

INSTITVTE



# INSTITVTE

by Cathleen Nalezty



MASSACHVSETTS INSTITVTE OF TECHNOLOGY  
WILLIAM BARTON ROGERS FOVNDER

MASSACHVSETTS  
77  
AVENVE

MASSACHVSETTS  
77  
AVENVE

ESTABLISHED FOR ADVANCEMENT AND DEVELOPMENT OF SCIENCE ITS  
APPLICATION TO INDVSTRY THE ARTS AGRICVLTURE AND COMMERCE. CHARTER  
MDCCCLXI.

INVENT  
one community together in service

DISCOVER  
one community together in service

DESIGN  
one community together in service

EDUCATE  
one community together in service

7-107  
MEN

7-107J  
Janitor Closet

MIT CPW  
Campus Preview Weekend

Dear Prefrosh,  
Welcome Home.

- MIT Admissions

half of all students use s3 during their time at mit. still feel like you're the only one who needs support? mit students come from many countries. so we offer them a world of help. "mit mental health and counseling" (a long way of saying, "we're here for you.")  
mit together [together.mit.edu](https://together.mit.edu)

## 2014 Women's and Gender Studies Louis Kampf Writing Prize

The Louis Kampf Writing Prize, sponsored by The Program in Women's and Gender Studies (WGS), was started in 1995 to honor Louis Kampf, distinguished professor emeritus of Literature and Women's Studies, to reward high quality undergraduate writing in women's and gender studies. The prize is judged by faculty from WGS & Writing and Humanistic Studies.

Students can submit entries in different genres of academic writing as well as fiction and poetry. Submissions should provide thoughtful reflection using gender as a central category of analysis.

For rules of entry please visit  
<http://web.mit.edu/wgs/prize/rules.html>

All entries must be submitted in person to 14E-316 or emailed to [wgs@mit.edu](mailto:wgs@mit.edu) by 5:00pm on Monday, April 7th, 2014.

DUE DATE: MONDAY, APRIL 7th



## Student Services Center

How do you Mean? Sharing Stories of Finding Meaning and Purpose  
Tuesday 4/8 7:30 PM  
RM: 32-144

OXFORD CAPACITY ANALYSIS  
FREE PERSONALITY TEST

In just one hour you can test the 10 key personality traits that determine your future  
**success** and **happiness**, and find out how to improve them.  
GIVE YOURSELF THE KNOWLEDGE OF YOU.  
LIMITED TIME.

BOSTON UNIVERSITY  
Boston University Trading Club Presents:  
Spring 2014 Trading Competition  
Round 1: April 11 - 25

- Online trading simulator through TD Ameritrade Thinkorswim  
Final Round: April 26
  - Featuring Keynote Speaker: Robert Doll, Former Blackrock Chief Equity Strategist  
and Current Nuveen Chief Equity Strategist
  - Top teams from round 1 compete in Final Round
  - 3 trading rounds and \$1,000 of prizes
  - Networking with some of the most prestigious buy and sell side firms
- Are YOU the best trader in Boston?  
Sign Up at: [butradingclub.com](http://butradingclub.com)  
Email [bustocks@gmail.com](mailto:bustocks@gmail.com) for more info  
Deadline to sign up: April 9

### Who Are We

Challah for Hunger is a national, non-profit organization that bakes and sells challah to raise money for humanitarian aid. Half of the funds we raise support the American Jewish World Service's relief efforts in Darfur. The other half goes to a local charity that we choose each year. One of the main goals of CfH is to empower young adults to change the world for the better through business and social justice. CfH is committed to making a difference as a community through the production of challah, respect, and awareness.

Volunteering for Challah for Hunger

Help Bake Challah

Thursdays

Dough Making: 5:30pm-6:15pm

Baking: 7:30pm-10:30pm

Location: Next House Country Kitchen

We're always looking for new people to bake with us! Even if you've never baked before, we can teach you how to mix and knead the dough, add flavorings, braid, and bake the challa. We've made many exciting flavors in the past, including Nutella, cinnamon-sugar, garlic-herb, and sweet coconut. We're always looking forward to trying new flavors!

Help Sell Challah and Spread Awareness About Darfur

Fridays

Sales: 9am-12:30pm (or until sold out)

Location: Lobby 10/Student Center

We are always looking for volunteers to help with sales and advocacy. If you feel passionate about promoting social justice and would like to help increase awareness about the genocide in Darfur, we would love to have you on our team. No time to help with sales? Pick up a challah and tell your friends!

### **ZETA BETA TAU PRESENTS:**

#### **GET ON THE BALL**

For every signature on our giant beach ball, our sponsors donate to the Children's Miracle Network! It's free and fun. What are you waiting for?

Get on the ball.

**MIT campus, April 11-12**

Do you  
want to find a  
sustainable energy source?  
find your roadmap  
in course 22  
[web.mit.edu/nse](http://web.mit.edu/nse)  
find a UROP  
get more info

MIT BRAINTRUST  
linking students with survivors  
bi-monthly events  
flexible scheduling

SaveTFP Presents....  
Professor Talent Show!  
Where: 10-250  
When: Sat April 12th, 3-5pm  
Who: You!  
Get ready to be amazed by MIT's professors as they  
showcase their special talents and interests!  
Featuring profs from  
Math | ChemE | Acting | MechE

## MIT Admissions

### QUICKFACTS

#### Deadlines

Early Action: November 1

Regular Action: January 1

Apply online: [my.mit.edu](https://my.mit.edu)

#### Contact Us

Phone: 617-253-3400

Visit: Room 10-100

Email: [admissions@mit.edu](mailto:admissions@mit.edu)

Web: [mitadmissions.org](https://mitadmissions.org)

#### At a Glance

The MIT mascot is the beaver - nature's original engineer

School motto: "Mens et Manus" (Mind and Hand)

MIT's community is incredibly diverse; in fact, there is no majority ethnicity on campus

First semester of freshman year is graded on a Pass/No Record basis

Freshmen retention rate is approximately 97%

For a moment that seemed to last forever Reinhold watched, as the world was watching, while the great ships descended in their overwhelming majesty - until at last he could hear the faint scream of their passage through the thin air of the stratosphere.

He felt no regrets as the work of a lifetime was swept away. He had labored to take man to the stars, and, in a moment of success, the stars - the aloof, indifferent stars - had come to him. This was the moment when history held its breath, and the present sheared asunder from the past as an iceberg splits from its frozen, parent cliffs, and goes sailing out to sea in lonely pride. All that the past ages had achieved was as nothing now: only one thought echoed and re-echoed through Reinhold's brain:

The human race was no longer alone.

*Childhood's End*, by Arthur C. Clarke: one of over 50,000 volumes in the library of the MIT Science Fiction Society, located on the fourth floor of the Student Center. Come by and read some science fiction classics.

MITSFS- W20-473

IF YOU ENJOY SCI FI OR FANTASY, MITSFS IS THE LIBRARY FOR YOU.

What is ESP?

The MIT Education Studies Program (ESP) was created by MIT students in 1957 so we could make a difference in the Boston, Cambridge, and MIT communities by sharing our knowledge and creativity with local high school students. Since then, we have grown to support well over three thousand students each year with the help of MIT students like you.

Through an intensive offering of academic and non-academic classes, ESP is dedicated to providing a unique, affordable educational experience for motivated middle and high school students. ESP courses are developed and taught by MIT students, alumni, and faculty, and members of the community.

Our students are given the chance to learn from passionate and knowledgeable teachers; our teachers can gain experience developing their own curricula with access to students with the strongest desire to learn. The result is a unique, dynamic curriculum and an atmosphere of unparalleled energy. We are the largest student-run program of our kind in the United States.

can you explain  
algebraic topology  
fall of the roman empire  
starcraft strategy  
how to build a processor  
quantum mechanics  
computational origami  
to a middle schooler?  
SPARK  
TEACH ANYTHING  
this march 15 and 16, join us in teaching  
a thousand students from grades 7 and 8  
the coolest stuff we know  
DEADLINE EXTENDED!  
register online by february 11  
[esp-spark@mit.edu](mailto:esp-spark@mit.edu)  
[esp.mit.edu/teach/Spark](http://esp.mit.edu/teach/Spark)

#### MIT Affiliated Groups

Reserve this  
poster space  
to promote your  
event!

Sign up online-  
Go to [mit.edu](http://mit.edu) and  
search:  
“space reservations”

These displays hold 11x17”  
vertical posters

FROM TOP

Arnold Newman, *Berenice Abbott*, 1986.  
Courtesy Howard Greenberg Gallery.

Photographer unknown, *Abbott Photographing  
for Electricity Book Project*, 1950s. Courtesy  
Hank O'Neil.

Lyman Freeman, *Berenice Abbott at an Exhibition  
of her PSSC Photographs at MIT*, from the  
*Christian Science Monitor*, December 18, 1959.

*Physics* (Boston: D.C. Heath, 1960).

The Berenice Abbott archive and photographic  
collections preserved in the MIT Museum and the  
List Visual Arts Center were acquired through  
the generosity of Ronald A. Kurtz, '54, '59, S.M.  
'60. This exhibit was organized by the MIT Office  
of the Arts, the MIT Museum, and the MIT List  
Visual Arts Center. Curated by the MIT Museum.

#### BERENICE ABBOTT AND THE PHYSICAL SCIENCE STUDY COMMITTEE AT MIT

American photographer Berenice Abbott's pioneering artistic vision encompassed science as well as portraiture and the documentation of the 1930s New York, for which she is best known today. A relentless experimenter, she found a natural affinity with scientific inquiry and recognized photography's largely unrealized potential to communicate scientific truth to the public. Her greatest achievement in visualizing science was her photography for the Physical Science Study Committee (PSSC), organized at MIT in 1956 to reform physics education in American high schools.

The PSSC brought together scientists and educators to develop a new physics curriculum that emphasized basic science and fundamental concepts over the mass of factual information covered by the typical high school course. In 1957, the PSSC's work received an unexpected boost from the launch of *Sputnik*, the world's first artificial satellite, by the Soviet Union. Brought to center stage in America's race to gain technological superiority over the Soviets, the PSSC moved quickly towards publication of a new physics textbook, and Abbot was hired to illustrate it.

Abbot brought to the PSSC not only her capacity of an artist, but also an intuitive grasp of the science, thereby bridging both worlds. One of her innovations was a photographic method of recording wave phenomena that derived from her mentor Man Ray's cameraless images and MIT Professor Harold "Doc" Edgerton's advances in stroboscopic photography.



Disseminated worldwide through several million copies of *Physics*, published in 1960, Abbott's wave motion photography and her other contributions to the new curriculum and an enduring impact on the teaching of modern physics. Her work also produced a set of stunning, timeless artifacts that retain their enigmatic beauty today.

Berenice Abbott (1898-1991)

Water Waves Change Direction (Wave Pattern)  
negative exposed 1958-59  
(near right)

Light Passes Through a Prism  
negative exposed 1958-59  
(center)

Parabolic Mirror Has a Thousand Eyes  
negative exposed 1958-59  
(far right)



IN MEMORY OF THOSE WHO GAVE THEIR LIVES 1941-1945

TO THE MEMORY OF THE BRAVE MEN OF THE MASSACHUSETTS INSTITUTE OF  
TECHNOLOGY WHO GAVE THEIR LIVES IN THE GREAT WAR ANNO DOMINI MCMXIV  
MCMXVIII

ONLY VICTORY REMAINS AND A FAME FOREVER SECURE

THESE BUILDINGS DEDICATED IN THE YEAR NINETEEN HUNDRED SIXTEEN STAND  
AS AN ENDURING MONUMENT TO  
RICHARD COCKBURN MACLAURIN  
WHOSE ENERGY VISION AND LEADERSHIP AS PRESIDENT FROM NINETEEN  
HUNDRED NINE TO NINETEEN HUNDRED TWENTY ESTABLISHED THE  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY IN THIS MORE AMPLE HOME AND  
GUIDED IT INTO A NEW ERA OF STRENGTH AND STABILITY <<<<<<



Finding a summer job is stressful.

If you have Federal Work-Study, consider adding a Community Service Work-Study job to your list of options.

By working with a nonprofit or government agency anywhere in the country you could add to your résumé, gain new skills, build your network, and give back to the community.

Email Linden at [studentworker@mit.edu](mailto:studentworker@mit.edu) for more information.

CONTRA DANCE with LIVE MUSIC

various Tuesdays, 8 - 10:30 pm

Student Ctr 491 (4th floor)

No experience needed.

Free for MIT and Wellesley students.

Suggested donation \$3 other students, \$6 general

April 2 The Frontline Fiddlers Edward Wallace, Julie Metcalf, Jonah Sidman, Cedar Stanistreet, Jeremy Wilmer, Jonathan Cannon Caller: Rachel Shapiro

April 16 Vertical Expression a ceilidh band from the UK! Caller: Tony Parkes

April 30 Contra Corners Jeff Kaufman (piano), Audrey Knuth (fiddle), Stephen Thomforde (Scottish pipes) Caller: Daniel Friedman

May 7 Jonah Sidman (fiddle) & Owen Morrison (guitar) Caller: Ann Cowan

May 14 Multi-Caller Evening

## Shirley Ann Jackson: A life in Pictures

President Bill Clinton appointed Jackson to serve as chair of the U.S. Nuclear Regulatory Commission in 1995. Jackson initiated a major structural overhaul of the commission. In this post, she also helped establish the INternational Nuclear Regulators Association in 1997 and served as the group's first chair.

Jackson serves on numerous boards of directors including the New York Stock Exchange, FedEx Corporation, AT&T Corporation, Brookings Institution, MIT, Georgetown University, Rockefeller University and the Emma Willard School. She is frequently called to testify at government hearings.

Jackson became president of Rensselaer Polytechnic Institute in 1999. She is the first African-American woman to lead a national research university.

Jackson loves hiking in the mountains and is an avid sports enthusiast, especially for RPI teams. That she likes challenge and competition is obvious in her leadership of the Rensselaer Plan, a strategic plan for the transformation of science and technology education and university-based research in the 21st century.

Jackson served as the president of the American Association for the Advancement of Science in 2005. Recipient of more than thirty honorary degrees, she is a fellow of the American Academy of Arts and Sciences, the American Physical Society, and was the first African-American woman elected to the National Academy of Engineering. In 1998, Jackson was inducted into the National Women's Hall of Fame.

"Education is change. Educating successive generations embeds change in a living society."

### Global Leader

Jackson has known exceptional success in her career as a scientist, scholar, and executive. President of Rensselaer Polytechnic Institute since 1999, she has served as chairman of the U.S. Nuclear Regulatory Commission and president of the American Association for the Advancement of Science, the world's largest general scientific society. As an African-American woman, Jackson has often been a "first" but her scientific skill coupled with wisdom, problem-solving abilities and ethos of service has earned her international recognition as a spokesperson for the role of science and technology in society.

### Diversifying MIT

Jackson arrived at MIT in 1964 and the Institute has not been the same since. Like many academically talented students, Jackson earned her undergraduate and graduate degrees here. (SB, Physics 1968; PhD, Physics 1973) Right from the start,

however, she demonstrated exceptional leadership skills. Inspired by the civil rights movement, during her nine years on campus, Jackson was a central figure in making MIT fully accessible to minority students and women. A member of the MIT Corporation since 1973, she continues to be one of the Institute's strongest advocates for an inclusive scientific and technological community.

Shirley Ann Jackson is a global leader in science and engineering education. An intelligent, articulate, and passionate advocate for the development of the next generation of scientist and engineers, Jackson has offered pioneering ideas and transformed institutions with her presence for more than four decades.

Maseeh Hall Presents  
A Musical Brunch with the  
MIT VOCAL JAZZ ENSEMBLE  
directed and accompanied by  
Institute Professor  
John Harbison  
SUNDAY, APR 13  
10AM TO 12PM  
HOWARD NORTH DINING HALL

Self-Immolation in Tibet:  
Protest, Offering, Communication  
Harvard University, Emerson Hall, Room 210  
Harvard Yard, 12 Quincy Street,  
Cambridge, MA  
April 11th, 2014 @ 6:30pm

On Saturday, March 30, 2014, a 31-year old Tibetan nun in eastern Tibet (Kardze Tibetan Autonomous Prefecture of Sichuan Province) set her body on fire to protest Chinese rule. She is the 130th confirmed report of self-immolation in Tibet since 2009. This unprecedented wave of self-immolation protests by Tibetans has shocked the international community, outraged Chinese authorities and simultaneously devastated and united the Tibetan community worldwide.

**This lecture will focus on the information, stories, and history behind the self-immolations and Tibetan resistance to Chinese rule.**

Carole McGranahan  
University of Colorado-Boulder  
Carole McGranahan, a specialist in the history and culture of Tibet and the Himalayan region, is Associate Professor of Anthropology at the University of Colorado-Boulder

~~a penny~~ \$800 for your thoughts  
kelly douglas essay prize  
undergrads: apply by noon, april 22  
[shass.mit.edu/essay](http://shass.mit.edu/essay)  
great ideas change the world  
mit school of humanities, arts, and social sciences



Tuesday, April 22nd  
7:00pm-8:30pm Stata 32-155

**Graduating Soon?**

**Wondering what to expect in your first job?**

Join us to hear 5 dynamic alumni panelists address your questions and share their own experiences in the first years following graduation.

Register at  
<http://almuic.mit.edu/campustocareer2014>

you are welcome here  
lbgt@mit  
<http://web.mit.edu/lbgt>

EVER REALLY THINK ABOUT  
SEX & GENDER?

**SEX**

based on physical anatomy

**INTERSEX**

ambiguous sexual anatomy

**GENDER**

a more mental self-identification

**TRANSGENDER**

sex and gender don't match

Join the conversation about gender at the next Gender Fluidity Group Meeting

please e-mail [parrotfish@mit.edu](mailto:parrotfish@mit.edu)  
for info about upcoming meetings and  
to express interest in joining!

what's going on with lbgt-related policies and practices on campus?

lbgt issues group meeting

april 8th, 5-6pm

rainbow lounge (50-005)

come hear about the issues that are of current importance to fellow members of the lbgt and ally communities at mit. anyone who is affiliated with mit and lbgt-friendly is welcome to join and participate.

all are welcome!

## **QPOC Brunch Series**

Pro-Life Without God

Does abortion violate human rights?

Is terminating a pregnancy killing a person?

Does a woman's bodily autonomy trump a fetus's life?

Saturday

Nov 16, 6pm 3-333

ASA Private  
Bulletin Board  
[asa-exec@mit.edu](mailto:asa-exec@mit.edu), [mit.edu/asa](http://mit.edu/asa)  
NO POSTERING  
Board 13B

tmrc

- electronics
- programming
- building scenery
- rfid experiments
- gui development
- railroad tours

<http://tmrc.mit.edu>

meetings wed & sat 6-11pm, N52-118

The Tech Model Railroad Club

come help us build and program a better (tiny) world



INSTITUTE DIVERSITY SUMMIT 2013

Meritocracy and Inclusion at MIT:

Principles or Practices?

January 20, 2013

8:30am-4pm

6-6pm: Post Summit Networking

Please register:

<http://diversity.mit.edu/summit>

**OME Tutorial Services Room**

For nearly 30 years, the OME TSR has provided tutoring to all undergraduates in any subject requested by utilizing academically advanced upper-class and graduate students to deliver tutoring in any subject requested.

**Seminar XL**

An academic enrichment seminar primarily for freshmen, Seminar XL enables participants to develop mastery of both core subject matter - Calculus, Physics, Chemistry and Biology - as well as intellectual skills for future success in advanced coursework.

our mission

We promote academic excellence, build strong communities, and develop professional mindsets among students of underrepresented minority groups, with the ultimate goal of developing global leaders in the academy, industry, and society.

you are welcome here

OME

The MIT Office of Minority Education

Mission Statement

To promote academic excellence, built strong communities, and develop professional mindsets among students of underrepresented minority groups, with the ultimate goal of developing global leaders in the academy, industry, and society.

Vision Statement

Imagine an MIT experience where all students are connected, happy, excelling, expanding their boundaries and inspired to follow and achieve their passions.

Values

Diversity and Inclusion - We create an inclusive community that values, respects and engages diverse perspectives and talent and encourages all members of our community to thrive, develop and contribute to their full potential.

Excellence - We are driven to go the extra mile to support all students through collaborative effort and individual creativity. Guided by self-awareness and the confidence that each of us contributes to OME's mission, we are inspired to excel.

Integrity - We practice ethical decision-making and create an environment of trust and fairness through honest, responsible action that reflects care for the individual and the common good.

Personal Connections - We value the uniqueness of each individual and seek to build positive relationships that foster a strong internal and external support network for our students.

Student-centered - We guide, support, and empower students to achieve their full intellectual potential, develop a well-grounded, confident sense of self and act on their ability to contribute to the world.

Visionary - We help create opportunities that embolden each MIT student to discover, develop and deploy his or her unique skills thereby building tomorrow's teachers today.

Please Enter  
Through 4-107  
←

**MIT Amnesty International**

What do we do?

We advocate for human rights, spread awareness within the community, and send humanitarian aid to countries in need.

How can I get more information?

Visit [web.mit.edu/amnesty](http://web.mit.edu/amnesty)

&

[facebook.com/amnesty-mit!](https://facebook.com/amnesty-mit)

The Massachusetts Institute of Technology's

TRADITIONAL MEDICINE SOCIETY

[tms.mit.edu](http://tms.mit.edu)

ESSENCE

Ebony Affair

April 5, 2014

Morss Hall | Walker Memorial

6:00p - Cocktail Hour

7:00p - Dinner/Awards

8:30p - Formal Gala

PRICES

Students: \$15

Faculty/Staff: \$35

BAMIT/ALUM: \$35

Guests: \$45

Celebrating the Black Community at MIT

ESSENCE OF EXCELLENCE

**Dinner, Worship & Bible Study**

Wednesdays

W11-080 Lower level

6:00 pm

Join other Christians for a time of Refuge away from the stresses of MIT. Eat, study, & have fun!

<http://web.mit.edu/bcm/www>

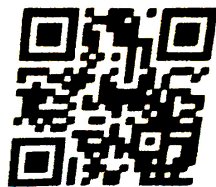
BSF @ MIT

Sponsored by BSF, Baptists Campus Ministry, Baptist Chaplaincy and Finboard.



F\*\*\*ING BIRD  
by aaron posner  
“a funny moving slufgest a ripe mashup of mock and awe.”  
- washington post  
sort of adapted from chekhov’s the seagull  
march 28-april 26, 2014  
Fr. & Sat. at 8:00, Sun April 13 & 20 at 3:00

**Northeast GNU/Linux fest**  
and after party  
Saturday April 5, 2014  
Technical talks:  
    > About the Tor project  
    > Android Malware and Security  
    > Application Deployment Using Docker Containers  
        > “Ask the Geek” panel  
    > Building Orchestration and Configuration with Ansibl  
        > Choosing and Open Source License  
        > Introduction to oVirt  
        > Open Source in Education  
    > Persistant Memory Devices: Changing the Rules for file and storing systems  
    > Recording Professional Podcasts using Open Source  
        > Rednecks are Geeks too  
        > The Future of Open Source  
    > Using Active Directory in a Linux environment  
In Kenmore Square, at the Residence Inn Marriot Hotel 6 Cambridge Center (Behind  
    Legal Seafoods)  
Time: morning until evening  
For registration and more info:  
<http://northeastlinuxfest.org/>



<http://noreastlinuxfest.org/>  
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<http://noreastlinuxfest.org/>  
Saturday April 5, 2014

BLOOD DRIVE  
American Red Cross  
MIT Community Blood Drives  
Student Center La Sala - 2nd Floor  
Monday, March 3rd  
1:00 p.m. - 6:00 p.m.  
Tuesday, March 4th  
8:00 a.m. - 1:00 p.m.  
Wednesday, March 5th  
1:00 p.m. - 6:00 p.m.  
Thursday, March 6th  
1:00 p.m. - 6:00 p.m.  
Friday, March 7th  
1:00 p.m. - 6:00 p.m.

To make an appointment please go to <http://web.mit.edu/blood-drive/www>  
[redcrossblood.org](http://redcrossblood.org) | 1-800-RED CROSS

We are a student-run, free & confidential BLS (Basic Life Support) ambulance service.

In case of a medical emergency, dial x100 or 617-253-1212.

[ems.mit.edu](http://ems.mit.edu)

Visit our website to:

Contact us

Learn more about our service

Request standbys for your event

Find out how to join us

Sign up for our CPR class in April

campus hope

helping others prepare for eternity

you're invited to bible study!

every thursday

rm. 4-351

7pm

[campushope.mit.edu](http://campushope.mit.edu)

[leadcampushope@mit.edu](mailto:leadcampushope@mit.edu)

[facebook.com/campus.hope.mit](https://facebook.com/campus.hope.mit)

Professor Robert H. Richards, a member of MIT's first graduating class of 1868, was a faculty member and the first department head in what is now the Department of Materials Science and Engineering. A recognized expert in mining and metallurgy, he was one of the first educators in the United States to write about hands-on education and was also a skilled blacksmith and glass-blower. In his autobiography, *Robert Hallowell Richards, His Mark*, he describes how mastery of individual skills leads to the ability to perform large and complex tasks.

REDUCE STRESS  
WHAT 3-week stress reduction study  
WHERE complete all study tasks at home  
WHO native english speakers, 18-35 years

DHOOM  
The BIGGEST dance BOLLYWOOD party of the year  
Saturday APRIL 19  
8 - 11 PM Lobdell (W20-208)

A Poetry Reading with Adam Dickinson  
Dickinson reads from his most recent collection, *The Polymers*, a finalist for  
Canada's 2013 Governor General's Literary Award for Poetry.

Reception to follow.  
Thursday, April 10, 5:00 PM  
14E-109, Lewis Music Library

MIT CONCERT CHOIR  
community sing  
Friday, April 11th  
5-6PM  
Lobby 10

the MIT concert choir invites you to join us in singing well-known, beloved choral  
works. passerby, friends, prefrosh, and parents are all welcome to sing with us!  
we will provide scores and snacks  
all are welcome to sing or listen!

SEX & SEXUALITY FAIR!  
honesty | behavior | sexuality | boundaries | relationships | kids | healthy |  
education | family | feelings | music | television | consent | resources |  
conversations | confidence | technology | social media | school | strength |  
parents | safety | bullying | choice  
MIT Coffeehouse Lounge,  
April 9th, 12pm-3pm  
Come visit the Coffeehouse lounge in the Stratton Student Center for a fair all about  
sex and sexuality! With contributions from MIT Medical, MIT Sex Positive Club,  
LGBT@MIT, Hollaback Boston, and the Protestant Student Community. Come take a  
look around or join us for snacks and activities!  
Sponsored by the MIT Protestant Student Community

Friday, April 18th  
1:30pm-3:00pm

MIT BLDG E40-496  
(1 Amherst St, Cambridge)

About the Book: *The speed with which international organizations respond to crises affects prospects for sustainable peace, but scholars have yet to understand why some organizations take longer to respond than others to do so. This book examines the dominant role of informal relations and rules in crisis decision-making and delimits the impact of an organization's affluence.*

About the Speaker: Heidi Hardt is an Assistant Professor of Political Science at the University of Texas at Arlington and, in July, will be joining the faculty at the University of California, Irvine. Dr. Hardt is also the recipient of the 2014-2015 Fullbright-Shuman EUI Chair to Florence, Italy. She received her MSc in European Studies from the London School of Economics and her Ph.D. from the Graduate Institute of International and Development Studies, Geneva.

Moderating: Kenneth A. Oye holds a joint appointment in Political Science and Engineering Systems and directs the MIT Program on Emerging Technologies (PoET). Dr. Oye holds a BA in Economics and Political Science from Swarthmore with Highest Honors and a Ph.D. in Political Science from Harvard with the Chase Dissertation Prize.

*This event is free and open to the public | Books will be sold at the event*  
*[web.mit.edu/cis](http://web.mit.edu/cis) | [rochoa@mit.edu](mailto:rochoa@mit.edu)*

think you're bright?

prove it!

trivia | april 18

food | 7:30-9:30

prizes | walker

+ more! | memorial

sigma kappa presents

ASK ME ANYTHING

\$5/person | \$18/team of 4 | \$7/person at the door

All proceeds support the Sigma Kappa Foundation

Register Mon 4/7 @ Student Center

or online @ [sigmakappa.mit.edu/ama](http://sigmakappa.mit.edu/ama)

## GREEN MATERIALS EXTRACTION

Courtesy of Prof. Tom Eagar

Calcite | *Courtesy of Prof. Sam Allen*

The origins of Course II are in mining and metallurgy; students were well acquainted with rock specimens. | *Courtesy of Prof. Tom Eagar*

Hematite | *Courtesy of Prof. Antoine Allanore*

Silicon | *Courtesy of Prof. Tom Eagar*

COURSE III | DMSE

## Creating an Effective CV for the Academic Job Search

Monday, April 28th

3:00 - 4:00pm, 4-153

This workshop will cover the important elements of a CV, including strategies for how to showcase your particular knowledge and experiences effectively. We also discuss some aspects of the academic job search - such as writing a research or teaching statement, or obtaining letters of recommendation. It's helpful to bring a copy of your CV or a draft with you for reference.

Register on CareerBridge: [www.myinterfase.com/mit/student](http://www.myinterfase.com/mit/student)

COURSE 4 | Department of Architecture

Freshman Open House

Friday April 11 at 11:30 AM | Long Lounge, Room 7-429

Please join us for faculty presentations and Q&A followed by a student-led tour of the department. The deadline to declare your major is Friday, April 25, so bring your questions. Refreshments will be served.

Graduate Women at MIT

gw@mit

Empowerment Conference

Opening Keynote - Wonder Women: sex, power, and the quest for perfection

Debora Spar, President Barnard College, Author of "Wonder Women: sex, power, and the quest for perfection"

Thurs. April 10 5:30 PM, 32-155

reception to follow

How to find great mentors and become one yourself: A discussion

Eve Marder, Professor, Biology, Brandeis University

Kay Tye, Professor, Brain and Cognitive Sciences, MIT

Mon. April 14 5 PM, R&D Common 4th floor Stata Center

reception to follow

Becoming a storyteller of your best self: Imperatives for a successful transition from academia to your professional career

Judy Shen-Filerman, CEO DreamBridge Partners, LLC

Tues. April 14 12 PM, W20-202

lunch served 11:40

Closing keynote - Playing the Game or Hacking the System: A talk and discussion on subverting systems of power

Ruha Benjamin, Assistant Professor, Sociology and African American Studies, Boston University, Author of "People's Science: Bodies and Rights on the Stem Cell Frontier"

Thurs. April 17 5:30 PM, 32-155

reception to follow



eMIT How to write a science blog  
Workshop with Tom Levenson  
Monday, April 7th, 5-6:30 pm (W20-491)  
Are you passionate about science?  
Do you enjoy writing?  
Join us in launching eMIT  
A science outreach blog for MIT grad students  
5-6pm: Writing + brainstorming workshop  
Practice writing about science to non-scientists.  
6-6:30pm: Dinner and address by Tom Levenson, director of the MIT Science Writing Program.  
eMIT is a project of the Graduate Student Council. All MIT community members are welcome at this event, though blog submissions is currently open to grad students only.

CAMPUS TO CAREER  
backpack to briefcase  
MIT ALUMNI ASSOCIATION  
Tuesday, April 22nd  
7:00pm - 8:30pm, Stata 32-155  
Graduating soon?

Wondering what to expect in your first job?  
Join us to hear 5 dynamic alumni panelists address your questions and share their own experiences in the first years following graduation.  
Register at <http://alumni.mit.edu/campustocareer2014>

Materials science and engineering is an important part of the study of art, archeology, and materials culture. Here are some books authored by or featuring our faculty and staff.

DSME | Department of Materials Science and Engineering

When MIT moved to this campus, Course 3 was Mining Engineering and Metallurgy and this lab housed a blast furnace. These books illustrate the evolution of the department and the field.

DSME | Department of Materials Science and Engineering

Chemical Thermodynamics of Materials

C.H.P. Lupis

Scientists are engaged in a pursuit of knowledge that builds on what has come before. Here are some of the reference works authored by faculty in DMSE.

DSME | Department of Materials Science and Engineering

Driving Force The Natural Magic of Magnets

James D. Livingston

Rising Force The Magic of Magnetic Levitation

James D. Livingston

Cellular Materials in Nature and Medicine

Lorna J. Gibson, Michael F. Ashby and Brendan A. Harley

Modern Magnetic Materials Principles and Applications

Robert C. O'Handley

Second Edition Fatigue of Materials

S. Suresh

Fundamentals of Metal Matrix Composites

S. Suresh A. Mortensen A. Needleman

Thin Film Materials Stress, Defect Formation and Surface Evolution

L.B. Freund and S. Suresh

computers - hi tech - ham radio  
GIANT [www.SWAPFEST.us](http://www.SWAPFEST.us)  
AT MIT  
NOW the THIRD SUNDAY of EACH MONTH ALL SUMMER  
bargain electronics - computers - radio parts - software - hardware  
Sunday April 20th  
- Buy Sell Swap - 9 AM to 2 PM  
Albany and Main Streets, Cambridge  
tailgate room for over 200 sellers  
rain or shine - garage available  
Buyers \$6 \$4 with MIT, Harvard STUDENT ID  
Sellers \$20 per space includes 1 admission  
FREE! buyers parking VENDORS from all of New England  
Come early for BEST BARGAINS  
Sponsored by: W1MX, the MIT Electronics Research Society, W1XM/R and the  
Harvard Wireless Club

Hillel can help with all of your Passover needs:

seders  
meals  
matzah support  
run your own seder  
spice up whatever seder you're at  
email us at: [passover@mit.edu](mailto:passover@mit.edu)  
GOT MATZAH?  
passover starts April 14th!

SLEEP STRONG  
sleep is for the ~~weak~~ STRONG  
MIT can be challenging! And it's time for us students to have our stories be heard!  
Want to have a better quality of life at MIT? Then join us in this movement!  
We will have everyone's stories in a campus-wide documentary called  
Sleep is for the Strong  
Share your story through Film, Audio, or Writing at  
[www.sleepisforthestrong.com](http://www.sleepisforthestrong.com)

Teaching Excellence  
Levitan Award for Excellence in Teaching  
Who's your best SHASS teacher?  
You can reward a great professor, instructor, or TA with the Levitan Award for  
Excellence in Teaching.  
Nominating is easy  
Email [shass-teaching-award@mit.edu](mailto:shass-teaching-award@mit.edu) by April 13. All non-visiting teachers in SHASS

subjects are eligible (undergraduate and graduate faculty, lecturers, and TAs).

Include

Your name + email

Name of your favorite teacher

Subject(s) taken with that teacher

Comments on teaching effectiveness, approachability, responsiveness to student progress, and impact

Nominate by April 13

email: [shass-teaching-awards@mit.edu](mailto:shass-teaching-awards@mit.edu)

[shass.mit.edu/levitan](http://shass.mit.edu/levitan)

Find Your Match at MIT!

Meet New People at MIT!

SingleSphere

[www.SingeSphere.com/mit](http://www.SingeSphere.com/mit)

It's FREE!

Submit your profile by Easter

Sunday, April 20th

to be in the first round of matches!

8-113  
WOMEN  
REST ROOMS

8-113  
WOMEN

← Buildings 16, 26, 56  
→ Buildings 6, 6C, 2  
Sol LeWitt,  
Bars of Color (6C)