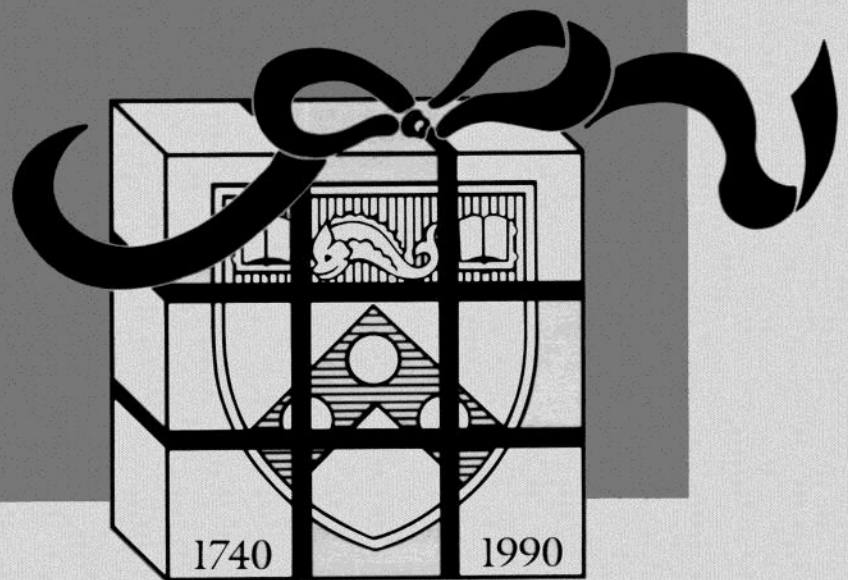


# *Keeping Franklin's Promise: Dialogues Extraordinaires*

Alumni/Faculty Exchanges

Biomedical Exchanges

Student Life Exchanges



*Penn's 250th Celebration • May 16-19, 1990*

Thursday, May 17

10:30 - 12:30

## Alumni/Faculty Exchanges

### The American Hospital: Past, Present, and Future

A discussion of the history of American hospitals will set the stage for an exploration of their current problems and future prospects.

**Charles Rosenberg**, Professor of the History and Sociology of Science

**Jeffrey Brosco**, C'85, G'88, M'91, Gr'91, Doctoral Candidate in Medicine and in History of Science

**William Kelley**, Executive Vice President, Medical Center and Dean, Medical School

**Rosemary Stevens**, Professor and Chair of the History and Sociology of Science

■ *David Rittenhouse Laboratory, Room A-2*

### Court Reform: What Makes for Success?

What conditions make possible the adoption of court reform proposals? What is the half-life of a successful reform and why? With these questions in mind, the panel will explore how we should evaluate current court reform proposals.

**Stephen B. Burbank**, Professor of Law

**A. Leo Levin**, L'42, Meltzer Professor of Law Emeritus and Director Emeritus, Federal Judicial Center

**The Honorable Phyllis Beck**, Judge, Superior Court of Pennsylvania

**Mark Gitenstein**, Executive Director, Foundation for Change, Inc.

**Michael Remington**, Chief Counsel, Subcommittee on Courts, Intellectual Property, and The Administration of Justice, U.S. House of Representatives

■ *Law School, Room 214*

### The Dentist of the Future

In less than 12 years, technological, economic, managerial, and demographic changes have transformed dentistry. How will dentists' roles adapt to these changes? A panel of both clinical and academic experts will address these and other pertinent questions.

**Sheldon Rovin**, Chair, Dental Care Systems

**Phillip Barbell**, C'60, D'63, Director, Dental Self-Insurance Group

**Raymond J. Fonseca**, Dean, Dental School

**Saul Kamen**, D'40, Geriatric Care Expert

**Peter Quinn**, D'74, GD'78, Professor and Chair of Oral and Maxillofacial Surgery

■ *School of Dental Medicine, Room B-60*

### The Future of Climate: Industrial Chemicals in the Atmosphere

Atmospheric scientists have documented the release into the atmosphere of increasing amounts of gaseous and aerosol chemicals. Many of those chemicals carry the threat of significant alteration of atmospheric processes with adverse effects on the global biosphere.

**Robert Giegengack**, Professor of Geology

**Arthur Johnson**, Professor of Landscape Architecture and Regional Planning

**James R. Spiegel**, EE'79, GEE'80, Senior Systems Engineer, Space Systems Operations, Ford Aerospace

■ *Meyerson Hall, Room B-3*

### Human Capital and Economic Development: What are the Interactions?

What is the relationship between human capital and economic development? While some countries, such as Brazil, develop considerably without abundant human resources, other countries, such as Sri Lanka, have not developed despite great human resources. This exchange will explore the effects of human resources on the creation of equity and the pursuit of other goals in developing countries.

**Jere R. Behrman**, Kenen Professor of Economics

**Robert Hornik**, Professor of Communications

**Richard Sabot**, C'66, Professor of Economics, Williams College

■ *David Rittenhouse Laboratory, Room A-1*

### Information in the 21st Century: Will Books Survive?

What are the implications of the information revolution for scholarship at Penn and other universities in the 21st century? Will books disappear to be replaced by a paperless society? The panelists will discuss the future of libraries in a world of omnipresent computers.

**Paul H. Mosher**, Vice Provost and Director of Libraries

**Marvin Brown**, W'56, President, Viking Penguin Inc.

**Hendrik Edelman**, Professor, School of Information, Communication, and Library Studies, Rutgers University

**Edward J. Huth**, M'47, Editor, *Annals of Internal Medicine*

**William P. Reinhardt**, Professor of Chemistry

**Rebecca Sinkler**, CGS'75, Editor, *The New York Times Book Review*

■ *Van Pelt Library, Woody Room*

### Intergenerational Relations in an Aging Society

As the proportion of older Americans increases, relationships between young and old need to be reexamined. This session will explore intergenerational relations, family life, and social welfare policies.

**Robin S. Goldberg-Glen**, Assistant Professor of Social Work

**Helen-Ann Comstock**, Executive Director, Alzheimer's Association of Greater Philadelphia

**Edward J. Keenan**, SW'67, Executive Director, Aging and Adult Services

**Maggie Kuhn**, H'87, Chair and Founder, Gray Panthers

**Nora Jean Levin**, CW'65, G'66, Author of *How to Care for Your Parents: A Handbook for Adult Children*

**Mark Stern**, Associate Professor of Social Work

**Rodney D. Williams, Jr.**, SW'68, Executive Director, Philadelphia Corporation for the Aging

■ *McNeil Building, Room 285*

### Long-Term Care for the Aged: Who Should Pay?

This exchange will explore our current long-term care system in terms of what is available and what is missing. The U.S. system will be compared with that of the United Kingdom, and the panelists will examine the pros and cons of the various funding options currently under consideration.

**Mathy Mezey**, Professor of Nursing and Associate Director, The Ralston-Penn Center



**Stanley Brody**, Professor Emeritus of Physical Medicine and Rehabilitation

**Lois Evans**, Assistant Professor of Nursing

**Risa Lavizzo-Mourey**, WG'86, Assistant Professor of Medicine

**Mary Naylor**, Gnu'73, Gr'82, Associate Dean and Director of Undergraduate Studies, School of Nursing

**Anne R. Somers**, Adjunct Professor, University of Medicine and Dentistry of New Jersey

**John Whitman**, WG'78, President, John Whitman Associates, Inc., Geriatric Health Care Consultant

■ **Nursing Education Building, Auditorium**

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## A New Generation of Educational Leaders

What will constitute educational leadership in the year 2000? The panelists will discuss what kinds of leaders are needed throughout all levels of the educational system to promote educational improvement.

**Marvin Lazerson**, Weiss Professor of Education and Dean, Graduate School of Education

**Morton Botel**, Ed'45, GE'd'47, Gr'53, Carter Professor of Education and Psychology

**Patricia Albjerg Graham**, Dean and Warren Professor of the History of Education, Harvard Graduate School of Education

**Charles Dwyer**, Associate Professor of Education and Chair, Educational Leadership Division, Graduate School of Education

**Paul L. Vance**, GE'd'60, Gr'd'74, Deputy Superintendent of Schools, Montgomery County, Maryland

■ **Stiteler Hall, Room B-6**

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## A Peace Dividend?

The 1990s will be a period of profound challenge for the United States and its government. The extraordinary changes in international relations mean new configurations among nations. The easing of international tensions is likely to result in America's increased focus on problems at home. Panelists will look at vast improvements that are needed in education, housing, employment, and human services if America is to remain a world leader.

**Mary Frances Berry**, Segal Professor of History and Member, Civil Rights Commission

**C. Austin Fitts**, CW'74, WG'78, Assistant Secretary for Housing and Federal Housing Commissioner at HUD

**Andrea Mitchell**, CW'67, Chief Congressional Correspondent, *NBC News*

■ **College Hall, Room 200**

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## Publishing Contemporary Fiction

Drawing upon the audience as well as its own experience, the panel will discuss various aspects of current fiction in the United States: how it is written and by whom; how it is published and marketed; how it is reviewed and rewarded; who reads it and why.

**Robert F. Lucid**, Professor of English

**Joel Conarroe**, President, Guggenheim Foundation and former Dean of the School of Arts and Sciences

**Romulus Linney**, Adjunct Professor of English, Novelist, and Playwright

**Michael Malone**, Lecturer in English and Novelist

■ **Annenberg School for Communications, Room 110**

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## The Reality of Business Ethics

Is business ethics a real subject or is it a modern example of the "King's Clothes" fable? If real, how is business ethics relevant to corporations? The panel will discuss the nature of business ethics and evaluate the approaches taken by major companies in dealing with the subject.

**Thomas W. Dunfee**, Kolodny Professor of Social Responsibility in Business

**Edward H. Bowman**, WG'49, Jones Professor of Corporate Management and Professor of Decision Sciences

**Reginald H. Jones**, W'39, H'80, Trustee and Retired Chairman and CEO, General Electric Company

**Shaun F. O'Malley**, W'59, Chair and Senior Partner, Price Waterhouse

■ **Steinberg Hall/Dietrich Hall, Room 350**

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## Reforming the Soviet Economy

Under Gorbachev's leadership, the Soviet Union is in the process of economic reform aimed at decentralization. This discussion will focus primarily on the problems of maneuvering the Soviet economy through this destabilizing economic transition and on the design of a new socialist market economy under *perestroika*.

**Herbert S. Levine**, Professor of Economics and Co-Director, Lauder Institute

**Marshall I. Goldman**, W'52, Associate Director, Russian Research Center, Harvard University

**John M. Litwack**, Gr'88, Assistant Professor of Economics, Stanford University

**Michael Marrese**, Gr'77, Associate Professor of Economics, Northwestern University

**Tatyana Zaslavskaya**, H'90, Director of the All Union Center for Public Opinion and Research on Soviet and Economic Problems and Deputy, Supreme Soviet

■ **Logan Hall, Room 17**

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## Risks and Returns of Real Estate Investment

Panelists will discuss real estate investment, focusing on both residential investment decisions and non-residential investment opportunities.

**Peter D. Linneman**, Sussman Professor of Real Estate and Professor of Finance and Public Policy and Management

**Sylvan Cohen**, C'35, L'38, Partner, Cohen, Shapiro, Polisher, Sheikman and Cohen;

**S. Howard Goldman**, WG'53, Owner/Developer, The Brodsky Organization

**Joseph E. Gyourko**, Assistant Professor of Finance

**Myles Tanenbaum**, W'52, L'57, Trustee and President, EQK Partners

**Susan M. Wachter**, Associate Professor of Finance

■ **Steinberg Hall/Dietrich Hall, Room 351**

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## Urban Transport: Unlocking the Grid

Unnecessary driving in cities leads to chronic congestion and deterioration of the urban environment. Philadelphia's transportation policies, as a case example, have led to increasing congestion, under-utilization of its transit system, and neglect of pedestrians. In this exchange urban transportation experts discuss the prospects for more viable movement of people in Philadelphia and other large cities.

**Vukan R. Vuchic**, Professor of Transportation Engineering



**W. Bruce Allen**, Professor and Chair of Public Policy and Management  
**Louis Gambaccini**, General Manager, SEPTA

**Denise L. Goren**, Director, Office of Transportation, City of Philadelphia

**Thomas D. Larson**, Administrator, Federal Highway Administration,  
U.S. Department of Transportation

**Samuel I. Schwartz**, GCE'70, First Deputy Commissioner, DOT, New  
York City

■ **Towne Building, Alumni Hall**

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## **Women in the Natural Sciences: Career Problems and Prospects**

Why do so few women pursue careers in the natural sciences?  
What can be done to increase their number? Panelists will discuss

## **Biomedical Exchanges**

### **Advances in Gastrointestinal Cell Biology**

Recent progress in understanding basic mechanisms of cell biology in health and diseases will lead to improved care of patients with gastrointestinal disorders. This exchange will highlight major advances made in gastrointestinal cell biology by Penn Medical School alumni and faculty members.

**Richard P. MacDermott**, Professor of Medicine and Chief,  
Gastrointestinal Section

**Jerry D. Gardner**, M'66, Chief, Digestive Disease Branch, National  
Institutes of Health

■ **Nursing Education Building, Room 110**

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### **Organ Transplantation**

Panelists will review the development and current status of a multi-organ transplant center that carries out kidney, liver, and pancreas transplants. Clinical and basic science aspects of transplantation will be discussed.

**Clyde F. Barker**, GM'59, Professor and Chair of Surgery

**Donald C. Dafoe**, GM'82, Associate Professor of Surgery and Chief,  
Transplant Surgery;

**L. Henry Edmunds, Jr.**, Professor of Surgery and Chief,  
Cardiothoracic Surgery

**Willys K. Silvers**, Professor and Acting Chair of Human Genetics

**Annie Smith**, Critical Care Nurse, Thomas Jefferson University  
Hospital

■ **Wistar Institute, Auditorium**

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### **Pain: Mechanism and Management**

This program will provide a state-of-the-art review of the mechanisms of acute and chronic pain, of the effect of chronic pain on behavior and lifestyle, and of the new treatments available for both acute and chronic pain.

**David Longnecker**, Professor of Anesthesiology and Chair, Anesthesia

**Martin D. Cheattle**, Executive Director, Pain Treatment Unit

problems and opportunities for women in the sciences in universities, government, and industry.

**Fay Ajzenberg-Selove**, Professor of Physics

**Mildred Cohn**, Professor of Biochemistry and Physics

**Helen C. Davies**, Gr'60, Professor of Microbiology

**Madeleine Joullie**, Gr'53, Professor of Chemistry

**Vera C. Rubin**, Professor of Astronomy, Carnegie Institution

**June Taylor**, Gr'69, Professor of Biochemistry and Physics, Fox Chase  
Cancer Center

**Alycia Weinberger**, C'91, Physics Major

■ **Meyerson Hall, Room B-3**

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**Wilhelmina C. Korevaar**, GM'82, Assistant Professor of  
Anesthesiology

**Maryann Ruda**, CW'71, Gr'76, Chief, Neuropsychology Section,  
National Institutes of Health

■ **Nursing Education Building, Room 111**

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### **Taste and Smell**

This seminar will discuss recent advances in the study of taste and smell. Topics will include: olfactory functions in men and women and the effects of smoking, occupational exposure to airborne chemicals and various diseases; age-related taste functions and their role in taste preference; and the nature of flavor and how individual experience, culture, and cuisine determines food aversions and food preferences.

**Eliot Stellar**, University Professor of Physiological Psychology in  
Anatomy

**Gary K. Beauchamp**, Assistant Director, Monell Center

**Richard L. Doty**, Director, Clinical Smell and Taste Research Center

**Paul Rozin**, Professor of Psychology

■ **Clinical Research Building, Auditorium**

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### **Therapeutic Nutrition in Critical Illness**

This discussion will focus on the Hospital of the University of Pennsylvania's development of intravenous hyperalimentation. This advance has had important implications for changes in the treatment of persons whose ability to take food by mouth is either limited or nonexistent.

**Jonathan E. Rhoads**, GrM'40, H'60, Professor of Surgery

**Gordon P. Buzby, Jr.**, C'70, M'74, Assistant Professor of Surgery

**Stanley J. Dudrick**, M'61, Professor of Clinical Surgery and Director of  
Surgery, Pennsylvania Hospital

**James L. Mullen**, M'67, Director, Nutrition Support Services

■ **John Morgan Building, Lecture Room B**



## Student Life Exchanges

### The Greek Experience

Fraternities and sororities have been part of undergraduate life at Penn since 1849, and recently they have experienced a strong surge in popularity. At the same time, the University administration has been forced to consider disciplinary actions against two campus chapters during the past semester. Many students, faculty, and alumni question the role of the Greek system in an Ivy League institution in the 1990s. Panelists will examine the contributions of the Greek system and the problems it presents.

**Jennifer A. Mall**, W'90

**Michael Goldstein**, W'86, WG'92, Graduate and Professional Student Assembly

**Lydia K. Griggsby**, C'90, Former President, Black Inter-Greek Council

**Garrett Reisman**, W'90, E'90, Former President, Inter-Fraternity Council

**Shari L. Senzon**, C'90, Former President, Panhellenic Council

**Melanie Shain**, Chair, Greek Alumni Council

■ *Stiteler Hall, Room B-21*

*Thursday, May 17*

*2:30 - 4:30*

## Alumni/Faculty Exchanges

### Can the Ivy League Compete in the NCAA?

The past, present, and future in Penn athletics will be the focus of this exchange. Panelists will examine the history of the Ivy League, Penn's role in both the Ivies and the National Collegiate Athletic Association (NCAA), and the future of collegiate athletics.

**Jeffrey H. Orleans**, Executive Director, Ivy Group

**Kathy Lawlor-Gilbert**, Head Coach, Men and Women's Swimming Program

**Anthony S. Minisi**, W'48, L'52, Trustee Emeritus and Chair, University Athletic Board of Advisors, Member, Collegiate Football Hall of Fame, Partner, Wolf, Block, Schorr & Solis-Cohen

**Paul Zingg**, Author of *Pride of the Palestra* and Dean, School of Liberal Arts, St. Mary's College

■ *Law School, Room 100*

### Centre for East Asian Development, Kitakyushu, Japan: Its Ties with Penn

In 1989, Kitakyushu, the metropolitan consolidation of five cities in Southwestern Japan, established ICSEAD (The International Centre for the Study of East Asian Development) with the involvement of government agencies and private groups in Japan and the encouragement of scholars at Japanese universities and at centers in a string of countries from Singapore through China, Korea and Japan itself. The first major project of the Centre, a database of economics and social modeling for East Asia, was formulated by Penn Professors Lawrence R. Klein and F. Gerard Adams and is proceeding with the cooperation of the University.

**Lawrence R. Klein**, Benjamin Franklin Professor of Economics and Finance, and Nobel Laureate

**Tatsuhiko Kawashima**, Gr'71, Department of Economics, Gakushuin University

### The Performing Arts

The performing arts have long been a revered tradition at Penn. Although money and practice space always seem to be in short supply, theatre, song and dance troupes are an integral part of campus social activity. This panel will examine the many pressures performing arts groups face at Penn and the many benefits they bring to campus.

**David Stern**, C'90, Former Chair, Performing Arts Council and Quadramics

**Christopher C. Géczy**, C'90, Former General Manager, Penn Glee Club

**Roberta Kastelic**, C'90, Former Chair, Penn Players

**Bruce Montgomery**, Director, Penn Glee Club

**Seth Rozin**, C'86, Artistic Director, InterAct Theatre Company

**Stephanie McNeil**, W'91, Chair, Penn Black Arts League

**Richard Gay**, W'90, Member, Penn Black Arts League

**Brett Sirota**, C'90, Assistant Coordinator, Student Performing Arts

■ *Stiteler Hall, Room B-26*

**Koichi Sueyoshi**, Mayor of Kitakyushu

**Eiichi Isomura**, Professor, Former University President and Managing Director, ICSEAD

**Kenzo Tanaka**, Professor, Former University President and Director, ICSEAD

**Hiroshi Yaskawa**, Chairman, Yaskawa Robotics

■ *David Rittenhouse Laboratory, Room A2*

### Chemistry and Better Health in the 21st Century

All life processes—birth, growth, reproduction, aging, mutation, death—are manifestations of chemical change. Chemistry can now clarify such complex biological processes at the molecular level. This exchange will examine chemistry's important contributions to physiology and medicine.

**Amos B. Smith III**, Professor and Chair of Chemistry

**Roy Vagelos**, C'50, Trustee and Chair and CEO, Merck & Co., Inc.

■ *Chemistry Building, Room B-13*

### Fighting Disease Through Communications in Developing Countries and the United States

Over the past two decades there has been a growing effort to improve the health status of people through large-scale public education programs. Panelists will examine current research and its impact on issues ranging from lowering infant and child mortality rates to modifying behaviors that risk the transmission of the AIDS virus.

**Robert C. Hornik**, Professor of Communications



**Jane Menken**, Professor of Sociology and Demography  
**William Novelli**, C'63, ASC'64, President, Porter, Novelli - OMNICOM  
**Albert Stunkard**, Professor of Psychiatry  
■ **Annenberg School for Communications, Room 100**

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### The Future of War

Laser-guided missiles, "smart bombs," the apparent end of Cold War rivalry, and the humbling of the U.S. and USSR in the Vietnam and Afghanistan conflicts are some of the recent technological and political changes that call into question the utility of massive armed forces as foreign policy tools. Is war fast becoming obsolete? What forms will international conflict take in the coming decades?

**Walter A. McDougall**, Alloy-Ansin Professor of International Relations/History and Director of International Relations

**Richard A. Clarke**, C'72, Assistant Secretary of State for Politico-Military Affairs

**David Eisenhower**, Author

**Carl Kaysen**, C'40, H'76, Trustee and Skinner Professor of Political Economy, MIT

**Alfred J. Rieber**, Professor of History

■ **Logan Hall, Room 17**

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### Government: Friend and Foe?

Certain basic roles for governments are agreed upon—they provide a legal system, roads, education. Certain basic roles for private markets are agreed upon—they provide entrepreneurship, consumer products, innovations. But many roles are not agreed upon, and government is regarded by some as a friend, and by some as a foe. Panelists will examine such issues as whether or not the government should monitor workplace safety and the release of new drugs and private companies run the national parks, pick up trash, and deliver the mail.

**Anita A. Summers**, Professor of Public Policy and Management

**Robert Bowman**, WG'79, Treasurer, State of Michigan

**C. Austin Fitts**, CW'74, WG'78, Assistant Secretary for Housing and Federal Housing Commissioner, HUD

**Dennis A. Yao**, Assistant Professor of Public Policy and Management

■ **Steinberg Hall/Dietrich Hall, Room 350**

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### Imaging the Human Body

Imaging the human body can improve the diagnosis and treatment of diseases and can be used to monitor corrective procedures. In this exchange, scientists will examine four leading imaging techniques: ultrasound, computerized tomography, nuclear magnetic resonance imaging, and positron emission tomography. Discussion will focus on their complementary features and on promising future developments.

**Raymond S. Berkowitz**, EE'43, GEE'48, GrE'51, Professor Emeritus of Electrical Engineering

**Abass Alavi**, GM'70, Professor of Radiology, Neurology, and Psychiatry and Chief, Nuclear Medicine

**Britton Chance**, CH'35, Gr'40, H'85, University Professor Emeritus of Biochemistry and Biophysics

**Gabor T. Herman**, Professor of Radiology

**Peter M. Joseph**, GM'78, Associate Professor of Radiology

**Joel S. Karp**, Research Associate Professor of Radiology

**Haim Levkowitz**, GCS'83, GrCS'88, Assistant Professor of Computer Science, University of Lowell

**Keneth A. Simons**, EE'38, Consultant

**Bernard D. Steinberg**, GrE'71, Professor of Electrical Engineering

■ **Towne Building, Alumni Hall**

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### The Invention of Writing

Panelists will discuss the literature, culture, and languages of the Mesopotamian peoples, the first people to write.

**Erle Leichty**, Professor of Assyriology and Curator, Akkadian Language and Literature

**Ake W. Sjöberg**, Professor of Assyriology and Curator, Babylonian Section, University Museum

■ **University Museum, Rainey Auditorium**

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### Landscape and the American Imagination

Americans have long been creating images of their landscape in engravings, watercolors, paintings, and photographs. Despite artists' claims to be topographical, they have always projected their own and their viewers' preconceptions, hopes, and prescriptions onto the land. This session will consider some of the major representations of the American landscape over the past several centuries, taking into account the economic, political, and social forces that shaped them.

**Elizabeth Johns**, Silfen Term Professor of American Art

**Elizabeth Milroy**, Gr'86, Assistant Professor of Art History and American Studies, Wesleyan University

**Franklin Kelly**, Research Curator of American Art, National Gallery of Art

■ **Meyerson Hall, Room B-3**

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### Lift Every Voice and Sing: Black Poets and the American University

Black culture in America has always been passed on by word of mouth. From the 17th century, Black songs, chants, field hollers, rhyming games (usually of African origin) have formed an important part of daily life and ritual for Black Americans. Black poets have inherited this African and Black legacy of lifting every voice to transmit Black cultural information, pleasure, prayer, and everyday advice. They are innovators and wisdom bringers and many of them have found homes in American universities. Our group of poets reading and discussing their work includes: poets of a rising generation of writers, venerable creators who began work in the 1960s, professors, and graduate students who have achieved high levels of excellence. Come and lift your voice with us!

**Houston Baker**, Greenfield Professor of Human Relations and Director, Center for the Study of Black Literature and Culture

**Elizabeth Alexander**, Doctoral Candidate in English

**David Anderson**, Doctoral Candidate in English

**Herman Beavers**, Assistant Professor of English

**Lamont Steptoe**, Poetry Consultant and Theatre Manager, Painted Bride Theatre

■ **David Rittenhouse Laboratory, Room A-8**

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### New Windows on the Universe: Neutrino Astrophysics

Neutrinos are massless, uncharged particles that can pass through enormous amounts of matter without being absorbed. Neutrino probes are now being used by Penn physics and astronomy research groups to study energy generation in the center of the sun



and to observe the collapse of massive stars into neutron stars and black holes. These groups work in deep underground laboratories in the U.S. (South Dakota), Canada, Japan, and the U.S.S.R. This panel will discuss the future of neutrino studies and the use of such research in investigating the evolution of the universe.

**Eugene W. Beier**, Professor of Physics

**Sidney Bludman**, Professor of Physics

**Kenneth Lande**, Professor of Physics

**Gino Segre**, Professor and Chair of Physics

■ *Meyerson Hall, Room B1*

### **Poor, Powerless, and Pregnant: The New Family in America**

Many American families are experiencing poverty, instability, and a lack of health care. Both the myths and the realities of this situation will be examined by an economist, a lawyer, a nurse, a physician, a social worker, and a hospital administrator.

**Ann O'Sullivan**, Nu'70, GNu'72, Gr'84, Associate Professor of Pediatric Nursing

**June Axinn**, Professor of Social Work

**Priscilla Butts**, GNu'72, Associate Administrator, University of Cincinnati Hospital

**Phillip A. Greiner**, Nu'80, GrN'89, Assistant Professor of Nursing, Villanova University

**Donald R. Schwartz**, Assistant Professor of Pediatrics

**Peter Vaughn**, Associate Professor of Social Work and Psychology

**Rosalyn J. Watts**, GNu'67, Associate Professor of Nursing

**Richard Weishaupt**, Project Head, Health and Human Services, Community Legal Services of Philadelphia

■ *Nursing Education Building, Room 110*

### **Steinberg on Picasso**

One of the nation's most distinguished art historians, Penn's Benjamin Franklin Professor of Art History Leo Steinberg will lecture on one of the greatest artists of modern times. The power and variety of his work won for Picasso a degree of fame in his own lifetime that has been achieved by no other artist. This exchange will examine Picasso's accomplishments as a painter, sculptor, ceramist, and engraver as well as the recent Museum of Modern Art Exhibition of his work and that of Georges Braque, fellow founder of Cubism.

**Leo Steinberg**, Benjamin Franklin Professor of Art History

■ *Meyerson Hall, Room B-3*

### **World Population Prospects: Opportunities and Dangers**

Fertility rates have fallen below the population replacement level in all developed countries, leading to rapid demographic aging and to reductions in the population of school-age children and of labor force entrants. At the same time, poor countries, particularly in Africa, continue to grow rapidly, despite some recent successes in government-sponsored family planning programs. Panelists will review the dimensions of these processes and discuss how societies are responding to them.

**Samuel Preston**, Warren Professor of Sociology and Chair of Graduate Group in Demography, Population Studies Center

**Thomas Merrick**, Gr'67, President, Population Reference Bureau

**Charles Westoff**, Gr'53, Director, Office of Population Research, Princeton University

**Etienne van de Walle**, Professor of Demography and Director of African Demography Program

■ *Stiteler Hall, Room B-21*

## ***Biomedical Exchanges***

### **AIDS**

Panelists will discuss recent information on the epidemiology, molecular biology, and the psychosocial and public health aspects of AIDS.

**Helen C. Davies**, Gr'60, Professor of Microbiology

**James A. Hoxie**, M'76, Assistant Professor of Medicine

**Rob Roy MacGregor**, Professor of Medicine and Chief, Infectious Diseases

**Francisco Gonzalez-Scarano**, GM'81, Associate Professor of Neurology

**Mark Smith**, Associate Director in AIDS Services, Johns Hopkins School of Medicine

**Carol Tracy**, GE'd'80, Gr'85, Director of Commission on Women, City of Philadelphia

■ *Nursing Education Building, Auditorium*

### **Cellular Mechanisms of Aging**

Panelists will examine mechanisms of senescence at the cellular level. They will focus on the cell matrix and its role in cell aging, cell

responsiveness to growth factors, and the increasing expression of endogenous, anti-proliferative factors in senescence.

**Vincent J. Cristofalo**, Professor Emeritus of Animal Biology and Mars Professor of Gerontological Research, Medical College of Pennsylvania

**Albert Millis**, Gr'71, Professor of Biology, State University of New York at Albany

**James Smith**, Professor of Cell Genetics, Division of Molecular Virology and Co-Director, Haffington Center on Aging, Baylor College of Medicine

■ *John Morgan Building, Class of '62 Room*

### **Depression: From Moods to Melancholia**

Sometime in their lives, most people experience depression. For some, however, sadness extends to incapacitating illness, affecting thinking, feeling, work, and family. Panelists will discuss how to distinguish various patterns of human depression and what is known about their genetics, origins, and treatment.

**Peter C. Whybrow**, Professor and Chair of Psychiatry

**Jay Amsterdam**, GME'79, Associate Professor of Psychiatry, HUP



**Aaron T. Beck**, University Professor of Psychiatry  
**Connie Carino**, Associate Professor of Nursing  
**Paul Crits-Christoph**, Assistant Professor of Psychology in Psychiatry  
**R. Arlen Price**, Assistant Professor in Psychology and Psychiatry  
**A. John Rush, Jr.**, GM'75, Director, Mental Health Clinical Research Center, University of Texas Health Science Center  
**William Styron**, Novelist  
**Andrew Winokur**, GM'75, Gr'76, Professor of Psychiatry  
 ■ *John Morgan Building, Room B*

## Diabetes Update

The range of this discussion extends from basic science to bedside medicine. The topics include how glucose stimulates the release of insulin and the mechanisms by which insulin exerts its effects on diabetes. Clinical discussions examine diabetes' effect on the fetus and newborn and the transplantation of pancreatic islets in treatment.

**Leonard Jarett**, Flexner Professor and Chair of Pathology and Laboratory Medicine  
**Lester Baker**, GM'62, Professor of Pediatrics  
**Clyde F. Barker**, GM'59, Barton Professor and Chair of Surgery  
**Franz Matschinsky**, Rush Professor and Chair of Biochemistry and Biophysics  
**Albert I. Winegrad**, C'49, M'52, Ware Professor of Medicine and Director, Cox Institute of Diabetes Research  
 ■ *Wistar Institute, Auditorium*

## Muscle Development: Function and Disorders

Studies of muscle and its disorders have wide impact in biology and medicine. Three brief presentations will highlight recent progress in understanding muscle development, the contraction mechanism, and muscular dystrophy.

**Yale E. Goldman**, Gr'75, M'75, Professor of Physiology and Director, Pennsylvania Muscle Institute and Professor of Physiology  
**Kenneth Fishbeck**, Associate Professor of Neurology  
**Alan M. Kelly**, Gr'67, Professor of Pathology  
**Frank E. Stockdale**, M'63, Gr'63, Professor of Internal Medicine, Stanford University  
 ■ *Nursing Education Building, Room 111*

## New Therapies for Skin Cancer

This exchange will explore new dimensions in cutaneous aging and cancer. Panelists will discuss the effect of light on the skin and its treatment with topical vitamin A; new aspects of the diagnosis and treatment of melanoma and basal and squamous cell carcinoma; the molecular biology of cutaneous "T" cell lymphoma; and the use of extra corporeal photopheresis as an immune modulator.

**Gerald S. Lazarus**, Professor and Chair of Dermatology  
**Wallace H. Clark, Jr.**, Professor of Dermatology  
**Leonard M. Dzubow**, C'71, M'75, Assistant Professor of Dermatology  
**Albert M. Kligman**, Gr'42, M'47, Professor Emeritus of Dermatology  
**Stuart R. Lessin**, GM'86, Assistant Professor of Dermatology  
**Alain H. Rook**, Associate Professor of Dermatology  
 ■ *Clinical Research Building, Auditorium*

## Student Life Exchanges

### The Globalization of Penn: The International Dimension on Campus

The 2,225 foreign students at the University come from 115 countries. This panel will examine the problems Penn's international students face and how their presence has changed the experience of the student body as a whole.

**Jai P. Singh**, W'91, C'91, India, President, International Students' Association  
**Eric Borguet**, France, Doctoral Candidate in Chemistry, International Student Representative to Graduate and Professional Student Assembly  
**Ambrose Davis**, C'66, Gr'68, GRD'82, Director, International Recruiting Development  
**Marc Georges**, C'91, E'91, Trinidad  
**Raul Polakoff**, E'90, Uruguay  
**Joyce Randolph**, Director, International Programs Office  
**Mohamed Saadi Elmandjra**, GE'90, President, Graduate and Professional Student Assembly  
**Otto Zhou**, GE'91, China, President, Chinese Graduate Students' Association  
 ■ *David Rittenhouse Laboratory, Room A-6*

### Women's Experience at Penn

While many alumni will remember when Penn's female undergraduates were enrolled in a separate college for women, today they not only enroll in every School in the University but even residences are co-educational. Panelists will examine the contributions of women to Penn as well as the problems women still face in our educational community.

**Stefanie Fleischer**, C'90, Women's Alliance  
**Lisa Anastos**, W'90, Member, Phi Sigma Sigma Sorority and Students Together Against Acquaintance Rape  
**Liz Dominik**, C'90, Gr'90, Member, Women's Feminist Forum and Penn Students for Choice  
**Pam Inglesby**, ASC'88, Doctoral Candidate in Communications, Member, Graduate and Professional Student Assembly  
**Demie Kurz**, Co-Director, Women's Studies and Adjunct Assistant Professor of Sociology  
**Elena Mortemore**, C'90, Peer Health Educator, Founding Member, Students Together Against Acquaintance Rape  
**Shirley Padmore**, C'91, Member, Black Student League  
**Sheryl Rose**, E'91, Co-Chair, Lesbian, Gay and Bisexual Alliance  
 ■ *Stiteler Hall, Room B-26*



**Friday, May 18**

**10:30 - 12:30**

## **Alumni/Faculty Exchanges**

### **Contemporary Representation of Islamic Culture**

Last year Najib Mahfouz won the Nobel Peace Prize for Literature. One of the closest architectural advisors to Prince Charles is Abdel Wahab el Wikel, twice winner of the Aga Kahn Award for Architecture. This panel will explore their contributions, among others, from the Islamic world to contemporary high and folk cultures.

**Renata Holod**, Associate Professor and Chair of History of Art

■ **Nursing Education Building, Room 112**

### **Discrimination In Our Society and Legal Intervention**

Legal process regarding discrimination will be considered by a panel including federal trial judges, a public interest advocate, litigator, and professors of law and social work.

**The Honorable Norma L. Shapiro**, L'51, Judge, U.S. District Court

**Julius L. Chambers**, Trustee and Director/Counsel, NAACP Legal Defense and Educational Fund

**Lani Guinier**, Associate Professor of Law

**John G. Harkins**, C'53, L'58, Trustee and Partner and Chair, Pepper, Hamilton & Scheetz

**The Honorable Louis H. Pollak**, Judge, U. S. District Court

**Louise P. Shoemaker**, GrS'65, Professor of Social Work and former Dean, School of Social Work

■ **Law School, Room 100**

### **Early Childhood Play**

During the 20th century, children's play has been considered a reflection of serious adult concerns. This exchange examines the alternative notion characterizing play in the 21st century as an autonomous activity.

**Brian Sutton-Smith**, Professor of Education and Folklore

**Greta G. Fein**, Professor of Early Childhood Education, University of Maryland

**Catherine Garvey**, Professor of Psychology, University of Maine

■ **Stiteler Hall, Room B-6**

### **Europe 1992: Opening the Borders**

Europe's emergence as an economic giant in 1992 raises worldwide economic, regional, and geopolitical issues. Panelists will discuss questions related to the relaxation of tariffs and other import restrictions, and their implications for the business climate and world trade.

**Paul Kleindorfer**, Universal Furniture Professor and Professor of Decision Sciences and Economics

**Nells H. Deconinck Smith**, Principal, McKinsey & Company

**Antony A. Hichens**, WG'65, Member, European Advisory Board

■ **Steinberg Hall/Dietrich Hall, Room 350**

### **How Did That Show Ever Get on Television? The Inside Stories of New Television Series**

Former president and chief operating officer of Twentieth Century Fox Film Corporation Leonard Goldberg will give an inside view of Hollywood and the television industry. He co-produced television series such as *The Rookies*, *Hart to Hart*, and *Family*. Under his aegis, Twentieth Century Fox released such films as *Broadcast News* and *War of the Roses*.

**Leonard Goldberg**, W'55, Theatre and Motion Picture Producer

■ **Chemistry Building, Room B-13**

### **In Search of Benjamin Franklin**

Penn's Founder was a virtuoso in almost every field of endeavor available to him. In this exchange, six experts on his life and times will discuss Franklin the Philadelphian, Franklin the intellectual, Franklin the politician, Franklin the diplomat, Franklin the huckster, and Franklin the role model for future generations of Americans.

**Richard S. Dunn**, Nichols Professor of History

**Joyce Appleby**, Professor of History, UCLA

**E. Digby Baltzell**, W'39, H'89, Professor Emeritus of Sociology

**Richard R. Beeman**, Professor and Chair of History

**Barbara B. Oberg**, Editor, *The Papers of Benjamin Franklin*, Yale University

**Michael W. Zuckerman**, C'61, Professor of History

■ **McNeil Building, Room 285**

### **Learned Optimism: Predicting Depression, Achievement, and Physical Health**

People who explain bad events optimistically are generally more healthy and successful and less depressed than are pessimists. Professor Seligman will explore how pessimistic explanatory style can be transformed into a more optimistic one through cognitive therapy.

**Martin E. P. Seligman**, Gr'67, Professor of Psychology

■ **Stiteler Hall, Room B-26**

### **Living Well Into Old Age**

Panelists will discuss the physical, psychological and social strengths of older people, the factors contributing to a vital old age, and the means of enhancing the positive aspects of aging.

**Neville E. Strumpf**, Associate Professor of Nursing and Director, Gerontological Nurse Clinician Program

**Vincent J. Cristofalo**, Professor Emeritus of Animal Biology and Mars Professor of Gerontological Research, Medical College of Pennsylvania

**Mary Ann Forclea**, Assistant Professor of Medicine

**Marion Fox**, Nu'61, Writer

**Robin S. Goldberg-Glen**, Assistant Professor of Social Work

**Geraldine Paier**, Nu'68, GNu'85, Nurse Practitioner

**Fay W. Whitney**, Assistant Professor of Nursing

■ **Nursing Education Building, Auditorium**

### **New Materials for a New Century**

The last decade had seen the discovery of new types of materials with highly unusual properties, particularly in the areas of electronics, energy production, and the communication and aerospace industries. This discussion will explore how progress in material production affects our lifestyles and our international competitiveness.

**Gregory C. Farrington**, Dean-Elect of the School of Engineering and Applied Science and Professor of Materials Science and Engineering



**Dawn A. Bonnell**, Assistant Professor of Materials Science and Engineering

**Marc H. Brodsky**, C'60, GrE'65, Director, Technical Planning, IBM

**John R. Casani**, EE'55, Assistant Laboratory Director for Flight Projects, JPL

**Uma Chowdhry**, Laboratory Director, Electronics, R & D, E. I. du Pont de Nemours & Co.

**Peter K. Davies**, Associate Professor of Materials and Science Engineering

**Alan G. MacDiarmid**, Blanchard Professor of Chemistry

**Charles J. McMahon, Jr.**, MTE'55, Professor and Chair of Materials Science and Engineering

**Larry G. Sneddon**, Professor of Chemistry

■ **Towne Building, Auditorium**

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### **The Opening of the American Mind: Student Involvement in Educational Reform at Penn**

Since its inception in 1965, the Student Committee on Undergraduate Education's progressive approach to educational reform has spurred a series of innovations at Penn, including the establishment of coeducation, the creation of the college house system, and the re-emphasis in academic integrity. The committee's success has led to widespread student involvement in shaping the undergraduate experience. As SCUE reaches its 25th anniversary, faculty, alumni, and current members join to discuss future educational development.

**Michael Aiken**, Provost

**Richard Sabot**, C'66, Professor of Economics, Williams College

**Louis K. Schachter**, W'86

**Pamela S. Seidenman**, C'84, Doctoral Candidate in Organizational Behavior, Stanford Business School

**Katherine Weinstein**, C'90, Student

■ **College Hall, Room 200**

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### **Role of Veterinary Medicine in Gene Therapy**

Topics will include the development and use of transgenic animals and gene therapy in both animals and humans.

**Mark E. Haskins**, V'69, Gr'77, Associate Professor of Pathology and Medical Genetics and Head, Laboratory Pathology

**Albee Messing**, V'78, Gr'82, GM'84, Assistant Professor of Veterinary Medicine, University of Wisconsin

## ***Biomedical Exchanges***

### **Advances in Recognition and Treatment of Heart Attacks and Their Complications**

Panelists will discuss new treatments of acute heart attacks, including the elimination of clots by balloon tip catheters.

**Mark E. Josephson**, GM'75, Professor of Medicine and Chief, Cardiovascular Section

**Eliot Barnathan**, M'81, Assistant Professor of Medicine

**Donald F. Patterson**, Sheppard Professor of Medicine

**John Wolfe**, V'82, Gr'86, Assistant Professor of Pathology and Medical Genetics

■ **Veterinary Hospital (VHUP), Room B-101**

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### **Shakespeare Today: New Approaches, New Understandings**

Despite the changes in literary studies in the past decades, Shakespeare continues to be the focus of scholarly attention. But what is the Shakespearean "text" that we are studying and why and how do we still study and teach it? How do the political, social, theatrical contexts shape the way the text was created and understood? In this seminar, three Shakespeare scholars and two professional actors discuss contemporary trends in Shakespeare studies, stage-centered analysis, performance history, historical and political readings, and the history of Shakespeare as a cultural institution.

**Cary M. Mazer**, Associate Professor of English and Chair of the Theatre Arts Program

**Rebecca W. Bushnell**, Assistant Professor of English

**Margreta de Grazia**, Associate Professor of English

**Lillian Rozin**, C'84, Professional Actress

**James T. Schlatter**, Equity Actor and Lecturer in Theater Arts

■ **Houston Hall, Auditorium**

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### **Women, Work, and the Family: Controversy and Change**

Women's participation in the labor force has increased dramatically in recent decades. This panel will consider first, have working women achieved an equal place alongside men in the workplace? Second, the panel will discuss the impact of women's increased labor force participation on family life and how employers can or should accommodate the needs of families.

**Demie Kurz**, Women's Studies, Department of Sociology

**Robin Leidner**, Assistant Professor of Sociology

**Vicki Smith**, Assistant Professor of Sociology

■ **Chemistry Building, Room 102**

**Howard J. Eisen**, M'81, Assistant Professor of Medicine

**David J. Eskin**, M'67, Clinical Associate Professor of Medicine

**Mark E. Rosenthal**, M'77, Clinical Assistant Professor of Medicine

■ **Nursing Education Building, Room 111**



## Clinical Education and the Doctor of Tomorrow

American medicine and the society it serves have been changing rapidly. Many believe that the clinical education of medical students has not been keeping pace. This session will discuss the optimal outcome of clinical education, the role of the clinical teacher and the changing paths and places for training tomorrow's physicians.

**John M. Eisenberg**, GM'75, Professor of Health Care Systems and Professor of Medicine and Chief, Section of Internal Medicine

**Fredric D. Burg**, Professor of Pediatrics and Vice Dean of Education, School of Medicine

**Jack Ende**, Associate Professor of Medicine

**David E. Rogers**, Professor of Medicine, Cornell Medical Center

■ *John Morgan Building, Room B*

## Medical Imaging and Spectroscopy

This exchange will discuss non-invasive approaches to imaging the body and determining its biochemistry.

**Britton Chance**, CH'35, Gr'40, H'85, University Professor Emeritus of Biochemistry and Biophysics

**Scott Eleff**, C'77, G'77, M'81, Assistant Professor of Anesthesiology and Critical Care Medicine, Johns Hopkins University

**Herbert Y. Kressel**, GM'77, Professor of Radiology and Chief, Magnetic Resonance Imaging

**John S. Leigh**, EE'60, Gr'71, Professor of Biochemistry and Biophysics

**Mitchell Schnall**, C'82, Gr'86, M'86, Chief Resident, Radiology

■ *Wistar Institute, Auditorium*

## Molecular Features of the Development of Immune Systems

This exchange will examine the molecular and cellular aspects of the development and function of the elements of immune systems.

**Mark I. Greene**, Professor of Medical Sciences and Director, Research Immunology

**John J. Cebra**, C'55, Professor and Chair of Biology

**Norman Klinman**, Gr'65, Department of Immunology, Scripps Clinic

## Student Life Exchanges

### The Minority Experience

How prevalent is discrimination at Penn? What sort of role models exist for the minority community? Have minority college houses and minority fraternities led to segregation or cultural enrichment? Panelists will look at the minority community as a catalyst for change and critically examine diversity education.

**John Shu**, C'92, Vice-Chair, United Minorities Council

**Patricia Marin**, C'90, Former Chair, United Minorities Council

**Anita Hseuh**, E'91, President, Panhellenic Council

**Franklin Ferguson, Jr.**, C'90, President, Alpha Phi Alpha Fraternity, Co-Founder and Chair, Campus Organized Lectures on Racial Sensitivity (C.O.L.O.R.S.)

**Jorge Santiago-Aviles**, Associate Professor of Electrical Engineering

■ *David Rittenhouse Laboratory, Room A-6*

**Darcy B. Wilson**, Gr'62, Medical Biological Institute, La Jolla, California

■ *Clinical Research Building, Auditorium*

### Sleep Disordered Respiration

Penn is the home of the Center for Sleep Disorders. This exchange will focus on apneas (cessation of breathing) occurring during sleep. Areas covered will include basic sleep mechanisms, sleep disordered respiration, animal models of disease, new imaging approaches to the upper airway, and sudden infant death syndrome.

**Allen I. Pack**, Associate Professor of Medicine, Cardio-Pulmonary Division

**Joan Hendricks**, V'79, Gr'80, Assistant Professor, Medicine, Clinical Studies

**Eric A. Hoffman**, Assistant Professor, Radiological Science

**Adrian Morrison**, Gr'64, Professor of Veterinary Science and Head, Anatomy Laboratory

**Alan Spitzer**, M'72, Associate Professor, Pediatrics of Thomas Jefferson University Hospital

■ *Medical Education Building, Room 104*

### Trauma Care: Rights and Road Blocks

PENNSTAR has been bringing trauma victims by helicopter to the Hospital of the University of Pennsylvania for life-saving trauma care since 1989. This exchange will explore questions relevant to modern trauma care and why most Americans do not have access to it and cannot afford it.

**C. William Schwab**, Professor of Surgery and Chief, Division of Traumatology and Surgical Critical Care

**Thomas A. Gennarelli**, Professor of Neurosurgery

**Donald R. Kauder**, Assistant Professor of Surgery

**John M. Templeton, Jr.**, Associate Professor of Pediatric Surgery, the Children's Hospital of Philadelphia

■ *Nursing Education Building, Room 110*

### Volunteerism and Community Involvement

Many Penn students volunteer in the West Philadelphia community surrounding the campus. Panelists will examine Penn's national leadership in volunteerism and compare the benefits of volunteerism to Penn and the local community. But do they volunteer to make the world a better place or to justify their existence?

**Marissa Boyers**, Executive Director, University Hospitality Coalition

**Colleen McCauley**, Nu'91, Chair, Penn Volunteer Network.

■ *David Rittenhouse Laboratory, Room A-2*



*Friday, May 18*

*2:30 - 4:30*

## ***Alumni/Faculty Exchanges***

### **Agricultural Animal Health Economics**

Panelists will explore the application of economic principles to food animal production and disease control.

**Gary Smith**, Assistant Professor of Population Biology and Epidemiology

**William Chalupa**, Professor of Nutrition

**David Galligan**, C'76, V'81, WG'85, Assistant Professor of Animal Health Economics

**Jorge Guerrero**, Adjunct Professor of Parasitology

**Robert J. Munson**, V'73, Veterinarian, Lancaster Veterinary Associates

**Marvin A. Norcross, Jr.**, V'59, Gr'66, Deputy, Food Safety and Inspection Service, U.S. Department of Agriculture

■ **Veterinary Hospital (VHUP), Room B-101**

### **The AIDS Epidemic: Health Services, Social and Economic Implications**

An interdisciplinary examination of the social, health services, political, and economic consequences presented by the AIDS epidemic, this exchange will explore challenges facing communities and options for improving access to services.

**Linda H. Alken**, Trustee Professor of Nursing, Professor of Sociology, and Associate Director, Leonard Davis Institute of Health Economics (LDI)

**Michael Buckley**, Clinical Associate Professor of Medicine and Chief of Infectious Disease, Pennsylvania Hospital

**Suzanne R. Langner**, Nu'64, GNu'72, Director of Clinical Nursing Research, Graduate Hospital of Philadelphia

**David E. Rogers**, McDermott Distinguished Professor of Medicine, Cornell University, and Co-Chair, National Commission on Acquired Immune Deficiency Syndrome

**Sankey V. Williams**, WG'77, Associate Professor of Medicine, Senior Fellow, Leonard Davis Institute of Health Economics, and Chair of University Wide AIDS Committee

■ **Nursing Education Building, Auditorium**

### **Baseball in Philadelphia: The Social History of Shibe Park**

Shibe Park, later named Connie Mack Stadium, was the home of Philadelphia's major league baseball teams from 1909 until 1970. This session examines Shibe Park's role in the city's social and urban history and its contribution to the growth of civic feeling in the 20th century. A slide show will accompany the discussion.

**Bruce Kuklick**, C'63, Gr'68, Professor of History

■ **McNeil Building, Room 285**

### **Biomechanics of Injury**

Injury is the single largest cause of death of those aged one to 44 and accounts for approximately \$130 billion annually in economic losses. Biomechanics, a large effort in bioengineering research, seeks to understand injury, from studies on individual cells to the whole body. This exchange reviews biomechanics research aimed at alleviating this national tragedy.

**Lawrence E. Thibault**, Associate Professor of Bioengineering

**Thomas A. Gennarelli**, Professor of Neurosurgery

**Susan S. Margulies**, GEE'83, Gr'87, Senior Research Fellow, Mayo

Clinic and Foundation

**Haresh G. Mirchandani**, Chief Medical Examiner, City of Philadelphia

**Ayub K. Ommaya**, Chief and Clinical Professor of Neurosurgery, George Washington University Medical Center, and President, Foundation for Fundamental and Applied Neuroscience

**Mark L. Rosenberg**, Director, Division of Injury Epidemiology and Control Centers for Disease Control

**David C. Viano**, Principal Research Scientist, GM Research Labs

■ **Towne Building, Auditorium**

### **Caring for the Health of Philadelphians: Then and Now**

This panel will discuss the approaches Philadelphians have taken to the provision and management of patient care during sickness, childbirth, and mental illness.

**Joan E. Lynaugh**, Associate Professor of Nursing and Director, Center for the Study of the History of Nursing

**Karen A. Buhler-Wilkerson**, G'80, Gr'84, Associate Professor of Nursing

**Patricia O'Brien D'Antonio**, Doctoral Candidate in Nursing

**Nancy Tomes**, Acting Director, Francis C. Wood Institute for the History of Medicine, College of Physicians

**Linda Walsh**, Doctoral Candidate in Nursing

■ **Nursing Education Building, Room 110**

### **The Cult Controversy: Brainwashing or Religious Persecution?**

Although new religious movements have always been controversial, during the past two decades a new element has entered the debate: the belief that virtually all conversion to such movements is the result of brainwashing, mind control techniques, or "snapping." On the other side, group members insist that they have joined voluntarily and are the targets of religious persecution.

**Stephen N. Dunning**, Associate Professor and Graduate Chair of Religious Studies

**William H. Deadwyler, III** (Ravinda Svarupa Dasa) C'66, Leader, Hare Krishna

**Arthur A. Dole**, Emeritus Professor of Education

**Alan Charles Kors**, Professor of History

**the Rev. James E. McGuire**, Director, Newman Center

■ **College Hall, Room 200**

### **Child Health: The Challenge for Society**

A panel of three experts will address the public policy issues involved in planning for the health and well-being of children and adolescents.

**David Cornfeld**, M'48, GM'66, Professor and Associate Chair of Pediatrics

**Lucy Hackney**, President and Founder, Pennsylvania Partnerships for Children

**Frank Oski**, M'58, Given Professor and Chair of Pediatrics, Johns Hopkins University



Ralph R. Smith, Associate Professor of Law

■ *Children's Hospital of Philadelphia (CHOP), Stokes Auditorium*

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### International Law Unification

Panelists will discuss U.S. participation in various aspects of the international law unification process, including the 1980 UN Convention on Contracts for the International Sale of Goods, the 1980 Hague Convention on the Civil Aspects of International Child Abduction, and two Hague conventions on international judicial procedure.

John O. Honnold, Schnader Professor of Commercial Law, Emeritus

Charles W. Mooney, Jr., Associate Professor of Law

Peter H. Pfund, L'59, Assistant Legal Advisor for Private International Law, U.S. Department of State, and Vice Chairman, Secretary of State's Advisory Committee on Private International Law

Curtis R. Reitz, L'56, Biddle Professor of Law

Barbara Bennett Woodhouse, Assistant Professor of Law

■ *Law School, Room 213*

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### The Large Econometric Model

For 50 years, econometricians have been developing models for individual nations. As databases, economic theory, and computer facilities have grown, this line of research has expanded enormously. Since 1958, Penn has been a focal point in this area of teaching and research. This panel will discuss the development and progress of econometric models from the earliest stages to use in contemporary problems, such as the Canadian-U.S. trade agreement, global warming, and the achievement of international economic stability.

Lawrence R. Klein, Benjamin Franklin Professor of Economics and Finance, and Nobel Laureate

Ross Preston, C'62, Gr'67, Senior Economist, Economic Council of Canada

George Schink, Gr'71, Chair of AUS Consultants

■ *Logan Hall, Room 17*

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### Minority Participation in Science and Technology

After a decade or more of specific efforts, what is the status of minorities in science? Why have these efforts been ineffective? Where do we go from here to increase participation? Do the demographic trends really make a difference? Are the opportunities and rewards competitive?

Robert J. Rutman, Professor Emeritus, Animal Biology

Gloria Twine Chisum, Gr'60, Trustee

Henry Coshburn, CHE'57

Larry D. Gladney, Assistant Professor of Physics

Gregory L. Long, ME'87

Antonio McDaniel, Assistant Professor of Sociology

Jorge J. Santiago-Aviles, Associate Professor of Electrical Engineering

Laura Williams, CW'65

■ *David Rittenhouse Laboratory, Room A-4*

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### The Origins and Construction of the Egyptian Pyramids

Recent excavations by the University Museum and the Yale University project at Abydos have revealed exciting new information about the origins and evolution of pyramids. This exchange will examine the pre-pyramid period and the evolution of pyramid form and building technology which culminated in the Great Pyramid.

David B. O'Connor, Associate Professor of Oriental Studies and Associate Curator, Egyptian Section, University Museum

■ *University Museum, Rainey Auditorium*

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### Penn's Poets: Pound, Williams, and H.D.

How did American modern poetry get invented by three students from Penn?

Daniel Hoffman, Poet in Residence and Schelling Professor of English

Stuart Y. McDougal, Gr'70, Director, Program in Comparative Literature, University of Michigan

Peter Schmidt, Associate Professor of English Literature, Swarthmore College

Emily Mitchell Wallace, Independent Scholar

■ *Annenberg School for Communication, Room 110*

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### Saul Steinberg on America and Free Enterprise

The strengths and history of American free enterprise will be examined by a leading American entrepreneur who will consider the current challenges the U.S. faces as it enters global markets, as well as the debate over the government's role in regulating the economy.

Saul P. Steinberg, W'59, Trustee, and Chair and CEO, Reliance Group Holdings, Inc.

■ *Annenberg School for Communication, Auditorium*

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### Therapeutic Frontiers in Dental Medicine

Advances in dental research are changing the ways in which dentists treat patients. The ADA Council on Dental Therapeutics is a respected arbiter of new therapeutic materials and devices, but is it also a barrier to innovation? Penn has the only federally-funded clinical research center located at a dental school—how does this affect patients and consumers?

Stephen A. Cooper, D'71, Associate Professor of Oral Surgery/Pharmacology

Vernon J. Brightman, D'68, Professor of Oral Medicine

Daniel Malamud, Professor and Chair of Biochemistry

Mark Mintzer, D'70, Expert on Dental Drugs

Leif Tronstad, GD'81, Chair of Endodontics

■ *School of Dental Medicine, Room B-60*

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### The United Nations: Future Prospects

The United Nations was founded 45 years ago. Its history of aid programs and peace maintenance programs has had both notable successes and embarrassing failures. Harold E. Stassen, former president of the University of Pennsylvania and former governor of Minnesota, is the last living American to have signed the protocol of the United Nations. He is currently engaged in a review of the policies and practices of that institution. Mr. Stassen will look toward



the possibilities for the United Nations in the next century, and the roles that the United States might best play within its framework.

**Harold E. Stassen, H'48**

■ *Law School, Room 100*

### The Western Classics Reconsidered

The national educational debate has recently focused on whether the American mind has closed so far that a national curriculum is now necessary to give all citizens some exposure to the great literary and scientific works of western society. Those who favor a

national curriculum claim that cultural literacy is impossible without an acquaintance with some of the great monuments of western thought of the past three millennia. Panelists will assess the validity of the idea through the examination of four works.

**Paul J. Korshin**, Professor of English

**Rebecca W. Bushnell**, Assistant Professor of English

**John A. McCarthy**, Professor of Germanic Languages

**Elliott R. Sober**, C'69, GEd'70, Reichenbach Professor of Philosophy,  
University of Wisconsin, Madison

■ *Meyerson Hall, Room B-1*

## Biomedical Exchanges

### The Impact of Molecular Genetics on Modern Medicine

This exchange will examine the modern methods of molecular biology that have led to an understanding of inherited disorders and, in some cases, to their eradication from society.

**Michael Zasloff**, Professor of Pediatrics and Chief, Human Genetics and Biology, the Children's Hospital of Philadelphia

**Beverly Emanuel**, CW'62, Gr'72, Professor of Pediatrics, the Children's Hospital of Philadelphia

**Michael Kaback**, M'63, Professor and Chair of Pediatrics, University of California, San Diego

**Robert L. Nussbaum**, Associate Professor of Human Genetics

■ *Clinical Research Building, Auditorium*

**Luigi Mastroianni, Jr.**, Professor of Obstetrics and Gynecology and Director, Division of Human Reproduction

**Jane A. Menken**, Professor of Sociology and Demography

**Steven Sondheimer**, M'74, GM'80, Associate Professor of Obstetrics and Gynecology

■ *Wistar Institute, Auditorium*

### New Directions in the Understanding and Treatment of Obesity

Drawing on current work in obesity genetics, neuroscience, physiology, psychology, this exchange will present some of the latest research findings on the origins of human obesity and discuss their clinical implications.

**Albert J. Stunkard**, Professor of Psychiatry

**Gerard P. Smith**, M'60, Professor of Psychiatry at Bourne Laboratory, Westchester Division, NY Hospital-Cornell Medical Center

**Thomas A. Wadden**, Associate Professor of Psychology

■ *John Morgan Building, Room B*

### Infertility and Reproduction

The impact of population growth on world resources and the devastating effect of infertility will be reviewed by an infertility specialist, a family planner, and a demographer. The panel will consider the ethical and the practical issues surrounding population and reproduction.

## Student Life Exchanges

### Student Activism at Penn

The panel's participants include former and current Penn students who have worked on a broad range of social, economic, and political issues. They are diverse in their ambitions, methods, and accomplishments, which include changing University policies, helping people in the community, educating fellow students, and mobilizing support for national political campaigns. They will discuss how they became student activists, how this affected and contributed to their experience at Penn, and how they have continued—or plan to continue—working as activists after graduation.

**Pam Inglesby**, ASC'88, Doctoral Candidate in Communications

**Stefanie Fleischer**, C'90, Co-founder, Penn Students for Choice

**Wendella Fox**, C'74, Lawyer and Political Candidate

**Wayne Glasker**, C'80, Doctoral Candidate in American Civilization, member, Graduate Student Associations Council, Organizer, Penn Anti-Apartheid Coalition

**Claudia Horwitz**, C'88, Assistant Director, National Student Campaign Against Hunger and Homelessness

**Travis Richardson**, C'90, Former Chair, United Minorities Council

**Seth Berger**, C'89, Former President, Students for Racial Education

■ *Stiteler Hall, Room B-26*

### Living and Learning: Penn's Special Residential Arrangements

Penn has evolved from a commuter school to a fully residential campus, and special residential living arrangements have become an integral part of the learning experience. This panel of students and staff will focus on Penn's uncommon college house system, living and learning programs, community living options, and other unusual residential opportunities. It will also discuss other aspects of and changes in living arrangements, including coed dormitories, dorm programming, and interaction in a diverse environment.

**Gigi Simeone**, Director, Residential Living

**Zoila Airall**, Assistant Director, Residential Living

**Elise LeBel**, M'93, Graduate Fellow, Ware College House

**Marek Gootman**, W'92, Freshman Assistant in Harrison House Project

■ *Stiteler Hall, Room 21*



*Saturday, May 19*

*10:30 - 12:30*

## *Alumni/Faculty Exchanges*

### **After the Fall: The Future of Banks and S&Ls**

The mounting losses from collapsing banks and savings and loan associations raise serious questions about the future of financial services in the United States. Panelists will discuss whether S&Ls and banks will survive in their current form, how the government regulatory scheme can be changed to avoid disasters, and what role American financial institutions will play in the world.

**Elizabeth Warren**, Professor of Law

**Jack M. Guttentag**, Safra Professor of Banking and Professor of Finance

**Jordan Luke**, Chief Counsel, Office of Thrift Supervision

**Edward Mannino**, C'63, L'66, Partner, Baskin, Flaherty, Elliot and Mannino, P.C.

■ *Law School, Room 214*

### **Architecture: Vision and Reality**

Architects often feel forced to make a choice between expressing individual artistic visions and personal spiritual realities or responding to the social, economic, and legal realities of our culture. Is this choice unique to our time? Will it provide opportunities or limitations for architecture in the future?

**David Leatherbarrow**, Assistant Professor of Architecture

**Bruce Graham**, AR'49, Trustee and General Partner, Skidmore, Owings, and Merrill

**Barton Myers**, AR'64, Architect

**Adele Naude Santos**, GAR/GCP'68, Professor of Architecture

**Denise Scott Brown**, GCP'60, GAR'65, Principal, Venturi, Scott Brown, and Associates, Inc.

■ *Meyerson Hall, Room B-3*

### **Companion Animals**

This exchange will examine recent research exploring the significance of companion animals and the living environment to human health. The discussion will also focus on how current knowledge of the health benefits of contact with the living environment can be applied to the solution of modern social and health problems.

**Alan M. Beck**, Director, Center for the Interaction of Animals and Society

**Kathleen Dunn**, Social Worker, Center for the Interaction of Animals and Society

**Sheldon Gerstenfeld**, V'68, Veterinarian, Chestnut Hill Veterinary Hospital

**Lawrence T. Glickman**, V'72, Head, Veterinary Pathobiology, Purdue University

**Aaron H. Katcher**, M'56, GM'63, Associate Professor of Oral Medicine and Psychology

**Karen Overall**, C'78, G'78, V'83, Director, Behavior Clinic

■ *Veterinary Hospital (VHUP), Room B-101*

### **Contemporary Music and Its Audience**

The continued existence of the classical music repertoire is currently in some doubt. Composer George Rochberg will attempt to explain why this is so. His speculations will include an evaluation of present-day cultural trends.

**George Rochberg**, Professor Emeritus of Music and Composer in Residence

■ *Bennett Hall, Penniman Room*

### **Drug Control in a Free Society**

Panelists will consider drug control in the United States by examining the meanings of the concepts "drug dependence" and "drug abuse" and the history, virtues, and vices of the myriad solutions proposed to curtail both supply and demand for drugs. The panel will also address the relationship between drug use and criminal responsibility and the philosophical and practical justifications of decriminalization.

**Stephen J. Morse**, Wakeman Hubbell Professor of Law

**Edward S.G. Dennis, Jr.**, L'73, Assistant Attorney General, Criminal Division, Department of Justice

**Harvey Weiner**, GrS'74, Vice President for Health Affairs, Eagleville Hospital

■ *Law School, Room 100*

### **How to Manage Money**

In this session, a group of highly successful and prominent investors will discuss their own investment strategies. Particular emphasis will be given to steps that the non-professional investor can follow to ensure satisfactory returns.

**Marshall E. Blume**, Butcher Professor of Finance

**Howard P. Berkowitz**, W'62, Partner, HPB Associates

**John B. Neff**, H'84, Trustee and Managing Partner, Wellington Management Company

**Jeremy J. Siegel**, Professor of Finance

**Martin Zweig**, W'64, Editor, *The Zweig Forecast*, and Chair of The Zweig Fund

■ *Steinberg Hall/Dietrich Hall, Room 350*

### **Insights From Compulsive Entrepreneurs**

A discussion among researchers and practitioners will compare theoretical approaches to entrepreneurship with the practical experiences of alumni entrepreneurs.

**Ian C. MacMillan**, Taylor Professor of Entrepreneurial Studies

**Edward Moldt**, Managing Director, Sol C. Snider Entrepreneurial Center

**Keisuke Muratsu**, WG'75, President, Activity International

**Andrew Saul**, W'68, President, Saul Partners

**Terry Van der Tuuk**, WG'68, President, Graphic Technology, Inc.

■ *Steinberg Hall/Dietrich Hall, Room 351*

### **The Intersection of Law and Art**

Federal and state governments are increasingly regulating the arts. Funding organizations such as the NEA have raised profound questions about the extent to which art should be shaped by the political process. This exchange will explore the proper role of the state in determining the content and uses of art.

**Robert A. Gorman**, Gemmill Professor of Law

**David J. Morse**, Director of Federal Relations

**Judith Tannenbaum**, Curator and Assistant Director, Institute of Contemporary Art



**Joseph Turow**, C'72, ASC'73, Gr'76, Associate Professor of Communications

■ *Law School, Room 213*

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### **The Mainstreaming of America— The Role of Television in Society**

Television has become the source of the most broadly shared images and messages in history, rivaling pre-industrial religions in its pervasiveness and dominance over the symbolic environment. A 20-year project researching network television and the beliefs and values it cultivates leads to an analysis of television as the mainstream of American culture and of the consequences of living in this mainstream.

**George Gerbner**, Dean Emeritus of the Annenberg School for Communication and Professor of Communications

**Larry Gross**, Professor of Communications

**Jo Holz**, ASC'76, Gr'81, Manager of News Audience Research, NBC-TV

**Stewart Hoover**, ASC'81, Gr'85, Assistant Professor of Communications, Temple University

**Charles Krause**, C'69, Former CBS Correspondent

**Michael Morgan**, ASC'77, Gr'80, Associate Professor of Communications, University of Massachusetts

■ *Annenberg School for Communication, Auditorium*

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### **The Mind and the Brain**

Most neurologists, psychologists, and psychiatrists are now convinced that the mind and the brain are one. This exchange will examine evidence that supports this notion as well as the role of mind-brain unity in our conception of free will, moral responsibility, and education.

**Edward N. Pugh**, Professor of Psychology and Associate Director, Institute of Neurological Sciences

**Marc A. Dichter**, Professor of Neurology

**Gary Hatfield**, Associate Professor of Philosophy

**Larry A. Palmer**, Gr'72, Professor of Anatomy

■ *Stiteler Hall, Room B-21*

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### **Penn Admissions in the 90s**

Panelists will discuss the challenges facing selective colleges' admissions policies in the wake of rising costs and the changing pool of the college age population in the 1990s.

**Willis J. Stetson, Jr.**, GE'd'71, Dean of Admissions

**Susan E. Catherwood**, Trustee and Chair of Board of Overseers of the University Museum

**Frank E. Claus**, C'74, GE'd'74, Associate Vice-President for Finance

**James A. Nolan**, C'61, G'68, Director, Educational Advisory Services International

**Paul Shaman**, Professor of Statistics

■ *College Hall, Room 200*

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### **Penn at Tikal—Significance to Mayan Archeology**

Tikal has become the central image of national pride and identity for Guatemala, largely as a result of Penn's excavation and restoration of the city from 1956 to 1970. This exchange will explore the Tikal

project teams' efforts to uncover early constructions and to discover new monuments.

**Christopher Jones**, Gr'69, Research Specialist, American Section of the University Museum

**Robert Sharer**, Gr'68, Professor of Anthropology and Curator, American Section of the University Museum

■ *University Museum, Rainey Auditorium*

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### **Perestroika: Its Roots and Ramifications**

The historical antecedents of the changes underway in Soviet society will be examined to uncover their structural underpinnings and implications for international relations. Over the past 30 years, social developments have brought the USSR to the point where national self-scrutiny is encouraged and revolution is tolerated in once client states. This exchange will probe the dimensions of the dynamic process of reassessment and the possibilities it presents for the integration of the Soviet Union into the world community.

**Moshe Lewin**, Professor of History

**Michael Lenker**, Gr'82, Director of Penn Language Center

**Ronald Suny**, Professor of History and Chair of Armenian Studies, University of Michigan

■ *Chemistry Building, Room B-13*

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### **Robots of the Next Generation: How Bright Will They Be?**

Advances in neurosciences and technology will make it feasible to build machines with human characteristics. Representatives of the engineering, computer science, biophysics, and computational neuroscience communities describe the potential behavior of robots in the 21st century.

**Nabil H. Farhat**, GrE'63, Professor of Electrical Engineering

**Jan Van der Spiegel**, Associate Professor of Electrical Engineering and Director, Center for Sensor Technologies

**Ruzena Bajcsy**, Professor and Chair of Computer and Information Science

**Lawrence I. Lieberman**, EE'70, GrCS'74, Program Manager, CIM Integration, IBM

**Paul Mueller**, Research Professor of Biochemistry and Biophysics

**Stanley J. Rosenschein**, GEE'73, GrCS'75, President, Teles

■ *Towne Building, Auditorium*

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### **Spanish Literacy in the United States**

Two pressing national educational problems converge in this exchange: declining levels of literacy and increasing numbers of language minority students, especially Hispanics, in schools. Panelists will discuss bilingualism and ways of using language in bilingual communities.

**Nancy Hornberger**, Assistant Professor of Education

**Vivian Gadsden**, Associate Director, Literacy Research Center, Graduate School of Education

**Carlos G. Vélez-Ibáñez**, Professor of Anthropology and Director, Bureau of Applied Research in Anthropology, University of Arizona

**Ana Celia Zentella**, Gr'81, Associate Professor of Black and Puerto Rican Studies, Hunter College of the City University of New York

■ *Stiteler Hall, Room B-6*

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### Technological Innovations in Dentistry

New imaging and diagnostic techniques will revolutionize the practice of dentistry. This exchange will examine the exciting technology from NMR imaging that can assist in diagnosing TMJ problems to computerized programs for producing crowns and other restorative materials.

**Robert Vanarsdall, Jr.**, GD'72, Chair and Associate Professor of Orthodontics and Periodontics

**Morton Amsterdam**, C'43, D'45, Professor of Periodontics

**Harold Baumgarten**, D'77, GD'82, Clinical Assistant Professor of General Restorative Dentistry

**Robert Beideman**, D'65, Associate Professor of Radiology and Oral Medicine and Director of Radiology

■ *School of Dental Medicine, Room B-60*

### Women's Theatres of Power

Women's names in lights have long blazed on Broadway and illuminated London's West End. Ellen Terry, Lynn Fontanne, Ethel Merman, Tallulah Bankhead, and Edith Evans proved that many of the brightest stars are women. Panelists will explore the theatrical power women claim as actresses, playwrights, and directors. They will also address the power and constraints of stardom and examine the stage as a magical creative space where women can experiment with gender, sex, and power.

**Carroll Smith-Rosenberg**, Professor of History

**Nina Auerbach**, Professor of English

**Elin Diamond**, Associate Professor of English, Rutgers University, New Brunswick

**Glenda Dickerson**, Chair, Theatre Arts and Television Program, Rutgers University, Newark

**Lynda Hart**, Assistant Professor of English

**Phyllis Rackin**, Associate Professor of English, General Honors

■ *David Rittenhouse Library, Room A-8*

## Student Life Exchanges

### Changing Times/Changing Lives: Experiences of Lesbian, Gay, and Bisexual Students at Penn

Life for lesbian, gay, and bisexual students has changed dramatically over the past 50 years. Graduates representing each decade from the 40s to the present will give their views concerning life at Penn.

**Robert Schoenberg**, GrS'89, Director, Program for Lesbian, Gay and Bisexual Students, Office of Student Life

■ *Stiteler Hall, Room B-26*

### Student Research — Graduate and Undergraduate

Tremendous opportunities exist for the student to conduct groundbreaking research at Penn. Current student research projects, both undergraduate and graduate, will be presented.

**Mohamed Saadi-Elmandjra**

**Abraham Noordergraaf**, Professor of Biomedical Engineering, Veterinary Medicine, and Anesthesia

**Eli Pringle**, C'84, Doctoral Candidate in Bioengineering

**Melissa Bush**, C'90, Nassau Award Winner, 1988-89

**Jacob Cogan**, C'91, Nassau Award Winner, 1989-90

**Joseph Yanez**, E'90, Nassau Award Winner, 1988-89 and 1989-90

■ *David Rittenhouse Laboratory, Room A-6*

*Saturday, May 19*

*2:00 - 4:00*

## Alumni/Faculty Exchanges

### Cultural Literacy in an Age of Diversity

What does it mean to be a fully literate citizen in a society characterized by visible ethnic and cultural diversity and dominated by a mass media culture? How should we understand the challenge presented by new media to the privileged position of language, literature, and theatre as the embodiments of the values of Western civilization? Panelists will explore these questions and discuss whether or not the skills and competencies traditionally taught and valued by cultural elites will be supplemented or supplanted by competencies associated with newer media and popular culture.

**Carolyn Marvin**, Associate Professor of Communications

**Richard Chalfen**, C'64, ASC'67, Gr'74, Professor of Anthropology, Temple University

**George Custen**, ASC'76, Gr'80, Professor of Communications, College of Staten Island

■ *Annenberg School for Communication, Auditorium*



## A Future for Infants at Risk

In 1986 the U.S. infant mortality rate was the world's 18th highest. This exchange will provide a physical, behavioral, and developmental portrait of infants at risk and the environment needed to enhance their development.

**Barbara Medoff-Cooper**, Associate Professor of Nursing

**Lauren Arnold**, GNu'79, Nursing Consultant, NCPIM

**Dorothy Brooten**, Nu'66, GNu'70, Gr'80, Professor of Nursing

**Maria Delivoria-Papadopoulos**, Professor of Pediatrics

**Laura Hayman**, Nu'70, GNu'75, Gr'82, Associate Professor of Nursing

**Sr. Teresita Hinnegan**, Lecturer in Nursing

**Leslie Mancuso**, GNu'82, Assistant Director of Nursing, Project Hope

■ *Nursing Education Building, Room 110*

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## Family Business: The Future Has Never Been Brighter

Children are returning to family-owned businesses as greater emphasis is being placed on continuity than on quick profits. This panel will address these and other factors of today's economic climate that are contributing to the growing success of family businesses.

**Edward M. Moldt**, Managing Director, Sol C. Snider Entrepreneurial Center

**Peter Davis**, Gr'72, Adjunct Associate Professor of Management and Director, Family Business Studies

**Lizanne Galbreath**, WG'84, Managing Director, Galbreath Company and Member, Wharton Real Estate Advisory Board

**Ian MacMillan**, George Taylor Professor of Entrepreneurial Studies

■ *Steinberg Hall/Dietrich Hall, Room 351*

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## Global Marketing Challenges

Panelists will share their vision of the critical role global marketing will play in the 21st century, along with guidelines for meeting the challenges it poses.

**Jerry Wind**, Lauder Professor of Marketing and Management

**Leonard A. Lauder**, W'54, Trustee and President and CEO, Estee Lauder Companies

■ *Vance Hall, Room B-11*

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## Health Care Shortages and Solutions

Recent changes within the health care industry have led to new approaches to care delivery and financing. As a result, many resources have become scarce. This presentation will focus on three resources essential to any successful enterprise—effective leadership, competent personnel, and sufficient financing.

**Joanne Disch**, Associate Professor of Medical Nursing and Clinical Director, Medical Nursing, HUP

**Sheila Burke**, Chief of Staff, Office of the Republican Leader, U.S. Senate

**Charlotte Cady**, GNu'74, Vice President of Nursing, Children's Hospital of Philadelphia

**Claire M. Fagin**, Margaret Bond Simon Dean, School of Nursing

**Joan Lartin**, GNu'80, Gr'85, Nursing Research Project Director, Hershey Medical Center

■ *Nursing Education Building, Room 111*

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## Professional and Business Ethics: Evaluating and Resolving Conflict Between Professional Duty and the Public Good

This exchange will include a videotaped case study involving the ethical, corporate, and public responsibilities surrounding FDA approval of a revolutionary, but potentially harmful, drug for diabetics. Issues involving the legal, medical, and business communities will be examined.

**The Honorable Edmund B. Spaeth, Jr.**, Law School Senior Fellow and Director, Center on Professionalism

**Jacob M. Abel**, GCE'63, Gr'66, Professor of Mechanical Engineering and Applied Mechanics

**Thomas W. Dunfee**, Kolodny Professor of Social Responsibility and Professor and Chair of Legal Studies

**Douglas N. Frenkel**, W'68, L'72, Law School Practice Professor and Director, Clinical Programs

**Richard G. Lonsdorf**, M'46, Professor of Psychiatry and Law

■ *Law School, Room 100*

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## Restructuring Schools: Transformed Images, Assumptions, and Opportunities

The School District of Philadelphia is in the midst of the national movement to reform urban schools. In this exchange public educators from around the country will reflect on schooling structure and policy, teacher authority, classroom practices, and school relations with low-income communities.

**Michelle M. Fine**, Goldie Anna Charitable Trust Associate Professor of Education

**Constance E. Clayton**, GSE'81, former Trustee and Superintendent of Schools, School District of Philadelphia

**Haven Henderson**, Director, Senior Institute, Central Park East Secondary School

**Marsha Pincus**, English Teacher, Gratz High School

**Diane Scott**, GSE'85, Principal, Overbrook High School

**Pat Tornillo**, Executive Vice President, United Teachers of Dade, Florida

■ *College Hall, Room 17*

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## Shape, Number, and the Natural World

The 20th century has seen more advances in mathematics than ever before. The advances have deepened our understanding of the natural world as well as the discipline of mathematics itself. A non-technical overview of some of the main trends of the past 25 years will be presented.

**Stephen S. Shatz**, Professor of Mathematics

■ *College Hall, Room 200*

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## What Happened to Penn's Botany Pond on the Way to the 20th Century: The Evolution of the Scientific and Cultural Traditions of the University Garden

An illustrated program tracing the development of the gardens of academic institutions from their beginnings in 16th-century Italian universities to today's institutions, this exchange will explore the plants sciences, the art of the landscape garden, and the interpretation of the garden from a humanistic perspective.

**William M. Klein**, Director, Morris Arboretum

■ *Bennett Hall, Penniman Room*

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## The World Environment

This panel will review the state of the world environment. It will include a discussion of a proposed "global environmental inventory," which involves consolidating and analyzing data on climate, geology, hydrology, wildlife, atmospheric conditions and other environmental factors.

**Ian L. McHarg**, Professor of Landscape Architecture and Regional Planning

**Arthur Johnson**, Professor of Landscape Architecture and Regional Planning

**Leslie Sauer**, CW'69, Adjunct Associate Professor of Landscape Architecture and Regional Planning

**Ruth Patrick**, H'84, Adjunct Professor of Biology

■ **Meyerson Hall, Room B-3**

## Biomedical Exchanges

### Alzheimer's, Parkinson's, and Aging

An overview of the clinical aspects of Alzheimer's Disease, Parkinson's Disease, and aging, with emphasis on memory loss and the anatomic substrate of these conditions, as well as reviewing current research trends involving their biochemical and genetic parameters.

**Nicholas D. Gonatas**, Professor, Pathology and Laboratory Medicine and Director, Neuropathology

**Abass Alavi**, GM'70, Professor of Radiology

**Gary L. Gottlieb**, Assistant Professor of Psychiatry

**Howard I. Hurtig**, GM'73, Professor of Neurology

**David Kuhl**, M'55, GM'59, Professor of Internal Medicine and Radiology and Chief, Nuclear Medicine, University of Michigan

**John Trojanowski**, Associate Professor of Pathology and Laboratory Medicine

■ **Clinical Research Building, Auditorium**

### Osteoporosis: Soft Bones and Hard Facts

Panelists will discuss bone organization, differential diagnosis of osteopenia, the epidemiology of osteoporosis, and strategies for the prevention and treatment of osteoporosis.

**John G. Haddad, Jr.**, Professor of Medicine and Chief, Endocrinology

**Maurice F. Attie**, GM'77, Assistant Professor of Medicine

**Jeanne Ann Grisso**, Assistant Professor of Medicine

**Frederick S. Kaplan**, GM'81, Associate Professor of Orthopedic Surgery

■ **John Morgan Building, Room B**

### Substance Abuse Among Health Care Providers

Substance abuse is a national problem that permeates all occupations, including the health care professionals. This exchange will discuss current drug/alcohol problems, particularly cocaine dependence, among health care providers and will describe new treatments and prevention approaches.

**Charles P. O'Brien**, GM'69, Professor of Psychiatry and Chief, Veterans Administration Medical Center

**Susan Krupnick**, GNu'81, Psychiatric Liaison/Consultation Nurse

**Robert Post**, M'68, Chief, Biological Psychiatry Branch, National Institute of Mental Health

**George E. Woody**, Clinical Professor of Psychiatry

■ **Wistar Institute, Auditorium**

### Teen Pregnancy—Current Perspectives

Low birth rates, sexually transmitted diseases, and drug abuse are major medical problems associated with teen pregnancy. This exchange will examine sex education and family involvement as challenges for the community.

**Ellen W. Freeman**, Research Associate Professor of Obstetrics and Gynecology

**Arnold Cohen**, GM'73, Associate Professor of Obstetrics and Gynecology

**Ann O'Sullivan**, Nu'70, GNu'72, Gr'84, Associate Professor of Nursing

**Margaret Polaneczky**, Assistant Professor of Obstetrics and Gynecology

**Sheila Sorkin**, SW'76, Social Worker

■ **John Morgan Building, Class of '62 Room**

For general questions concerning Penn's 250th Anniversary Celebration, call (215) 898-1313.

Penn's 250th Office  
The Faculty Club, University of Pennsylvania  
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Philadelphia, Pennsylvania 19104-6221



