

**TRDRP INVESTIGATOR CONFERENCE 2007**  
*Future Research Opportunities*

Tobacco-Related Disease Research Program  
Sheraton Grand Sacramento Hotel  
October 8–9



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**Sheraton Grand Sacramento**

**October 8 - 9, 2007**

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# Welcome from the Director



Charles L. Gruder, Ph.D.

*On behalf of the Tobacco-Related Disease Research Program and the University of California, I would like to extend a warm welcome to TRDRP's 2007 Biennial Conference. The conference theme is Future Research Opportunities. With support from TRDRP and other public and private funding, scientists in California have made significant advances in understanding the biological mechanisms of tobacco-related disease and developed innovative approaches to tobacco control. Moreover, they have begun the process of translating some of these discoveries into practical applications. However, as scientists know too well, findings of research projects often raise as many questions as they answer, sometimes opening entire new avenues of investigation. Advances in knowledge and technology are also driving the scientific agenda. A primary conference goal, therefore, is to explore the opportunities and challenges in research tobacco-related disease and tobacco control.*

*This promises to be a stimulating program, with addresses by UCSF's Dr. David Kessler and California State Treasurer Bill Lockyer. There are approximately 90 poster presentations and 40 oral presentations. I encourage you to talk to the poster presenters, especially those outside your own area of expertise, to learn about advances being made in other fields to combat the detrimental effects of tobacco use.*

*As you are aware, TRDRP is on the cusp of making potentially significant changes in priorities and award mechanisms, largely due to declining revenue. We are committed to funding science that will have an impact on what remains the single most devastating public health problem in our state, tobacco use and exposure to secondhand smoke. We are looking to you, our stakeholders, for suggestions about how to do this. Please make it a point to participate in "TRDRP Listens" at lunch on Monday.*

*I am confident you will leave the conference with an increased understanding of the recent advances made in tobacco research in California and the new directions in which your colleagues are moving. In my view, the meeting will be a rousing success if it stimulates discussions about emerging research issues that lead at least some of you to new research collaborations with colleagues from other disciplines.*

Charles L. Gruder, Ph.D.

Executive Director – Special Research Programs

Acting Director – Tobacco-Related Disease Research Program

# Schedule of Events

## MONDAY, OCTOBER 8

- 7:00 - 6:00 pm**      **REGISTRATION**  
Grand Nave Foyer
- 7:00 - 9:00 am**      **BREAKFAST**  
Grand Nave Foyer
- 9:00 - 10:15 am**      **OPENING**  
*Larry Gruder, Ph.D. – TRDRP*  
Camellia/Gardenia
- KEYNOTE: Tobacco Wars**  
*David Kessler, M.D. – UCSF*  
Camellia/Gardenia
- 10:15 - 10:30 am**      **BREAK**
- 10:30 - 12:00 pm**      **SCIENTIFIC SESSIONS**
- Session 1 Stem Cells in Tobacco-Related Disease**  
Batagelieri
- Session 2 Using California Department of Public Health Data Sources in Your Research**  
Tofanelli
- Session 3 Community-Based Participatory Research**  
Campagno
- 12:00 - 1:30 pm**      **LUNCH**  
**Cornelius Hopper Diversity Award Supplements Presentation**  
**TRDRP Listens: Stakeholder Input to Strategic Planning**  
Camellia/Gardenia
- 1:30 - 3:00 pm**      **POSTER SESSION**  
Magnolia
- 3:30 - 5:00 pm**      **SCIENTIFIC SESSIONS**
- Session 4 ETS, Lung Injury and Remodeling**  
Batagelieri
- Session 5 Young Investigators in Biomedical Sciences**  
Tofanelli
- Session 6 Community-Based Participatory Research - Roundtable Discussion**  
Campagno
- 5:00 - 5:30 pm**      **BREAK**
- 5:30 - 7:00 pm**      **POSTER SESSION**  
Magnolia
- 6:30 - 8:30 pm**      **RECEPTION**  
Magnolia/Camellia

# Schedule of Events

## **TUESDAY, OCTOBER 9**

- 7:00 - 2:30 pm**      **REGISTRATION**  
Grand Nave Foyer
- 7:00 - 8:30 am**      **BREAKFAST**  
Grand Nave Foyer
- 8:30 - 10:15 am**      **Plenary Session: Future Research Challenges and Opportunities**  
*Moderator - Troy Duster, Ph.D., New York University*  
Camellia/Gardenia
- 10:15 - 10:30 am**      **BREAK**
- 10:30 - 12:00 pm**      **SCIENTIFIC SESSIONS**
- Session 7 Nicotine Vaccine**  
    Batagelieri
- Session 8 Secondhand Smoke Exposure and Breast Cancer**  
    Tofanelli
- Session 9 Public Policy for Tobacco Control**  
    Campagno
- 12:00 - 1:30 pm**      **LUNCH**  
Camellia/Gardenia
- “Laying Down the Law: California’s Tobacco Enforcement Effort Post-MSA”**  
    *Bill Lockyer, J.D. – State Treasurer of California*
- CLOSING**  
    *Larry Gruder, Ph.D. – TRDRP*
- EXHIBITORS**

# Scientific Sessions 1-3

**Monday, October 8**

**10:30 -12:00 pm**

## **SESSION 1 - BATAGELIERI**

### **Stem Cells in Tobacco-Related Disease**

*Moderator: Kamlesh Asotra, Ph.D. – TRDRP*

### **Human Oocyte Development and Embryonic Stem Cells: Uses for Pharmacology, Toxicology and Genetics**

*Rene Reijo Perra, Ph.D. – Stanford University*

### **Bone Marrow-Derived Pericytes and Macrophages Initiate Neovascularization of Subcutaneous Matrigel Plugs**

*William Stallcup, Ph.D. – The Burnham Institute of Medical Research*

### **A Molecular Approach to Prevent In Utero Nicotine-Induced Lung Injury**

*Virender K. Rehan, M.D. – Harbor-UCLA*

### **Cholinergic Regulation of Adult Stem Cells: Implications for Tobacco-Related Disease**

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

## **SESSION 2 - TOFANELLI**

### **Using California Department of Public Health Data Sources in Your Research**

*Moderator: David Cowling, Ph.D. – TCS, California DPH*

### **An Overview of Selected California Department of Public Health Data Sources**

*David Cowling, Ph.D. – TCS, California DPH*

### **The California Cancer Registry: A Resource for Researchers**

*Arti Parikh-Patel, Ph.D. – Cancer Epidemiology Research Unit, Public Health Institute*

### **Effects of Tobacco Outlets/Ad Density on Teen Smoking and Brand Choice**

*Lisa A. Henriksen, Ph.D. – Stanford University*

## **SESSION 3 - CAMPAGNO**

### **Community-Based Participatory Research**

*Moderator: Phil Gardiner, Dr.P.H. – TRDRP*

### **Where are We Now: The TRDRP and CBPR**

*Phil Gardiner, Dr.P.H. – TRDRP*

### **History and Foundations of CBPR**

*Lawrence Green, Dr.P.H. – UCSF*





# Scientific Sessions 4-6

**Monday, October 8**

**3:30 - 5:00 pm**

## **SESSION 4 - BATAGELIERI**

### **ETS, Lung Injury and Remodeling**

*Moderators: M.F. Bowen, Ph.D. – TRDRP and Laura S. Van Winkle, Ph.D. – UC Davis*

### **ETS and Gender Effects on Allergic Asthma**

*Laurel Gershwin, D.V.M., Ph.D. – UC Davis*

### **ETS Increases Apoptosis in Infant Monkey Lungs**

*Kent Pinkerton, Ph.D. – UC Davis*

### **ETS, Lung Injury and Repair**

*Laura S. Van Winkle, Ph.D. – UC Davis*

## **SESSION 5 - TOFANELLI**

### **Young Investigators in Biomedical Sciences**

*Moderators: M.F. Bowen, Ph.D. – TRDRP and Kamlesh Asotra, Ph.D. – TRDRP*

### **Tobacco Industry Political Strategies after the 1998 MSA**

*Dorothy Apollonio, Ph.D. – UCSF*

### **Role of BNIP3 in Myocardial Cell Death**

*Asa Gustaffson, Ph.D. – SDSU*

### **Decreased Neuroglobulin in Cochlea After Prenatal Mild Carbon Monoxide Exposure**

*Ivan Lopez, Ph.D. – UCLA*

### **Indoor Chemistry and the Longterm Aging of Secondhand Tobacco Smoke Contaminants**

*Hugo Destailats, Ph.D. – LBNL*

### **What Regulates Skeletal Muscle Angiogenesis in Patients with COPD?**

*Mark Olfert, Ph.D. – UCSD*

### **Embryonic Stem Cells as a Model to Study Differentiation and Injury**

*Philip Thai, Ph.D. – UC Davis*

### **Nuclear Receptor-Based Cancer Therapeutics**

*Siva Kolluri, Ph.D. – Oregon State*

## **SESSION 6 - CAMPAGNO**

### **Community-Based Participatory Research - Roundtable Discussion**

*Moderator: Phil Gardiner, Dr.P.H. – TRDRP*

### **Environmental Influences on Tobacco Use Among AAPI Communities**

*Rod Lew, M.P.H. – Asian Pacific Partners for Empowerment Advocacy & Leadership*

*Sora Tanjasiri, Dr.P.H., M.P.H. – CSU Fullerton Auxiliary Services Corporation*

### **Protecting the "Hood" Against Tobacco: Cessation Project**

*Ruth Malone, Ph.D. – UCSF and Carol McGruder – Polaris Research and Development*

### **Prevalence and Correlates of African American Tobacco Use**

*Hope Landrine, Ph.D. – San Diego State University*

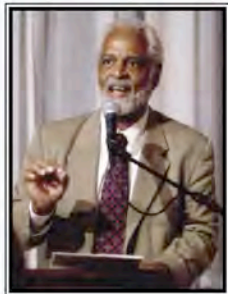
# Plenary Session Speakers

**Tuesday, October 9**

**8:30 - 10:15 am**

## **Future Research Challenges and Opportunities**

*Camellia/Gardenia*



### **Moderator**

*Troy Duster, Ph.D. – New York University*



### **Health Disparities**

*Pebbles Fagan, Ph.D. – NCI, NIH*

### **Nicotine Vaccines**

*Paul Kessler M.D. – NABI Biopharmaceuticals*



### **Pharmacogenomics**

*Neal Benowitz, M.D. – UCSF*

# Scientific Sessions 7-9

**Tuesday, October 9**

**10:30 - 12:00 pm**

## **SESSION 7- BATAGELIERI**

### **NICOTINE VACINES**

*Moderator: Phil Gardiner, Dr.P.H., – TRDRP*

*Discussant: Paul Kessler, M.D. – Nabi Biopharmaceuticals*

#### **Nicotine Vaccine: The Road Forward to Cure Nicotine Addiction**

*Kim Janda, Ph.D. – Scripps Research Institute*

#### **Nicotine Receptors: The Key Link in Blocking Nicotine Addiction**

*Dennis Dougherty, Ph.D. – California Institute of Technology*

## **SESSION 8 - TOFANELLI**

### **SECONDHAND SMOKE EXPOSURE AND BREAST CANCER**

*Moderator & Discussant: Peggy Reynolds, Ph.D. – Northern California Cancer Center*

#### **U.S. Surgeon General's Report**

*S. Katharine Hammond, Ph.D., C.I.H. – UC Berkeley*

#### **International Agency for Research on Cancer Report**

*Patricia A. Buffler, Ph.D., M.P.H. – UC Berkeley*

#### **California Environmental Protection Agency Report**

*Mark Miller, M.D., M.P.H. – UCSF and California EPA*

## **SESSION 9 - CAMPAGNO**

### **PUBLIC POLICY FOR TOBACCO CONTROL**

*Moderator & Discussant: Connie Pechmann, Ph.D. – UC Irvine*

#### **Tobacco Radioactivity and Public Health Policy**

*Hrayr Karagueuzian, Ph.D. – UCLA*

#### **Smoking Policies and Secondhand Smoke in Rental Cars**

*Georg Matt, Ph.D. – San Diego State University*

#### **Disproportionate Cost of Smoking for Communities of Color**

*Wendy Max, Ph.D. – UCSF*

#### **Tobacco Industry Use of Diet and Obesity Issues**

*Elizabeth Smith, Ph.D. – UCSF*

## Tobacco Wars

### David A. Kessler, M.D.



David A. Kessler, M.D., is the Dean of the School of Medicine and the Vice Chancellor for Medical Affairs at the University of California, San Francisco. Prior to this appointment, Dr. Kessler served for six years as the Dean of the Yale University School of Medicine. Dr. Kessler, who served as Commissioner of the United States Food and Drug Administration from November 1990 until March 1997, was appointed by President Bush and reappointed by President Clinton.

As Commissioner of the FDA, he acted to speed approval of new drugs and placed high priority on getting promising therapies for serious and life-threatening diseases to patients as quickly as possible. He introduced changes in the device approval process to make it more efficient and ensure that it meets high standards. Under his direction, the FDA announced a number of new programs, including: the regulation of the marketing and sale of tobacco products to children; nutrition labeling for food; user fees for drugs and biologics; preventive controls to improve

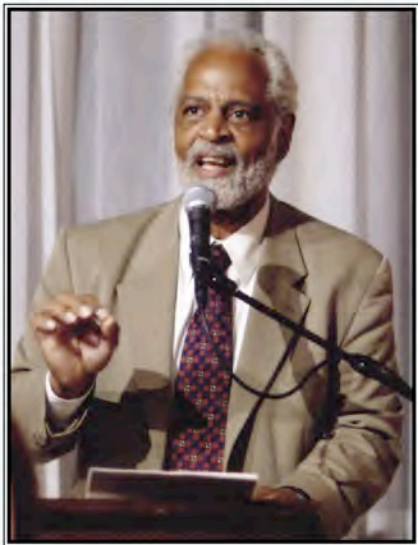
food safety; measures to strengthen the nation's blood supply; and the MEDWatch program for reporting adverse events and product problems. He emphasized strong law enforcement and created an Office of Criminal Investigation within the agency. According to *The New York Times* (11/27/96), David Kessler "...revitalized a beleaguered agency that had become mired in bureaucratic disarray." *The Los Angeles Times* (11/27/96) praised him for "...restor[ing] the Food and Drug Administration to what it was meant to be – an aggressive advocate for the public's health." With his departure, "[t]he American people lost one of their most effective champions..." (*New York Daily News*, 11/28/96).

Dr. Kessler has a wide range of experience in research, clinical medicine, education, administration, and the law. He is a 1973 magna cum laude, Phi Bet Kappa graduate of Amherst College. He received his J.D. degree from The University of Chicago Law School, where he was a member of the Law Review, in 1978, and his M.D. degree from Harvard Medical School in 1979. He did his internship and residency in pediatrics at the Johns Hopkins Hospital. In 1986, he earned an Advanced Professional Certificate from the New York University Graduate School of Business Administration.

From 1984 until his FDA appointment, he was medical director of the Hospital of the Albert Einstein College of Medicine in the Bronx, New York, where he held teaching appointments in the Department of Pediatrics and in the Department of Epidemiology and Social Medicine. From 1986 until 1990, Dr. Kessler also taught food and drug law at the Columbia University School of Law in New York. He was a consultant to the United States Senate Labor and Human Resources Committee from 1981 until 1984.

Dr. Kessler's book, *A Question of Intent*, was published by PublicAffairs in January, 2001. *The Boston Globe* has called it "...an intensely compelling account...a gripping tale of intrigue and high-stakes morality..." In addition, Dr. Kessler has published numerous articles in *The New England Journal of Medicine*, *JAMA* and other major medical journals. He served on the board of Amherst College, National Center for Addiction and Substance Abuse at Columbia University, the Henry J. Kaiser Family Foundation, and is Chairman of the Board of the Elizabeth Glaser Pediatric AIDS Foundation. He was also a member of the White House Commission on Presidential Scholars and served on the board of Doctors of the World. He is a member of Institute of Medicine and the recipient of the 2001 National Academy of Sciences Public Welfare Medal. His many honors have included the American Cancer Society's Medal of Honor, the American Heart Association's National Public Affairs Special Recognition Award, the American Federation for AIDS Research Sheldon W. Andelson Public Policy Achievement Award, the American Academy of Pediatrics Excellence in Public Service Award, the March of Dimes Franklin Delano Roosevelt Leadership Award, and the Jacobs Institute of Women's Health Excellence in Women's Health Award.

# Plenary Session Moderator



## **Troy Duster, Ph.D.**

Troy Duster is Silver Professor of Sociology and Director of the Institute for the History of the Production of Knowledge at New York University – and he also holds an appointment as Chancellor's Professor at the University of California, Berkeley. From 1996-98, he served as member and then chair of the joint NIH/DOE advisory committee on Ethical, Legal and Social Issues in the Human Genome Project (The ELSI Working Group). He is the past-president of the American Sociological Association (2004-2005), a member of the Board of Advisors of the Social Science Research Council, and in 2003-2004 served as chair of the Board of Directors of the Association of American Colleges and Universities. He is the former Director of the American Cultures Center and the Institute for the Study of Social Change, both at the University of California, Berkeley.

His relevant books and monographs include *Cultural Perspectives on Biological Knowledge* (co-edited with Karen Garrett), *Backdoor to Eugenics*, (2nd ed, 2003) and *Whitewashing Race: The Myth of a Colorblind Society* (co-author Brown, et al., 2003). Most recent publications include, "Comparative Perspectives and Competing Explanations: Taking on the Newly Configured Reductionist Challenge to Sociology," *American Sociological Review*, 2006, 71 (February:1-15); "Behavioral Genetics and Explanations of the Link between Crime, Violence, and Race, in E. Parens, A.R. Chapman and N. Press, eds., *Wrestling with Behavioral Genetics: Science, Ethics, and Public Conversation*, Baltimore: Johns Hopkins University Press, 2006; "Deep Roots and Tangled Branches," *Chronicle of Higher Education*, (3 February 2006) B13; "Feedback Loops in the Politics of Knowledge Production," in Nico Stehr, ed., *The Governance of Knowledge*, New Brunswick and London, 2004, 139-160; "Selective Arrests, An Ever-Expanding DNA Forensic Database, and the Specter of an Early Twenty-First Century Equivalent of Phrenology" in David Lazer, ed., *DNA and the Criminal Justice System: The Technology of Justice*, 2004, 315-334; "Controversies in Biomedical, Behavioral and Forensic Science," with P. Ossorio, *American Psychologist*, 60, 1, 115-128, January, 2005; "The Hidden Eugenic Potential of Germ-Line Interventions," in Audrey R. Chapman and Mark S. Frankel, *Designing our Descendants: The Promises and Perils of Genetic Modifications*, Baltimore and London: The Johns Hopkins University Press, 2003, 156-178; "Buried Alive: The Concept of Race in Science," in Alan H. Goodman, Deborah Heath, and M. Susan Lindee, eds., *Genetic Nature / Culture: Anthropology and Science Beyond the Two-Culture Divide*, Berkeley and London: University of California Press, 2003, 258-277; "The Sociology of Science and the Revolution in Molecular Biology," in J. Blau, ed., *Blackwell Companion to Sociology*, 2001, "Social Side Effects of the New Human Molecular Genetic Diagnostics," in Michael Yudell and Robert DeSalle, eds., *The Genomic Revolution: Unveiling the Unity of Life*, Washington, DC: John Henry Press, 2002; "Race Identity," in *International Encyclopedia of the Social & Behavioral Sciences*, N. J. Smelser and Paul B. Baltes (eds.), Pergamon, Oxford. 2001: 12703-06; *The Johns Hopkins University Press*, 2003, 156-178; and "The Morphing Properties of Whiteness," in B. Rasmussen, E. Klinenberg, I. Nexica and M. Wray, eds., *The Making and Unmaking of Whiteness*, Durham, NC: Duke University Press, 2001

# Plenary Session Speaker

## **PEBBLES FAGAN, Ph.D., M.P.H.**



Dr. Fagan is a Health Scientist in the Tobacco Control Research Branch at the National Cancer Institute. She received her B.A. in Rhetoric/Communications and Afro-American Studies from the University of Virginia (1990), her M.P.H. in Health Education/Communications from Tulane University School of Public Health and Tropical Medicine (1994), and her doctorate in Health Education from Texas A&M University (1997). Dr. Fagan completed a post-doctoral research fellowship at the Harvard School of Public Health and the Dana-Farber Cancer Institute (2001). Her current research and publications focus on youth tobacco cessation, young adult tobacco use, and tobacco-related health disparities. Dr. Fagan led efforts to facilitate the publication of the NCI report, *Eliminating Tobacco-Related Health Disparities Summary Report* (2005); *Tobacco and Health Disparities*, *American Journal of Public Health* (2004); *Advances and Challenges in Youth Tobacco Research*, *Tobacco Control* (2003); and the NCI Bibliography of Tobacco-Related Literature on

Hispanics, 1990-2001 (2001). Dr. Fagan led efforts to organize the National Conference on Tobacco and Health Disparities in 2002, worked with other NCI colleagues to organize the Minority Investigator Career Development Program Planning Meeting in 2003, and the 1st and 2nd Biennial Career Development Workshop to Increase Diversity in Research Funding in 2004 and 2006. Dr. Fagan is collaborating with partners within NCI, the American Legacy Foundation, and extramural researchers to support the activities of the Tobacco Research Network on Disparities (TReND). Through this transdisciplinary national network, she is helping to stimulate novel research that advances our understanding of tobacco health disparities science, translates that science into practice, and informs public policies. TReND activities include hosting the Health Disparities Research Methods Training Symposium in 2006; the LGBT of Color Sampling Methodology Meeting in 2006; and facilitating the Low SES Women and Girls Project and the project on Conceptual and Methodological Issues in Tobacco and Health Disparities.

In collaboration with NCI partners and the American Legacy Foundation, Dr. Fagan provided leadership in organizing a working meeting to review the state of the science on light and intermittent smokers (2005) and is working with others to stimulate research in this area. Dr. Fagan serves as a standing member of NCI Health Disparities Interest Groups, the NCI Tobacco Research Opportunities Team and Surveillance Workgroup, Partners Addressing Disparities in Priority Populations, the Tobacco Control Research Branch Community Policy Team, the Youth Tobacco Cessation Collaborative, and the NCI Women, Tobacco, and Cancer Communications Workgroup. She is a member of the American Public Health Association, the American Academy of Health Behavior, and serves as Co-Chair of the Tobacco and Health Disparities Committee of the Society for Research on Nicotine and Tobacco. She has presented research at national and international conferences and has published in peer-reviewed journals. Dr. Fagan also mentors student trainees interested in tobacco-related health disparities or youth prevention and cessation.

# Plenary Session Speaker

## **Paul Kessler, M.D. Nabi Biopharmaceuticals**

Dr. Kessler is Senior Vice President, Clinical, Medical and Regulatory Affairs at Nabi Biopharmaceuticals as of March 2007. Joining Nabi Biopharmaceuticals in 2005, he most recently served as Vice President, Clinical Research. He spent over 6 years at GenVec, Inc., as Head of Clinical Research where he led early and mid-stage clinical efforts in therapeutic angiogenesis, and oncology. From 1989 to 1998, he was an Assistant Professor and later Associate Professor of Medicine at the Johns Hopkins University School of Medicine, where he conducted gene and cell therapy research; and was an attending cardiologist.

He attended Carnegie-Mellon University and earned a B.S. from the University of Pittsburgh, a M.Sc. from the University of London, and an M.D. from Columbia University College of Physicians and Surgeons. He trained in internal medicine and was a research fellow in heart failure at The Mount Sinai Hospital, New York, and was a research and clinical fellow in Cardiology at the Johns Hopkins University, where he was a National Institutes of Health Physician Scientist Award recipient. He is the author of 45 peer reviewed research articles and has received 5 U.S. patents.

# Plenary Session Speaker



## **Neal L. Benowitz, M.D.**

Dr. Neal L. Benowitz is Professor of Medicine, Psychiatry and Biopharmaceutical Sciences and Chief, Division of Clinical Pharmacology and Experimental Therapeutics, University of California, San Francisco. He received his M.D. degree from the University of Rochester School of Medicine in 1969, following which he served as a resident in Internal Medicine at the Bronx Municipal Hospital Center from 1969 to 1971. He then completed a postdoctoral fellowship in Clinical Pharmacology at UCSF. Dr. Benowitz joined the faculty at UCSF in 1974. His research interests have focused primarily on the human pharmacology and toxicology of nicotine, caffeine and other stimulant drugs. He has published over 300 research papers. Dr. Benowitz was a scientific editor of the 1988 United States Surgeon General's Report on Smoking and Health: Nicotine Addiction, and served as a member of the NIH Pharmacology Study Section. Dr. Benowitz is a member of a number of medical societies, including the American Society

for the Clinical Investigation and the Association of American Physicians. He has served as President of the American Society for Clinical Pharmacology and Therapeutics and The Society for Research on Nicotine and Tobacco. He has received the Ove Ferno, Alton Ochsner, Rawls Palmer Progress in Medicine and Oscar B Hunter Memorial Award in Therapeutics awards for his research on nicotine, tobacco and health and was the 2002 University of California San Francisco Annual Distinguished Clinical Research Lecturer. Dr. Benowitz is currently Director of the Flight Attendants Medical Research Institute Center of Excellence at UCSF, Principal Investigator of the Pharmacogenetics of Nicotine Addiction Research Consortium, and Program Leader of the Tobacco Control Program of the UCSF Comprehensive Cancer Center.



## **Laying Down the Law** **California's Tobacco Enforcement Effort Post-MSA**



**Bill Lockyer, J.D.**  
**State Treasurer of California**

Californians on November 7, 2006 elected Bill Lockyer as the 32<sup>nd</sup> State Treasurer. The State Treasurer's Office will play a prominent role as California meets the challenge of building the future for a growing and increasingly diverse population. As State Treasurer, Lockyer is committed to using the tools of the Office to help provide residents what they need to create a stronger California – more jobs, superior education, improved transportation, quality health care, more affordable housing and a cleaner environment. Lockyer's priorities will be to wisely and prudently invest taxpayers' money, to ensure the public gets the accountability and oversight it deserves on infrastructure projects funded by voter-approved bonds, and to work with the Governor and Legislature to put California back on sound fiscal footing. To achieve those goals, Lockyer will draw on leadership, management and policymaking skills developed over a public ser-

vice career spanning more than three decades. From 1999-2006, Lockyer served as California Attorney General and left a lasting legacy at the Department of Justice. In his eight years, he helped revolutionize crime fighting in California by creating and maintaining the nation's most sophisticated DNA forensic crime laboratory. He also cracked down on Medi-Cal fraud, securing hundreds of millions of dollars in court-ordered restitution and penalties, established the Megan's Law website to locate and identify registered sex offenders, and recovered billions of dollars for defrauded energy ratepayers, consumers and taxpayers. Prior to his election as Attorney General in 1998, Lockyer served for 25 years in the California Legislature, culminating his Capitol career with a stint as Senate President pro Tempore. In that leadership position, Lockyer crafted agreements to balance the state budget and reform government programs to make them run more efficiently and effectively for taxpayers. A graduate of the University of California, Berkeley, Lockyer earned his law degree from McGeorge School of Law in Sacramento while serving in the State Senate. He also received a teaching credential from California State University, Hayward. He is married to Nadia Maria Lockyer and has a daughter, Lisa, and son, Diego.

**CA BREAST CANCER RESEARCH PROGRAM**

**CALIFORNIA HIV-AIDS RESEARCH PROGRAM**

**TOBACCO-RELATED DISEASE RESEARCH PROGRAM**

**TOBACCO SURVIVORS UNITED**

# Notes



# Notes