The Lunder Building has bustled with movement for a long time, but the current activity is not related to construction or moving—it’s the everyday operations of patient care. With the successful move of the Neurosciences Units to Lunder 6, 7 and 8 and Radiation Oncology to Lunder Lower Level 3, all floors of the MGH’s newest facility are occupied and operating. The transition of equipment, staff and patients into the Lunder began in early July and was guided in carefully planned stages by the Lunder Building Go-Live team, a group of representatives from each of the services located in the Lunder.

“The move-in process was really something to see,” says Ed Raeke, co-chair of the Go-Live team and director of Materials Management. “The teamwork involved to pull this off was phenomenal. In addition to our team, groups like Environmental Services, %Continued on page 2%

革命性的潜力
创新的研究提案赢得重大NIH经费支持

有机体从单细胞原生动物到巨鲸都依赖于细胞的线粒体作为能量供应。但就像汽车发动机如果燃料管道被堵塞，线粒体功能失调的疾病也可能致命。

研究者Vamsi Mootha，MD，是分子生物学系的研究者，专注于理解线粒体疾病，并刚刚获得了17个转化研究项目奖之一，这项为期五年的研究支持不具传统预算的非传统项目，可能会改变其领域。另外三名MGH的研究者–Harald Ott，MD，是外科系的研究者，Timothy Padera，PhD，是放射肿瘤系的研究者，Joy Wu，MD，PhD，是内分泌系的研究者，是49名新项目中的49名研究者之一。

Ott has developed a technique for assembling transplantable organ grafts by seeding the protein structures of donor organs with living cells. His team will work to expand fundamental animal studies to generate organs suitable for transplantation into human patients. Padera will seek to better understand the process of tumor metastasis, focusing on how the environment inside lymph nodes containing cancer cells contributes to tumor progression and possibly leading to new treatment targets. Wu’s project is directed toward increasing the availability of blood system stem cells, which are responsible for the success of bone marrow transplantation. By using bone-forming cells called osteoblasts to grow greater quantities of those essential cells in culture, her team’s work could expand the number of patients who can benefit from stem cell transplantation.

Revolutionary potential
Innovative research proposals win major NIH grant support

Organisms from single-celled protozoa to mammoth whales all depend on tiny cellular components called mitochondria for their energy supply. But just as a motor cannot operate if its fuel line is blocked, disorders that disrupt mitochondrial function can be life threatening. Investigator Vamsi Mootha, MD, of the MGH Department of Molecular Biology, focuses on understanding mitochondrial disease and has just received one of 17 Transformative Research Project Awards from the National Institutes of Health (NIH). These five-year grants, which do not have traditional budget caps, are designed to support unconventional projects that have the potential to revolutionize their fields. Three additional MGH investigators – Harald Ott, MD, of the Department of Surgery; Timothy Padera, PhD, of the Department of Radiation Oncology; and Joy Wu, MD, PhD, of the Endocrine Unit – are among 49 new recipients of five-year, $1.5 million New Innovator Awards.

“We’re absolutely thrilled to receive this enabling grant,” says Mootha. “We will focus on a group of devastating disorders for which there is no proven therapy. Most involve a blockade in the pipeline of reactions required to produce ATP, the cell’s primary energy source. We’re proposing a totally novel approach and drawing inspiration from nature, specifically from microbes that regularly cope with similar blockages. Our work could lay the foundation for a brand new class of therapies for these neglected disorders.” Collaborating with Mootha will be Stanley Shaw, MD, PhD, of the MGH Division of Cardiology, and Jon Clardy, PhD, of Harvard Medical School.

All Lunder Building floors occupied and operating

制作剪影：从左到右，Jean Elrick, MD, Christine Cerrato, RTT, Maida Broudo, RTT, Paul Busse, MD, PhD, Kathy Bruce, RTT, Katie Mannix, RN, Hsiao-Ming Lu, PhD, Jay Loeffler, MD, and Paciello at the Department of Radiation Oncology’s Sept. 7 ribbon-cutting ceremony.
Telecommunications, Nutrition and Food Services, Planning, and Materials Management — among many others — really went above and beyond to ensure physicians, nurses and others were well-prepared to care for their first patients in the Lunder.”

Adds Andrea Paciello, team co-chair and executive director of Radiation Oncology: “Thanks to the brainpower and energy of hundreds of hardworking MGHers, the hospital made a smooth and efficient transition into our beautiful new facility. Every single person involved worked tirelessly with the same goal in mind — to create a space that enables the best possible patient experience.”

Radiation Oncology celebrated its move with a Sept. 7 ribbon-cutting ceremony and marked a milestone Sept. 14 with the treatment of its first Lunder patient. In order to ensure continuity of care for patients already under treatment, additional treatment machines will be moved from the Cox Building to Lunder between now and December.

“Most of our patients receive daily treatments for four to eight weeks, so our move could not be done in a single day without serious disruption to patient care,” says Paciello. “The department started planning for the transition more than three years ago and our staff members have done an outstanding job of making that plan a reality.”

Neurosciences moved its patients into the Lunder Building Sept. 13 and 14. Staff are particularly excited about the new imaging suite located within the Neurosciences Intensive Care Unit, which opened Sept. 12. The co-location of this equipment with critically ill patients will decrease the risks associated with transporting them to different locations.

“The move from White 12 to Lunder 7 went very smoothly,” says Suzanne Algeri, RN, nursing director of the floor. “Everyone who participated in the move did a wonderful job ensuring the well-being and safety of our patients during the transition. We could not imagine a better experience for all involved. Our patients continue to tell us how much they love the new unit and how much they enjoy the calm and peacefulness of the Lunder environment.”

For more information about and photos from the Lunder moves, access http://intranet.massgeneral.org/landerbuilding.

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**Capt. “Sully” visits the MGH**

**CAPT. C.B. “SULLY” SULLENBERGER** — famous for his water landing of U.S. Airways Flight 1549 on the Hudson River in 2009 — made a brief landing in Boston Sept. 23 to learn about local approaches to patient safety. During his visit, which was coordinated by Jeffrey B. Cooper, PhD, executive director of the Center for Medical Simulation (CMS) in Cambridge, Sullenberger stopped by a CMS course for Harvard Medical School anesthesia faculty and then visited the MGH Learning Laboratory with Director James A. Gordon, MD, MPA.

“Capt. Sullenberger is a national icon for managing a crisis situation successfully,” says Cooper, who also is a biomedical engineer in the MGH Department of Anesthesia, Critical Care and Pain Medicine. “We were delighted to have him visit both the CMS and MGH.”

At the MGH Learning Laboratory, Sullenberger had the chance to place a central line under ultrasound guidance and intubate a simulated patient using video laryngoscopy. He also participated in a discussion about safety and simulation with members of the Learning Lab. Sullenberger stressed the importance of training in teamwork and crew resource management skills. He said those aspects made the difference in the Hudson landing and can prevent crises in other situations, including ones in health care.

“As we at MGH strive to demonstrate how the traditional culture of medicine can embrace and operationalize routine simulation and training to enhance patient safety, individuals like Capt. Sullenberger can provide invaluable guidance and counsel,” says Gordon.

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**SUPPORTING SCHOLARS:** From left, Marmen, Kayitesi, Tirza, Mahamound, Abayaah and Brutus

**SIMULATION EDUCATION:** From left, Gordon, Sullenberger and Alex Derevianko, MD, MA, surgical simulation specialist and educator
Saying ‘I Do’ in the Lunder

“NOBODY PLANS to get married in a hospital,” says 27-year-old Arnoldo Andrade, squeezing the hand of his new bride, Josiane Dasilveira, who underwent surgery to remove a brain tumor in mid-August. “But I didn’t want to postpone it and neither did she. So the MGH said we could get married here.”

The Sept. 17 ceremony took place in the bright and welcoming Herscot Atrium of the new Lunder Building, just one floor below the Neurosciences Acute Care Unit on Lunder 7, where Dasilveira is recovering. Although it was a markedly different day than the Somerville residents envisioned when originally planning their nuptials, there were flowers, a cake and festive red bridesmaid dresses. And, the ceremony featured what for the couple was the most important detail – the church’s blessing. “It was beautiful,” Andrade says. “The blessing really stood out to us.”

MGH staff joined forces to ensure the wedding was a success. Janice Amihan, RN, of Lunder 7, created the decorations for the ceremony. The MGH Flower Shop provided flowers, Nutrition and Food Services supplied food for the reception and an MGH photographer was on-hand to document the event.

Honeymoon plans have been put on hold for now as the months ahead will focus on physical and occupational therapy. “She’ll go through rehab first, but then we’ll think about it,” Andrade says. One thing that is certain is they’ll have a second wedding ceremony, the one that Dasilveira has long dreamed about.

“I was 16 and she was 16, and we were both just in high school when we met. It wasn’t love,” Andrade says of their 12-year relationship, which began in Minas Gerais, Brazil. “We didn’t even know what love was back then.”

Sitting under a handcrafted “Just Married!” sign taped to the bedside window, Dasilveira and Andrade hold hands and look at each other – they now know just what love is.

SURF’S UP AT MGHfC

A GROUP OF Hawaiian surfing and mixed martial arts champions recently took time to “hang ten” with MassGeneral Hospital for Children (MGHfC) patients on the Pediatric Intensive Care Unit, Ellison 17 and 18. The visit was made possible by the Mauli Ola Foundation, which is dedicated to introducing surfing to patients with genetic disorders, especially cystic fibrosis, who may be helped by the healing properties of the ocean. When the foundation can’t bring patients to the sea, representatives visit hospitals like MGHfC. The special visitors took time for photos, gave autographs and offered a few fun lessons on the culture and language of Hawaii. They also brought the patients T-shirts, hats, headphones, stickers and posters.

For brain tumor patient Gidge Farraher and his family, it made his last inpatient day of chemotherapy seem like a day at the beach. “I’ve never been to Hawaii but would like to go some day,” says Gidge. “I’m not sure I’m ready to surf the big waves, but I’d love to boogie or maybe wake board with these cool dudes! They told me they could keep the sharks away, too!”

THE POWER OF DETERMINATION

FOR MORE THAN A DECADE the MGH has supported the Association of Multicultural Members of Partners’ (AMMP) initiative to assist employees of minority backgrounds in their efforts to pursue college degrees or other educational programs. On Sept. 8, the 2011 AMMP Scholarship recipients were honored during a ceremony in the East Garden Room. This year’s recipients are Evelyn Abayaah, Christa Brutus, Nghi Huynh, Chantal Kayitesi, LPN, MPH, Christine Marmen, Farhiya Mohamoud, Claudio Rodriguez, Tirza Martinez and Fabella Narcisse.

“In an economic environment where many organizations are tightening their purse strings – often removing funding for ancillary programs – we can all be proud that MGH has made a commitment to AMMP and other programs that support and enhance the work-lives of multicultural professionals across our institution,” says Kirk Jones, chair of the AMMP committee and MGH Information Security officer.

In her address, Melinda Reid-Veress, two-time AMMP Scholarship recipient and manager of Nutrition and Food Services Training, told attendees, “Keep a photo frame from MGH with the inscription ‘The power of determination’ and put a picture of yourself in the frame. When you hit a temporary roadblock in your educational plans, draw inspiration from it.”
ANGELS ABOVE: Pictured with MassGeneral Hospital for Children (MGH/FC) Hematology/Oncology Unit Chief Howard Weinstein, MD, is the Girl Scouts of Eastern Massachusetts Troop 77465. The girls recently donated casts, blocks, markers and coloring books for the unit’s pediatric patients. The donation was made in honor of former MGH/FC patient and Girl Scout Ayesha Chauhan, who died in March 2011 at 17 years old after a two-year battle with cancer. Ayesha dedicated the last months of her life to creating bracelets, which she sold to raise funds for gifts for her fellow patients. Inspired by Ayesha’s efforts and wanting to continue her legacy, Ayesha’s mom created Ayesha’s Angelware and helped the troop design and sell bracelets to finance their donation to MGH/FC.

WHAT’S HAPPENING

Heart Center education class
The MGH Heart Center is holding its monthly patient and family education class, “Self-Care Techniques for Patients with Heart Failure,” Oct. 5 from 10:30 to 11:30 am in the Yawkey Center, Room 10-660. This month’s scheduled speaker is Kim Parks, MD. For more information or to register, call 617-643-1452.

Domestic Violence Awareness
October is Domestic Violence Awareness Month. Events scheduled include information and awareness tables in the central lobby Oct. 4 and Oct. 12 from 10 am to 2 pm and Oct. 20 from 7 to 11 pm. A panel of speakers from the MGH Chaplaincy, Employee Assistance Program, HAVEN and Police and Security will discuss “How to Support Someone Experiencing Intimate Partner Violence” Oct. 13 from noon to 1 pm in the Yawkey Center, Room 2-210. A light lunch will be served.

Health Literacy Month
The MGH Collaborative Governance Patient Education Committee will host activities to highlight Health Literacy Month: a health literacy information table in the White Lobby Oct. 12 from 8 am to 3 pm; Andrea Powers, RN, BSN, MS, will present “How to Take an Active Role in Your Health Care” for patients and families Oct. 5 from noon to 1 pm at the Blum Center, White 110; and Jen Saral, MLS, will address “Health Literacy: Just the Facts Ma’am” for staff Oct. 25 from noon to 1 pm in the Haber Conference Room, Blake I.

HMS funding opportunities
HMS faculty and postdocs are invited to apply for fellowships and grants through the HMS Foundation Funds. Several awards are available to investigators who must first apply for the nomination through the HMS Foundation Funds. A committee will select the final candidates to submit applications. Applications must be submitted online by Oct. 18 at 5 pm. For more information, contact Erin Cromack at 617-432-7463 or erin_cromack@hms.harvard.edu or access www.hms.harvard.edu/foundations.

Connected Health Symposium
The Center for Connected Health will host its eighth annual Connected Health Symposium “Driving Quality Up and Costs Down: New Technologies for an Era of Accountability” Oct. 20 and 21 at the Boston Park Plaza Hotel and Towers. The event features technology leaders, community-based practitioners, health plan leaders, large employers, government policymakers and leading investors. For more information, contact Jennifer Kimmel at jkimmel@partners.org or 617-643-1452.

IN GENERAL

The MGH was among 18 Massachusetts businesses honored Sept. 22 by Lt. Gov. Tim Murray and English Works for its programs to help immigrant workers learn English. On hand to accept the honor were Carlynne Prince-Erickson, director of Employee Education and Leadership Development for the MGH, and Beth Butterfoss, lead instructor of the ESOL program. The longstanding, on-site ESOL program at the MGH is conducted in collaboration with the Jewish Vocational Services.

Margaret Spinale at mmspinale@partners.org or 617-643-3905.

Warren Alpert Foundation symposium

The Warren Alpert Foundation and HMS Dean Jeffrey S. Flier, MD, will present the Warren Alpert Foundation Prize Symposium “From Drug Delivery to Tissue Engineering, Bioengineering and its Impact on Human Health” Oct. 6 at 2 pm in the Joseph B. Martin Conference Center in the New Research Building at HMS. Speakers include the winners of the 2011 Warren Alpert Foundation Prize – Robert Langer Jr., ScD, senior lecturer on surgery at HMS, and Alain F. Carpentier, MD, PhD, head of the Department of Cardiovascular Surgery at the Hôpital Européen Georges Pompidou. To register, email events@hms.harvard.edu.

Chair and laughter yoga

Laura Malloy, LICSW, Benson-Henry Institute for Mind Body Medicine certified yoga instructor, is offering personalized chair or laughter yoga sessions. Chair yoga is recommended for individuals new to yoga or those who want to learn tools to reduce stress at their desk. Laughter yoga combines laughter exercises with relaxing yogan breathing techniques to relieve stress, enhance mood and improve health. Both are ideal for all ages. Malloy is available to come to MGH offices or practices to enhance or kick-off a staff meeting, training session, retreat or personnel function. For more information, contact Malloy at 617-643-6061 or lmalloy@partners.org.