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✓ Table of contents navigation (click to go)
✓ High-resolution color images

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A Personal Message
From Bonny Kellermann ’72
Director
MIT Katharine Dexter McCormick Society

This spring has been a particularly exciting time at MIT with the 150-day-long celebration of MIT’s 150th anniversary (including the new Global Challenge), new buildings, changes in the senior administration, the tenth anniversary of OpenCourseWare and more.

Under the Dome
Class of 2015
It is starting to sound like a broken record, but once again, MIT had a record-high number of freshman admission applicants: 17,909. The opening of Fariborz Maseeh Hall in the fall of 2011 allowed MIT to admit a larger class, but still only 9.6% of those who applied were offered admission—the most selective year ever. It is clear that the type of educational opportunities offered by MIT are highly valued.

To follow up with questions or requests for additional information, contact: Bonny Kellermann ’72,
P: 617-253-9722  E-mail: bonnyk@mit.edu
Changes in Senior Administration

Chancellor

Eric Grimson, PhD ’80, began serving as MIT’s Chancellor on March 1, 2011, succeeding Phillip Clay, who served in this role for almost a decade. (See Fall 2010 KDMS Newsletter for additional information about Chancellor Clay’s service to MIT). Members of KDMS met Professor Grimson when he served as a fascinating speaker for our Fall 2010 KDMS Annual Appreciation Day event. Chancellor Grimson is the Bernard Gordon Professor of Medical Engineering and had been Head of the Department of Electrical Engineering and Computer Science since 2005. In addition to having served as an MIT faculty member since 1984, Grimson also received a PhD (in mathematics) from MIT in 1980. Susan Hockfield made the following statement in announcing this important appointment: “I am very pleased that Professor Grimson has agreed to take on this critical post. He has demonstrated in every imaginable way his commitment to ensuring the fullness of the educational experience of our students. His record of scholarship, teaching and service to MIT is measured not only in decades, but also in the thousands of students he has taught, advised and mentored.” For more information about Eric Grimson, see the complete announcement of his appointment at: http://web.mit.edu/newsoffice/2011/grimson-chancellor-0210.html

We will look forward to having Chancellor Grimson serve as host for our upcoming KDMS Annual Appreciation Day event on Sunday, September 18, 2011. (See p. 9 for information about this program.)

Dean for Graduate Education

Christine Ortiz, Professor of Materials Science and Engineering, was appointed Dean for Graduate Education on August 1, 2010.

Ortiz, whose research in MIT’s Department of
Materials Science and Engineering (DMSE) focuses on the structure and mechanics of biological materials, succeeded Steven R. Lerman ’72, who left MIT to become Provost and Executive Vice President for Academic Affairs at George Washington University.

A member of the MIT faculty since 1999, Ortiz has served as a member or chair on several department, school and Institute committees, including those that focus on undergraduate and graduate education, mentoring, international strategy and diversity. She was a member of MIT’s Initiative on Faculty Race and Diversity and is often invited to speak at panels and workshops geared to improving the experiences of underrepresented minority students and faculty members. In 2009, she received a Dr. Martin Luther King Jr. Leadership Award for recognition of service that reflects the late civil rights leader’s ideals and vision.

As the former chair of the DMSE Departmental Committee on Graduate Students, Ortiz helped lead an extensive review and revision of the department’s graduate curriculum. She is also the founding and current faculty director of the MIT International Science and Technology Initiatives (MISTI)-Israel international exchange program.

Phillip Clay, chancellor at the time that the appointment was announced, said the following about the appointment: “Professor Ortiz will bring creative energy to her work with graduate students and faculty. In selecting her, we were impressed with the thoughtfulness that characterizes how she deals with students and faculty.”

Her leadership achievements at MIT and in her profession have been recognized by her peers and in awards, including the National Science Foundation Presidential Early Career Award for Scientists and Engineers, which was presented to her by former President George W. Bush. In 2008, she won the National Security Science and Engineering Faculty Fellow Award from the Department of Defense.

For more information about Christine Ortiz’ appointment as Dean for Graduate Education at MIT, see: http://web.mit.edu/newsoffice/2010/graduate-dean-ortiz.html
Dean of Engineering
Ian Waitz, the Jerome C. Hunsaker Professor of Aeronautics and Astronautics and former Head of the Department of Aeronautics and Astronautics, became Dean of MIT’s School of Engineering on February 7, 2011. He succeeds Subra Suresh, ScD ’81, who is now serving as the Director of the National Science Foundation. Provost L. Rafael Reif made the following comment about this appointment: “Dean Waitz will continue to build on the tradition of excellence that is the hallmark of MIT’s School of Engineering. In the two decades since joining the MIT faculty, he has demonstrated his abilities as an innovative thinker, a gifted teacher, and an effective leader. He brings tremendous energy and enthusiasm to this position, and I look forward to his leadership and to working closely with him to keep MIT at the forefront of engineering research and education.” More information about this appointment can be found at: http://web.mit.edu/newsoffice/2011/waitz-eng-dean-0201.html

Electronic Access to MIT Information
This is a reminder that you can get electronic access anytime to MITnews, MIT Faculty Newsletter, letters from Susan Hockfield, and the KDMS Newsletter. Contact us at <kdms@mit.edu> for specific links or if you would like to subscribe to receive MITnews electronically or receive electronic alerts when the new MIT Faculty Newsletter is online. You can also contact us if you would like to receive this newsletter electronically. Doing so will get the information in your hands sooner and make it easier to link to other information that is referenced. You can always view the KDMS newsletter online at: http://giving.mit.edu/ways/planning/kdms/.

More and more information is being made available electronically. If you have an e-mail address that you have not previously shared with MIT, I encourage you to do so. It will allow us to provide better information to you.
(continued from previous page)

**Campaign for Students**
The Campaign for Students will conclude in June 2011. Many thanks to those who have supported this campaign in support of student aid and student life initiatives. As of April 27, 2011, over $550 million has been raised from over 47,000 donations. These gifts will provide valuable resources for MIT students. There are still areas where additional support is needed: undergraduate scholarships and graduate fellowships, Maseeh Hall, the new floating dock at the MIT Sailing Pavilion, the renovation of the fencing room, to name just a few. An additional (or first) gift to the Campaign for Students before it concludes in June 2011 would be greatly appreciated.

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**William Barton Rogers (WBR) Scholarships**
I would like to tell you about a specific new opportunity to provide support for a named expendable scholarship with a William Barton Rogers Scholarships. Gifts of $10,000 will be used to provide scholarship support for a student for one semester. These scholarships will be stewarded in a manner similar to named endowed scholarships: you will receive feedback about the student being supported, the student will learn that their support comes from you, and you will be invited to MIT’s annual Stewardship Brunch, where you may meet the student who is the recipient of your support. (If you or the student can not attend, we will try to find some other opportunity for you to meet.)

Contact me at <bonnyk@mit.edu> if you would like additional information specifically about the WBR Scholarships or about supporting MIT’s Campaign for Students.

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**OpenCourseWare**
OpenCourseWare (OCW) is celebrating its 10th anniversary this spring. On April 4, 2001, MIT announced it would publish educational materials from all of its courses freely and openly on the Internet. Ten years later, OCW has shared materials from more than 2,000 courses
with an estimated 100 million individuals worldwide. For OCW’s Next Decade, MIT has set the ambitious goal of increasing the site’s impact tenfold—reaching a billion minds. Your support can help to reach this goal, and will support the publication of new materials and the development of innovations to spread OCW resources more widely. To learn about OCW needs, contact me at <bonnyk@mit.edu>. For more general information about OpenCourseWare, visit http://ocw.mit.edu/.

Maseeh Hall
Fariborz Maseeh Hall will open its doors to more than 450 undergraduates in the fall of 2011. The renovation of this building as an undergraduate dormitory allows MIT to increase the size of the undergraduate student body. The generous gift from Fariborz Maseeh, ScD ’90, along with other donations, made it possible for MIT to move forward with the renovation. However, there are still unmet costs, so additional gifts would be welcome. There are still naming opportunities.

MIT150
The MIT150 Celebration is in full swing from January to June 2011.

MIT150 Exhibition
The MIT150 Exhibition opened in the new Thomas Peterson ’57 Gallery at the MIT Museum on January 7, 2011. If you haven’t seen it, you should definitely make plans to visit the MIT Museum before this exhibit closes on December 31, 2011. The Museum is displaying 150 evocative objects selected to reveal the extraordinary qualities of the Institute throughout its history.

The MIT150 homepage, with information about all of the MIT150 programs, is at: http://mit150.mit.edu/

(continued on next page)
Symposia
A series of six symposia were held as part of the MIT150 celebration. For those who were not able to actually attend these symposia, you can view the video archive of each event from the symposia websites:

http://mit150.mit.edu/symposia/economics
http://mit150.mit.edu/symposia/conquering-cancer
http://mit150.mit.edu/symposia/women-of-MIT
http://mit150.mit.edu/symposia/computation
http://mit150.mit.edu/symposia/exploration
http://mit150.mit.edu/symposia/brains-minds-machines

(Archived videos post shortly after the most recent symposium.)

Festival of Art, Science, and Technology (FAST)
A festival celebrating MIT’s unique confluence of art, science, and technology was a prominent feature of the MIT150 celebration. The celebration included five festival weekends, the U.S. premiere of Tod Machover’s opera: Death and the Powers, provocative architectural installations, and various concerts. It culminated with the FAST Light Festival on May 7, an evening of kinetic illumination on the Charles River side of the campus.

April 10 Convocation
Nearly 8,000 members of the extended MIT family gathered at the Boston Convention and Exhibition Center on Sunday, April 10, 2011 for The Next Century Convocation to celebrate exactly 150 years since MIT’s charter was signed (on April 10, 1861). The theme was the “habits of mind” fostered by MIT research and education: integrity, diligence, service, social responsibility, and creativity. The Honorable David S. Ferriero, the 10th Archivist of the United States and a long-time staff member in the MIT Libraries, was the keynote speaker. We knew that this day would be something special as the program opened with a rousing drumming performance by the Rambax MIT Senegalese
Drum Ensemble, led by lecturer Lamine Touré and associate professor Patricia Tang, as a procession of MIT’s administrators, faculty, staff, alumni and students entered the hall in full academic regalia.

**John Reed** ’61, SM ’65, Chairman of the MIT Corporation, opened the program, followed by President **Susan Hockfield**. Both reflected on the Institute’s past accomplishments based upon the philosophy of MIT’s founder, William Barton Rogers, and looked forward to the future building on MIT’s commitment to meritocracy and hard work to solve the world’s most pressing problems.

Prominent faculty representing each of the academic schools shared their perspectives. Institute Professor and Nobel laureate **Phillip Sharp** (HM) said that “the mission of MIT is to create the future,” and added that one of its longstanding principles has been one of true meritocracy based on actions: “The contributions of a new student are as important as those of a senior professor,” he said. Institute Professor and former U.S. Secretary of the Air Force **Sheila Widnall** ’60, SM ’61, ScD ’64 said that “I am a strong believer in the uniqueness of the MIT undergraduate program.” She said that Rogers’ “unique vision never ceases to amaze me,” and added that “it is up to us to continue the quest.” **David Mindell** PhD ’96, director of MIT’s program in Science, Technology, and Society; Frances and David
Dibner Professor of the History of Engineering and Manufacturing; and Professor of Aeronautics and Astronautics, said that when Rogers “put the T in MIT,” the word technology was still new and little-used, and he “brought the word, and the very idea, into American consciousness.” “Our founders intended to create something new,” said Professor of City Planning and Senior Advisor to the President Philip Clay PhD ’75, and in doing so “what they in fact did was create an institution that would be relevant beyond a time they could imagine.” From the beginning, MIT was committed to “the recognition of excellence and merit—talent, not legacy.” Professor of Management Lotte Bailyn, former chair of the MIT faculty, noted that equality of opportunity has improved dramatically through the years. When she first visited MIT, there was “exactly one woman” on the faculty, but when a report showed the unequal treatment of women here the administration quickly “looked at the facts, accepted them, and acted.” Today, women make up 21 percent of the faculty, she noted. Institute Professor Robert Langer ScD ’74 recounted how when he first attempted to use the tools of chemical engineering to improve the delivery of drugs—at the time, an unheard-of crossing of disciplinary boundaries—many people told him not to bother. “People will tell you that it’s impossible, that it will not work,” he said. “It’s rarely true. There is very little that is truly impossible.”

The musical compositions commissioned by the MIT Council for the Arts (written by MIT music faculty Charles Shadle, Elena Ruehr, Keeril Makan, Mark Harvey, and Peter Child), were performed by the MIT Chamber Chorus, MIT Concert Choir, Festival Jazz Ensemble, MIT Jazz Choir, MIT Symphony Orchestra, and the MIT Wind Ensemble. MIT music faculty Frederick Harris, Adam Boyles, William Cutter, and John Harbison led the ensembles in breathtaking performances.

Parts of this article were from MITnews. See the entire article at: http://web.mit.edu/newsoffice/2011/mit150-convocation-0411.html.

A video of the convocation proceedings can be viewed at: http://amps-web.amps.ms.mit.edu/public/150th/apr10/Main-highvideoOD.html.
Open House
Under the Dome: Come Explore MIT was a day-long, campus-wide open house that provided opportunities for the public to explore exhibits, demonstrations, and performances throughout the campus.

Toast to Tech
For those who will be in the Boston area on Saturday, June 4, 2011, be sure to come to Killian Court from 9:30 p.m. - 11 p.m. to raise a glass of champagne, have a slice of anniversary cake, and join with alumni, students, and friends of MIT to celebrate 150 years of MIT. The event features live entertainment, and commemorative souvenirs. The event is free, but pre-registration is required.

Infinite History
As part of the MIT150 celebration, the Infinite History was created, consisting of first-person recollections of more than 100 people who have shaped MIT. View these fascinating interviews at your convenience at: http://mit150.mit.edu/infinite-history.
The MIT Global Challenge (http://globalchallenge.mit.edu) is a new initiative of the MIT Public Service Center that seeks to spark an unprecedented level of collaboration among students at MIT, the worldwide MIT alumni network, and communities around the world.

This year—a special year as the Institute celebrates 150 years of service to the world—more than 80 teams have entered ideas that address barriers to well-being in communities in 24 countries. This year’s competition provided $150,000 in implementation awards—up to $25,000 per team.

The launch of the MIT Global Challenge this year cracks open what has traditionally been a campus-based competition process, translating the MIT community’s latent curiosity and problem-solving prowess into a vibrant network of support—a platform for bringing the global MIT alumni community into student innovations.

Through the Global Challenge, teams can create public profiles that they use to garner interest and support from MIT alumni and collaborators around the world. Users can post “Help Offered” or “Help Wanted” ads, comment on projects, and connect directly with teams.

The Global Challenge is inspired by the MIT IDEAS Competition, an annual invention and entrepreneurship competition that invites graduate and undergraduate students at MIT to apply their problem-solving skills to barriers to human well-being in partnership with community-based organizations. Since 2001, IDEAS has awarded more than $250,000 to 64 teams working in 26 countries across a range of issues—from water and sanitation to medical devices to energy and the environment. Teams have used their implementation awards to leverage more than $3.4 million in follow-on funding, going on to create new ventures and technology transfer initiatives.

You can find information about this year’s (and past year’s) IDEAS or Global Challenge Award winners at: http://globalchallenge.mit.edu/teams/winners
Arriving in Cambridge at the end of June in 1944 to enter with the Class of “2-47” was the start of my great adventure with MIT. Those of you who were here during World War II will remember that the 2 meant that we were to graduate in February, which meant, in turn, that we were to complete our eight terms in two years and eight months—no vacations, a week’s break between terms, Saturday classes, and only the very occasional day off. Classes were cancelled on Thursday afternoon for Thanksgiving. Christmas break was a four-day weekend. Tech was Hell. But there was a certain rhythm to it all. We were young, resilient, determined, and full of energy. There was a broad range of extra-curricular activities for diversion—I joined The Tech, Dramashop, and the Glee Club—and we went with the flow.

For me the most captivating feature of MIT was not the massiveness of the buildings, the length of the main (since aptly renamed Infinite) corridor, the radomes on top of Building 6, nor the Alumni Pool with its high-walled garden (we swam and sunbathed in the nude—except for Friday nights when there was mixed swimming), impressive as they all were. It was the Sailing Pavilion. I could learn to sail! The broad Charles River Basin beckoned. Smelly as it was back then—a wit once described the river as too thick to pump and too thin to plough—I was thrilled at the prospect of cruising on it in a dinghy. I joined the Nautical Association, went to shore school, learned to tie all the knots (my favorite was the stuns’l tack bend, used to secure the mainsail to the boom), passed the tests and qualified as a sailor. Now there was real relaxation. I sailed as often as there was time.
After graduate school, I returned home to South Africa and thence to England. But MIT beckoned and I came back to Cambridge. After several years in furnished one-room apartments, I was able to move into a two-room flat on the garden level at 100 Memorial Drive. In its day the building was unique. Completed in 1949, it was then the only apartment building in the metro-Boston area, if not all of Massachusetts, with balconies. There are corridors only on the 2nd, 5th, 8th, and 11th floors. The apartments above or below are reached by interior stairways. It received much recognition in the architecture magazines. But for me the best part was that the Sailing Pavilion is just across the road. Soon enough I bought my sailing ticket, and got into the habit of going over every Saturday, as possible, from late spring to early fall at noon for an hour around the basin.

But it never was an hour. Every time I headed for the dock, I said to myself, “just one more swing bridge to bridge, just one more turn around the basin.” I loved to ride the wake of the tourist boats. I learned to respond to the unpredictable venturi winds from the cross streets, Arlington to Hereford, of the Back Bay, and to prepare myself for the sudden switch of the summer wind from westerly to onshore, predictably around four in the afternoon, when many of the boats near the Longfellow Bridge would tip over. (I’m proud of the fact that while I came close at times, I never had a dip in the murky waters of the Charles.) Invariably my one hour extended to sunset, despite my determination each time that I would return in an hour.

When I married and we bought a house in Lexington, my weekly excursions were diminished to every now and then, and eventually stopped altogether. My thoughts of buying a Sunfish never materialized, and my sailing was reduced to those very occasional vacations that took us to places with navigable waters. Today I doubt that with the stiff joints that come with advancing years, I would be nimble enough to move about in the confines of a dinghy. The fond memories remain.
So when Candace Royer, formerly Director of Athletics and now Associate Director of Development for Athletics (DAPER), approached me to discuss the project to build a new dock for the Sailing Pavilion, it was, as they say, a no brainer for me to pledge to buy a dinghy—at a very reasonable price as these things go. I have named it *Fanny Brenner* in memory of my mother who sacrificed a good deal to help me through MIT. And I look forward to sailing my dinghy on its maiden voyage—and to keep my no-tip record intact.

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**MIT Sailing 75th Anniversary Renewal Project**

MIT is currently raising money to install a new floating dock system to counteract the effects of the dramatically changing water levels of the Charles River Basin. Low water levels damage the boats when they are tied up and pulled out of the river. A floating dock attached to the existing fixed dock will solve this problem and double the expected life of MIT’s fleets of boats.

MIT’s fleet of Tech Dinghies will be the first fleet to be renewed after the new dock is installed. (Buying new boats before the dock was installed was like throwing away money, since the boats were getting so banged up when water levels were low.)

Funds are still needed to support the cost of the new floating dock and the new fleet of Tech Dinghies. Contact Bonny Kellermann at bonnyk@mit.edu or 617-253-9722 if you would like to receive more information about either project.
Cardinal and Gray Academy
Friday, June 3, 2011
8:30 a.m. – 1:30 p.m.
Hyatt Regency Cambridge
Cost: $42 per person, includes breakfast and luncheon
Once again, MIT will be holding a program for members of MIT’s Cardinal and Gray Society (those who have reached their 50th reunion). All members of the Katharine Dexter McCormick Society (KDMS) are welcome to participate in this program, even those members who are not members of the Cardinal and Gray Society. There is a great program planned for this year, with Peter De Florez Emeritus Professor of Humor S. Jay Keyser (HM) as the keynote speaker discussing his travels in Bhutan with the MIT Alumni Travel program. There will also be breakout sessions to hear Cecilia d’Oliveira ’77 talking about MIT OpenCourseWare or Natalie Kuldell discussing Redesigning Life: teaching science and engineering with synthetic biology; and Joe Collins (HM) discussing the Early History of the Alumni Association or Richard Amster and Pam Delphenich discussing MIT 2030: The Future of the MIT Campus. Contact Bonny Kellermann if you are interested in registering for this program and have not already done so.
**Toast to Tech**  
Saturday, June 4, 2011  
See MIT150 events (p. 11) for details.

**Alumni Leadership Conference**  
Friday-Saturday, September 16-17, 2011  
Those of you who serve as alumni volunteers will be receiving information about the Alumni Leadership Conference (ALC) to be held on Friday, September 16 and Saturday, September 17, 2011. There will be many sessions that you may find interesting. Even if you are not an alumni volunteer, you are welcome to participate. Contact Bonny Kellermann if you would like to receive information about this and are not currently an alumni volunteer.

**MIT Sailing Dock And Fleet Commissioning**  
Saturday, September 17, 2011  
1:00 p.m.  
There will be a celebration, open sailing, and a reception to celebrate 75 years of sailing at MIT and to celebrate the new floating docks and the new fleet of Tech Dinghies.

**Katharine Dexter McCormick Society Annual Appreciation Event**  
Sunday, September 18, 2011  
10:30 a.m. (tentative)  
You will be receiving additional information at a later time with details about the Katharine Dexter McCormick Society Annual Appreciation Event planned for brunch on Sunday, September 18, 2011. Chancellor Eric Grimson will serve as host for this event.
The following may be of interest to age-appropriate KDMS members.

**Charitable Remainder Unitrusts (CRUTS) Invested in MIT Endowment**
An MIT Unitrust pays 5 percent of its fair market value, valued annually, to up to two beneficiaries age 50 or older. The minimum to establish a Unitrust is **$100,000**. You can fund a Unitrust with cash, securities, real estate, or personal property. Income from the trust will increase if the trust principal grows over time. Those establishing CRUTS are now able to invest the assets of their trust in MIT’s endowment. Such investments allow for significant diversification and growth potential. In FY10, MIT had a 10.2% return on the endowment performance. More information is available at: [http://giving.mit.edu/ways/invest-endowment/](http://giving.mit.edu/ways/invest-endowment/).

**Gift Annuities**
Gift annuities remain a popular option particularly for those who are over 70 years old and want a high fixed guaranteed rate of income. Information about gift annuity opportunities can be found at [http://giving.mit.edu/ways/planning/#cru](http://giving.mit.edu/ways/planning/#cru).

**Extension of the IRA Charitable Rollover**
The Tax Relief Act of 2010 extends the benefits of the IRA charitable rollover through December 31, 2011. The IRA charitable rollover allows those who are 70½ and older to make tax-free distributions of up to $100,000 directly to MIT from their Individual Retirement Accounts (IRAs) without those contributions counting as gross income. (Please note that there is no federal income tax deduction available for such gifts in addition to their income exclusion benefits.)
This may be advantageous to eliminate state income taxes. You can find more information about this provision on the MIT Giving website at: http://giving.mit.edu/ways/noncash/#ira.

Please know that (in recent years) gifts made for CRUTS or gift annuities can be designated for **virtually anything**.

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**Sample benefits**

$25,000 gift annuity with a single beneficiary:

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<th>Annual income</th>
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<tr>
<td>90</td>
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</table>

*(Numbers are based on March 2011 ACGA rates and are subject to change.)*

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For more information about any of the above planned giving opportunities, contact: **Judy Sager, MIT Director of Gift Planning**

**E-MAIL:** jsager@mit.edu  **P:** 617.253.6463