

Thursday • October 18, 2001

**AN EVENING WITH NOAM CHOMSKY:**  
**The New War Against Terror**

Tuesday • November 6, 2001

**11th Annual J. Herbert Hollomon Memorial Symposium**  
**ENERGY AND CLIMATE:**  
**What Role for Conservation Policy?**

**Ernest Moniz**, MIT  
**David Nemtzw**, *President, Alliance to Save Energy*  
**Thomas Casten**, *Chairman and CEO, Private Power LLC*  
Moderator: **Henry Jacoby**, MIT

Tuesday • November 20, 2001

**BEYOND THE HEADLINES:**  
**Making Sense of the Stem Cell Debate**

**George Daley**, MIT/ *Whitehead Institute for Biomedical Research*  
**Thomas Shannon**, *Worcester Polytechnic Institute*  
**Abbey Meyers**, *President, National Organization for Rare Disorders*  
Moderator: **Claudia Mickelson**, MIT

Tuesday • November 27, 2001

**THE HIJACKING OF RELIGION IN WAR**

**Karen Armstrong**, *Leo Baeck College; author of "The Battle for God"*  
*Sponsored by the MIT Board of Chaplains and the Dean for Student Life/Dean of Undergraduate Education*

Tuesday • January 29, 2002

**THE MEDIA AND THE WAR IN AFGHANISTAN**

**Anne Barnard**, *foreign correspondent, Boston Globe*  
**Henry Jenkins**, *Director, MIT*  
**David Barsamian**, *producer, "Alternative Radio"*  
**John Dower**, MIT  
Moderator: **Marc Kusnetz**, *Producer, NBC Nightly News*  
*Co-sponsored with South End Press*

Wednesday • February 26, 2002

**WHAT PART OF YOU IS NOT FOR SALE?**  
**Economic Justice and Consumer Choice**

**Thomas Beaudoin**, *Boston College; author of "Virtual Faith: The Irreverent Spiritual Quest of Generation X"*  
**Rodney North**, *Director, Community Relations, Equal Exchange*  
**Katia Lemos**, *Director, Ana da Hora Workers Center*  
*Co-sponsored with the MIT Western Hemisphere Project*

Friday-Saturday • February 22-23, 2002

**TECHNOLOGY & THE NEW GLOBAL CONTEXT:**  
**Rethinking Social Responsibility**

*Keynote Speakers:* **Philip Morrison**, MIT and  
**Tiffany Shlain**, *founder, the Webby Awards*  
*Panels on Genetic Engineering of Food, Security Issues and the Internet, and Global Climate Change*  
*Conference sponsored by MIT Student Pugwash*

Sunday • February 24, 2002

**DESMOND TUTU**, *Former Anglican Archbishop of Capetown*  
**Reconciliation in a Broken World**  
*An audiocast of remarks made at an ecumenical gathering at the Cathedral of St. Paul, Boston*

Thursday • February 28, 2002

**MISSILE DEFENSE: Causes & Consequences**

**Stephen Van Evera**, MIT  
**Geoffrey Forden**, MIT  
**George Lewis**, MIT  
*Co-Sponsored with the MIT Undergraduate Research Journal*

Tuesday • March 12, 2002

**DOES TAMPERING with the HUMAN GENOME VIOLATE HUMAN RIGHTS?**

**Stephen Marks**, *Harvard School of Public Health*  
*Co-sponsored with the MIT Program in Human Rights Law*

April 3 - May 1, 2002

**EXPLORING THE MANY DIMENSIONS OF SUSTAINABLE DEVELOPMENT**

*Five events featuring:* **Tony Charles**, *University of Sunderland*;  
**Sylvie Faucheux**, *University of Versailles*; **Nicholas Ashford**, MIT;  
**John Sterman**, MIT; **Robert Scott**, *Economic Policy Institute*;  
and **Basil Whiting**, *former Deputy Assistant Secretary of Labor*  
*Co-sponsored with LFEE, Sloan School and Dept. of Architecture*

Tuesday • April 9, 2002

**THE IMPACT OF MCAS ON INQUIRY-BASED SCIENCE EDUCATION**

**Deborah Meier**, *Principal, Mission Hill School*  
**Eugene Gallagher**, *UMass - Boston*  
**Jonathan King**, MIT  
*Co-sponsored with MIT Center for Work, Family and Personal Life and the Teacher Education Program at MIT*

Thursday • April 11, 2002

**WHO OWNS THE SKY?**  
**A Plan for a Sustainable Future**

**Peter Barnes**, *founder, Working Assets; author of "Who Owns the Sky?"*

Thursday • April 11, 2002

**NATIONAL MISSILE DEFENSE OR OFFENSE?**  
**The True Role of the US Missile Defense System**

**Dingli Shen**, *Fudan University, Shanghai, China*  
**Randall Forsberg**, *Director, Institute for Defense and Disarmament Studies*  
**Lisbeth Grundlund**, *Union of Concerned Scientists*  
Moderator: **Kosta Tsipis**, MIT

Friday • May 17, 2002

**TECHNOLOGY AND LAW:**  
**Shaping a Peaceful and Just Future**

*Lunch at the Faculty Club with lecture by Judge C. Weeramantry, former VP, International Court of Justice*  
*Co-sponsored with the MIT Program on Human Rights Law*

Tuesday • May 28, 2002

**THE WORLD BANK: Critical Perspectives**

**Dennis Brutus**, *Univ. of Pittsburg; Jubilee 2000 South Africa*  
**Devesh Kapur**, *Harvard University; author of "The World Bank: Its First 50 Years"*  
**Njoki Njeru**, *Director, 50 Years is Enough*  
Moderator: **Balakrishnan Rajagopal**, MIT  
*Co-sponsored with the Students for a Democratic Commencement with support from the Office for the President*

77 Massachusetts Ave.  
MIT Building W11  
Cambridge, MA 02139



## THE TECHNOLOGY AND CULTURE FORUM STEERING COMMITTEE 2001 / 2002

### The Technology and Culture Forum at MIT 2001-2002

#### STEERING COMMITTEE

**Samuel M. Allen** — *Materials Science and Engineering*

**John Paul Clarke** — *Aeronautics and Astronautics*

**James Fay** — *Mechanical Engineering, Professor Emeritus*

**Henry Jacoby** — *Sloan School of Management*

**Jeremy Johnson** — *Graduate Student*

**Jay Keyser** — *Linguistics and Philosophy;*  
*Special Assistant to the Provost*

**Jonathan King** — *Biology*

**Evelyn Fox Keller** — *History and Philosophy of Science*

**William R. Leitch** — '56

**Robert Mann** — *Mechanical Engineering,*  
*Whitaker Professor Emeritus*

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

**Philip Morrison** — *Physics; Institute Professor Emeritus*

**Ruth Perry** — *Literature; Program in Women's Studies*

**Balakrishnan Rajagopal** — *Urban Studies and Planning*

**Fleming Ray** — *Graduate Student*

**Kosta Tsipis** — *Program in Science and Technology*  
*for International Security*

#### STAFF

**The Rev. Amy McCreath**, *Coordinator*

**Patricia-Maria Weinmann**, *Associate Coordinator*

ANNUAL REPORT

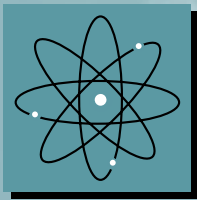


2001 / 2002

THE TECHNOLOGY & CULTURE

FORUM

AT MIT



**THE TECHNOLOGY AND CULTURE FORUM PROMOTES DISCUSSION AT MIT 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.**



**KATIA LEMOS, A BRAZILIAN ACTIVIST, EXPLAINS THE CONNECTION BETWEEN INTERNATIONAL TRADE AND THE EXPLOITATION OF WORKERS AS FELLOW PANELIST, RODNEY NORTH, LISTENS**

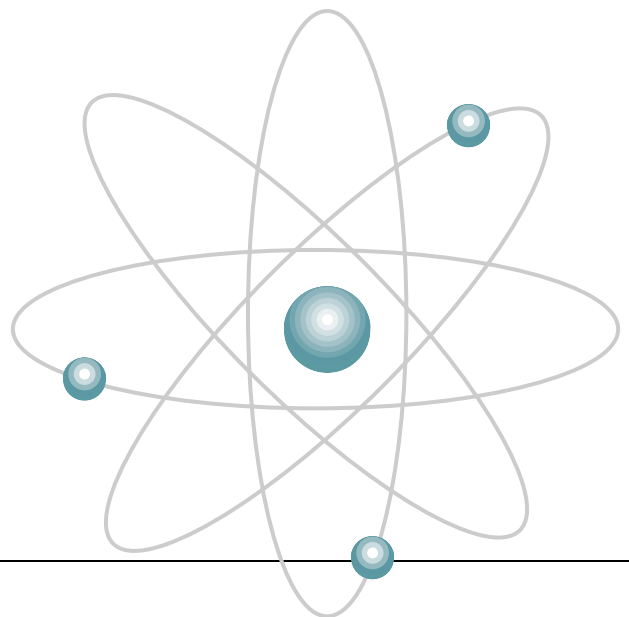
Still reeling from the shock of what we had seen over and over on our television screens, the Steering Committee of T & C met this Fall on September 12th, a mere 26 hours after the planes crashed into the World Trade Center and the Pentagon. It has become commonplace to say that September 11th changed everything. For the Technology and Culture Forum, it reconfirmed everything. It reconfirmed the need for ethical reflection on scientific and technological innovation, the need for creative, courageous thinking about how humans employ and deploy powerful technologies and whose interests these innovations serve, and the need for those in the MIT community and beyond to hear a broad range of voices address the critical issues of our day. Never has our work been more urgent.

As you can see from the program listing in this annual report, our enthusiasm for this mission translated into a full docket of excellent programs in 2001-2002. The timeliness of our programs was confirmed by consistently strong attendance and the enthusiastic

response of those who attended or heard programs. Students clustered around presenters, continuing the discussion long after the forum officially ended; academic programs and student organizations forwarded announcements of our events to all their members; "thank you" phone calls and e-mails arrived from people overseas who listened to our programs via our web-site. All this confirmed our sense that what we do is valued and needed by those committed to positive change and thoughtful discourse in these critical times.



**PULITZER PRIZE RECIPIENT JOHN DOWER DISCUSSES HOW THE MEDIA REINFORCES AMERICA'S SELF-PERCEPTION OF INNOCENSE DURING TIMES OF WAR**



One of our main goals this year was to build relationships with academic programs and student organizations at MIT which share some of our concerns and passions. We began this collaborative work earlier than we had planned, teaming up with a wide array of organizations at MIT to provide a series of “teach-in’s” on topics related to September 11th and our nation’s response. Once our formal programming began, we continued to forge valuable partnerships, and, as the program listing in this report shows, many of our events were cosponsored with other MIT entities. This allowed us to serve a broader cross-section of the Institute, gain wider perspective on issues, and afford to bring in more speakers from far afield.



It would be impossible to chronicle each of these forums in this short report. Here are a few narrative “snapshots” which help tell the story: Audience members, led by speaker Stephen Marks, wrestling with the vagueries of the concept of “human dignity” in human rights law as it applies to stem cell research; A standing-

room-only crowd of MIT faculty and staff, many of whom are parents of students in public school, captivated by Eugene Gallagher’s passionate review of the flaws in the design and content of the science portion of the MCAS test; Institute Professor Emeritus Phil Morrison and GenX internet analyst Tiffany Shlain, separated by fifty years of historical experience, yet equally enthusiastic about the potential for technologies to improve the human condition, captivating a crowd of students from the New England area at the Pugwash Conference on Technology and the New Global Context; Boston Globe reporter Anne Barnard facing down over-generalizations about the “mainstream media” and walking us through her experience as a female reporter in Islamic extremist held lands.

A year such as this one takes enormous behind-the-scenes planning and promotion. I would like to thank Patricia Maria Weinmann for the extra hours and great wisdom she invested in these programs. Thanks also go to the Steering Committee of T & C, including our new members: Professor Balakrishnan Rajagopal of DUSP,



**NJOKI NJERU OFFERS A STRONG CRITIQUE OF THE WORLD BANK’S STRUCTURE AND ACTIONS ON MAY 28**

Professor Evelyn Fox-Keller of STS, and chemical engineering graduate student Jeremy Johnson. Our work this year would not have been possible without the on-going, generous support of Bill and Betsy Leitch, Phil and Martha Smith, Albert Wilson and a host of other loyal supporters.

**ABOVE: MIT STUDENTS REEVALUATING THEIR RESPONSIBILITIES AS CONSUMERS AT THE FEBRUARY 26 EVENT ON ECONOMIC JUSTICE AND CONSUMER CHOICE**

**RIGHT: PANELIST HENRY JENKINS (FAR LEFT) RESPONDS TO AN AUDIENCE MEMBER’S QUESTION DURING “THE MEDIA AND THE WAR IN AFGHANISTAN” ON JANUARY 29**

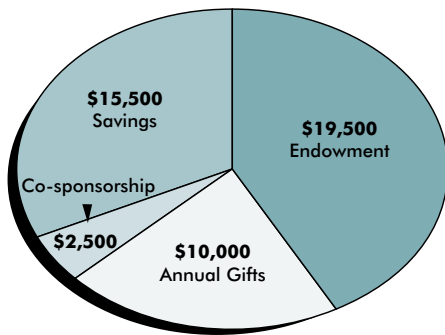




**INSTITUTE PROFESSOR EMERITUS PHILIP MORRISON JOINS STUDENT ORGANIZERS CHITRA KUMAR (UPPER LEFT) AND PABLO SUAREZ (LOWER RIGHT), ALONG WITH T&C COORDINATOR AMY MCCREATH (UPPER RIGHT) AND ASSOCIATE COORDINATOR PATRICIA WEINMANN, DURING THE NEW ENGLAND PUGWASH CONFERENCE IN FEBRUARY**

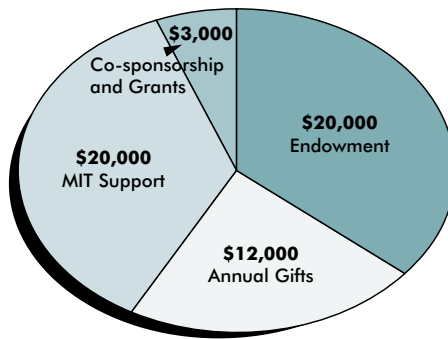
Although proud of the year that is ending, we are already working towards new goals for the future. In the year ahead, we aim to (1) find creative ways to serve a broader section of the MIT community -- and particularly undergraduates -- through partnering with professors as they build curricula, sponsoring a freshman advising seminar, and holding less formal but educational events specifically for undergrads, (2) bring to campus more non-US voices on issues of international relations, sustainable growth and weapons development, and (3) continue to expand our partnership with MIT World, through which videos of some of our programs have been made available to the public this year.

MIT World is a free, open, video streaming web site that provides on-demand video of significant public events at MIT. Their high estimation of our work led them to seek us out on many occasions this year to arrange videotaping of forums (see <http://mitworld.mit.edu/>, which features several of our programs). Partnering with MIT World allows us to have an even greater impact at MIT and beyond, but it does require additional financial burdens. In order to expand this partnership and achieve our other goals for T & C, our budget must grow by about fifteen percent. As the charts below demonstrate, we are currently drawing down on our savings to cover operating expenses. Our strategy



**CURRENT FUNDING**

**2001/2002**



**TARGET FUNDING**

**2002/2003 & BEYOND**

for 2003 and beyond is to grow our endowment and restore financial support from the Institute for our work, thereby allowing us to continue to carry out our mission in a fiscally responsible manner.

The Technology and Culture Forum took root during a time of war, when a sense of crisis pervaded academia and society. Once again, our nation is engaged in an unfocused war, and political, academic, and business leaders are challenged to apply quickly-emerging technologies to stem ethical, cultural and environmental crises. As the next generation of leaders prepares at MIT for their role in the midst of these realities, the work of the Technology and Culture Forum could not be more timely. I thank you for your support for this work, as well as your commitment to a positive future for humankind and the planet. ■



**MCAS CRITIC EUGENE GALLAGHER SPEAKS TO AN SRO CROWD ON APRIL 9**



**THE REV. AMY MCCREATH, COORDINATOR OF THE TECHNOLOGY AND CULTURE FORUM, APPLAUDS THE SPEAKERS AND AUDIENCE AT THE CONCLUSION OF "WHAT PART OF YOU IS NOT FOR SALE?" ON FEBRUARY 26**