I trust that you have all enjoyed a productive summer, and that you were able to grab a few moments of rest and relaxation as well. Although I am sure this academic year will be no less busy than ever, I would like to encourage you all to try and make room on your calendars for some of the intellectually stimulating programs the Center has to offer. We start off the semester with a CAS/MillerComm2006 presentation by Duncan Watts, Social Networks and Social Dynamics in a Small World. This talk is also part of a series of public events in our newest initiative, The Age of Networks: Social, Cultural and Technological Connections, an ambitious, interdisciplinary project coordinated by CAS Resident Associates Noshir Contractor (Speech Communication) and Dan Schiller (GSLIS).

CAS initiatives continue to challenge scholars from across campus to bring their unique disciplinary perspectives to a discussion around a common theme. Sustaining a rigorous and meaningful interdisciplinary discussion is difficult, at times frustrating, but at times incredibly rewarding. Three previous initiatives are resulting in substantial, edited volumes: Defining Values in Research and Technology: The University’s Changing Role; Who Gets What? The Interactions of Social Welfare Policy and Health Policy; and The Memory Project: An Interdisciplinary Study of Memory and the Construction of Identity and Culture. A fourth project on human subject protection policy (Spring, 2003) has resulted in Improving Ethical Protection: Counteracting IRB “Mission Creep.” The Illinois White Paper. Steven Breckler, Executive Director for Science, American Psychological Association, will join members of the project’s steering committee to discuss this publication on Thursday, November 17, Auditorium, College of Law.

Our CAS Community continues to grow and flourish. I am delighted to announce that the appointment of seven faculty to the Center was formally approved by the Board of Trustees at its July 14 meeting. I am pleased to welcome as well our 19 newest Associates and Fellows from 18 different departments. A list of their projects is inside. CAS Professor Leon Dash will deliver the Annual Lecture on October 11. He has also generously donated his archives to the University Library. Inside this newsletter, you will find details of the October 27 ceremony commemorating this event.

I am pleased to announce the launching of the Chancellor’s CAS Special Lecture Series. The purpose of these events is to provide a vehicle for faculty with exceptional recent achievements to describe their work in a manner oriented to a non-specialist audience. The inaugural lecture will be delivered by Gene Robinson (Entomology), recently elected to the National Academy of Sciences. This talk will be held on Wednesday, November 9, 7:00pm, Siebel Center Auditorium.

As ever, let me remind you that the Center is happy to cosponsor public events. We offer small grants 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.

Finally, we wish Chip Burkhardt a happy retirement after a long and illustrious career at our university. We invite you all to Naturalist Voyagers: Symposium in Honor of Chip Burkhardt, November 10-11.

Best wishes for this academic year,
**CHANCELLOR’S CAS SPECIAL LECTURE SERIES (INAUGURAL EVENT)**

**Gene Robinson**  
Director, Neuroscience Program  
G. William Arends Chair, Department of Entomology  
Elected to the National Academy of Sciences in May 2005

**Overachievers: What Honey Bees Teach us about Genes, Brains and Social Behavior**

Wednesday, November 9  
7:00pm, Siebel Center Auditorium, 201 N. Goodwin Ave., Urbana

Robinson uses the honey bee to understand the mechanisms governing social behavior.

For more information on Robinson's current research, please consult his webpage at http://www.life.uiuc.edu/robinson/.

**THE CENTER FOR ADVANCED STUDY PROFESSORS’ ANNUAL LECTURE**

The CAS Annual Lecture is a showcase event, featuring the work of some of the campus’s most distinguished scholars. In November 2004 CAS Professor of Electrical and Computer Engineering Karl Hess presented *The Debate between Einstein and Bohr and its Consequences for Quantum Computing.*

The 15th Annual Lecture:  
*Journalism and the Underclass*  
Leon Dash  
CAS Professor of Journalism  
October 11, 2005  
7:30pm  
Tryon Festival Theatre  
Krannert Center for the Performing Arts

**Donation of the Leon Dash Papers**

CAS Professor Leon Dash will be donating his archives to the University Library. These papers—covering the years from 1966 to 2003, and listed as 16 cubic feet—include correspondence, photographs, publications, reports, interview transcriptions, sound recordings, photographic prints and negatives course and workshop materials and reference materials concerning Dash’s career as a general assignment reporter for the Washington Post and as a Peace Corps volunteer (1969-71).

A ceremony marking this occasion will be held in the University Library’s Marshall Gallery on October 27 starting at 6:00pm, followed by a CAS/MillerComm2006 lecture by Nicholas Lemann (Dean, Graduate School of Journalism, Columbia University), *Journalism and Social Justice*, 7:30pm, Room 100, Gregory Hall.

**ASSOCIATES & FELLOWS 2005-2006**

**ASSOCIATES**

- John D'Angelo (Math)  
  *Research and Scholarly Writing in Cauchy-Riemann Geometry*
- Peter Fritzsch (History)  
  *The Nazi Revolution: Nation, Race, Empire*
- Steve Granick (Materials Science & Engineering)  
  *Macromolecular Diffusion at Hard and Soft Surfaces*
- Sherban Lupu (Music)  
  *The Violin Works of George Enescu*
- Nancy Makri (Chemistry)  
  *Simulation Methods for Quantum Many-Body Systems*
- Rajeshwari Pandharipande (Religious Studies; Linguistics)  
  *Transformation and Authenticity of Hinduism: Language of Religion in the U.S. Diaspora*
- Henry Plummer (Architecture)  
  *Masters of Light: Contemporary Experiments*
- Andrea Press (Institute for Communications Research; Speech Communication)  
  *Faith, Politics and Information: Religious and Secular Beliefs in the New Media Environment*
- Nikoalos Sahinidis (Chemical & Biomolecular Engineering)  
  *Novel Algorithms for Crystallographic Computing*
- Mahir Saul (Anthropology)  
  *The Bobo Village from Heterarchy to Modern State Politics*
- Jon Thaler (Physics)  
  *Observational Studies of Cosmological Dark Matter and Dark Energy*

**FELLOWS**

- Isaac Cann (Animal Sciences)  
  *Evolution of Clamp Loaders in DNA Replication*
- Sahraoui Chaieb (Mechanical and Industrial Engineering)  
  *Liposomes Wrinkling by Adiabatic Cooling of Magnetic Nanocrystals*
- Atul Jain (Atmospheric Sciences)  
  *Exploring the Implication for Oceanic Carbon Uptake of the Marine Ecosystem Response*
- Zachary Lesser (English)  
  *The Birth of Tragicomedy: Mixed Form, Mixed Politics in Renaissance Drama*
- Chad Rienstra (Chemistry)  
  *Protein Structure Determination by Solid-State Nuclear Magnetic Resonance (NMR)*
- Glenn Roisman (Psychology)  
  *The Legacy of Early Experience as Reflected in Adult Relationships*
- Valeria Sobol (Slavic Languages & Literatures)  
  *Febris Erotica: A Cultural History of Lovesickness in Russia*
- Huimin Zhao (Chemical & Biomolecular Engineering)  
  *Directed Evolution of Human Class II MHC DR1 Molecules*
CAS PROFESSOR AWARDS

Nick Holonyak, Jr.
CAS Professor of Electrical and Computer Engineering
2005 Lincoln Academy Laureate
2004 Lamelson MIT Prize - National Academy of Sciences
2004 Van Hieppel Award - Materials Research Society

Tony Leggett (Nobel Prize winner for Physics)
CAS Professor of Physics
Order of the British Empire, UK

Richard Powers
CAS Professor of English
W.H. Smith Literary Award, UK
Ambassador Book Award, English-Speaking Union of the United States

Carl Woese
CAS Professor of Microbiology
Member - American Philosophical Society

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. She will be happy to navigate you through our application website.

George A. Miller Programs : CAS/MillerComm & Visiting Professors and Scholars
Spring Semester 2006 and beyond
DEADLINE Tuesday, October 4, 2005
Fall Semester 2006 and beyond
DEADLINE Tuesday, April 4, 2006

Arnold O. Beckman Lecture
Spring Semester 2006 and beyond
DEADLINE Tuesday, October 4, 2005

DEADLINE Tuesday, November 1, 2005

NATURALIST VOYAGERS: SYMPOSIUM IN HONOR OF CHIP BURKHARDT

In May, Chip Burkhardt (History) delivered his final CAS/MillerComm introduction as Chair of the George A. Miller Endowment Committee. Besides his 3-year stewardship of this prestigious public events series, Chip served on the CAS Policy Committee and oversaw the merger of the GAM Endowment and CAS/MillerComm Committees into the George A. Miller Programs Committee. With Harris Lewin (Professor of Animal Sciences and Director, Institute for Genomic Biology), he also coordinated the very successful CAS Interdisciplinary Initiative for 2001-02, The New Biology: Issues and Opportunities.

In honor of Chip’s retirement, as well as in celebration of the recent release of his latest book, Patterns of Behavior: Konrad Lorenz, Niko Tinbergen, and the Founding of Ethology (University of Chicago Press), the Center for Advanced Study has organized a two-day symposium with help from Harry Liebersohn (History) and cosponsorship from the Office of the Provost.

NEW CENTER FOR ADVANCED STUDY PROFESSORS APPOINTED

Tamer Başar (Electrical and Computer Engineering)
Peter Beak (Chemistry)
Bruce Hajek (Electrical and Computer Engineering)
C. Stephen Jaeger (Germanic Languages; Comparative and World Literature)
Susan Kieffer (Geology)
Michael Moore (Law)
Dale van Harlingen (Physics)

The nomination and election of these professors followed a rigorous process, beginning over a year ago with the solicitation of nominations from deans and department heads, the compiling of detailed dossiers and culminating in a meeting of the current CAS Professors who reviewed the files and made their recommendations to the Director. The Center gratefully acknowledges the financial support granted by the Office of the Provost to make these new appointments possible.

The following is a schedule of events, all of which are open to the public. For more information, including updated titles and abstracts as they become available, please consult our website.

Opening Keynote:
Thursday, November 10
7:30pm
Janet Browne, Wellcome Trust Centre, University College London and George A. Miller Visiting Professor
Corresponding Naturalists
CAS/MillerComm2006
Knight Auditorium, Spurlock Museum

Symposium:
Friday, November 11
Naturalist Voyagers
Knight Auditorium, Spurlock Museum

Participants:
Chip Burkhardt
Harry Liebersohn
Daniela Bleichmar
University of Southern California
D. Graham Burnett
Princeton University
Michael Dettelbach
Boston University
Jordan Kellman
University of Pennsylvania
Robert Kohler
University of Pennsylvania
Robert Richards
University of Chicago
Peter Stevens
University of Missouri, Saint Louis

Reception Location:
Spurlock Museum
center : dates

8.29
Duncan Watts
Columbia University
Social Networks and Social Dynamics in a Small World
CAS/MillerComm2006
4:00pm, third floor, Levis Faculty Center

9.8
John Feffer
Independent journalist
The Global Food Court: Fast Food, Slow Food, Imperial Food
CAS Initiative on Globalization
4:00pm, third floor, Levis Faculty Center

9.12
Jason DeParle
New York Times
A Shot at the American Dream
CAS/MillerComm2006
4:00pm, third floor, Levis Faculty Center

9.14
N.R. Narayana Murthy
Infosys Technologies Ltd.
The Indian Software Industry: Managing Change and Growth in the Knowledge Economy
Arnold O. Beckman Lecture in Science and Innovation
4:00pm, Foellinger Auditorium

9.14
Svetlana Alpers
University of California, Berkeley
Painting Out of Conflict: Velázquez, the Dutch, and Painting in the Time of War
CAS/MillerComm2006
5:30pm, Room 62, Krannert Art Museum

9.22
John Brady Kiesling
Independent scholar, formerly U.S. Foreign Service/State Department
The War in Iraq: U.S. Foreign Policy and the Crisis of International Legitimacy
CAS/MillerComm2006
7:30pm, third floor, Levis Faculty Center

9.6
Evan Wolfson
Freedom to Marry Project
Marriage as a Human Rights Battlefield
CAS/MillerComm2006
7:30pm, third floor, Levis Faculty Center

10.7
Christopher Bigsby
University of East Anglia, England
Tennessee Williams: Radical of the Heart
CAS/MillerComm2006
2:00pm, Studio Theatre, KCPA

10.11
Leon Dash
CAS Professor of Journalism
Journalism and the Underclass
CAS 15th Annual Lecture
7:30pm, Tryon Festival Theatre, KCPA

10.17
James Thomson
University of Wisconsin Medical School, Madison
Embryonic Stem Cell Research: A Scientific Overview
CAS/MillerComm2006
7:30pm, Foellinger Auditorium

10.24
Kathleen Carley
Carnegie Mellon University
Surveillance and Public Interest Networks
Age of Networks Initiative
4:00pm, Siebel Center Auditorium

10.25
Kathy Peiss
University of Pennsylvania
Zoot Suit Riots Revisited: Meditations on the Politics of Style
CAS/MillerComm2006
7:30pm, third floor, Levis Faculty Center

10.27
Nicholas Lemann
Columbia University
Journalism and Social Justice
CAS/MillerComm2006
7:30pm, Room 100, Gregory Hall

10.31
David Stark
Columbia University
Transnational and NGO Networks
Age of Networks Initiative
4:00pm, third floor, Levis Faculty Center

11.3
Ted Rall
Journalist and cartoonist
The Slow-Motion Suicide of the American Empire
CAS/MillerComm2006
4:00pm, third floor, Levis Faculty Center

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University College, London
Corresponding Naturalists
CAS/MillerComm2006
7:30pm, Knight Auditorium, Spurlock Museum

11.11
Naturalist Voyagers
Symposium in Honor of Chip Burkhardt
8:30am-5:00pm
Knight Auditorium, Spurlock Museum

11.14
Allen Ezell
Wachovia Corporation and retired Special Agent, FBI
Dark Side of Networks: Diploma Mills
Age of Networks Initiative
4:00pm, third floor, Levis Faculty Center

11.17
Jonathan Shay
Department of Veterans Affairs Outpatient Clinic, Boston
From Troy to Baghdad: Can the U.S. Military Learn from Homer’s Epics?
CAS/MillerComm2006
4:00pm, third floor, Levis Faculty Center

11.17
Symposium.
3:00pm, Auditorium, College of Law

All public events are free and open to the public. PUBLIC EVENTS HOTLINE 217-333-1118 or www.cas.uiuc.edu