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.
- 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 Glegengack, 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, CGS75, 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
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

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, Stanford 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

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'63, 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

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
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 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

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 R. 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

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

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. Chestle, Executive Director, Pain Treatment Unit

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. Rhoades, Gr'M40, 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

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. Geczy, 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
Richard Gay, W'90, Member, Penn Black Arts League
Brett Sirotta, C'90, Assistant Coordinator, Student Performing Arts

- Stiteler Hall, Room B-26

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 A. 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

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
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?

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.

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.

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

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, GEd'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 Mills, 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, Haffenreffer Center on Aging, Baylor College of Medicine

John Morgan Building, Class of '62 Room

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, ceramicist, 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

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'90, 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

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'63, Director, Office of Population Research, Princeton University
Etienne van de Walle, Professor of Demography and Director of African Demography Program

Stieeler Hall, Room B-21

Biomedical Exchanges

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

John Morgan Building, Class of '62 Room
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, Professor of Psychiatry

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

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

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’68, Assistant Professor of Dermatology
Alain H. Rook, Associate Professor of Dermatology

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

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 Anastas, 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
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 Wikal, twice winner of the Aga Khan 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’S1, 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’S3, L’S8, Trustee and Partner and Chair, Pepper, Hamilton & Scheetz  
The Honorable Louis H. Pollak, Judge, U. S. District Court  
Louise P. Shoemaker, Gr’S65, 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’S5, 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 Rocker, 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’S5, 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’S9, H’S9, 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’S1, 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’S7, 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 Forciea, Assistant Professor of Medicine  
Marion Fox, Nu’S1, Writer  
Robin S. Goldberg-Glen, Assistant Professor of Social Work  
Geraldine Paier, Nu’S8, GNu’S5, 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
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. Seldenman, C'84, Doctoral Candidate in Organizational Behavior, Stanford Business School
Katherine Weinstein, C'90, Student

College Hall, Room 200

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'68, 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

Chemistry Building, Room 102

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
Eilot Barnathan, M'81, Assistant Professor of Medicine

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 V. 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

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
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. Buhtler-Wilkerson, G’60, 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, Ill (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 Comfeld, 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
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

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

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 Cosshburn, 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

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

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

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

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'61, Chair of Endodontics

School of Dental Medicine, Room B-60

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, Gr72, 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

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.

Luigi Mastrolanni, 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'eO, 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

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 Fierscher, 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'69, 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
Zolia Airall, Assistant Director, Residential Living
Elise LeBel, M'93, Graduate Fellow, Ware College House
Marek Gottman, 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.

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.

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

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

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 Welner, GrS'74, Vice President for Health Affairs, Eagleville Hospital

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

Insights From Compulsive Entrepreneurs
A discussion among researchers and practitioners will compare theoretical approaches to entrepreneurism with the practical experiences of alumni entrepreneurs.
Ian C. MacMillan, Taylor Professor of Entrepreneurial Studies
Edward Moldt, Managing Director, Sol C. Snider Entrepreneurial Center
Kelsuke Muratsu, WG'75, President, Activity International
Andrew Saul, W'68, President, Saul Partners
Terry Van der Tuuk, WG'68, President, Graphic Technology, Inc.

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
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'76, 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

University Museum, Rainey Auditorium

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

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, Teleos

Towne Building, Auditorium

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 Hombberger, 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

Stitelter Hall, Room B-6
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 Beldeman, 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, Tallullah 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 challenges 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 Challen, 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 Broten, 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

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. Molit, Managing Director, Sol C. Snider Entrepreneurial Center
Peter Davis, Gr'72, Adjunct Associate Professor of Management and Director, Family Business Studies
Lizanne Gaibreath, 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

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

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

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. Speeth, Jr., Law School Senior Fellow and Director, Center on Professionalism
Jacob M. Abell, 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

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, Gratzi High School
Diane Scott, GSE'85, Principal, Overbrook High School
Pat Tomlin, Executive Vice President, United Teachers of Dade, Florida
- College Hall, Room 17

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

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
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

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 Grasso, 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’89, 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.

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