A $30 million gift to Harvard Medical School from an anonymous donor will help launch the Harvard Medical School Center for Primary Care, through which the School anticipates making transformative contributions to primary care education and research.

During a November 3 celebration of the gift, Harvard University President Drew Faust thanked the donor, who she referred to as “our absent angel,” and praised the School’s “commitment to leadership in all aspects of academic medicine.”

“The issue of primary care is so much discussed in the context of American health care policy, global health and all our lives,” Faust said. “The issue is not just local, but global; not only intellectual, but also personal.”

Faust applauded Dean Jeffrey S. Flier, MD, for his “bold and inclusive approach to primary care and for forging primary care’s next frontier.”

Flier acknowledged the great potential made possible by the gift and the new Center. “Harvard Medical School is recognized worldwide for its leadership in medical education and biomedical research,” said Flier. “With this gift, we will be well positioned to play a major role in the research of health care delivery, the training of primary care practitioners, and the development of innovative models to be useful for institutions around the globe.”

President Faust and Dean Flier were joined at the celebration by members of two groups whose work was instrumental in outlining a plan of action for the new Center: the Primary Care Advisory Group, appointed by the Dean; and a grassroots group of young alumni, headed by Andrew Morris-Singer, MD ’07 and David Gellis, MD ’10, which developed into Primary Care Progress.

Philanthropy creates new directions and leadership in primary care

A bold new vision for the future of primary care

The new Center, which will be situated in the HMS Departments of Health Care Policy and Global Health & Social Medicine, will bring together experts from around the world for discussion, symposia, and collaboration, while also playing a key role in promoting active discourse among the many strong primary care practitioners, divisions, and centers based in the teaching affiliate hospitals, as well as in affiliated community sites such as community health centers and other practice networks.

“We’re thrilled that HMS will be home to this new Center, which will undoubtedly serve as a transformative agent for primary care both here and elsewhere,” said Barbara McNeil, MD ’66, Ridley Watts Professor of Health Care Policy and head of the HMS Department of Health Care Policy.

For more about the Center for Primary Care, please visit http://give.hms.harvard.edu/our-donors

“With this gift, we will be well positioned to play a major role in the research of health care delivery, the training of primary care practitioners, and the development of innovative models to be useful for institutions around the globe.”

—Jeffrey S. Flier, MD, Dean, Harvard Medical School
Dear Friends,

The 2011 fiscal year is off to an exciting start and I am pleased to share these groundbreaking stories with you in this issue of The Benefactor.

With a tremendously generous $30 million gift, an anonymous donor truly defines the meaning of ‘benefactor.’ This gift will allow the School to launch an exciting new initiative: the Harvard Medical School Center for Primary Care. The emerging Center will seek to address what the Institute of Medicine has called a “crisis” in primary care around the country and establish the School as a national leader in resolving this problem. We are enormously grateful to the donor who has made this possible—an individual Harvard University President Drew Faust fondly referred to as our “absent angel”—and look forward with much anticipation to the great work that will come from the new Center.

The School was also very thankful recently to receive a transformational $9 million commitment from the Bertarelli Foundation. This generous gift from Ernesto Bertarelli, Co-president of the Foundation, creates the Bertarelli Program in Translational Neuroscience and Neuroengineering, a collaborative program between the School and L’Ecole Polytechnique Fédérale de Lausanne (EPFL) in Switzerland. It will promote translational neuroscience research and education and bring together basic and clinical investigators with experts in device design.

And, with a $2.2 million gift, the Leona M. and Harry B. Helmsley Charitable Trust will inspire creative new ways of thinking about how to treat type-1 diabetes and lay a cornerstone of the Harvard Translational Immunology Institute, a new multidisciplinary initiative that will develop novel approaches to prevent and treat immunological conditions, including diabetes.

The partnership of these friends along with you and many others just like you makes possible all that we do here. We are grateful for all you do to support Harvard Medical School.

Regards,

Susan Rapple
Dean for Resource Development

Jeffrey S. Flier, MD
Dean of the Faculty of Medicine

Academic Deans
William W. Chin, MD ’72
Executive Dean for Research
Jules Dienstag, MD
Dean for Medical Education
R. Bruce Donoff, DMD, MD
Dean of the Harvard School of Dental Medicine
David E. Colan, MD, PhD
Dean for Graduate Education
Lee Nadler, MD ’73
Dean for Clinical and Translational Research
Nancy Oriol, MD ’79
Dean for Students
Nancy Tarbell, MD
Dean for Academic and Clinical Affairs

Administrative Deans
Richard Mills, JD
Executive Dean for Administration
Wesley Benbow, MBA
Associate Dean for Finance and Chief Financial Officer
Gretchen Brodnicki, JD
Dean for Faculty and Research Integrity
Maureen Connelly, MD, MPH
Dean for Faculty Affairs
Judith Claven, PhD
Associate Dean for Basic and Interdisciplinary Research
John Halamka, MD
Chief Information Officer
Julie Stanley
Interim Chief Human Resources Officer
Lisa Muto, PhD
Associate Dean for Institutional Planning and Policy
Susan Rapple
Dean for Resource Development
Joan Reede, MD, MS, MPH, MBA
Dean for Diversity and Community Partnership
Richard Shea, PhD
Associate Dean for Physical Planning and Facilities
Gina Vild
Associate Dean for Communications and External Relations

The Benefactor: Partners in Discovery is produced by the Harvard Medical School Office of Resource Development, 401 Park Drive, Suite 22 West, Boston, MA 02215. ©2011 President and Fellows of Harvard University

Dean for Resource Development
Susan Rapple

Editor
Terri Rutter
Design
Sametz Blackstone Associates

Photography
Stuart Darsch
 Writers
Jennifer Sarbahi
Nicole Mortimer
Brandy Newton
Patrick Rooney

For information, please contact Terri Rutter, Senior Director of Development Communications, Harvard Medical School, (617) 384-8529 or terri_rutter@hms.harvard.edu. 30% post-consumer fiber
Bertarelli Foundation creates bold new direction in translational medicine

The Bertarelli Foundation has made a $9 million commitment to Harvard Medical School that will bridge nations and ideas in order to promote discovery to improve hearing and other sensory systems.

The gift launches the Bertarelli Program in Translational Neuroscience and Neuroengineering, a collaborative program between the School and L’Ecole Polytechnique Fédérale de Lausanne (EPFL) in Switzerland. The program will promote translational neuroscience research and education and bring together basic and clinical investigators with experts in device design.

“Since studying at Harvard, I have been involved with Harvard Medical School and I also have close ties with EPFL,” says Ernesto Bertarelli, Co-president of the Bertarelli Foundation. “I thought it would be an interesting idea to bring both faculties together to join forces in common projects, where each entity could contribute with its own core competencies: the neuroengineering developments for EPFL and the experience in medical application to patients for HMS. This project once again shows that Europe and America can collaborate to have a very competitive impact in the advancement of science.”

Dean Jeffrey S. Flier, MD applauded this new partnership. “Thanks to the Bertarelli family’s tremendous generosity and vision, we will be exploring an area of cutting-edge science that will lead to exciting discoveries, particularly in the field of neurotechnology, for both our institutions. I look forward to working with Ernesto and our Swiss partners in this new venture.”

A portion of this gift creates the Bertarelli Professorship in Translational Medical Science at Harvard Medical School. The inaugural incumbent will be William Chin, MD ’72, currently Executive Dean of Research at Harvard Medical School.

“I thought it would be an interesting idea to bring both faculties together to join forces in common projects... This project once again shows that Europe and America can collaborate to have a very competitive impact in the advancement of science.”

—Ernesto Bertarelli

New professorship established to improve quality and access to health care

Leonard D. Schaeffer, a member of the Harvard Medical School Board of Fellows since 2002, has had a long career working in both the public and private health care sectors. Health services research has had a profound impact on his thinking, especially findings that medical treatment varies by geography even when evidence supports a standard, preferred approach.

Schaeffer believes academic research in science and public policy is required to improve quality and access to care and to lower costs. With a $4 million commitment to establish the Leonard D. Schaeffer Professorship in Health Care Policy, he is supporting research on today’s critical health issues, while also helping guide those who will shape tomorrow’s policy decisions.

Schaeffer chose Harvard as the recipient of his gift because of its superior academic reputation and because it is tapped into one of the best medical centers in the world—Boston. He believes that current events in Massachusetts related to reshaping its health care system are setting the tone for the future of national reform.

“Harvard Medical School has the breadth and depth to focus on clinical research while examining important policy issues—this is how change will be made. This professorship will support a gifted scholar with the intellect and research skills to examine these issues,” Schaeffer says.

Schaeffer’s vision is that the incumbent of his professorship will collaborate with other Schaeffer Professorship incumbents throughout the country to translate local successes in health care delivery into effective policy at the national level.

Only the best come to Harvard Medical School. So far, more than 1,900 alumni and friends have made gifts to support the future leadership of medical care and research.

Join them by giving to the Alumni Fund or the Friends of Harvard Medicine today.

GIVE TO THE ALUMNI FUND. CREATE THE FUTURE LEADERS OF MEDICINE.

Contact: Shaké Sulikyan, Director of Annual Giving
(617) 384-8454 • shake_sulikyan@hms.harvard.edu • Give online at http://give.hms.harvard.edu

Join the Alumni Fund or the Friends of Harvard Medicine today.
Innovative approach aims to spark creativity in immunology research

The Leona M. and Harry B. Helmsley Charitable Trust is partnering with Harvard Medical School, using inventive informatics techniques to identify new research approaches to type-1 diabetes and Crohn's disease. A $2.2 million gift will spur creative new directions that are far from obvious to advance new treatments for these diseases.

Both conditions are related to the immune system, and discoveries in one may have relevance to the other. Phase 1 of the project—the Helmsley Pilot Grants Program—will exploit and expand on this knowledge by incorporating an innovative new approach to generate creativity called broadcast search or "crowdsourcing." Using the powers of the internet-based research networking machine HMS Catalyst—which has partnered with a company called Innocentive that has expertise in crowdsourcing infrastructure—the program has invited researchers to think outside the box and form new collaborations that will approach these diseases from entirely new angles.

The Warren Alpert Foundation Prize honors Howard Green, MD

The prestigious Warren Alpert Foundation Prize, established in 1987, is awarded to physician-scientists and researchers whose groundbreaking research has a high potential to improve human health. The annual prize is highlighted by a scientific symposium at HMS.

The 2010 prize was awarded to Howard Green, MD, the George Higginson Professor of Cell Biology at HMS. Green was recognized for his work in developing methodologies for the expansion and differentiation of human keratinocyte stem cells for permanent skin restoration in victims of extensive burns. Elaine Fuchs, PhD, a leading researcher on stem cells, led the scientific symposium with George Daley, MD ’91, PhD, Director of Stem Cell Transplantation at Children’s Hospital Boston. Bevin Kaplan, Senior Director of The Warren Alpert Foundation, presented Dr. Green with his prize during the dinner celebration.

"We know there are many brilliant people who are working on research that may not be directly related to either of these conditions, but who may have an idea or a hunch that could be highly relevant," says Lee Nadler, MD ’73, Dean for Clinical and Translational Research. "With the Helmsley gift, we can create incentives to bring these people together."

The project, the cornerstone of the Harvard Institute for Translational Research, a multidisciplinary center specifically created to develop novel immunologic approaches for preventing and treating conditions of a compromised immune system, is designed specifically to produce results, with milestones identified early on and generous cash prizes awarded for the top ideas.

Family’s gift supports humanistic and holistic approaches in medical education

Gifts totaling more than $1.1 million were recently made by an anonymous donor to the Program in Medical Education (PME) to facilitate the development of a holistic and humanistic clinical mind-set among Harvard’s medical students. "As Harvard’s graduates move into highly specialized arenas of clinical practice, they will continue to be mindful of the entire spectrum of systemic factors impacting their patients—everything ranging from cultural, familial, psychological, environmental, genetic, and physiological," says the donor. The gift was made in three parts.

The first gift for more than $800,000 will be used by the PME to fund a Director of Professionalism and Humanism in Medicine. The new director will be a medical education leader who will integrate holistic and humanistic elements into the each of the four years of the HMS medical curriculum.

A second gift for $138,000 creates awards for faculty who create curricula that focus on topics such as palliative care and critical thinking that strengthens the clinical understanding amongst medical students.

The third gift for $166,750 will be directed toward the Scholars in Medicine Program to support 10 Harvard Medical School students who wish to develop scholarly research projects in humanistic, holistic, or preventive medicine.

"We know there are many brilliant people who are working on research that may not be directly related to either of these conditions, but who may have an idea or a hunch that could be highly relevant," says Lee Nadler, MD ’73, Dean for Clinical and Translational Research. "With the Helmsley gift, we can create incentives to bring these people together."
Gift memorializes daughter while helping students pursuing global health

Fifteen years ago, Stephen Jelin and his family created the Dr. Bemy Jelin Prize to honor his late daughter, Bemy, who graduated from the School in 1991. The prize is awarded to an HMS student who has career interests in areas that “touched Dr. Bemy Jelin’s life”: pediatrics, oncology, psychiatry, and underserved populations internationally. Recently, Jelin added to this prize with a charitable gift annuity (CGA). He gave a second CGA to endow the Dr. Bemy Jelin Fellowship Fund, which will support a student or post-doctorate fellow in the Department of Global Health and Social Medicine.

“Harvard Medical School was wonderful to Bemy, and I think it’s a great institution,” says Jelin. Bemy had traveled around the world and was particularly moved by a year she spent caring for medically underserved women and children in Bangladesh. “This is the absolute best way to memorialize what Bemy wanted to do in her life.”

Alumnus makes gifts to support future leaders in global health

For Stephen Kahn, MD ’99, the earthquake disaster in Haiti in 2010 intensified his sense of urgency and commitment to improve health equity in two of the world’s hardest hit locales, Haiti and Rwanda. His commitment of more than $1 million will help support clinicians, medical researchers, and teachers providing care and training local practitioners in resource-poor communities. Kahn announced the gift at the 2010 Clinton Global Initiative.

Kahn, President of the Abundance Foundation, created with his gift the Abundance Project for Global Health in partnership with the Department of Global Health and Social Medicine at Harvard Medical School, Partners In Health, and the Global Health Delivery Program, which is centered at Brigham and Women’s Hospital.

“It is possible to change the face of global health in our lifetime,” Kahn says.

A main component of the Project is encouraging the development of future leaders in global health by supporting junior faculty and students. “There is a hunger on the part of students to play a role in global health. I want to provide a coordinated effort that provides these students with mentorship, in-field training, and funding,” explains Kahn.

“It is possible to change the face of global health in our lifetime.”

—Stephen Kahn MD ’99

A second gift for $500,000 will continue this effort as it launches a loan forgiveness pilot program for medical students who are committed to pursuing a career in global health. That program, called the Abundance Found Global Health Loan Forgiveness Program, will be modeled after other HMS loan forgiveness programs and will award accepted students up to $60,000 of debt-relief.

Albright Symposium celebrates innovation

Tenley Albright ’61 and Nile Albright, MD, established the Albright Symposium in 2000 in honor of their father, Hollis Albright, MD, who dedicated his life to surgery, patient care, and the students he mentored. The annual symposium highlights new research at the School and recognizes an exceptional student with an Albright Prize. The 10th annual symposium, held October 20, 2010, featured “What’s New at HMS” with Dean Jeffrey S. Flier, MD, and “Visions for the Future” with Robert S. Langer Jr., PhD, ScD and David T. Scadden, MD.
Board of Fellows member supports global health

Harvard Medical School Board of Fellows member Lynn Thoman has made a gift of $100,000 through the Leon Lowenstein Foundation to advance programs in the Department of Global Health and Social Medicine (DGHSM).

“Harvard Medical School is an outstanding organization,” says Thoman. “I am honored and privileged to be associated with it and to provide support.”

As Co-president of the Foundation, Thoman says that she is interested in supporting programs that have “measurable impact and are scalable. The work being done through DGHSM to systematize the study of healthcare delivery, share best practices and knowledge, and improve medical care in resource-poor areas around the world greatly satisfies this pursuit.”

Thoman also acknowledges being motivated by the School’s and DGHSM’s strengths as a convener of experts and specialists to address problems in health care and health care delivery: “The Medical School is in a unique position to improve the delivery of health care worldwide by developing collaborations involving medical schools, hospitals, physicians, researchers, and practitioners.”

INVEST IN DISCOVERY

Establish a charitable gift annuity for a healthier financial future...

By creating a gift annuity you will receive:

- A guaranteed high rate of return for your life (and that of a loved one, if desired)
- The security of knowing your payments are backed by Harvard University
- The satisfaction of helping to advance medical education, scholarship, or fundamental research

For more information, please visit http://give.hms.harvard.edu/giftplanning or contact Mary Moran Perry at (800) 922-1782 or mary_perry@hms.harvard.edu

The Warren Alpert Foundation Prize honors Howard Green, MD

The prestigious Warren Alpert Foundation Prize, established in 1987, is awarded to physician-scientists and researchers whose ground-breaking research has a high potential to improve human health. The annual prize is highlighted by a scientific symposium at HMS. The 2010 prize was awarded to Howard Green, MD, the George Higginson Professor of Cell Biology at HMS. Green was recognized for his work in developing methodologies for the expansion and differentiation of human keratinocyte stem cells for permanent skin restoration in victims of extensive burns. Elaine Fuchs, PhD, a leading researcher on stem cells, led the scientific symposium with George Daley, MD ’91, PhD, Director of Stem Cell Transplantation at Children’s Hospital Boston. Bevin Kaplan, Senior Director of The Warren Alpert Foundation, presented Dr. Green with his prize during the dinner celebration.

Harvard Medical School Dean Jeffrey S. Flier, MD, Elaine Fuchs, PhD, Howard Green, MD, Bevin Kaplan, Konrad Hochedlinger, PhD, and George Daley, MD ’91, PhD, celebrate Green’s work at the Warren Alpert Foundation Prize Symposium.

George Daley, MD ’91, PhD, presents The Warren Alpert Foundation Prize to Howard Green, MD.

INVEST IN DISCOVERY

Establish a charitable gift annuity for a healthier financial future...

By creating a gift annuity you will receive:

- A guaranteed high rate of return for your life (and that of a loved one, if desired)
- The security of knowing your payments are backed by Harvard University
- The satisfaction of helping to advance medical education, scholarship, or fundamental research

For more information, please visit http://give.hms.harvard.edu/giftplanning or contact Mary Moran Perry at (800) 922-1782 or mary_perry@hms.harvard.edu

The Warren Alpert Foundation Prize honors Howard Green, MD

The prestigious Warren Alpert Foundation Prize, established in 1987, is awarded to physician-scientists and researchers whose ground-breaking research has a high potential to improve human health. The annual prize is highlighted by a scientific symposium at HMS. The 2010 prize was awarded to Howard Green, MD, the George Higginson Professor of Cell Biology at HMS. Green was recognized for his work in developing methodologies for the expansion and differentiation of human keratinocyte stem cells for permanent skin restoration in victims of extensive burns. Elaine Fuchs, PhD, a leading researcher on stem cells, led the scientific symposium with George Daley, MD ’91, PhD, Director of Stem Cell Transplantation at Children’s Hospital Boston. Bevin Kaplan, Senior Director of The Warren Alpert Foundation, presented Dr. Green with his prize during the dinner celebration.

Harvard Medical School Dean Jeffrey S. Flier, MD, Elaine Fuchs, PhD, Howard Green, MD, Bevin Kaplan, Konrad Hochedlinger, PhD, and George Daley, MD ’91, PhD, celebrate Green’s work at the Warren Alpert Foundation Prize Symposium.

George Daley, MD ’91, PhD, presents The Warren Alpert Foundation Prize to Howard Green, MD.
The **Commonwealth Fund** awarded a research grant of $290,270 to Michael E. Chernew, PhD, Professor of Health Care Policy, to study geographic variation in health care spending. Using Medicare reimbursement and claims data from large corporations, Chernew will seek to understand the factors that lead to different levels of health care spending in different regions of the country. The research will prove to be important for helping policy makers implement strategies that improve the efficiency of the health care system.

The **Human Frontier Science Program (HFSP)** made a gift of $350,000 to support the research of Guadenz Danuser, PhD, Professor of Cell Biology. Danuser is part of a team of colleagues from Switzerland and Korea employing highly sensitive FRET (fluorescence resonance energy transfer) probes to discover exactly how a set of proteins—the Rho family of GTPases, a well-known group of “molecular switches”—signaling to the cell cytoskeleton may affect neurons during normal development and during repair of injured neuronal tissues. HFSP provides grants for teams of scientists from different countries who wish to combine their expertise in innovative approaches to questions that could not be answered by individual laboratories.

The **Richard and Susan Smith Family Foundation** gave $300,000 to support the work of Steven McCarroll, PhD, Assistant Professor of Genetics. The award will allow McCarroll to search for hundreds of human genome sequences that have not previously been described as part of the human genome and figure out where these sequences reside and what part of the human population carries these sequences. Mapping these “missing pieces” of the genome will help shed light on human trait variation and risk of disease.

Harvard Medical School is the third oldest medical school in the United States, founded in 1782.