The arrival of fall in New England is always a special time of year. The days turn cooler, the nights crisper, and the light accentuates the changing colors. It also signals a new beginning at MIT. Each year at this time a new class of students joins the MIT community, committed to inquiry and discovery, bringing a renewed sense of enthusiasm to this special place. This year’s annual sense of renewal has special meaning for the Libraries as we have embarked on a number of renewal initiatives ourselves. Maybe most obvious to you is that we’ve given the Bibliotech newsletter a new, fresh design that reflects the energy and vitality of what’s going on in the Libraries, and presents our latest news, events, and activities in a visually pleasing format. This also coincides with a redesigned library website launched this summer. The website enhancements, informed by focus groups, interviews, and usability testing, greatly improved the site’s ease-of-use, look, and mobile accessibility.

But what might have the most significance in the long run, is the exciting new project to develop a plan for a phased renovation of Hayden Library and create design concepts for further improvements in both Barker and Rotch Libraries. More details on this can be found inside this issue.

You will also find detailed inside the progress we’ve made to date with the rich and large archive of Noam Chomsky, the unveiling of our new Digital Sustainability Laboratory, and the work we’ve been doing to contribute to campus wellness through our therapy dog program. And you will find a profile of the newest member of our senior leadership team.

The work the Libraries do wouldn’t be possible without the strong support of the MIT administration, MIT faculty and students, and our loyal donors. As is our tradition in the fall issue of the Bibliotech, we acknowledge all the wonderful people who have been generous to us over the past year. We also highlight the exceptional generosity of two of our most prominent donors—Andrea and Gary Gregory.

So please enjoy this issue, and let me know what you’re thinking about our renewal efforts and the Libraries at MIT.

Steven Gass
INTERIM DIRECTOR OF THE LIBRARIES
617-235-7058
sgass@mit.edu
Unboxing the Chomsky Archive

New website offers a glimpse at a lifetime of work, and the chance to support it

Two years after the MIT Libraries’ Institute Archives were chosen as the stewards of Noam Chomsky’s personal papers, over 260 boxes of the professor emeritus’ materials have been transferred, organized, and re-housed in the Archives.

A new website libraries.mit.edu/chomsky offers a preview of some of the unique materials found in the collection, as well as a way to support the archival project. Through slideshows on the site you can explore Chomsky’s contributions to MIT, the field of linguistics, his political activism, and his dedication to social justice. Read notes Chomsky prepared for lectures, go to the front lines of political protests he attended, read his personal correspondence with other great thinkers, and learn how his views shaped the political discourse.

The Chomsky Archive Needs Your Help
Additional funding is needed to further expand access to this valuable resource for students, researchers, and those wishing to preserve Chomsky’s remarkable legacy. A gift of any size will contribute to this important work.

With your help we will:
- Process the collection, ensuring that any restrictions, fragile materials, photographs, and digital materials are handled with care, and that materials are described accurately for researchers and future digitization purposes.
- Digitize the collection so that researchers from all over the world can have access to the materials without physically visiting MIT.

Help us toward our $1.5M goal
Go to libraries.mit.edu/chomsky and click the “Give Now” button, or contact us at chomskyproject@mit.edu

260 BOXES OF ARCHIVAL MATERIAL

Over 260 boxes of notes, photographs, correspondence, and other rare and unpublished materials have been gathered. The monumental task of processing and digitizing the collection is underway.

photo credit: Philip van Ootegem
Hayden Library Redesign

Creating spaces that support new teaching, scholarship, research, and collaboration

“In the applications of technological process to intellectual expansion, there lies a natural field of leadership for MIT. Accordingly, the Hayden Library will provide a laboratory in which these and other processes can be explored.”

—— The Charles Hayden Memorial Library, 1946

These words, written at the dawn of the post-war era, outlined MIT’s ambitious plans for its new central library, the Charles Hayden Memorial Library. Designed to serve as an “integrating force” at the Institute, the Hayden Library launched the expansion and modernization of MIT’s academic facilities. After opening in 1951, Hayden served this role well for many years, adapting to technological and programmatic changes, and hosting generations of MIT students. Now over sixty years old, Hayden Library requires significant investment to renew the building’s infrastructure, and to provide the flexibility needed to meet the needs of current and future students, faculty, and researchers. The redesign of Hayden also provides an opportunity to rethink library spaces across campus.

The Libraries began exploring library space upgrades in the fall of 2011, and engaged the architecture firm Shepley Bulfinch to develop a framework for space planning over the next five to ten years. Completed in June 2012, the Phase One report envisions library spaces in Hayden (Building 14) as the hub of the library system, providing a rich mix of learning
environments and collections for science, engineering, humanities, music, and archives. It endorses the concept of Hayden becoming a library-centric academic village. To complement the remodel of Hayden, the report suggests that Barker Library, in the dome of Building 10, should expand its 24-hour study spaces, offering a mix of quiet study, collaborative, and instructional space, but largely without tangible collections or a traditional staffed service point. Two specialized facilities, meeting the needs of their campus neighborhoods, would remain: Rotch Library in Building 7, serving architecture, art, and planning; and Dewey Library in E53, serving management, economics, and political science. Such a strategic shift would strengthen the Libraries’ ability to support and enhance the academic priorities of the Institute.

Additionally, MIT’s Capital Renewal Program documented numerous capital renewal needs to be addressed in library spaces including accessibility, safety, and infrastructure issues (elevators, mezzanines, restrooms, and HVAC). Based on these reports, MIT approved the launch of Phase Two of library space planning last fall and selected the firms Shepley Bulfinch, and Van der Weil Engineering to create conceptual and schematic designs for a series of phased renovations that will respond to both program and capital renewal needs within Hayden Library. The project will also create conceptual designs for targeted renovations to Barker Library’s 5th floor perimeter and upper floors (building on the successful renovation and restoration of the 24x7 reading room), and improvements to Rotch Library.

Feedback and support from the MIT community are essential to any library space changes. Meetings have been held with faculty, students, and staff to solicit program ideas for library spaces with a particular focus on Hayden Library. Programming for Phase Two will be informed by the Libraries’ strategic plan, MIT’s Capital Renewal processes, and 2030 campus planning effort, as well as Capital Campaign fundraising efforts, and new Innovation and Future of Education initiatives. The feasibility and impact of early concepts and ideas will be shared with the community and library staff in a recently launched webpage. The Libraries look forward to what promises to be an exciting new era of space renewal—redesigning library spaces into a modernized version of the “laboratory” envisioned for Hayden decades ago—a vibrant place for study, learning, experimentation, and collaboration.

Excerpted from an article in the September/October issue of the MIT Faculty Newsletter.
Until the mid-19th century, most messages could travel across long distances only as quickly as they could be physically carried. Audiovisual systems such as smoke, flags, drums, beacons, and gunshots were cumbersome and severely limited in their sophistication and speed.

The electric telegraph changed all that.

The ability to communicate instantaneously across entire continents—and even oceans—heralded the birth of telecommunications.

The current exhibition in the Maihaugen Gallery introduces a rich and varied collection of materials on the electric telegraph and its impact on the world.

The collection is a gift of Thomas F. Peterson, Jr. (MIT 1957), who also made a generous donation to process and catalog its contents.

The exhibit includes telegrams, images, books, video, and ephemera that chart the birth of a huge industry, and reveal how business, warfare, social interactions, and even the arts, were affected by this transformational technology.

Visit the Maihaugen Gallery
Monday–Friday, 10 AM – 4 PM
libraries.mit.edu/maihaugen
Alleviating Academic Stress with Cold Noses and Wagging Tails

“Furry First Fridays” brings therapy dogs to Hayden

Building on the success of therapy dog visits at library study breaks during final exams, the Libraries are offering a new pilot program for students to spend quality stress-relief time with dogs.

“Furry First Fridays,” brings therapy dogs to Hayden Library on the first Friday of each month of the fall term starting in October. A dog from Dog BONES, a non-profit therapy dog organization, and their human handler are available in a study room on the first floor of Hayden from 2–4 p.m. for students to drop by and visit.

“These [exam-week] visits with dogs have been so widely appreciated that we wanted to make them available more frequently—to provide students with the joy, love, companionship, and stress relief that comes from hanging out with our canine friends,” Duranceau says.

Ellen Duranceau, the Libraries’ Program Manager for Scholarly Publishing, Copyright, and Licensing is also a volunteer with Dog BONES, and coordinator of the pilot program.

Duranceau plans to participate in the program with her Golden Retriever Gracie, along with several other library staffers and their dogs. Furry First Fridays are offered October 3, November 7, and December 5, and are free and open to the MIT community.
From the Archives

MIT’s Global Impact

MIT’s global initiatives and worldwide influence are well documented. To delve deeper into MIT’s historic contributions around the world, look no further than the Archives.

MIT established the Institute Archives and Special Collections to capture and preserve the Institute’s rich history in order to demonstrate “MIT’s impact on the world.” Our collections document a wide range of contributions such as: early engineering efforts including mining in South America and the building of Panama Canal; the Cold War détente with the Soviet Union; the establishment of institutes of technology in India in the 1950s; and the “Cosmopolitan Club” of international students at MIT in the early 20th Century.

Additionally, our rare book collections comprise books written and published all over the world. Five hundred-plus years of knowledge are represented; from the 15th Century Nuremburg Chronicle to the 20th Century theories of Einstein in the Annalen der Physik.

These collections attract researchers from all over the world. In the past year alone, visitors to the Institute Archives and Special Collections travelled from Australia, Austria, Canada, Chile, China, Columbia, France, Denmark, Germany, Greece, Italy, Hungary, Japan, Mexico and the U.K. And with increased online access to our holdings, we are glad to share an increasing amount of MIT’s unique collections and history with researchers worldwide.

Tom Rosko
HEAD, MIT INSTITUTE ARCHIVES & SPECIAL COLLECTIONS
617-253-5688
rosko@mit.edu

Top: A. Kircher. De Arte Magnetica Opus Tripartitum (Cologne, 1643)
Bottom: J.B. Scarella. De Magnete Libri Quatuor (Brescia, 1759)
Both images are from the Vail Collection, Institute Archives and Special Collections
The Papers of John Ripley Freeman

Engineers, kings, and businessmen had dreamed since the sixteenth century of constructing a canal through the Central American isthmus to link the Atlantic and Pacific Oceans. Such a canal would save approximately 18,000 miles of sailing and eliminate the need for an arduous and risky passage through the Strait of Magellan at the southern tip of South America. MIT alumnus John Ripley Freeman (S.B. in civil engineering, 1876) was part of a delegation sent by President Theodore Roosevelt to examine progress on the Panama Canal.

Freeman’s records from the Panama trip include images of the people and machines engaged in the work, and the effect on the indigenous population and land. John Ripley Freeman’s papers in the Institute Archives and Special Collections (MC 51) also document his extensive work in the United States and around the world.

“I am sending with him certain engineers of high standing, upon whose judgement and capacity such reliance can be placed as to make the country safe in accepting their decision as final.”

— EXCERPT FROM THEODORE ROOSEVELT LETTER, 1908

Visit the Institute Archives & Special Collections
Monday – Thursday, 10 AM – 4 PM
Room 14N-118
Digital Sustainability Lab Opens

On July 1, MIT Libraries launched the Digital Sustainability Lab, a collaboration of the Curation and Preservation Services and Institute Archives and Special Collections departments. Funding to create the Lab was donated to expand the capacity of the Libraries to manage its growing digital collections and to attract additional funding to these efforts.

The Lab, which is physically located in the Hayden Library, will continually seek solutions to the challenges of providing long-term access to the range of digital content in the Libraries’ collections. Everything about the Lab is exploratory, including the process to identify and assess a starter set of software, hardware, and workstations to support the research. Sample activities already underway include installing and evaluating relevant software tools; determining the utility of digital forensics techniques for current practice; and developing and testing workflows for new kinds of digital content. Lab results will be implemented locally and disseminated broadly.

Digital Stewardship Resident

Tricia Patterson

The Libraries will host their first resident from the National Digital Stewardship Residency Program of Boston (NDSR-Boston). Tricia Patterson began her 9-month residency in September working on a project to preserve MIT’s digital audio content. The “Making Music Last” project will involve preserving treasured audio documentation of music at MIT.

Patterson is a recent MSLIS graduate from Simmons College. She began her archival career at the Texas State Library and Archives Commission before moving to Boston. While at Simmons, she focused on digital preservation, digitizing textual collections at the John F. Kennedy presidential archive, and working as an editorial assistant and program facilitator for Simmons. She has worked at several other Boston-area institutions including Harvard University, and the Boston Athenæum.

As part of her application for the residency she composed and performed a song about digital preservation! View her YouTube video: bit.ly/digitalresident and stay tuned for more updates on the “Making Music Last” project.

Visit the Digital Sustainability Lab

Hayden Library
libraries.mit.edu/preserve/labs/
What’s New?

On-site borrowing privileges at Borrow Direct Plus institutions

Beginning this October, MIT students, faculty, and staff will have on-site borrowing privileges at Borrow Direct Plus institutions: Brown University, Columbia University, Cornell University, Dartmouth College, Duke University, Harvard University, Johns Hopkins University, University of Pennsylvania, Princeton University, and Yale University.

When visiting one of these libraries, show your campus ID card, and once verified you will be issued a library card. The lending library’s policies and loan periods apply to guest borrowers. Borrowed items may be returned at either the lending library or your home library.

Track stats for articles in DSpace

Are you a faculty author with articles in DSpace@MIT? A new service offered by the Libraries allows MIT authors to see how many times each of their papers has been downloaded, and from which countries. Aggregated download numbers are available to anyone inside or outside MIT, including views of download data by department, lab, or center. Go to oastats.mit.edu to try the service.

Open Access Collection Grows

The Open Access Articles collection openly available to the world through DSpace@MIT (dspace@mit.edu) has grown to well over 12,000 faculty papers (as of June 2014). And a new cumulative download peak of 2 million was reached in May 2014.

We continue to hear from grateful readers around the world regarding open access.

12,000
FACULTY PAPERS

2 million
DOWNLOAD PEAK

“I am an independent researcher, with no current academic affiliation. I am writing a book which involves researching topological quantum neural computing. Open access made this article easily available to me... Thank you for making science freely available to all!”

— SCIENCE JOURNALIST, US
The Gregorys

A family legacy

To say Paul “Gary” Gregory III (SB EECS ’73) enjoyed his time at MIT is an understatement. “My time at MIT was a very positive experience,” said Gregory when he recollected his many pursuits at the Institute. Whether enjoying his time with Alpha Tau Omega (ATO) fraternity brothers, taking an economics class with Nobel Laureate, Paul A. Samuelson, or participating in the Clean Air Car Race from MIT to CalTech, Gregory found the opportunities at MIT boundless.

“There was a period at MIT, in the early 70s, when there were so many opportunities. Gregory said. “Between sponsorships, IAPs, and UROPs, there is just so much you can get into at MIT if you choose to take advantage of the opportunities.”

Gary and his wife Andrea, who met after he graduated from MIT and started his company, Sirius Software, began supporting the MIT Libraries in 2006 with an unrestricted annual gift. As an avid sailor, Gregory collects rare nautical books. His interest in rare books and materials also inspired the Gregory’s to give a gift to help establish the Libraries’ Maihaugen Gallery. The gallery showcases the Libraries’ special collections through ongoing exhibitions.

When Gregory sold his company recently, he donated $2,000,000 to a charitable remainder unitrust (CRUT) to benefit his wife, Andrea, and described it as a “win, win, win.” The charitable remainder trust in Andrea’s name, is managed by MIT, and pays the designated beneficiary an annual income for life. At the end of the contract, the remaining trust assets pass to MIT, to be used as he designated. “MIT has a great return, my wife receives income for the rest of her life, and the remainder will support the MIT Libraries.”

“Being at MIT is all about connections. To me Libraries are ground zero for making those connections. I chose to support the Libraries because the Libraries really need those resources.”

— PAUL GREGORY III

Support the Libraries

Learn more about the needs of the Libraries and making an unrestricted gift to support our work. Contact Kaija Langley, Director of Development 617–452–2123, klangley@mit.edu
Thank You

We are grateful for the generosity of our library friends and supporters. Our donors make it possible for the MIT Libraries to provide the MIT community with exceptional services and programs. Thank you for your support!

$10,000 – $24,999
Ursula M. Burns
Morton Grosser
Barbara K. Ostrom
Samuel A. Otis, Jr.

$5,000 – $9,999
Anonymous
Gareth & Sandra Eaton
Young Soo Perry & Karen Ha
Robert B. Newman
Bruce Rubinger
Alar Toomre

$2,500 – $4,999
Ifigenia A. Boulogiane
Richard T. Cockerill
William J. Nicholson
Gerald Nykolak
Arnold & Margit Orange
James & Marianne Rothnie
Tatsuo Tashino
David A. Woodruff

$1,000 – $2,499
O. Reid and Lisa Ashe
Gordon & Kate Baty
Peggy Berman
Alan J. Bilanin
Richard C. Bradt
Marjorie C. Brandriss
Donald & Mary Louise Brown
Nancy M. Cline
Robert C. Cowen
Margaret dePopolo
Dean G. Duffy
Gayane Z. Ebling
Elsevier Science LTD
Thomas G. Evans
Ellen W. Faran
Michael Good & JoAnn Close
David Hallenbeck
Ross N. Hoffman
Thomas S. Ingra
Robert Kraft
Allen S. Lee
Mollusca Fund
Mary J. O’Hearn
Enlin Pan
Catherine Parham
Park Avenue Charitable Fund
Robert P. Popadic
Stanley M. Proctor Trust
John I. Rho, M.D.
Stuart J. Rubin
Warren & Phyllis Sewall
Phillip Hartley Smith
Vicki T. Smith
David I. Solo
Frank J. Stefanov-Wagner
Lisa A. Steiner

$500 – $999
Anthony L. Abner
Lotte Bailyn
Andreas B. Bommarius
Mark S. Day
Jacqueline J. Desoer
Sara P. Gaucher
John Gavenonis
Gradient
Leon & Lilah Groisser
Constance A. Herron
Gerald Z. Hertz
Henry & Lisa Houh
Meredith Kantor
Thomas E. Kelly III
S. Ming Lee
Frederick J. Leonberger
Michael J. Markow
Massachusetts Medical Society
Peter D. Matthews
Jeffrey A. Morrow
Jacek & Krystyna Mozdzanowski
Lauren E. Oldja
Alice Pierce
Brandon W. Porter

$2 MILLION +
Paul G. & Andrea Gregory

$100,000 – $250,000
Thomas Stone & Valerie Warrior

$50,000 – $99,999
Lionel L. Kinney

$25,000 – $49,999
Shirley M. Sontheimer
Raymie Stata

$10,000 – $24,999
PETER WENDER, ANDREA GREGORY,
AND GARY GREGORY

$500 – $999
Peter Wang
Jason & Amy Weller
James R. Williams

$500 – $999
Anthony L. Abner
Lotte Bailyn
Andreas B. Bommarius
Mark S. Day
Jacqueline J. Desoer
Sara P. Gaucher
John Gavenonis
Gradient
Leon & Lilah Groisser
Constance A. Herron
Gerald Z. Hertz
Henry & Lisa Houh
Meredith Kantor
Thomas E. Kelly III
S. Ming Lee
Frederick J. Leonberger
Michael J. Markow
Massachusetts Medical Society
Peter D. Matthews
Jeffrey A. Morrow
Jacek & Krystyna Mozdzanowski
Lauren E. Oldja
Alice Pierce
Brandon W. Porter
This list acknowledges gifts to the MIT Libraries of $100 or greater made during MIT’s 2013 fiscal year. We do our best to ensure the accuracy of this listing, however if we have inadvertently excluded you, or you prefer to be listed in a different way in the future, please accept our apologies and contact: klangley@mit.edu or 617–452-2123 so we can update our records.
Fall Events 2014

OCTOBER EVENTS

Composer Forum
Jeremy Huw Williams, Baritone: The music of Welsh Composer Alun Hoddinott (1929–2008)
October 27
5:00–6:30 PM
Lewis Music Library (14E-109)

Panel Discussion
Chemistry Societies and Open Access: New Options for Authors
October 24
noon–1 PM
Room 2-105

authors@mit
Ellen T. Harris: George Frideric Handel: A Life with Friends
October 22
5:30 PM
Lewis Music Library (14E-109)

NOVEMBER EVENTS

Djing at a Glance
The History of Beatmatching with Mmmmaven's General Motor
November 4
11 AM–12:30 PM
Lewis Music Library (14E-109)

Open Performance
Open Mic
November 7
noon–1 PM
Lewis Music Library (14E-109)

Study Break
Furry First Fridays
24-hour Study Room
November 7
2–4 PM
Hayden Library (14S-100)

Composer Forum
Elena Ruehr will speak about her new opera, Cassandra in the Temples
November 18
5:00–6:30 PM
Lewis Music Library (14E-109)

DECEMBER EVENTS

Study Break
Furry First Fridays
24-hour Study Room
December 5
2–4 PM
Hayden Library (14S-100)

Open Performance
Open Mic
December 5
noon–1 PM
Lewis Music Library (14E-109)

Like us on Facebook at facebook.com/mitlib
Follow us on Twitter @mitlibraries