Director's Letter

Our fall semester began with a CAS/MillerComm lecture by Larissa Adler Lomnitz entitled Culture and Politics in Mexico: The Symbolism Behind Political Campaigns, which analyzed the contemporary political culture in Mexico. Other talks in the series include, among other topics, bioethics, open science and indigenous rights in Ecuador. The CAS initiative Mega-Disasters: Science, Policy and Human Behavior features talks about earthquakes, volcanoes, and deforestation in areas around the world including Africa, Indonesia, and China. I am delighted to report that The Age of Networks initiative (AY2005-06) received funding from the Office of the Provost to continue the speaker series this current academic year.

In the meantime, we are moving ahead with our planning for two upcoming initiatives: Science and Technology in the Pacific Century (STIP) for AY2007-08 and Immigration: History and Policy for AY2008-09. Both of these initiatives will include events leading up to the initiative year: please consult our website for the latest information on speakers and other events.

Our annual initiatives have been making an impact: I take personal pleasure in reporting that the response to Improving Ethical Protection: Counteracting IRB “Mission Creep.” The Illinois White Paper has been gratifying. This was a document resulting from a project spearheaded by CAS Resident Associate C. K. Gunsalus (Law, LAS) in collaboration with other colleagues including myself. Our editorial based on the white paper recommendations appeared in the June 9 issue of Science, with letters and our response in the September 8 issue. Due out this October is the edited volume, Defining Values for Research and Technology (Philip McConnaughay and Jay Kesan, eds.), featuring articles and commentary from the CAS initiative of the same name (AY 2000-01).

Our newest CAS Associates and Fellows are listed inside this newsletter. As you know, the CAS Release-Time Program is one of the very few internal granting sources for our faculty. You will soon be receiving special publicity about this important program. As a member of the committee that selects the newest Associates and Fellows, I am constantly impressed by the great range of first-class scholarship to be found on our campus.

Finally, I would like to remind you that the Center is always willing to accept requests for cosponsorship funding outside of the CAS/MillerComm application process. Small grants are available to offset the costs associated with a single speaker, and larger grants for conferences and symposia. To request CAS cosponsorship, please send a formal request to Associate Director Masumi Iriye, iriye@uiuc.edu.

Best wishes for this academic year,
ASSOCIATES & FELLOWS

ASSOCIATES

Narendra Ahuja (Electrical & Computer Engineering and Beckman Institute)
Integration of Spatial and Frequency Representations for Periodic Motions

Antonia Darder (Education Policy Studies and Latina/o Studies)
Forging a Puerto Rican Feminism: The Power and Poetics of Embodied History

Laura H Greene (Physics)
Particle Conversion in Unconventional Superconductors

Paul Kwiat (Physics)
State-of-the-Art Detectors for Quantum Information Processing

Ralph W. Mathisen (History and Classics)
Citizenship and Identity in the Late Roman and Early Medieval Worlds

Harriet Murav (Slavic Languages & Literatures and Comparative & World Literature)
Music from a Speeding Train: Russian-Jewish and Soviet Yiddish Literature

Robert G. Ousterhout (Architecture)
From Center to Border: Repositioning Architectural History in the Evros/Meric River Valley

David Roediger (History and African-American Studies & Research)
Race Making Nation: A U.S. History

Daniel Schneider (Urban & Regional Planning and Illinois Natural History Survey)
Treating Sewage: Coupling History and Ecology in the Study of an Industrial Ecosystem

Daniel Simons (Psychology and Beckman Institute)
A Book on the Consequences of Perceptual and Cognitive Illusions

Xiaodong Song (Geology)
Seismic Imaging of the Earth’s Inner Core

Sever Tipei (Music)
Composition for Chamber Ensemble and Computer-generated Sounds

Douglas B. West (Math)
Research and Scholarship in Combinatorial Mathematics

FELLOWS

*Brian DeMarco (Physics)
Quantum Simulation Using Ultra-cold Atoms

*Minh N. Do (Electrical & Computer Engineering and Coordinated Science Lab)
Sampling Signals from a Union of Subspaces

*Clarence Lang (African-American Studies & Research and History)
Black Working-Class Formation and Social Movements in St. Louis, Missouri, 1936-1969

Lisa Rosenthal (Art History)
For Pleasure, Profit, and Persuasion: Constructions of Art’s Many Virtues in the Netherlands of the Seventeenth Century

*Christian Sandvig (Speech Communication)
Visualizations of the Electromagnetic Spectrum in Policy Debates About Wireless

*M. Christina White (Chemistry)
Hydrocarbon Functionalization Methods for Synthesis

* denotes Beckman Fellow

CAS COSPONSORSHIPS

ASSOCIATES & FELLOWS 2006-07

ASSOCIATES

Ford Foundation’s “Difficult Dialogues” Conference (Asian American Studies)

Interfaces and Visualizations Symposium (French)

Susanna Hecht, Prisms of Globalization (Center for Global Studies)

Liz Lerman, visiting performer, Ferocious Beauty: Genome, luncheon discussion (KCPA)

Katrina: After the Storm—Civic Engagement through Arts, Humanities and Technology (Campus)

Calvin DeWitt, keynote, Workshops on Religion and Ecology (Religious Studies)

Intersections of Aesthetics and Politics: A Conference on Asian American Performance (Asian American Studies)

Patricia Tang, Lamine Touré and Group Saloum (African Studies)

Poetry, Politics and the Professional: A Tribute to Cary Nelson (English)

Calvin DeWitt, keynote, Northeast Linguistics Society’s 37th Annual Meeting (Linguistics)

Paul Schimmel, Live in Your Head- Ecstasy: In and About Altered States (Art and Design)

Tony Palmer, The Use of Music in the Films of Stanley Kubrick (Musicology)

Darlene Clark Hine, From Respectability to Respect: Black Women’s Civic Culture and Consciousness in Jim Crow America (African-American Studies & Research)

Michael Dash, The French Caribbean as a Crucible of Change (French)

Veretski Pass, performance of Klezmer music (Jewish Culture and Society)

Stochastic Processes and their Applications Lecture Conference (Math)
INTERDISCIPLINARY INITIATIVES
The Center’s annual interdisciplinary initiative provides an opportunity for faculty and students to engage in a prolonged study on a topic of interest to a wide range of disciplines and methodologies across campus. In the past, we have offered a weekly seminar and year-long speaker series organized around topics including networks across the sciences, arts and humanities; memory; health and social welfare policy; and the ethnography of the University of Illinois.

Last year's extremely successful initiative, The Age of Networks: Social, Cultural and Technological Connections, received funding from the Provost’s Office to continue the public lecture and workshop components during AY2006-07. Professor Noshir Contractor (Speech Communication) will coordinate this initiative. The CAS website provides updated information.

FUTURE INITIATIVES
Please consult the CAS website for special lectures and colloquia leading up to the initiative year.

Initiative for 2006-07
Mega-Disasters: Science, Policy and Human Behavior
Destructive hurricanes, volcanic eruptions, earthquakes, floods and tsunamis have occurred throughout human history and often cause vastly more loss of life and disruption of human activities than events orchestrated by terrorists. Natural disasters, such as volcanic eruptions, earthquakes, and hurricanes will keep on occurring, but their effects are increasingly amplified by the presence of and policies of humans. “Stealth mega-disasters” are new phenomena that affect the future of civilization itself. They are caused almost solely by humans. Water is becoming globally scarce and contaminated; our atmosphere is changing; losses of soil threaten the global capacity of agriculture to feed us; and critical terrestrial and oceanic ecosystems are disappearing. These natural and stealth mega-disasters will become increasingly devastating socially and economically because the population of the planet is rapidly increasing and because of human actions and policies.

CAS Resident Associate and Professor of Geology, Susan Kieffer will coordinate this initiative. The CAS Forum on Critical Issues: Katrina (September 26, 2005) and the panel on Earthquakes (February 15, 2006) were previews of this initiative that will include a series of panel discussions featuring UIUC faculty and invited speakers throughout the coming academic year. CAS Resident Associate Robert McKim (Religious Studies and Philosophy) and Kieffer will be teaching a related course, CAS 597, “The Science and Ethics of Sustainability” during second semester, 2007.

Initiative for 2007-08
Science and Technology in the Pacific Century
CAS Resident Associate Glenn Hoetker (Business Administration)
STIP will address a series of issues concerning the development in science and technology in East Asia, as well as developments in the East Asian market, and how these are already transforming American science technology and industry.

Initiative for 2008-09
Immigration: History and Policy
CAS Resident Associates Jim Barrett (History) and Gale Summerfield (WGGP)
Immigration will bring together scholars in the social sciences, law, computer science, engineering and humanities to explore new approaches to immigration and its controversies.

PROGRAM DEADLINES AND APPLICATION WEBSITE
http://www-applications.cas.uiuc.edu

Please remember: applications and guidelines to all of our programs are available only at our website. You are encouraged to review the application forms well in advance of the deadline. If you have any questions, please call Jackie Jenkins at 333-6729 or email her at jrjenkin@uiuc.edu.

George A. Miller Programs : CAS/MillerComm & Visiting Professors and Scholars
Spring Semester 2007 and beyond
DEADLINE Tuesday, October 3, 2006
Fall Semester 2006 and beyond
DEADLINE Tuesday, April 3, 2007

Arnold O. Beckman Lecture
Spring Semester 2007 and beyond
DEADLINE Tuesday, October 3, 2006

Release-Time Appointments : Associates & Fellows 2007-08
DEADLINE Tuesday, October 31, 2006

CAS SPRING RECEPTION
THE CENTER FOR ADVANCED STUDY SPRING RECEPTION
Each spring, the Chancellor’s Office and the Center for Advanced Study Professors honor faculty members on our campus who received prestigious awards during the course of the academic year.

Honorees include faculty members who received an award on the basis of comparative evaluation in national or international competitions including awards for outstanding achievement by national professional organizations. Editorship of important journals will be considered. Local, statewide or regional awards, election to offices in statewide or regional professional societies are not considered.

UIUC deans, department heads and faculty members are encouraged to submit any awards received since last April meeting these criteria to the Center. Please also include awards that were bestowed too late to be recognized at last year’s reception.

Please submit the following information by Monday, March 12, 2007
• Complete name of the award recipient and UIUC academic title;
• Complete name/title of the award (do not abbreviate);
• Complete name of the sponsoring organization and/or institution (do not abbreviate);
• Year of the award; and
• Provide the country (if this is an international award)
E-mail submissions to jrjenkin@uiuc.edu or fax 244-3396.
center: dates

9.6 Larissa Adler Lomnitz
Universidad Autónoma de México, Mexico City
_Culture and Politics in Mexico: The Symbolism Behind Political Campaigns_
CAS/MillerComm 2007
7:30pm, third floor, Levis Faculty Center

9.11 Caspi Avshalom
King’s College, London and University of Wisconsin at Madison
_How Our Genes Shape the Way We Respond to Our Environment_
CAS/MillerComm 2007
8:00pm, auditorium, Beckman Institute

9.14 Dougias Hofstadter
Indiana University
_Analogy as the Core of Cognition_
CAS/MillerComm 2007
7:30pm, theatre, Lincoln Hall

9.25 Tom Casadevall
U.S. Geological Survey, Denver
_The 1994 Rwandan Refugee Crisis: Cultural Awareness in Managing Natural Disasters_
CAS Initiative on Mega-Disasters: Science, Policy and Human Behavior
7:30pm, third floor, Levis Faculty Center

9.26 Tom Casadevall
U.S. Geological Survey, Denver
_The December 26, 2004, Sumatra Earthquake and Indian Ocean Tsunami: Field Perspectives on the Impacts to the Peoples, Cultures, Politics, and Economies of One of the World’s Most Vibrant Regions_
CAS Initiative on Mega-Disasters: Science, Policy and Human Behavior
4:00pm, Knight Auditorium, Spurlock Museum

10.4 Abigail Salyers
CAS Professor of Microbiology
_The Revenge of the Microbes: Are Antibiotics in Danger?_
The Center for Advanced Study Sixteenth Annual Lecture
7:30pm, ballroom, Alice Campbell Alumni Center

10.5 Mark Siegler
University of Chicago
_Bioethical Challenges in a 21st-Century World_
CAS/MillerComm 2007
4:00pm, ballroom, Alice Campbell Alumni Center

10.12 Peter Groenewegen
Vrije Universiteit, Amsterdam
_Reconstructing and Constructing Communities Through Social Networks_
Age of Networks II
10:30am, 1030 NCSA

10.19 Jonathan Elkind
Independent energy, environment and security consultant
_The Globalization of Energy Resources: Tapping Caspian Oil and Gas_
CAS Initiative on Globalization
4:00pm, third floor, Levis Faculty Center

10.26 Grant Heiken
Independent consultant, author, geologist (retired)
Los Alamos National Laboratory
_Was the Bronze Age Volcanic Eruption of Thira (Santorini) a Megacatastrophe? A Geological/Archeological Detective Story_
CAS Initiative on Mega-Disasters: Science, Policy and Human Behavior
7:30pm, Knight Auditorium, Spurlock Museum

10.27 Madhav Marathe
Virginia Tech
_Computational Considerations in the Study of Real Very Large Complex Networks_
Age of Networks Initiative II
11:00am, 1040 NCSA

10.30 Paul A. David
Stanford University and Oxford Internet Institute, University of Oxford
_The Historical Origins of “Open Science”_
CAS/MillerComm 2007
4:00pm, auditorium, NCSA

11.1 Garry Robins
University of Melbourne
_title to be announced_
Age of Networks Initiative II
1:00pm, room 62, KAM

11.6 Allen F. Roberts
George A. Miller Endowment Visiting Professor, UIUC and University of California at Los Angeles
_Serene Shadows: Aura and Icon in Postcolonial Senegal_
CAS/MillerComm 2007
4:00pm, third floor, Levis Faculty Center

11.14 Luis Macas
President, Confederation of Indigenous Nationalities of Ecuador and Scientific Institute of Indigenous Cultures, Quito
_Indigenous Rights in a Global Arena: Globalization From Below_
CAS/MillerComm 2007
4:00pm, third floor, Levis Faculty Center

11.29 Peter Huntoon
University of Wyoming, retired
_Chairman Mao, the Great Leap Forward and the Deforestation Ecological Disaster in the South China Karst_
CAS Initiative on Mega-Disasters: Science, Policy and Human Behavior
4:00 pm, Knight Auditorium, Spurlock Museum

All public events are free and open to the public. PUBLIC EVENTS HOTLINE 217.333.1118 or www.cas.uiuc.edu

THE CENTER FOR ADVANCED STUDY
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