

# Welcome from the Director



Charles A. DiSogra, Dr.P.H., M.P.H.  
TRDRP Director

**I**t is with great pleasure that I welcome you to TRDRP Conference-2005. This year inaugurates the 15th cycle of grants being funded by the Tobacco-Related Disease Research Program. The world knows California for its successful tobacco control efforts in de-normalizing tobacco use and dramatically reducing the statewide prevalence of smoking from 23% to 15%. Sharing in the California success story is TRDRP's growing cadre of trained and funded scientists, who have made significant discoveries in tobacco-related disease research through their dedicated work over the past decade and a half. The scientists participating in this conference are presenting the most recent examples of the exciting work being accomplished with funds from the tobacco-products surtax created by Proposition 99.

We have put together what we hope to be a stimulating program, with approximately 100 poster presentations and more than 60 scientific oral presentations. The opening and plenary speakers promise to be both informative and cutting edge. The luncheon programs are intended to inspire us all to continue to pursue work in this very worthwhile field of tobacco-related disease research. Plus, join us at the special dinner program on Monday evening in honor of our fifteen years of progress in the fight against tobacco.

At the closing session, TRDRP will launch its new electronic application submission process. An on-line demonstration is planned by the designers, who will be there to answer your questions and receive your comments.

I also want to offer an enthusiastic welcome to the dedicated community tobacco-control professionals who are attending this conference. For the first time we have organized a Tobacco Research Translation Institute (TRTI) for your benefit. The TRTI is occurring in parallel with the scientific sessions. We hope this will be a valuable and useful opportunity. Putting the latest research findings into action in the community and at the policy level is an important objective for TRDRP. Together we are all working to achieve a smoke-free and healthier California.

# Schedule of Events

## MONDAY, OCTOBER 10, 2005

- 7:30 – 6:00pm**      **REGISTRATION**  
- Emerald Bay / Level 3
- 7:30 – 9:00am**      **CONTINENTAL BREAKFAST**  
- Catalina Foyer / Level 3
- 9:00 – 10:15am**      **OPENING SESSION**  
- Catalina Ballroom / Level 3
- 10:15 – 6:30pm**      **EXHIBITS OPEN**  
- Catalina Foyer / Level 3
- 10:15 – 10:30am**      **BREAK**  
- Catalina Foyer / Level 3
- 10:30 – 12:00pm**      **SCIENTIFIC SESSIONS / Lobby Level**  
A. Lung Cancer I - San Gabriel C  
B. Tobacco Industry Documents Research - San Pedro  
C. Cessation: From NRT to the Internet - San Gabriel B  
D. Cardiovascular Disease - San Gabriel A  
**TRTI #1** Reproductive Health Effects - San Bernardino
- 12:00 – 1:30pm**      **LUNCH**  
**Cornelius Hopper Diversity Award presentations**  
- Catalina Ballroom / Level 3
- 1:30 – 3:00pm**      **POSTER VIEWING (M1-49)**  
Pls will be at their posters from 1:30 – 2:45pm  
- Hollywood Ballroom / Level 3
- 3:00 – 3:15pm**      **BREAK**  
- Catalina Foyer / Level 3
- 3:15 – 4:45pm**      **SCIENTIFIC SESSIONS / Lobby Level**  
E. Lung Cancer II - San Gabriel C  
F. California's Diverse Population - San Gabriel A  
G. Menthol Cigarette Research - San Pedro  
H. Reproductive Health Effects - San Gabriel B  
**TRTI #2** Secondhand Smoke - San Bernardino
- 6:00 – 9:00pm**      **Reception / Dinner**  
- Catalina Ballroom / Level 3

# Schedule of Events

**TUESDAY, OCTOBER 11, 2005**

- 7:30 – 2:30pm**      **REGISTRATION**  
- Emerald Bay / Level 3
- 7:30 – 9:00am**      **CONTINENTAL BREAKFAST**  
- Catalina Foyer / Level 3
- 8:00 – 3:45pm**      **EXHIBITORS OPEN**  
- Catalina Foyer / Level 3
- 9:00 – 10:45am**      **PLENARY SESSION**  
- Catalina Ballroom / Level 3
- 10:45 – 11:00am**      **BREAK**  
- Catalina Foyer / Level 3
- 11:00 – 12:30pm**      **POSTER VIEWING (T50-98)**  
*Pls will be at their posters from 11:00am – 12:15pm*  
- Hollywood Ballroom / Level 3
- 12:30 – 2:00pm**      **LUNCH**  
**Tobacco Survivors Panel**  
- Catalina Ballroom / Level 3
- 2:00 – 3:30pm**      **SCIENTIFIC SESSIONS / Lobby Level**  
*I. Pulmonary Disorders - San Gabriel A*  
*J. Policy and Economic Research - San Gabriel B*  
*K. Nicotine and Neurodegenerative Diseases - San Pedro*  
*L. Secondhand Smoke - San Gabriel C*  
**TRTI #3** Choose Scientific Session I-L
- 3:30 – 3:45pm**      **BREAK**  
- Catalina Foyer / Level 3
- 3:45 – 4:45pm**      **CLOSING SESSION**  
**Online application submission demonstration**  
- Catalina Ballroom / Level 3
- TRTI Summary Session**  
- San Bernardino / Lobby Level

# Opening Session

October 10, 2005  
9:00 AM – 10:15 AM  
Catalina Ballroom – Level 3

## WELCOME

Charles DiSogra, Dr.P.H., M.P.H.  
Director, Tobacco-Related Disease Research Program

## SPEAKERS

**Honorable Wilma Chan**  
Assemblywoman, California State Assembly

**Marco Firebaugh, J.D.**  
President, MAF Strategic Consulting, Inc.

**Lourdes Baezconde-Garbanati, Ph.D.**  
Tobacco Education and Research Oversight Committee

**Theresa Boschert, J.D.**  
Tobacco Education and Research Oversight Committee

## KEYNOTE SPEAKER

**Tobacco industry research: The good, the bad, and the bias**  
**Lisa Bero, Ph.D.**  
University of California, San Francisco

# Reception & Dinner

October 10, 2005  
6:00 PM– 9:00 PM  
Catalina Ballroom – Level 3

## INTRODUCTION

*Charles DiSogra, Dr.P.H., M.P.H.*  
*Director, Tobacco-Related Disease Research Program*

## MASTER OF CEREMONY

***Patricia Etem, M.P.H.***  
*Chief Executive Officer*  
*Civic Communications*

## SPEAKERS

***Alex Padilla***  
*President*  
*Los Angeles City Council*

***Charles L. Gruder, Ph.D.***  
*Executive Director - Special Research Programs*  
*University of California - Office of the President*

***Carol McGruder***  
*Independent Health Consultant*  
*Polaris Research and Development*

***Circle of Friends***  
*American Legacy Foundation*

# Plenary Session

October 11, 2005  
9:00 AM – 10:45 AM  
Catalina Ballroom – Level 3

## OPENING STATEMENT

Charles DiSogra, Dr.P.H., M.P.H.  
Director, Tobacco-Related Disease Research Program

## MODERATOR/DISCUSSANT

Steven Schroeder, M.D.  
University of California, San Francisco

## SPEAKERS

### **Insulin Resistance: What is it? Who gets it? Why should we care?**

Gerald Reaven, M.D.  
Stanford University

### **COPD: Why it gets no respect (but deserves it)**

Stephen Rennard, M.D.  
University of Nebraska Medical Center

### **A modern plague but a pandemic for the ages**

Richard Hurt, M.D.  
Mayo Clinic

### **Neuroimaging: This is your brain on nicotine**

Maryann Martone, Ph.D.  
University of California, San Diego

# Scientific Session A

## LUNG CANCER I

October 10, 2005  
10:30 AM – 12:00 PM  
San Gabriel C - Lobby level

### MODERATOR

M.F. Bowen, Ph.D.  
Tobacco-Related Disease Research Program

#### **Molecular changes in lung cancers arising in smokers and never smokers**

Adi Gazdar, M.D.  
University of Texas

#### **Genetic susceptibility and lung cancer among non-smokers**

Jian-Yu Rao, M.D.  
University of California, Los Angeles

#### **Characterization of the candidate 3p21.3 tumor suppressor RASSF1**

Gerd Pfeifer, Ph.D.  
Beckman Research Institute of the City of Hope

#### **Investigations on genetic susceptibility to polycyclic aromatic hydrocarbon carcinogens in tobacco smoke**

Oliver Hankinson, Ph.D.  
University of California, Los Angeles

# Scientific Session B

## TOBACCO INDUSTRY DOCUMENTS RESEARCH

October 10, 2005  
10:30 AM – 12:00 PM  
San Pedro - Lobby level

### MODERATOR

Valerie Yerger, N.D., M.A.  
University of California, San Francisco

### DISCUSSANT

Stanton Glantz, Ph.D.  
University of California, San Francisco

#### **Effects of aging on the toxicity of sidestream cigarette smoke: meta-analysis of tobacco industry research**

Suzaynn F. Schick, Ph.D.  
University of California, San Francisco

#### **Making big tobacco give in: You lose, they win**

Ruth Malone, Ph.D., R.N.  
University of California, San Francisco

#### **Tobacco industry clinical trials: Compliance with human subjects protection standards**

Jenny White, M.Sc., M.P.H.  
University of California, San Francisco

#### **ARISE: Undermining the idea of addiction in the scientific literature and popular press**

Elizabeth (Libby) Smith, Ph.D.  
University of California, San Francisco

#### **Who searches the internal tobacco industry documents and why?**

Martha Michel, Ph.D.  
Stanford VA Palo Alto Health Care System



# Scientific Session C

## CESSATION: FROM NRT TO THE INTERNET

October 10, 2005

10:30 AM – 12:00 PM

San Gabriel B – Lobby Level

### MODERATOR

Phillip Gardiner, Dr.P.H.

Tobacco-Related Disease Research Program

### **NRT, bupropion and other pharmaceuticals**

Joel Simon, M.D. M.P.H.

University of California, San Francisco Veterans Medical Center

### **Alternative behavioral regiments; Meditation, hypnosis, and acupuncture**

Cassandra Vieten, Ph.D.

California Pacific Medical Center Research Institute

### **California's smokers quitline**

Shu-Hong Zhu, Ph.D.

University of California, San Diego

### **Smoking cessation and the Internet**

Ricardo Muñoz, Ph.D.

University of California, San Francisco

# Scientific Session D

## CARDIOVASCULAR DISEASE

October 10, 2005  
10:30 AM – 12:00 PM  
San Gabriel A – Lobby Level

### MODERATOR

Kamlesh Asotra, Ph.D.  
Tobacco-Related Disease Research Program

#### **Nicotine and fetal development: Lessons from the hematopoietic system**

Sophia Khaldoyanidi, M.D., Ph.D.  
La Jolla Institute of Molecular Medicine

#### **Nicotine & cardiac fibrillation in remodeled hearts: The experimentalist view**

Hryar Karagueuzian, Ph.D.  
Cedars-Sinai Medical Center

#### **Impact of cigarette smoke on HDL metabolic pathways**

John Bielicki, Ph.D.  
Lawrence Berkeley National Laboratory

#### **Nicotine and pathological angiogenesis**

John Cooke, M.D., Ph.D.  
Stanford University

# Scientific Session E

## LUNG CANCER II

October 10, 2005

3:15 PM – 4:45 PM

San Gabriel C – Lobby Level

### MODERATOR

M. F. Bowen, Ph.D.

Tobacco-Related Disease Research Program

#### **TRDRP: 15 years of progress in the fight against lung cancer**

Steven Dubinett, M.D.

University of California, Los Angeles

#### **CCN proteins and lung cancer**

Phillip Koeffler, M.D.

Cedars-Sinai Medical Center

#### **Novel DNA vaccines for the treatment of lung cancer**

Ralph Reisfeld, Ph.D.

Scripps Research Institute

#### **Proteomic mapping of endothelium and its caveolae to attack, penetrate and destroy lung tumors**

Jan Schnitzer, M.D.

Sidney Kimmel Cancer Center

# Scientific Session F

## CALIFORNIA'S DIVERSE POPULATION

October 10, 2005

3:15 PM – 4:15 PM

San Gabriel A – Lobby Level

### MODERATOR

Hao Tang, M.D., Ph.D.

California Department of Health Services, Tobacco Control Section

### **Culture matters: Results of a tobacco survey of (mostly) immigrant Asian Indians**

William J. McCarthy, Ph.D.

University of California, Los Angeles

### **Recommendations for research from the California Chinese American and California Korean American tobacco use surveys**

Moon S. Chen, Jr., Ph.D., M.P.H.

University of California, Davis

### **Tobacco use prevalence among California's LGBT population**

Larry Bye, M.A.

Field Research Corporation

# Scientific Session G

## MENTHOL CIGARETTE RESEARCH

October 10, 2005

3:15 PM – 4:45 PM

San Pedro – Lobby level

### MODERATOR

*Phillip Gardiner, Dr.P.H.*

*Tobacco-Related Disease Research Program*

### ***Pharmacology of menthol***

*Neal Benowitz, M.D.*

*University of California, San Francisco*

### ***The epidemiology of menthol cigarette use and disease***

*Steven Sydney, M.D.*

*Kaiser Permanente Division of Research*

*Cathy Carpenter, Ph.D., M.P.H.*

*University of California, Los Angeles*

### ***Menthol cigarettes and the African American community***

*Bruce Allen, Dr.P.H.*

*Charles R. Drew University of Medicine & Science*

# Scientific Session H

## REPRODUCTIVE HEALTH EFFECTS

October 10, 2005  
3:15 PM – 4:45 PM  
San Gabriel B – Lobby Level

### MODERATOR

Kamlesh Asotra, Ph.D.  
Tobacco-Related Disease Research Program

#### **Smoking and reproduction: The oviduct as a target of cigarette smoke**

Prudence Talbot, Ph.D.  
University of California, Riverside

#### **Tobacco smoking-induced genetic abnormalities in male germ cells and their effects on embryonic development**

Francesco Marchetti, Ph.D.  
Lawrence Livermore National Laboratory

#### **Smoking impairs placental function**

Olga Genbacev-Krtolica, Ph.D.  
University of California, San Francisco

#### **Genetic susceptibility to maternal smoking-induced orofacial clefts**

Edward Lammer, M.D.  
Children's Hospital of Oakland Research Institute

# Scientific Session 1

## PULMONARY DISORDERS

October 11, 2005  
2:00 PM – 3:30 PM  
San Gabriel A – Lobby Level

### MODERATOR

M.F. Bowen, Ph.D.  
Tobacco-Related Disease Research Program

#### **Promising advances in therapies for COPD**

Richard Casaburi, M.D.  
Los Angeles Biomedical Research Institute  
at Harbor-UCLA Medical Center

#### **Environmental tobacco smoke: A laboratory adventure in basic research**

Kent Pinkerton, Ph.D.  
University of California, Davis

#### **COPD: Translating basic research insights into clinical practice**

David Broide, M.B., Ch.B.  
University of California, San Diego

#### **Effect of tobacco smoke and nicotine on pulmonary leukocyte adhesion and angiogenesis**

Pragada Sriramarao, Ph.D.  
La Jolla Institute for Molecular Medicine

# Scientific Session J

## POLICY AND ECONOMIC RESEARCH

October 11, 2005

2:00 PM – 3:30 PM

San Gabriel B – Lobby Level

### MODERATOR

*Francisco O. Buchting, Ph.D.*

*Tobacco-Related Disease Research Program*

### **Smokefree bars: Relationships between policy, enforcement, and compliance**

*Roland Moore, Ph.D.*

*Prevention Research Center*

### **Location, location, location: The geography and politics of underage tobacco sales in Los Angeles**

*Robert Lipton, Ph.D., M.P.H.*

*Prevention Research Center*

*Nora Manzanilla*

*Office of the Los Angeles City Attorney*

### **International tobacco control research on residential smoking policies among Mexican-descent populations**

*Ana Martinez-Donate, Ph.D.*

*San Diego State University*

### **The disproportionate cost of smoking for communities of color**

*Wendy Max, Ph.D.*

*University of California, San Francisco*



# Scientific Session K

## NICOTINE AND NEURODEGENERATIVE DISEASES

October 11, 2005

2:00 PM – 3:30 PM

San Pedro – Lobby level

### MODERATOR

*Phillip Gardiner, Dr.P.H.*

*Tobacco-Related Disease Research Program*

#### ***Role of nicotinic receptors in epilepsy***

*Henry Lester, Ph.D.*

*California Institute Technology*

#### ***Nicotine, neurocognition and schizophrenic smokers***

*Kirsten Fleming, Ph.D.*

*University of California, Irvine*

#### ***Nicotine and Parkinson's disease***

*Maryka Quik, Ph.D.*

*The Parkinson's Institute*

# Scientific Session L

## SECONDHAND SMOKE

October 11, 2005  
2:00 PM – 3:30 PM  
San Gabriel C – Lobby Level

### MODERATOR

Kamlesh Asotra, Ph.D.  
Tobacco-Related Disease Research Program

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#### **Regulation of phase II genes by lipid peroxidation products**

Henry J. Forman, Ph.D.  
University of California, Merced

#### **Environmental tobacco smoke effects on lung surfactant**

Joseph A. Zasadzinski, Ph.D.  
University of California, Santa Barbara

#### **Human embryonic stem cell development: A system to probe oocyte development and effects of secondhand smoke**

Renee Reijo Pera, Ph.D.  
University of California, San Francisco

#### **Carbon monoxide exposure causes hearing impairment**

John Edmond, Ph.D.  
University of California, Los Angeles

# Speaker Biographies



## **Lisa A. Bero, Ph.D.**

Lisa A. Bero, Ph.D., Professor, Department of Clinical Pharmacy, School of Pharmacy, and Institute for Health Policy Studies, School of Medicine, University of California, San Francisco, is a pharmacologist with primary interests in how clinical and basic sciences are translated into clinical practice and health policy. She is Vice Chair in the Department of Clinical Pharmacy, and Chair of the UCSF Chancellor's Advisory Committee on Conflicts of Interest. She has developed and validated methods for assessing the quality of research and scientific publication and measures influences on the quality of research, including university-industry relations. Dr. Bero has also conducted analyses to examine the dissemination and policy implications of scientific publications, including the design of interventions to improve the evidence base for policy.

Her international activities include: advisor to the World Health Organization Drug Action Programme and Tobacco Free Initiative, advisor to the World Bank, and Co-Director of the United States San Francisco Cochrane Center. She is a senior editor for Tobacco Control and editor for the Cochrane Effective Practice and Organization of Care Group -- an international group of researchers conducting meta-analyses of the literature on interventions to change health professional behavior. She has also been elected as a member of the Cochrane Collaboration Steering Group and serves on several national and international committees related to research dissemination or conflicts of interest.

# Speaker Biographies



## **Wilma Chan**

Assemblywoman Wilma Chan (D-Oakland) is the Chairwoman of the Assembly Committee on Health and is an outspoken advocate on behalf of California children and their families. Her legislative priorities include health care, senior services, early childhood education, environmental health, job creation and economic development. Ms. Chan served as the Assembly Majority Leader from 2002-2004, the first woman and the first Asian American to hold the position. She also served as Assembly Majority Whip from 2001-2002. Ms. Chan was elected to the Assembly in 2000, bringing 25 years of community service and ten years of hands-on legislative experience to the Legislature. Wilma Chan represents the cities of Oakland, Alameda, and Piedmont in the California State Assembly.

Before winning election to the Assembly, Ms. Chan was elected to the Alameda County Board of Supervisors in 1994 and re-elected without opposition in 1998. On the Board of Supervisors, Ms. Chan chaired the Health Committee. Ms. Chan was the first Chair of the Alameda County Children and Families Commission, which is distributing \$20 million annually in new funds for the children's services. Rob Reiner, Chair of the state Children and Families Commission called Alameda County's Commission the 'crown jewel' because of its comprehensive approach to early childhood development. Chan has authored new laws to make California the first state to ban the toxic flame retardant (PBDEs), and encourage counties to build school partnerships by donating surplus computers to schools. She led the successful legislative effort making permanent food stamps and cash assistance to low-income legal immigrant families and seniors.

Ms. Chan holds a BA from Wellesley and a Masters Degree in Education Policy from Stanford. A resident of Oakland for more than 20 years, Chan lives in Alameda. She is the mother of two children, a son attending UC San Diego and a daughter who works in public service.

Assemblywoman Chan has been honored by the American Lung Association, the City of Los Angeles, Chinese-American Voter Education Committee, National Association of Social Workers-California Chapter, the American Association of University Women, California Hunger Action Network, Alameda County Tobacco Control Coalition, and the Soroptimists among others. The Chinese language newspaper World Journal named her "Person of the Year." The Alameda Rotary gave her the Paul Harris award.

# Speaker Biographies



## **Marco A. Firebaugh, J.D.**

Marco Antonio Firebaugh serves as President of MAF Strategic Consulting, Inc., a full service public affairs firm specializing in the representation of public and private agencies. He is also a Visiting Professor and Policy Fellow at the UCLA School of Medicine, Center for the Study of Latino Health and Culture.

Firebaugh served in the California State Assembly from 1998 to 2004 representing the 50th Assembly District located in south-east Los Angeles County. During his tenure in the Assembly, Firebaugh was recognized for an impressive legislative and advocacy record on behalf of California's working families and their children. Moreover, the experience established him as a leader and role model in the Latino community.

From 2002 to 2004, Firebaugh served as Chairman of the California Latino Legislative Caucus where he was responsible for managing the development of the Latino Caucus' annual Agenda for California's Working Families a policy document that focuses on issues affecting California's diverse population. Under his stewardship the Latino Caucus grew from 22 to 27 members making it the largest and most influential Caucus in the Legislature.

Firebaugh also led the effort to appoint more qualified Latinos and Latinas to high-level positions in state government, including the appointment of only the second Latino to serve on the California Supreme Court, the first Latina to serve as Chancellor of a University of California campus, and two additional Latino Presidents at California State University at Fresno and Sacramento.

Because of his effectiveness both as a policymaker and a political leader, Firebaugh was appointed Majority Floor Leader in 2002. Alongside former Speaker Herb J. Wesson, Jr., Firebaugh served as Floor Leader from 2002 to 2004 making him the highest-ranking Latino in the Assembly and one of the chief negotiators for Assembly Democrats.

Firebaugh holds a Bachelor's Degree in Political Science from the University of California at Berkeley and a law degree from the UCLA School of Law. He resides in the City of Whittier and has two children, Ariana and Nicolas.

# Speaker Biographies



## **Richard D. Hurt, M.D.**

A native of Kentucky, Dr. Hurt received his M.D. from the University of Louisville, interned at Baptist Memorial Hospital in Memphis, Tennessee, and did his internal medicine fellowship at Mayo Clinic. In 1976 he joined the staff of Mayo Clinic in the Division of Community Internal Medicine and is now Professor of Medicine at Mayo Clinic College of Medicine. Dr. Hurt's interest in addictive disorders began in the early 70's and since the mid-1980's, has focused on tobacco dependence. Dr. Hurt was the first witness for the State in the historic Minnesota tobacco trial which resulted in a settlement with the cigarette manufacturers, including the release of over 50 million pages of previously secret internal tobacco company documents. From 1998-2003, Dr. Hurt served as the Chair of the Board of the Minnesota Partnership for Action Against Tobacco (MPAAT), a

new nonprofit organization that was created by the settlement reached in the Minnesota tobacco trial in May 1998.

Presently, he is Director of the Mayo Clinic Nicotine Dependence Center which he helped to found in 1988. Since then the Nicotine Dependence Center Treatment Program staff has treated over 29,000 patients with services including individual counseling, group programs, telephone counseling, and an intensive residential treatment program. Through its Education Program, education services are provided for medical students, residents, trainees, and fellows, in addition to a twice yearly conference for healthcare providers who want to provide treatment services to patients with nicotine dependence. The Research Program staff has conducted scores of randomized clinical trials with pharmacologic agents, in addition to outcomes research, behavioral interventions, epidemiologic studies, and basic science research. Dr. Hurt is author or coauthor of over 150 scientific publications.

# Speaker Biographies



## **Maryann Martone, Ph.D.**

Maryann Martone received her B.A. from Wellesley College in biological psychology and ancient Greek, and her Ph.D. in neuroscience in 1990 from the University of California, San Diego. Her thesis work on the neurochemical organization of the mammalian neostriatum was performed in the laboratory of Dr. Philip Groves. After receiving her degree, she joined the National Center for Microscopy and Imaging Research, then newly founded at the University of California, San Diego by Dr. Mark Ellisman. The National Center is an NIH-established research resource dedicated to the advancement of 3D multiscale imaging technologies for unraveling the molecular and structural complexity of the nervous system. She is currently the co-director of the National Center and a Professor-in-Residence in the Department of Neuroscience at UCSD.

Although she continues to investigate the structure of the nervous system using light and electron microscopy, for the past several years, she has been involved in the creation of neuroinformatics resources to make high resolution 3D cellular imaging available to the scientific community. She is the head of the Cell Centered Database project (<http://ccdb.ucsd.edu>), an on-line database for electron tomography and correlated light and electron microscopic data. She also serves as a member of the Neuroinformatics Committee for the Society for Neurosciences and is the Scientific Coordinator for the Mouse Biomedical Informatics Research Network, a large scale project to build computational and data resources for biomedical science.

# Speaker Biographies



## Alex Padilla

Alex Padilla represents the 7th Council District which includes the communities of Lake View Terrace, Mission Hills, North Hills, Pacoima, Panorama City, and Sylmar.

Alex Padilla was first elected to the Los Angeles City Council in June 1999, becoming the third youngest person ever elected to City office. Just two years later, in July of 2001, he was elected City Council President by his colleagues. Padilla was unanimously re-elected Council President in July of 2003 and again in July 2005.

Today, Alex Padilla, 32, is not only the youngest member of the Los Angeles City Council, but also the most senior member. His leadership abilities have not gone unnoticed. He was recently elected Chair of the Los Angeles Leadership Council of the American Diabetes Association. In October 2005, Alex Padilla will become the President of the League of California Cities.

As Council President, Alex Padilla has provided citywide leadership at critical times - among them, hiring a new police chief, developing a plan to redesign Los Angeles International Airport, and most significantly, serving as Acting Mayor during the tragedy of September 11.

Alex Padilla was born and raised in the San Fernando Valley and attended local public schools. He earned a degree in mechanical engineering from the Massachusetts Institute of Technology (M.I.T.) and was chosen by M.I.T. to recruit students from the Southwestern United States.

After completing a post-graduate program in public policy with the Coro Foundation, Alex Padilla worked in the office of United States Senator Dianne Feinstein (D-California). He then served as District Director for Assemblyman Tony Cardenas (D-Sylmar). Alex Padilla continues to live in the community of Pacoima.



# Speaker Biographies



## **Gerald M. Reaven, M.D.**

Dr. Gerald M. Reaven received his M.D. degree from the University of Chicago in 1953 after postgraduate training at the University of Chicago, University of Michigan, and Stanford. He joined the Stanford University School of Medicine faculty in 1960, where he has remained.

During his 40+ years on the Stanford faculty, Dr. Reaven has served as Head of the Division of Endocrinology and Metabolic Diseases (1974-1977), the Division of Gerontology (1977-1990), and the Division of Endocrinology, Gerontology, and Metabolism (1990-1995). Dr. Reaven became emeritus in 1995, but remains active in teaching and research. His most recent appointment in the Division of Cardiovascular Medicine reflects the broad range of his research interests.

Dr. Reaven has published over 500 peer-reviewed research articles in scientific journals, as well as authoring or co-authoring numerous textbook chapters and other scholarly works. His research contributions have been widely recognized, and he has received the highest awards for research from the American Diabetes Association (Banting Award for Distinguished Scientific Achievement, 1988), the British Diabetes Association (Banting Memorial Lecture, 1990), and the European Association for the Study of Diabetes (Claude Bernard Lecture, 1994). In addition, Dr. Reaven has received the William S. Middleton Award for Outstanding Achievement in Medical Research from the Veterans Administration (1987), the Elliot Proctor Joslin Memorial Lecture (1990), the Nordisk-McGill Lecturer in Diabetes (1990), the Joseph Kirby Lilly, Distinguished Service Award (1995), Novartis Award for Longstanding Achievement in Diabetes (2000), the Sixth Linus Pauling Functional Medicine Award (2001), the Renold Medal of the American Diabetes Association (2002), the Frontier in Science Award from the American Association of Clinical Endocrinologists (2003), and the National Institutes of Health Astute Clinician Lectureship (2004).

# Speaker Biographies



## **Stephen Rennard, M.D.**

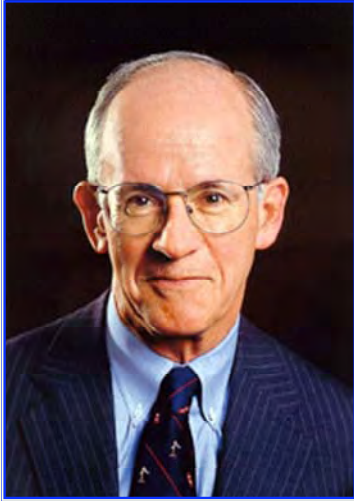
Stephen Rennard is Larson Professor of Medicine in the Pulmonary and Critical Care Medicine Section of the Department of Internal Medicine at the University of Nebraska Medical Center in Omaha, and courtesy Professor of the Department of Pathology and Microbiology. He received an A.B. with honors in Folklore and Mythology from Harvard University and an M.D. with honors from the Baylor College of Medicine, Houston, Texas. He completed internal medicine training at Barnes Hospital, Washington University, St. Louis, Missouri, and trained in Pulmonary Diseases at the National Institutes of Health where he remained for seven years, conducting research in the cell biology of lung disease.

He joined the University of Nebraska in 1984 as Chief of Pulmonary and Critical Care, a position he retained until 1997. He is currently the Director of the Nebraska Office of Tobacco Control and Research.

Dr. Rennard is active in several professional societies and has served on the Board of Directors for the American Thoracic Society, on the Council of the American Lung Association, and was a Governor for the American College of Chest Physicians. He served on the American Board of Internal Medicine, Pulmonary Section, and was a member of the expert panel which prepared the Gold Initiative for Chronic Obstructive Lung Disease (GOLD) guidelines for COPD for the WHO/NHLBI.

Current commitments include membership of the ATS Committee on Corporate Relations and the National Heart Lung Education Program Executive Committee and the Health Effects Institute Research Committee. He is the North American Editor for Respiratory Medicine, Associate Editor for COPD for the European Respiratory Journal and serves on the editorial board of several journals including the American Journal of Physiology, Lung, Cellular and Molecular Physiology and the American Journal of Respiratory and Critical Care Medicine. Professor Rennard maintains an active program of clinical investigation in COPD and smoking cessation and a program of basic research in the mechanisms of lung tissue repair and remodeling.

# Speaker Biographies



## **Steven A. Schroeder, M.D.**

Dr. Schroeder is Distinguished Professor of Health and Health Care, Division of General Internal Medicine, Department of Medicine, UCSF, where he also heads the Smoking Cessation Leadership Center. The Center, funded by the Robert Wood Johnson Foundation, works with leaders of more than 20 American health professional organizations and health care institutions to increase the rate at which patients who smoke are offered help to quit.

Between 1990 and 2002 he was President and CEO, the Robert Wood Johnson Foundation. During his term of office, the Foundation made grant expenditures of almost \$4 billion in pursuit of its mission of improving the health and health care of the American people. During those 12 years the foundation developed new programs in substance abuse prevention and treatment, care at the end of life, and health insurance expansion for children, among others. In 1999, it reorganized into health and health care groups, reflecting the twin components of its mission.

Dr. Schroeder graduated with honors from Stanford University and Harvard Medical School, and trained in internal medicine at the Harvard Medical Service of Boston City Hospital and in epidemiology as an EIS Officer of the CDC. He held faculty appointments at Harvard, George Washington, and UCSF. At both George Washington and UCSF he was founding medical director of a university-sponsored HMO, and at UCSF he founded its division of general internal medicine.

He has published extensively in the fields of clinical medicine, health care financing and organization, prevention, public health, and the work force, with over 260 publications. He currently serves as chairman of the American Legacy Foundation and of the International Review Committee of the Ben Gurion School of Medicine, and is a member of the editorial board of the *New England Journal of Medicine*, the *Harvard Overseers*, a director of the James Irvine Foundation, the Save Ellis Island Foundation, the Charles R. Drew University of Medicine and Science, and the Robina Foundation, and President of the Harvard Medical Alumni Association. He has six honorary doctoral degrees and numerous awards.

Schroeder lives in Tiburon with his wife Sally, a retired schoolteacher. Their two sons are physicians, one a cardiologist and one a pediatrician. Steve and Sally have one granddaughter and hope for more grandchildren.