MIT
Libraries

MIT

Bibliotech

Contents

From the Director

Many of you support the MIT Libraries because, like me, you know that a gift to the Libraries is a way to make an impact across the MIT community. We work with faculty, students, and researchers from every discipline, host events with a variety of departments, labs, and centers, and open our welcoming spaces to all. Collaborating with and inspiring the MIT community is what drives us, as this issue of *Bibliotech* explores:

You'll read a Q&A (p. 6) with Peter Fisher, Thomas A. Frank (1977) Professor of Physics and head of MIT's new Office of Research Computing and Data (ORCD). We're excited to be a key partner with ORCD, which has launched to ensure that all MIT researchers — a community more than 11,000 strong — have access to the computing and data resources and services they need to do their best work.

The 15th annual International Open Access Week kicks off October 23–29. The theme for this year is "Community over Commercialization," which aims to raise awareness around the importance of community control of knowledge sharing systems. In this issue, we share how we support community-led and nonprofit-run open access to scholarship (p. 10).

We're also pleased to share how we're engaging the MIT community and beyond with our Distinctive Collections. We've invited our newest Women@MIT Fellows to showcase our collections on women at MIT in ways that are accessible and compelling to diverse audiences (p.18).

Each fall, the annual Honor Roll of Donors reminds me what a terrific community of stalwart supporters we have. On behalf of the entire Libraries staff, I want to extend my thanks for all you do to make our work possible.

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Photo
Shawn Henry

A Q&A with Peter Fisher

**Meet the head of MIT's new
Office of Research Computing and Data**

Peter Fisher, Thomas A. Frank (1977) Professor of Physics, led MIT's Department of Physics for eight years before serving as the inaugural director of the Office of Research Computing and Data (ORCD), which launched in 2022. *Bibliotech* asked him to share his perspective on meeting MIT's needs, the challenges of sharing research data, and how the Libraries can play a role.

Photo
Adam Glanzman

ORCD launched last year to provide resources across MIT. What are the Institute's most critical needs when it comes to research computing and data?

The Institute has taken the posture that in the future, everybody will need to use computers extensively for their research and for their teaching, and so we handle the research part of it, and starting the Schwarzman College was part of it. The critical need is to provide shared resources that meet the need of MIT researchers for their computing and data.

The thing that's really grown as fast, if not faster, than the computing part is the data storage part. This is where there's a lot of coupling with the Libraries, because libraries are all about storing and curating data. Also, along with data come a lot of restrictions on how data is stored. People use patient records, medical data, student records, and things like that in their research, and you have to store that differently than data from a particle physics experiment or an electronics lab.

An urgent need that we're working on now is a flexible secure data storage system that we're calling the "ORCD Enclave." The other major thing is that our computing infrastructure needs renewal. So those are our two most critical things.

"I think the Libraries are kind of a crown jewel at MIT, and I'd like to see them get honored more. "

ORCD has talked about the MIT Libraries as a key partner in this work. What expertise do the Libraries bring to this collaboration that you think is crucial?

This really touches on data a lot, because our researchers frequently acquire or buy data. And data comes with data use agreements, which set forth how you'll use the data in research, how you'll store it, how you'll ensure its security. And the Libraries have a huge amount of expertise in formulating and implementing data use agreements. Early on, we identified that as someplace where we're going to need a lot of help, and the Libraries are, in fact, eager to help with this. [Digital repository] DSpace@MIT is a really good model, because that's a place where there's an enormous amount of heterogeneous information stored. So there's kind of a porous line between the Libraries and our shared storage systems.

From your perspective as a researcher and as the head of ORCD, what value do you see in making research data publicly accessible?

There is of course the moral good. It's always good to share. People at other institutions — particularly institutions that are not in a position to generate data themselves — they can be part of the research enterprise. There's also the legal obligation that we have now to make research data publicly available. We at ORCD have it easy, because we provide the technological base, but the people who have to store the data have to do it in a way that's actually useful. It does no good to hand someone a big data file without giving those people tools to access that data and sort it and extract parts of it.

There's enormous value in making data available; the thing is, how do you provide publicly available data that preserves people's privacy, that has security surrounding it, to people who want access to that data but maybe are in another country with a very different ability to access? There are a lot of conflicting requirements with data storage that there aren't for computing; you're not sharing computing around the world like you do for data.

What have you learned about the MIT Libraries through this new partnership with ORCD?

I think the Libraries are kind of a crown jewel at MIT, and I'd like to see them get honored more. I've always been fascinated with DSpace; you can go in there and poke around and find all kinds of things. The Libraries seem to be forward-leaning about digital curation, and that's something that I strongly support. ORCD is just a year old, and we're still finding our way, but I do want to find more and better ways to partner with the Libraries surrounding data.

Celebrating Open Access Week

By Katharine Dunn
Scholarly Communications Librarian

This October is the 15th anniversary of International Open Access Week, a celebration of the open sharing of research knowledge in scholarly publications. The 2023 theme, "Community over Commercialization," syncs well with one of MIT Libraries' current aims: A commitment to supporting non-profit publishers and publishing models that are more equitable for all.

Open access (OA) refers to scholarship that is immediately, freely available for anyone to read and build from. Unfortunately, not all approaches to open access prioritize the best interests of the public and the academic community. Many commercial publishers charge high fees to authors to publish their work open access; this can lock out scholars from less privileged institutions or underfunded disciplines. "It's simply shifting inequity in the system, from an inequity in access to read to an inequity in access to publish," says Chris Bourg, director of MIT Libraries.

The MIT Libraries are committed to the pursuit of a more open and equitable scholarly landscape. We invest in a variety of non-profit journals, publishers, platforms, and organizations that advance this goal and that prioritize the needs and values of the scholarly community.

Some recent investments include:

• The MIT Press initiative Direct to Open (D2O), which makes scholarly monographs open access. As a ground-floor supporter, the Libraries helped subsidize participation in D2O by smaller and less well-resourced institutions.

• Multi-year support to a half-dozen "diamond" OA journals — that is, journals that are both free to read and to publish in — via the Lyrasis Open Access Community Investment Program, in which scholarly community members collectively fund open access.

Large-scale banners in Lobby 7 promote the Institute's values

Photo
Jake Belcher

• Two Latin American initiatives: LA Referencia, a network of repositories that promotes open and free access to articles, with special emphasis on publicly financed results; and Redalyc/AmeliCA, publishing infrastructure that offers services to more than 1,400 diamond OA journals published by 670 institutions from 31 countries.

• The Research Organization Registry, a nonprofit that provides open, permanent identifiers to research organizations. ROR identifiers are used in journal publishing systems, data repositories, and other scholarly infrastructure to make researchers' work easier to find.

The impact of new knowledge on the world and on our collective ability to understand and address global challenges is accelerated through more open, equitable and collaborative models of scholarly communication. As the scholarly publishing landscape continues to evolve, we will continue to support community-led initiatives that advance our vision of a world "where enduring, abundant, equitable, and meaningful access to information serves to empower and inspire humanity."

To learn more about the ways we're supporting OA publishing, visit *libraries.mit.edu/oasupport*.

Digitizing Haitian Newspaper Libète

MIT Libraries contributes to the digitization of Libète newspaper published in Kreyòl

Founded by Father Jean-Yves Urfié in 1990, Haiti's weekly newspaper *Libète* aimed to fill a linguistic and cultural void as it was published in Kreyòl, the national language of Haiti. The not-for-profit, secular newspaper covered politics, health, agriculture, as well as human rights and social movements, and was the only newspaper with a substantial distribution in the provinces, outside the capital Port-au-Prince. *Libète* stopped operating in 1998 due to lack of funds.

Starting in 2022, the Bibliothèque Haïtienne des Spiritains (BHS), the Digital Library of the Caribbean (dLOC), and MIT Libraries collaborated to make *Libète* available on *dloc.com* and soon in the Libraries' catalog. MIT Libraries provided partial funding for the digitization of archival content held by BHS in partnership with dLOC, as a model for supporting open digital access to unique materials not available otherwise.

This will be an important resource for scholars interested in Haiti, especially those who design or study linguistic policy in support of universal access to quality education in Haiti. A key stakeholder in this collaboration has been MIT Linguistics professor Michel DeGraff, who is renowned for advocating for the use of Kreyòl as the primary language of instruction in Haiti, and for increasing access to quality education, including education in STEM and in foreign languages. "*Libète* contains unique language-related content that can be used for research on orthographic practices for Kreyòl, as well as research on Haitian history and society, education policy and cultural/linguistic revival materials — all of which are, indeed, invaluable for my work," says DeGraff. Read the full story, including a translation in Kreyòl, at *libraries.mit.edu/news*.

Poukisa "Libète"?

Jounal Libète! Premye jounal ayisyen an kreyòl k ap parèt chak senmenn.

"Libète", yon jounal pou tout Ayisyen, kreye pou kole zepòl lan travay pou pwogrè ak konsyantizasyon tout moun nan peyi a. Jounal Libète vin pote jarèt bay lang kreyòl la, kilti ak tradisyon pèp la. L ap vin pote plis limyè tou sou lavi peyizan yo, sou pwodiksyon yo, travay yo, kontantman yo, soufrans epi espwa yo.

Jounal Libète pral yon gwo sipò pou alfabetizasyon an, moun ki aprann li ak ekri kreyòl pral jwenn chak senmenn nan "Libète" yon zouti k ap pèmèt yo kontinye anrichi konesans yo sou sa k ap pase nan peyi a ak lòt bò dlo tou.

Jounal Libète ki pral kouvri tout zòn nan peyi a ap penmèt ale vini ant tout sektè peyi a: Nò, Nòdès, Sid, Sidès, Grandans, Lwès, Nodwès, Sant Atibonit... Youn ap konn sa lòt ap fè, kon sa, "Libète" vin kore lide desantralizasyon ki chita andedan manman lwa peyi a. Libète vin tou pou l kraze lejann ki te toujou pretann kreyòl la se yon lang pou moun ki pa save. Libète vin montre aklè: tout gwo sijè ki gen rapò ak ti peyi tankou gwo peyi lòt bò dlo, kapab diskite nan lang kreyòl la tou. Libète se pap sèlman yon mo, se pral sitou yon reyalite... lan travay reyèlman akote lòt jounal, radyo, televizyon... pou ede pèp ayisyen an wè klè pou l mache nan chemen libète, nan chemen limyè ak diyite l ap chèche depi plis pase 30 lane.

Direksyon an

Semenn 29 novanm-5 desanm 1990 Ane 1 • N° 1

2 Goud
Etazini: $ 1.-
Kanada: $ 1.-
Lafrans: 5 FF.

Libète
Jounal Ayisyen ki parèt chak semenn

Sa kandida yo pral fè si yo vin prezidan

Jounal Libète a mande 7 kandida 4 kesyon sou:

- *Lame ak lapolis*
- *Lajistis ak chèf seksyon*
- *Pouvwa depatman yo*
- *Pwoblèm tè a*   Gade repons yo paj 4, 5, 6

29 novanm 1990: Lavalas pran lari

Apre Plato Santral la, Sidès, Nò, Nòdès ak Latibonit, se kapital la ki resevwa Titid tankou yon sovè. Jedi 29 novanm 1990, foul yo sonje masak eleksyon yo. Yo pran lari pou rele: "Titid Prezidan! Ayiti pa Dominikani!"

Defile popilè sou Lali, apre seremoni devan lekòl Ajantin Bèlgad (Foto: Toni Belizè)

Data Services by the Numbers

MIT Libraries Data Services, comprising Geographic Information Systems (GIS), Data Management Services, and Statistical Services, collaborates with scholars across the Institute on data management, creation, visualization, and analysis in support of all aspects of research, teaching, and learning. Library staff offer support, training, and consultations both online and in person at the GIS & Data Lab in Rotch Library.

Data for 2022-23 fiscal year

68
MIT departments, labs, and centers served

621
Queries answered

726
Data Services workshop attendees

2,401
Computer logins in the GIS & Data Lab

News from MIT Press

Making scholarship more accessible to researchers and readers around the world

For nearly three decades, the MIT Press has been driven by a fundamental question: How can we make scholarship more open, inclusive, and accessible? And this mission has never felt more imperative than in 2023, a year designated by the White House Office of Science and Technology Policy as the Year of Open Science.

The Press recently concluded its second full year of the Direct to Open (D2O) publishing model, harnessing the collective power of 322 libraries to support open and equitable access to 82 new scholarly books. The global impact of this program is clear: readers across the globe have accessed D2O titles 328,000 times.

The Press's leadership is further reflected in its award-winning open access (OA) journals publishing program. In April 2023, the editorial teams of *Neuroimage* and *Neuroimage: Reports* made international news when they resigned en masse to start a new open science journal, *Imaging Neuroscience*, with the MIT Press. Embraced by the academic community, the journal signed up more than 2,000 peer reviewers and published its first six peer-reviewed research articles in July.

Last spring, with a $10 million endowment gift from Arcadia, the Press launched the Arcadia Open Access Fund to support OA books and journals in science and technology, social sciences, arts, and humanities. This fund ensures that the Press will continue to lead the OA movement through the development of tools, models, and resources that make scholarship more accessible to researchers and readers around the world. Learn more about the Press's OA initiatives at *mitpress.mit.edu/openaccess*.

Staff News

2023 Infinite Mile Awards

The Libraries honored the outstanding contributions of its employees on June 14, recognizing achievements in the following categories.

Bringing out the Best

Amy Martin Chase
Tangible Monograph Acquisitions Associate

Collaboration and Inclusion

Christopher Butler
Manager for Infrastructure Engineering

Community Building and Engagement

Community Engagement team: Nina Davis-Millis, Sylvia Figueroa-Ortiz, Emily Kramer, and Aya Fujita Ross

Results, Outcome, and Productivity

Dewey Library service team: Cornelia Photopoulos, Carrie Yates, Francesca Bozor, and Erica Moore

Unsung Heroes

Library Delivery Team: Cam West, Kevin Grant, Kendall Dawson, Pixie Rose, Caitlin Canfield, Galen March, Jessa Modell, and Jonathan Paul

Tough Questions/Critical Thinkers

Tina Pappas
Head of Discovery and Engagement Platforms

Christine Moulen "Good Citizen" Award

Renée Hellenbrecht
Project Coordinator

New Appointments

Ella Coste
Access Services Assistant

Jonavelle Cuerdo
Data Engineer

Derek Hixon
Program Head for Technology Support Services

Graham Hukill
Senior Data Engineer

Marie Polymise
Director of Human Resources

Anahiz Rivera
Access Services Assistant

Retirements

Jen Edwards
Electronic Resources Management Librarian

Debbie Fazio
Open Access & Monograph Acquisitions Associate

Photo
Back row, left to right
Cornelia Photopoulos, Aya Fujita Ross, Galen March, Emily Kramer, Cam West, Renée Hellenbrecht, and Amy Martin Chase.

Front row, from left to right
Caitlin Canfield, Francesca Bozor, Kendall Dawson, Erica Moore, Pixie Rose, Nina Davis-Millis, and Christopher Butler.

What's New

2023 Women@MIT Fellows Announced

Rachel Lane and the team of Deborah Tsogbe and Soala Ajienka have been named Women@MIT fellows for 2023. They will engage in archival research, using MIT's rich collections, to create projects that contribute to greater understanding of the history of women at the Institute and in the history of STEM.

A project by Deborah Tsogbe, SMArchS '23, and Soala Ajienka, a current student in MIT's Masters of Architecture program, highlights the women who were instrumental to the development of computers, exploring how the creation of technical prototypes paralleled practices of traditional textile fabrication that women have long pioneered. They will focus on the weaving of core rope memory, a form of read only memory for computers that was first used in the 1960s for the NASA Mars space probes and then in the Apollo Guidance Computer. Their project will culminate with the exhibition of two large-scale core memory prototypes that will relay their stored information in readable format to a visual display. Tsogbe and Ajienka will also document their archival journey through Instagram, produce a bound volume of archival resources and illustrations, and lead an IAP workshop.

Oral historian Rachel Lane will curate an online exhibit highlighting the experiences of international women at MIT. Using oral history interviews of 18 women from the Women@MIT collections and the Science History Institute digital collections, she will create an exhibit using StoryMaps, mapping experiences from each woman's country of origin, time at MIT, and position at the time of the interview to a particular GPS coordinate.

Building 14 Courtyard Receives Landscape Design Award

Photo
John Horner

The Building 14 Courtyard, revitalized as part of the Hayden Library renovation, won a 2023 Merit Award in General Design from the Boston Society of Landscape Architects. The design team includes Stephen Stimson Associates Landscape Architects, Inc., Kennedy & Violich Architecture, Buro Happold, Pine & Swallow Environmental, and Aqueous Consultants.

Praising the design for its simplicity and elegance, the jury said, "There is a nice seasonality of planting done beautifully. There is a simple, modern, understated vibe, and the view into and within is beautiful...The placement of the sculptural pieces is well-considered and provides nice visual anchors in the landscape."

Honor Roll

Thank you

We are grateful for the generosity of our library friends and supporters. Our donors enable the Libraries to support the MIT community and to advance the Institute's mission by producing, collecting, and sharing knowledge to solve the world's biggest problems. Thank you for your support.

$100,000+
David L. desJardins
Barbara K. Ostrom

$50,000-$99,999
Gareth R. and Sandra S. Eaton
Lionel L. Kinney

$10,000-$49,999
Richard A. Blanchard

$5,000-$9,999
Young Soo Perry Ha
Mary G. Lienhard
Christopher and Heather Stockard
Glenn P. Strehle

$2,500-$4,999
Beverly Bavly
Marjorie C. Brandriss and
   David M. Kristol
Michael J. Hostetler and
   Erica J. Pascal
L. Robert Johnson
Thomas A. Stone
Jason Weller

$1,000-$2,499
Christopher Berman
Ifigenia A. Boulogiane
Chris Bourg
Mary Louise Brown

Gerald L. Clarke
Mary Jean Crooks
Dean G. Duffy
Thomas G. Evans
Toby M. Freyman and
   Krystyn J. Van Vliet
John J. Frishkopf
Paul G. Gregory III
David Hallenbeck
Constance A. Herron
Carol M. Shattles Hooker and
   Robert P. Hooker
Sharon A. Israel
Diana J. Kalman
Allen S. Lee
Jeffrey A. Morrow and
   Sara P. Gaucher
Ilse Nigro
Arnold S. Orange
Catherine Parham
Catherine Schwenk
Peter J. and Bonnie Sherwood
Louis E. Slesin
Charles Steindel
Deborah J. Waldman and
   Paul F. Romanelli
Peter J. Wender
Charles Joseph Whelan III

$500-$999
Anthony L. Abner
Alan J. Bilanin
Thomas P. Black
William H. Byrn
Glenn D. Daves Jr.
Tracy A. Embree
David E. Game
Karen Greer
Henry H. and Lisa Houh
Thomas S. Ingra
Richard Laura
Frederick J. Leonberger
Patricia A. Mabrouk
Emin Martinian
Marilyn G. McSweeney
R. Allen Miller
Robert R. Mitchell
Jacek and
   Krystyna Mozdzanowski
Kenneth Olson
Alice Pierce
Amy Davidson Plummer
Robert P. Popadic
Brad W. Porter
John I. Rho
L. Scott Ritterbush
Aparna and
   Philip Alexander Rolfe
Kenneth L. Roraback
John A. and Lisa M. Sweeney
Joy Szekely
Glenn E. Taylor
William W. Toy
Preetinder S. Virk
Harriet Wollman

$250-$499
Joseph W. Barco
Ivan R. Burns
Bertha P. Chang
Richard A. Cohen and
   Mindy L. Garber
Brian E. Eaton
Mary C. Fuller
Gregory J. Garvin
Arthur C. Grant
Gerald Z. Hertz
Charles D. Himmelblau
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Donald R. and Margaret Mattison
William L. Menninger
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Jeffrey B. Sakaguchi
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John Schuler
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Bruce D. Sunstein

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   Alice F. Hsu
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Ruth A. Blattenberger
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Michael Bonafilia
Kevin G. and Joleen M. Bonde
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William J. Butera
Pavel Bystricky
Li Chang
Clara Chow
Flora Chow
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Shing K. Fung
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Glenn and Elizabeth A. Goldman
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C. M. T. Hogan
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Jen-King Jao
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Caroline E. Kerrigan
J. Patrick Kinney III
Mitsuo Kosaka
Dean E. Kross
Don F. Kumamoto
Jonathan S. Lane
Lance E. Laver
Mark C. Lee
Yi Lin and Zhi Qu
Isabel K. Lloyd
Tingting Mao and
   Shane Markstrum
Maughn Matsuoka
George M. Miller Jr.

$100-$249 continued

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Katherine L. Murnane
Karen L. Nelson
Laura Emily Noren
Deb O'Bannon
Julie Y. Oh
John F. Olson
Oscar Orringer
Marcos G. Ortiz
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J. Eric Schonblom
Ethan J. Schreier and
  Janet M. Levine
Ruth K. Seidman
Marlene Simpson
Todd Sjoblom
M. Roe Smith
Christina Stanley
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FOR A BETTER WORLD

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