

# THE PRESIDENT'S PILLAR SOCIETY

THE IMPACT OF YOUR SUPPORT | 2014



**Life. Giving.  
Breakthroughs.**

OUR CAMPAIGN FOR  
THE FUTURE OF MEDICINE



THE  
PRESIDENT'S  
PILLAR  
SOCIETY

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WE HOPE YOU TAKE GREAT PRIDE IN KNOWING  
THAT YOU PLAY AN ESSENTIAL ROLE IN TRANSFORMING  
THE FUTURE OF MEDICINE.

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If you have a particular area of interest  
you would like more information about,  
please contact Associate Director of Individual  
Giving Erica Wilcoxson at 617-424-4338 or  
[ewilcoxson@partners.org](mailto:ewilcoxson@partners.org)

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## A MESSAGE FROM PRESIDENT BETSY NABEL, MD



I want to take a moment to thank you for your dedicated support of Brigham and Women's Hospital (BWH) and Brigham and Women's Faulkner Hospital through the President's Unrestricted Fund. As a member of The President's Pillar Society, you make a tremendous difference in the lives of so many patients and families and are a driving force in our *Life.Giving.Breakthroughs.* campaign. Unrestricted gifts like yours support our areas of greatest and most immediate need, and enable us to accomplish our mission of providing the highest quality healthcare, expanding the boundaries of medicine through research, educating the next generation of healthcare leaders, and serving the needs of our local and global communities.

Your loyal commitment is a major reason we are recognized as a world-class leader in medicine, and 2013 was no exception. BWH was recognized once again as one of the nation's top hospitals by *U.S. News & World Report*. What's most important to me, however, is what this ranking represents—our caregivers' compassion, our scientists' curiosity, and our teachers' talents. These qualities embody who we are and came shining through this past year as we responded to the Boston Marathon bombings, made important advances in personalized medicine, and reached out to offer free care to local communities and underserved countries around the world. With your support and the flexibility of the President's Unrestricted Fund, we are delivering on our promise to uncover new life-giving breakthroughs that will make a difference for patients in Boston and across the globe.

Discovery and innovation have always been at the heart of what we do—from the compassionate care and groundbreaking treatments that provide hope for patients today, to the pioneering research and extraordinary educational opportunities that promise to improve outcomes for the patients of tomorrow. By supporting our strong commitment to research, education, and most importantly to caring for patients in need, you're helping change medicine and improve lives.

Thank you for all that you do for Brigham and Women's Hospital and Brigham and Women's Faulkner Hospital. Together, we have the power to transform the future of medicine.

With warm regards,

A handwritten signature in black ink that reads "Betsy". The script is elegant and cursive.

BETSY NABEL, MD

*President*

*Brigham and Women's Hospital*

*Brigham and Women's Faulkner Hospital*



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## SUPERIOR PATIENT CARE

### Standing Strong in the Wake of Tragedy

April 15, 2013 is a day none of us will ever forget. In the seconds, hours, days, and weeks following the Boston Marathon bombings, the city witnessed many heroic moments: bystanders springing into action, first responders running toward chaos, medical staff rushing victims to local emergency rooms and working around the clock to treat injured patients, and bombing survivors selflessly expressing greater concern for their loved ones than for themselves.

In the midst of terror and confusion, Brigham and Women's Hospital (BWH) and Brigham and Women's Faulkner Hospital (BWFH) stood strong. Within the first hour after the tragedy struck, 23 injured patients were brought to BWH and 13 to BWFH with life-threatening injuries that ranged from shrapnel penetration to critical hemorrhaging to orthopedic trauma. In total, BWH and BWFH treated 52 patients that first day. And all 52 survived. They survived because staff members were prepared to do what they do best: respond to every situation and every emergency with strength, skill, and compassion.

Months later, staff members reflecting on that fateful day shared personal yet similar recollections. Kayla Quinn, RN, a nurse in the Intensive Care Unit Float Pool, was standing near the finish line when she heard the blasts and instinctively ran toward them to provide immediate attention to those injured and on the ground.



(Left to right) Twenty-three injured patients were brought to BWH within the first hour of the Boston Marathon bombings; Department of Emergency Medicine staff in the BWH lobby at 75 Francis Street during the crisis; First lady **Michelle Obama** visits with Boston Marathon bombing survivor **Heather Abbot** at BWH; Trauma surgeon **Joaquim Havens, MD**, Chairman of the Department of Emergency Medicine **Ron Walls, MD**, and trauma surgeon **Zara Cooper, MD**, talk with **Scott Pelley** of CBS Evening News about the Boston Marathon bombings.

Trauma surgeon Zara Cooper, MD, was in her office at BWH when she heard about the explosions at the finish line. She rushed to the Emergency Room to perform surgery on one of several patients brought to the BWH Operating Room, which remained open all night.

Ron Walls, MD, chairman of the Department of Emergency Medicine at BWH, explains, “Every single patient who came in was treated by a trauma team as if they were the only patient, as if that was an ordinary Monday.”

BWH and BWFH had never experienced anything like the Boston Marathon bombings before. But together with other major Boston hospitals, they were prepared and ready to respond because of thorough planning and preparedness. In the eight years prior to the bombings, BWH and BWFH conducted 73 active drills and 623 tests of communication, tracking, and monitoring systems—the kinds of life-saving initiatives made possible by unrestricted support.

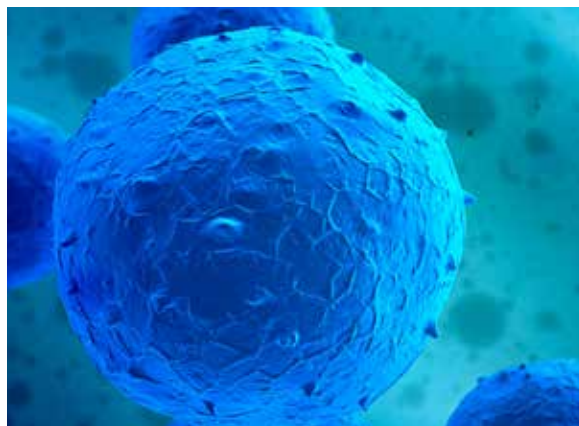


*“Every single patient who came in was treated by a trauma team as if they were the only patient, as if that was an ordinary Monday.”*

RON WALLS, MD  
CHAIRMAN  
DEPARTMENT OF EMERGENCY  
MEDICINE



**Raymond Anchan, MD, PhD**, (right), a neurobiologist and gynecologist, is conducting groundbreaking research on using engineered stem cells in hormone therapy, infertility treatments, and repairing lost function in the ovaries. His discoveries have the potential to give women new options in battling hormone loss, infertility, premature menopause, and even cancer.



## BREAKTHROUGHS IN RESEARCH

### Turning Impossibility into Hope

The dream of regenerating organs is something doctors have long thought impossible. But BWH is working to make this dream a reality. Stem cell-based regenerative biomedicine holds great promise for the development of new therapeutic approaches to a variety of health concerns ranging from infertility to premature organ failure. Raymond Anchan, MD, PhD, a neurobiologist and gynecologist at BWH's Center for Infertility and Reproductive Surgery (CIRS), is working toward realizing the potential of stem cells to address women's health concerns, such as hormone replacement and organ regeneration.

Anchan and his CIRS colleagues have made promising breakthroughs with pluripotent stem cells—adult cells that are reprogrammed to mimic stem cells. “We believe embryonic and pluripotent stem cells will not only provide us tremendous opportunities for cell-based therapies and tissue regeneration, but also allow us to grow diseased tissue in culture and study different treatment approaches,” he explains.

Anchan's efforts hold great promise for expanding the available options for preserving or restoring fertility, but the potential for stem cells extends far beyond women's health. In a recent study published in *Nature Methods*, BWH researchers were able to grow extensive numbers of intestinal stem cells, and then coax them to develop into different types of mature intestinal cells.

“Being able to produce a large inventory of intestinal stem cells could be incredibly useful for stem cell therapy, where the cells could be delivered to patients to treat diseases such as Crohn's disease and ulcerative colitis,” says Jeffrey Karp, PhD, a bioengineer in the Division of Biomedical Engineering at BWH and co-senior author of the study.

Support for BWH researchers is vital to the future of medicine. Unrestricted gifts can play a critical role in sustaining and accelerating groundbreaking work that makes it possible for scientists to pioneer medical innovations and transform care for patients and families worldwide.



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## COMMUNITY HEALTH

### Providing Support to Those Who Need It Most

At BWH and BWFH, dedication to patient care starts at home. Each year, the hospitals collaborate with more than 20 community health partners and provide millions of dollars of health education programs and free care to more than 60,000 men, women, and children. Unrestricted funds can supplement efforts like this, and assist people with the help they need when they need it most.

“Our goal is to improve the health of our community and eliminate disparities in care among vulnerable individuals and families,” says Tracy Mangini Sylven, director of community health and wellness at BWFH.

One of the many resources available to Boston-area residents is the Breast Healthcare Access Program at BWFH for uninsured or underinsured women over the age of 40. Patients accepted into the program receive free screening treatments and follow-up care at the BWFH’s Sagoff Breast Imaging and Diagnostic Center, one of the top centers for breast healthcare in the United States. Since the program began in 1993, BWFH has provided thousands of women with free mammograms and follow-up breast care, as well as support programs for women who have been newly diagnosed with breast cancer. The center recently added newly developed 3D mammography technology (also known as breast tomosynthesis) to further improve detection ability.

“This program is literally a lifesaver for countless women who would otherwise not have access to care,” says Margaret Duggan, MD, Medical Director of the Brigham and Women’s Faulkner Breast Center. “We are so proud and grateful to be able to offer this program and continue our proud 100-year history of bringing world-class services and treatment to our home communities.”



**Nawal M. Nour, MD, MPH**, (left, with patient) is the director of the Global OB/GYN Division at BWH. Doctors from the division travel to developing countries to improve care and help save the lives of women and babies around the world.

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## GLOBAL HEALTH

### Helping our Neighbors Around the World

The concept of basic healthcare can take on a very different meaning depending on where you live in the world. For countries lacking infrastructure, education, and socioeconomic development, basic care can be nonexistent. BWH is committed to reducing health disparities among disadvantaged patients in the developing world through a variety of efforts that integrate our expertise in training, care, and research.

The Global OB/GYN Division at BWH is one of many areas of the hospital fully dedicated to this international mission. Each year, doctors from the BWH Global OB/GYN Division travel to developing countries such as Uganda, Egypt, Kenya, and South Africa to teach, provide health services, and help build infrastructure. Doctors like Khady Diouf, MD, Julianna Shantz-Dunn, MD, and Nawal M. Nour, MD, MPH, are devoted to improving care significantly for thousands each year.

Associate obstetrician-gynecologist Khady Diouf, MD, is partnering with a hospital in Senegal on gynecological surgeries and to set up a Newborn Intensive Care Unit. She also works with the Kenyan government on an extended breastfeeding program to prevent the transmission of





HIV. For the past four years obstetrician-gynecologist Julianna Shantz-Dunn, MD, has been working with a hospital in rural Uganda to improve their maternity care and establish a midwifery-led prenatal care project. She also created a curriculum and training guide for residents with an interest in global OB/GYN work.

Nawal M. Nour, MD, MPH, director of the Global OB/GYN Division, provides culturally competent care to African women who have undergone female genital cutting/mutilation in Egypt, Sudan, Kenya, and even in the United States. The African Women's Health Center at BWH has created a haven for these women who suffer long-term complications from this traditional practice and collaborates with grass roots organizations in Africa who are committed to stopping the practice.

By forging relationships with health centers and communities in these developing countries, the Global OB/GYN Division helps save the lives of women and babies across the globe. But the need for programs like these is growing, as are the many expenses associated with international care. Unrestricted giving can be a tool that helps fill the funding gap for things like shipping supplies and travel costs, so doctors can focus on their mission: helping improve people's health and the delivery of their care.



***“Our division also trains health providers in evidence-based medicine and global health, and coordinates global health research activities with the hope of inspiring providers to commit to working in developing nations.”***

NAWAL M. NOUR, MD, MPH  
DIRECTOR  
GLOBAL OB/GYN DIVISION

(Left to right) **Paul Farmer, MD, PhD**, chief of the Division of Global Health Equity at BWH, treating a patient in Haiti; U.S. Surgeon General nominee **Vivek Murthy, MD, MBA**.



## EXCELLENCE THROUGH EDUCATION

### Leading the Future of Medicine

BWH and BWFH take great pride in teaching, mentoring, and training the next generation of medical leaders. Many of these brilliant individuals—including Betsy Nabel, MD, president of BWH and BWFH—began their illustrious careers as BWH residents. The training of BWH doctors is a seminal experience that often sets them on a path to caring and curing, and impacts countless people in need far beyond Boston.

Two of the many BWH resident alumni who now serve in leadership roles in the U.S. and abroad are Vivek Murthy, MD, MBA, and Paul Farmer, MD, PhD.

Recently nominated for the post of U.S. Surgeon General, Murthy is a physician at BWH and BWFH and the co-founder and president of Doctors for America, a group of 16,000 physicians and medical residents that advocates for access to high quality, affordable healthcare for community members. Farmer is chief of the Division of Global Health Equity at BWH and co-founder of Partners In Health (PIH), an international non-profit organization that has helped pioneer novel, community-based treatment strategies to deliver high-quality healthcare in resource-poor settings in the U.S. and other countries. He is also the United Nations Secretary-General's Special Advisor for Community Based-Medicine and Lessons from Haiti.

BWH has residency and fellowship programs in many different specialties and subspecialties of medicine. As physicians advance beyond their residency, BWH and BWFH offer continuing medical education (CME) so they can study the latest advances, ideas, and theories of their area of specialty. In addition to the educational opportunities for our doctors, BWH and BWFH provide ample training programs and additional learning possibilities for nurses, allied health professionals, clinical investigators, and research staff.

With knowledge key to their success, the unrestricted funds that help educate our caregivers are an investment in the future of medicine.

## THANK YOU

With your support, the President's Unrestricted Fund allows BWH and BWFH to address current needs and leverage unanticipated opportunities. Many critical programs would not be possible without your support of this flexible funding resource. We are exceedingly thankful to you for your investment in BWH and BWFH and our mission to:

- Provide the highest quality healthcare to patients and their families
- Expand the boundaries of medicine through research
- Educate the next generation of healthcare professionals
- Serve the needs of our local and global community

By supporting research, education, and our strong commitment to those in need through unrestricted giving, you are part of a community dedicated to uncovering life-giving breakthroughs that save and improve lives. Thank you for joining us as we work together to transform the future of medicine.



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