

ANNUAL REPORT

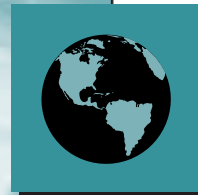
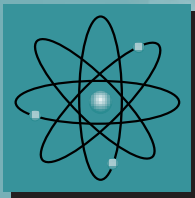


2005 / 2006

THE TECHNOLOGY & CULTURE

FORUM

AT MIT



Friday • September 30, 2005

4TH ANNUAL INTERNATIONAL DEVELOPMENT FORUM

An annual event showcasing the 40+ programs, clubs, and activities at MIT through which students can become involved with development-related work.

► **THE FUTURE OF WATER SERIES**

Tuesday • October 25, 2005

► **WORLD PREMIER OF "WATER PLEASE NO"**

A documentary film by **Rob Kramer** on the arsenic crisis in Bangladesh and Nepal

Comments by: **Rob Kramer**, Chairman and Co-founder of Global Water Trust

Response by: **Charles Harvey**, Civil and Environmental Engineering, MIT

Thursday • October 27, 2005

► **WATER POLITICS AND EARTH DEMOCRACY**

Speaker: **Vandana Shiva**, Director, Research Foundation for Science, Technology and Natural Resource Policy; author of *Water Wars: Privatization, Pollution and Profit*

Response by: **Abha Sur**, School of Humanities, Arts and Social Sciences, MIT

Thursday • November 3, 2005

► **WOMEN AND WATER**

Speakers: **Marcia Brewster**, Task Manager, United Nations Task Force on Gender and Water
Shauna Curry, Director, International Services, Centre for Affordable Water and Sanitation Technology

Magano Ickua, Intern, United Nations Task Force on Gender and Water

Moderator: **Earthea Nance**, Urban Studies and Planning, MIT

Thursday • November 10, 2005

► **INNOVATING FOR CLEAN AND ABUNDANT WATER: ACHIEVING THE UNITED NATIONS MILLENNIUM GOAL FOR WATER**

Speakers: **Susan Murcott**, Research Engineer, Department of Civil and Environmental Engineering, MIT

Aaron Salzberg, Senior Advisor on Water, Bureau of Oceans; International Environmental & Scientific Affairs in the US State Department
Moderator: **Amy Smith**, D-Lab; Edgerton Center, MIT

This series co-sponsored with the Department of Civil and Environmental Engineering, the Dean of Graduate Students, MIT Women's Studies, and South End Press

Tuesday • November 15, 2005

THE MILITARIZATION OF SPACE: A POLICY DEBATE

Speakers: **Lt. General Daniel P. Leaf**, Deputy Commander, United States Pacific Command
Theresa Hitchens, Director, The Center for Defense Information

Moderator: **James Walsh**, Kennedy School of Government, Harvard University

Co-sponsored with the Center for International Studies, MIT

November 9, 2005 • January 25, 2006

SYNTHETIC TEAS: EXPLORING THE RISKS AND PROMISES OF SYNTHETIC GENOMICS

A working conversation offered in partnership with **Drew Endy**, Bioengineering, MIT

January 31 – February 1, 2006

THE ANATOMY OF RECONCILIATION: FROM VIOLENCE TO HEALING

Trinity Church, Copley Square

A conference sponsored by Trinity Institute, New York; video downlinked to Trinity Church, Copley Square, Boston

Tuesday • February 21, 2006

CIVIL RIGHTS ON CAMPUS: ARE WE FREE TO SPEAK?

Speakers: **Nancy Murray**, Director, Bill of Rights Education Project, American Civil Liberties Union, Massachusetts

Hugh Gusterson, Anthropology and Science Studies, MIT

David Kaiser, Program in Science, Technology and Society, MIT

Thursday • March 16, 2006

LISTENING TO DEPRESSION: AN INTERDISCIPLINARY LOOK AT A MENTAL HEALTH CRISIS

Kathryn Madden, Dean and CEO, Blanton-Peale Institute

Richard Kadison, Chief, Mental Health Services, Harvard University

David Mischoulon, Harvard Medical School; Assistant Director, Clinical Research Center, MIT

Moderator: **Alan Siegel**, Chief, Mental Health Service, MIT

Tuesday • April 4, 2006

EUROPEAN MUSLIM IDENTITY IN THE NEW MILLENNIUM

Speaker: **His Eminence, Dr. Mustafa Ceric**, The Grand Mufti of the Republic of Bosnia and Herzegovina

Sponsored by the MIT Muslim Students' Association with support from the Technology and Culture Forum, the Dean of Humanities and Social Sciences, and the Center for International Studies

Sunday • April 9, 2006

WAR, GEOPOLITICS AND HISTORY: CONFLICT IN THE MIDDLE EAST

Speaker: **Robert Fisk**, Middle East correspondent, *The London Independent*

With an introduction by Professor **Noam Chomsky**, Institute Professor Emeritus, MIT

Sponsored by MIT Free Radicals, The Technology and Culture Forum, The Thistle, GSC Funding Board, and MIT Social Justice Cooperative

Thursday • April 20, 2006

THE SECOND ANNUAL ROBERT W. MANN FORUM**MILITARISM: THE "NEW NORMAL" IN AMERICAN POLITICS AND CULTURE?**

Speakers: **Bryan Hehir**, Kennedy School of Government, Harvard University

Missy Cummings, MIT Humans and Automation Lab; Department of Aero/Astro, MIT

Eugene Jarecki, Director of "Why We Fight" a Charlotte Street Films, Ltd. production

Moderator: **Joshua Cohen**, Political Science and Philosophy, MIT

Co-sponsored with the Tech Catholic Community

Tuesday • April 25, 2006

THE 14TH ANNUAL J. HERBERT HOLLOWAY MEMORIAL SYMPOSIUM**THE CEASELESS SOCIETY: WHAT HAPPENS TO US PSYCHICALLY, PHYSICALLY AND SPIRITUALLY WHEN WE NEVER STOP?**

Speaker: **Jon Kabat-Zinn**, UMass Medical School, Preventive and Behavioral Medicine; author of *Meditation for Optimum Health and Full Catastrophe Living*

With The Venerable **Tenzin LS Priyadarshi**, Buddhist Chaplain and Visiting Scholar, MIT
Moderator: **Lee Moore**, Rabbinical Studies, Hebrew College

The March 16th and April 25th programs co-sponsored with Center for Health Promotion and Wellness, MIT Medical Department, Center for Work, Family and Personal Life, MIT; Department of Brain and Cognitive Sciences, MIT; MIT-Prajnopaya, 2006 Mandala Project, and Trinity Church, Copley Square, Boston

THE TECHNOLOGY AND CULTURE FORUM AT MIT PROMOTES DISCUSSION OF THE ETHICAL IMPLICATIONS OF SCIENTIFIC AND TECHNOLOGICAL INNOVATION, AND EXPLORES THE ROLE OF SCIENCE AND TECHNOLOGY IN PROMOTING POSITIVE CHANGE. WE SEEK OUT TOPICS WHICH FALL OUTSIDE OR BETWEEN TRADITIONAL DEPARTMENTAL LINES.



I began my work at MIT one month before September 11th, 2001. Five years into my tenure here, it is very clear how profoundly that event and the subsequent war on terrorism are redirecting the priorities of the Institute as well as the concerns and yearnings of MIT students. Development-related projects, classes on ethics and global politics, interfaith dialogues — all of these have burgeoned in the last several years. These developments on campus indicate a growing awareness of the precariousness of the human and global future and a sense that technical fixes alone are not enough. No weapons system, no genomic breakthrough, no new energy source alone will bring civil society and peace to the world.

Because the Technology and Culture Forum has a 42-year track record of challenging the MIT community to consider how science and engineering interface with policy and culture, we are being invited into myriad conversations and collaborations in this new environment. If you scan the list of programs included in this report, you will see that our cosponsors include an amazingly wide range of groups, from MIT Medical to the Buddhist Chaplaincy, from the Center for International Studies to the Free Radicals. Someone recently said to me with a critical edge, “You people are all over the map.” The more I thought about it, the happier I was about the comment! Our speakers this year came from all over the map: India, Bosnia, Nigeria, Canada.

- ▲ **AS PART OF OUR “FUTURE OF WATER” SERIES, SHAUNA CURRY ENGAGES THE AUDIENCE WITH HER TALK ON WOMEN AND WATER**
- ▼ **WRAPPING UP OUR SPRING PROGRAMMING, JON KABAT-ZINN AND MIT BUDDHIST CHAPLAIN, THE VENERABLE TENZIN LS PRIYADARSHI, SPEAK TO A STANDING ROOM ONLY CROWD IN SIMMONS HALL ON THE EFFECTS OF OUR “CEASELESS SOCIETY”**



They also came from all over the academic map and the ideological map. I believe this strengthens our program tremendously and allows us to equip our audiences for transformative leadership in a unique and powerful way.

We are able to cover so much ground each year thanks to an extraordinary team of faculty, staff, students, administrators and alumni/ae. I could fill another report naming and lauding them. Let me note here the great generosity of Bill and Betsy Leitch, whose gift to our endowment this year was a tremendous vote of confidence. In addition, thanks go out to our many annual donors and supporters, and particularly to MIT President Emeritus Paul Gray for his wisdom and friendship. Associate Coordinator Patricia Weinmann continues to be invaluable as a colleague in planning, relationship-building, and creative visioning.

▼ **PAUL GRAY EXTENDS SINCERE THANKS TO BILL ('56) AND BETSY LEITCH FOR THEIR GENEROUS ENDOWMENT GIFT TO T&C**



Results@MIT

Creating the political will to end poverty and hunger is the goal of RESULTS, an international grassroots organization with twenty-five years of experience influencing public policy. This year, T&C brought RESULTS to campus, establishing the first-ever, campus-based RESULTS group. Results@MIT equips tomorrow's leaders in science and engineering to speak, write, and organize effectively around issues like microcredit, eradicating TB, and eliminating school fees in developing nations.

For more information, see <http://www.results.org>.

◀ **ROBERT FISK GIVES AN IMPASSIONED PRESENTATION ON WAR, GEOPOLITICS AND HISTORY ON SUNDAY, APRIL 9 TO AN OVERFLOW CROWD IN 10-250**

▼ **JEREMY JOHNSON '06 RECEIVES MIT'S GRADUATE STUDENT LEADERSHIP AWARD FOR HIS WORK ON OUR STEERING COMMITTEE**



JUST Desserts

In partnership with MIT's Public Service Center, T&C has been piloting a program called "Just Desserts," through which MIT students spend an evening reflecting on a significant educational experience and articulating what they have learned about themselves and their values. The eight events thus far have included students who participated in study abroad programs, students who spent spring break engaged in post-Katrina service work on the Gulf Coast, and students in leadership positions on campus. Our goal is to create a model that can be used by any group or department on campus wanting to help students grow in their capacity to reflect and identify their core principles.



And finally, I give particular thanks for the students who served on our Steering Committee this year, whose leadership on the Future of Water series, as well as several other projects, was outstanding.

In 2006-07, we will be taking on the future of nuclear technologies, strategies for stemming global climate change, the ethical and technical issues behind the health care crisis, and technology and gambling. We look forward to working with new Steering Committee members John Durant of MIT Museum and Bish Sanyal of DUSP. Please join us often and be in touch. ■

Amy McCreath

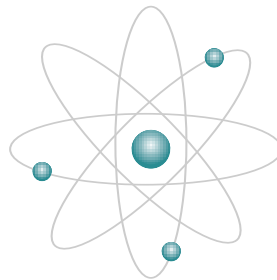
(The Rev.) Amy McCreath

▲ **AMY MCCREATH AND MIT**

STUDENTS ENJOY AN INFORMAL

DINNER WITH VANDANA

SHIVA DURING HER VISIT TO MIT



ANNUAL SUPPORT

ENDOWMENT LEADERSHIP

William and Betsy Leitch
Albert Wilson

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Department of Civil and Environmental
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Office of the Dean for Student Life
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LEADERSHIP CIRCLE

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Peter Fiekowsky
Jay Forrester
Richard Goldhor
John Heywood
William Leitch
Office of the Chancellor
Office of the Dean for Student Life
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Homer and Beverly Eckhardt
Frances Elliott
James Fay
Paul and Priscilla Gray
Elias Gyftopoulos
Tracy Lively
David and Ruth McCreath
Albert Wilson

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The Very Rev. John Streit
John Suhrbier
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Lisa Tucker-Kellogg
Ellen and David Gordon Wilson
Bernhardt Wuensch

A SPECIAL THANKS

to our

Development Committee



Stephen Immerman
Peter Fiekowsky, '77
Paul Gray, '54
William ('56) and Betsy Leitch
The Rev. Amy McCreath
Robert Randolph
Bishop M. Thomas Shaw, SSJE
Patricia-Maria Weinmann
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77 Massachusetts Ave.
MIT Building W11
Cambridge, MA 02139



THE TECHNOLOGY AND CULTURE FORUM STEERING COMMITTEE 2005 / 2006

The Technology and Culture Forum at MIT 2005-2006

STEERING COMMITTEE

Samuel M. Allen — *Materials Science and Engineering*

Nazli Choucri — *Political Science*

James Fay — *Mechanical Engineering; Professor Emeritus*

Hugh Gusterson — *Anthropology and Science Studies*

Jeremy Johnson — G

Sarah Johnstone — G

Evelyn Fox Keller — *History and Philosophy of Science*

Jay Keyser — *Linguistics and Philosophy; Special Assistant
to the Chancellor; Professor Emeritus*

Jonathan King — *Biology*

William R. Leitch — '56

Robert W. Mann — *Mechanical Engineering;
Whitaker Professor Emeritus*

Nergis Mavalvala — *Physics*

Louis Menand, III — *Special Assistant to the Provost Emeritus*

Christopher Moore — *Department of Brain and Cognitive Sciences*

Megan Palmer — G

Ruth Perry — *Literature*

Balakrishnan Rajagopal — *Urban Studies and Planning*

STAFF

The Rev. Amy McCreath, *Coordinator*

Patricia-Maria Weinmann, *Associate Coordinator*

Brian Turner, *Micah Project, Administrative Assistant*

Julia Hamilton, *HDS student, Intern*