’s son and president of Training for Intervention Procedures; Shaffer; Ralph Blackman, president and

CEO of FAAR; and Patrick Wardell, CEO of CHA, celebrate the first professorship established specifically for the benefit of faculty researchers at HMS and clinicians at HMS-affiliated CHA.



Stenson’s planned gift fuels discovery and possibility



Robert Stenson, MD ’65, whose gift recognizes his 50th Reunion at Harvard Medical School

As a cardiologist, Robert Stenson, MD ’65, is acutely aware of the dangerous aftermath of a heart attack. The heart muscle begins to heal soon after the attack, but, just like a skin wound, a scar forms around the damaged area. Although patients may recover in the short-term, their hearts’ pumping abilities are damaged permanently.

Now imagine having the power to regenerate a patient’s own heart tissue. Instead of having performance-affecting scar tissue, the heart could be restored to full strength and the patient’s life could be saved. Possibilities like this have inspired Stenson to support regenerative biology and stem cell research being conducted at Harvard Medical School.

“Regenerative biology is a paradigm shift,” says Stenson. “I cannot think of a field with greater possibilities and applicability across every area

of medicine, from oncology and trauma to neurology and cardiac disease.”

Motivated by this groundbreaking potential, Stenson and his wife, Jane, have established a charitable gift annuity (CGA) with a generous gift of \$100,000. This support, in combination with an additional CGA established in 2012 and assets from their estate, will ultimately establish the Robert and Jane Stenson Professorship at HMS.

The Stensons’ gifts serve another, more personal purpose. Their planned giving allows the couple to support their philanthropic interests while guaranteeing a cash flow in return. “I live a comfortable life, so I don’t need this money in my pocket right now. These planned gifts offer Jane and me an effective way to invest our money and advance groundbreaking medical research. It just makes a lot of sense,” says Stenson.

the benefactor



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AB '86, MD '90,
AM '94, PhD '94
Physician, Dana-Farber
Cancer Institute; Associate
Professor of Medicine,
Harvard Medical School;
Board Member, Harvard
Alumni Association



Valerie Pronio-Stelluto,
MD, FACP, and her
students at HMS
Director, Medical Student
Education, Mount Auburn
Hospital; Assistant
Professor of Medicine,
Harvard Medical School

“HMS inspires me to think bigger—in the clinic,
in academic projects, and in medicine.”

“HMS maintains an unwavering commitment to enhance the health,
well-being, and quality of life of others around the globe.”

SHARE YOUR STORY AT HMS.HARVARD.EDU/I-AM-HARVARD-MEDICINE

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JOIN US CALENDAR OF EVENTS

October 1

Warren Alpert Foundation Prize Symposium

Celebrate the winners of the 2015 Warren Alpert Foundation Prize—Tu Youyou of the China Academy of Chinese Medical Sciences, Beijing, and Ruth S. Nussenzweig, MD, PhD, and Victor Nussenzweig, MD, PhD, both of the NYU Langone Medical Center—for their pioneering discoveries in chemistry and parasitology, which have deepened our fundamental understanding of malaria and resulted in lifesaving treatments. The 27th annual symposium begins at 2 p.m. in the New Research Building. *Contact Caitlin Craig at 617-384-8467 or hms_events@hms.harvard.edu to RSVP or for more information.*



October 6

Center for Primary Care Innovations Conference



Join hundreds of members of the primary care community to push the edge of innovation in health care practice and education. The theme of this 5th annual event, which will be held in the New Research Building, is “Changing Culture: Creating Supportive Systems for Care Teams and Patients.” *To learn more, visit primarycare.hms.harvard.edu.*

For more information, visit primarycare.hms.harvard.edu.

October 7

The Power & Promise of Precision Medicine



Harvard Medical School celebrates HUBweek with this timely, interactive discussion about the power and promise of precision medicine. Featuring George Church, PhD '84, and Isaac Kohane, MD, PhD, the event begins at 5 p.m. in the New Research Building, with a reception to follow. *Email hms_events@hms.harvard.edu or call 617-384-8484 to RSVP or visit hubweek.org for more information.*

November 7

Alumni AAMC Reception in Baltimore

Do you live in the Baltimore area or are you planning to attend the Association of American Medical Colleges' (AAMC) annual meeting there? Join us for an HMS alumni reception from 6–7:30 p.m. at the Hilton Baltimore. *Formal invitations will follow. For more information, contact Emma Hastings at 617-384-8520 or hmsalum@hms.harvard.edu.*

January 15

Recent Graduate Winter Reception

HMS graduates from the Classes of 2006–2015 are invited to an evening of good fun and camaraderie in cities across the country—sponsored by the Harvard Medical Alumni Association. *Email invitations will follow. For more information, contact Emma Hastings at 617-384-8520 or hmsalum@hms.harvard.edu.*

March 1

Hollis L. Albright, MD '31 Symposium



Join Dean Jeffrey S. Flier, MD, moderator George Q. Daley, AB '82, PhD, MD '91, and renowned HMS faculty members at 4:30 p.m. in the New Research Building for this 15th annual symposium highlighting new education, discovery, and service initiatives at HMS. *Contact Allie Chase at 617-384-8596 or email albright@hms.harvard.edu for more information.*

View all upcoming HMS events at <http://hms.harvard.edu/calendar>. Can't join us in person? Download our Labcasts at <http://hms.harvard.edu/podcasts> or visit the HMS YouTube Channel.

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