

Membership Biographies



Tomás Aragón, MD, DrPH
Principal Investigator and Executive Director, Center for Infectious Disease & Emergency Readiness, UC Berkeley School of Public Health
Berkeley, CA

Dr. Tomás Aragón is Principal Investigator and Executive Director at the Center for Infectious Disease & Emergency Readiness. Before coming to the UC Berkeley School of Public Health, Dr. Aragón worked for eight years as director of Community Health Epidemiology and Disease Control at the San Francisco Department of Public Health and as Deputy County Health Officer for the City and County of San Francisco. At SFDPH he directed communicable disease control and prevention, bioterrorism preparedness and response planning, and the epidemiologic and effectiveness research unit. Dr. Aragón's background includes training in molecular biology, epidemiology, and clinical infectious diseases.



Larry Brilliant, MD, MPH
Executive Director, Google.org, Google
San Francisco, CA

Dr. Larry Brilliant is the Executive Director of Google.org, the umbrella organization for Google's philanthropy. Board-certified in preventive medicine and public health, Dr. Brilliant has led non-profit and for-profit organizations. The author of two books and dozens of articles on infectious diseases, blindness, and international health policy, Dr. Brilliant has worked at city, county, state, federal, and international levels. He was recently a "first responder" for CDC's smallpox bio-terrorism response effort, worked as an epidemiologist for the WHO polio eradication campaign, volunteered in Sri Lanka for tsunami relief, and established Pandefense, an interdisciplinary effort to prepare for possible pandemic influenza and was advisor to Kleiner-Perkins pandemic response fund. Dr. Brilliant has received numerous honors and awards, including the 2005 "International Health Hero" award from University of California (Berkeley), the 2006 TED Prize, and two honorary doctorates. In 2008, he was named to the TIME list of "100 Most Influential People in the World." He is currently Chairman of the National Biosurveillance Advisory Subcommittee.



Alvin Bronstein, AB, MD
Medical Director, Rocky Mountain Poison Center
Denver, CO

Dr. Alvin Bronstein is the Medical Director of the Rocky Mountain Poison Center (RMPC). He is an Associate Professor in the Department of Surgery, Division of Emergency Medicine, and Clinical Pharmacology at the University of Colorado School of Medicine, Aurora, CO, where his research interests include creating new methods to deliver poison information. He is the principal investigator of a novel approach to providing drug identification using interactive voice response technology (IVR). As medical director, he actively participates in the RMPC's medical toxicology training program and oversees toxicology training for the Center's poison information specialists and providers. He is the lead physician in the RMPC surveillance effort. Dr. Bronstein has authored a number of articles and book chapters in the field of medical toxicology and written several textbooks on hazardous materials. He is the chairman of the American Association of Poison Control Centers (AAPCC) National Poison Data System (NPDS) Steering Committee in charge of system development. He is board certified in medical toxicology and family medicine.





Ron Brookmeyer, PhD
Professor of Biostatistics, The Johns Hopkins Bloomberg School of Public Health
Baltimore, MD

Dr. Ron Brookmeyer is Professor of Biostatistics at the Johns Hopkins University Bloomberg School of Public Health. Dr. Brookmeyer's research is at the interface of biostatistics, epidemiology and public health. He uses the tools of the statistical and informational sciences to address global public health problems such as the HIV/AIDS epidemic, biosecurity issues such as anthrax, disease surveillance, and the health challenges of aging populations. Dr. Brookmeyer has authored over 150 peer reviewed articles. He has written and edited three books including *AIDS Epidemiology: A Quantitative Approach*, and *Monitoring the Health of Populations*. Dr. Brookmeyer is an elected member of the Institute of Medicine of the National Academy of Sciences and received the American Public Health Association's Spiegelman gold medal for significant contributions to health statistics. He has served on numerous editorial boards, national scientific panels, including the Committee on National Statistics of the National Research Council, and recently served on the Institute of Medicine Panel on methodological challenges in HIV prevention trials. Dr. Brookmeyer directed the Johns Hopkins University Master of Public Health program 2002-2008, overseeing both the full time academic program and internet-based MPH programs.



Ruth Carrico, PhD, RN, CIC
Assistant Professor
Health Promotion and Behavioral Sciences Center for Health Hazards Preparedness, University of Louisville
Louisville, KY

Dr. Ruth Carrico is an Assistant Professor with the University of Louisville School of Public Health and Information Sciences and Associate Faculty with the Center for Health Hazards Preparedness. Dr. Carrico has focused her practice toward issues dealing with infection prevention in the healthcare and public health sectors and is certified in infection control. Dr. Carrico has authored or co-authored numerous peer reviewed manuscripts as well as abstracts, posters, e-learning modules, two book chapters, and five books. Dr. Carrico served as the editor for the Association for Professionals in Infection Control and Epidemiology, Inc. (APIC) 2005 *Text of Infection Control and Epidemiology*, the primary textbook for infection control practitioners in the United States, Canada, and Asia. She currently serves on the Board of Directors for APIC (2007-2009) as well as a reviewer for the *American Journal of Infection Control (AJIC)*, *Infection Control and Hospital Epidemiology (ICHE)*, and *Critical Care Medicine*. Dr. Carrico has spoken to both national and international audiences on a variety of topics regarding hospital-based performance improvement, immunization and preparedness strategies and continues to provide consultative services for a variety of hospitals, healthcare facilities, and healthcare personnel groups on issues relevant to infection prevention and control.



Heather Case, CF, DVM, MPH, Dipl. ACVPM
Coordinator of Emergency Preparedness and Response; Assistant Director, Scientific Activities
Division, American Veterinary Medical Association
Schaumburg, IL

Dr. Heather Case is the Coordinator for Emergency Preparedness and Response as an Assistant Director in the American Veterinary Medical Association's Scientific Activities Division at the Association's headquarters in Schaumburg, IL. Prior to joining the AVMA, Dr. Case served as a Science and Technology Policy Fellow working for a Member of Congress in Washington, DC, sponsored by the American Veterinary Medical Association. Her issues portfolio included Arts, Agriculture, Energy, Environment, Homeland Security, Housing, Trade and Transportation issues. As a Congressional staffer, her duties included research and drafting of legislation, floor statements, press releases, and official Congressional and constituent correspondence. Dr. Case has a background in disaster response and preparedness. As a member of the Veterinary Medical Assistance Team Five, she was deployed three times to assist in the response to Hurricane Katrina serving in logistics and as Commander of Shelter Medicine for the Lamar Dixon Animal Shelter which housed thousands of animals displaced by the hurricane.





Sanford Climan, MBA, MS
President, Entertainment Media Ventures
Burbank, CA

Mr. Sanford Climan (Executive Producer) is president and chief executive officer of 3ality Digital LLC. In addition, he is also president of Entertainment Media Ventures, Inc. (EMV), an L.A.-based company active in media investment, advisory work, and film and television production. Current advisory clients of EMV include Ford Motor Co., Harrah's Entertainment, SendMe Mobile, Beliefnet, One Key World and Imagination Entertainment. Mr. Climan served as co-executive producer on the CBS primetime series "Robbery Homicide Division" and as a producer of the feature film "The Aviator," directed by Martin Scorsese, for which he received BAFTA and Golden Globe Awards. From 1986 to 1999 Mr. Climan was a member of the senior management team at Creative Artists Agency, building its corporate representation practice from its inception and representing a range of companies. Mr. Climan serves on the boards of the American Cinematheque, The Fulfillment Fund, UCLA School of Public Health, The James Redford Institute for Transplant Awareness, and the Chief Executive Leadership Institute of the Yale School of Management, among others. He is also an advisor on entertainment and media to the World Economic Forum and its annual gathering in Davos, Switzerland.



Denis Coulombier, MD
Head of Unit for Preparedness and Response, European Centre for Disease Prevention and Control
171 83 Stockholm, Sweden

Dr. Denis Coulombier is the Head of the Unit for Preparedness and Response in the European Centre for Disease Prevention and Control since its establishment in 2005. Trained as a tropical disease specialist in France, he started his professional carrier as a clinician in various international settings in the Pacific region, the Indian Ocean and in Africa. After one year with Médecins Sans Frontière, he joined the Epidemic intelligence Service in the US CDC in 1991. In 1995, he returned to the newly created Institute for Public Health Surveillance in France to coordinate the surveillance system for diseases under mandatory notification. In 2001, he was seconded to WHO to head the Epidemiology Strengthening Team in the WHO office in Lyon France. As the Head of Unit for preparedness and Response in the ECDC, Dr Denis Coulombier is responsible for the detection, assessment, investigation and support to EU Member States for emerging threats related to communicable diseases or from unknown origin.



Suzanne Frances Delbanco, PhD, MPH
Independent Consultant,
Berkeley, CA

Dr. Suzanne Delbanco consults on health care quality, safety, payment and policy issues for corporations, advocacy and non-profit organizations and media outlets. From 2000-2007, Dr. Delbanco was the founding CEO of The Leapfrog Group. The Leapfrog Group uses the collective leverage of its large corporate and public members to initiate breakthrough improvements in the safety, quality, and affordability of health care for Americans. Dr. Delbanco serves on the boards of Bridges to Excellence and Prometheus Payment, Inc., and is a member of the Advisory Committee to the Director of the Centers for Disease Control and Prevention, the SafeMed, Inc. Advisory Council, and the Healthcare Executives Leadership Network. She also served as a Commissioner in the first two years of the Certification Commission for Healthcare Information Technology, and a member of the NCQA Purchaser Advisory Council. Before joining The Leapfrog Group, Dr. Delbanco was a senior manager at the Pacific Business Group on Health. She has also consulted on health insurance coverage in the temporary employment industry, the first statewide survey in California of Medi-Cal beneficiaries, and worked as a community liaison for Kaiser Permanente during the establishment of one of California's first County Organized Health Systems.





Jeffery Engel, MD
Chief, Epidemiology Section, North Carolina State Epidemiologist, Division of Public Health,
North Carolina Department of Health and Human Services
Raleigh, NC

Dr. Jeffery Engel is the State Epidemiologist and Chief of the Epidemiology Section of the Division of Public Health, NC Department of Health and Human Services. He leads the branches of Communicable Disease Control, Occupational and Environmental Epidemiology, the State Laboratory of Public Health, the Office of the Chief Medical Examiner, and the Office of Public Health Preparedness and Response. As State Epidemiologist he serves as a liaison to the local health departments and to the federal Centers for Disease Control and Prevention. From 1988-2002, he was on the faculty at the Brody School of Medicine at East Carolina University in Greenville, NC where he attained the rank of Professor of Medicine, served as Chief of the Division of Infectious Diseases, and Medical Director of Hospital Infection Control for Pitt County Memorial Hospital. He is Board Certified in Internal Medicine and Infectious Diseases. He has published in peer-reviewed journals and has received many grants and awards. In 2005, he was appointed by Secretary of Health and Human Services Michael Levitt to the CDC's Healthcare Infection Control Practices Advisory Committee.



James Hadler, MD, MPH
Former State Epidemiologist and Former Director, Infectious Diseases Section, Connecticut State
Department of Public Health
New Haven, CT

Dr. James Hadler is a public health consultant, an Associate Clinical Professor of Epidemiology and Public Health at Yale and a member of the Board of Scientific Counselors for the CDC's Coordinating Center for Infectious Diseases. Dr. Hadler was the State Epidemiologist and Director of the Infectious Diseases Section at the Connecticut Department of Public Health 1984-June 2008. In this capacity, he directed the Connecticut infectious disease surveillance and control programs, including those related to public health preparedness and emerging infections. During his tenure, Dr. Hadler was directly involved in development of the Connecticut response to a wide variety of emerging infectious diseases, disease outbreaks, and disease control issues, and in development of surveillance initiatives and public health preparedness plans for possible bioterrorism events and for pandemic influenza. In addition, he has been actively involved in the Council of State and Territorial Epidemiologists in its public health preparedness surveillance workgroup, having authored a resolution on bioterrorism-related surveillance in 2004, been a co-author of a pending CSTE-developed national legislation regarding disease reporting and surveillance and been a speaker on public health preparedness-related surveillance at several national meetings.



Mr. James Allen Heywood
Chairman, Co-Founder, PatientsLikeMe
Cambridge, MA

Mr. James Heywood is the co-founder and chairman of PatientsLikeMe where patients share in depth information on treatments, symptoms, and managing disease. PatientsLikeMe is a personalized research platform that allows patients, pharmaceutical and biotech companies as well as non-profits to better understand disease, improve individual care and accelerate the development of new treatments and biomarkers. Mr. Heywood is the Alex and Brit d'Arbeloff founding director of ALS TDI, the world's first non-profit biotechnology company, and served as its CEO from 1999 to 2007. Pioneering an open research model and an industrialized therapeutic validation process under Mr. Heywood's leadership ALS TDI grew to being the worlds largest ALS research program. An MIT engineer, he entered the field of translational research when his brother Stephen was diagnosed with ALS in 1998 at the age of 29. His work has been profiled in the New Yorker, 60 Minutes, Pulitzer Prize winner Jonathan Wiener's book, *His Brothers Keeper*, and in the Sundance award winning documentary *So Much So Fast*.





Steven Hinrichs, MD
Director, Center for Biosecurity, University of Nebraska Medical Center
Omaha, NE

Dr. Steven Hinrichs is the Stokes-Shackleford Professor of Pathology and Microbiology at the University of Nebraska Medical Center (UNMC) in Omaha. His administrative responsibilities include Directorship of the Nebraska Public Health laboratory (NPHL) and the University of Nebraska Center for Biosecurity. In his position as Director of the NPHL, he has been responsible for the development of a statewide program for the rapid identification of biological and chemical agents of mass destruction as well as an outreach program to extend training and expertise in the early recognition of biological agents at the community level. As part of this program his laboratory has implemented several advanced technologies including real time imaging and messaging. Dr. Hinrichs' medical background includes board certification in anatomic and clinical pathology. He obtained research training in molecular biology at the NIH and maintains an active research program in molecular pathogenesis and antibiotic resistance related to infectious disease. Dr. Hinrichs is past chair of the APHL Informatics Committee and is a strong advocate for development of communication systems and electronic infrastructure across the country. He is currently co-lead of the National Public Health Laboratory Interoperability Project.



Gregory Istre, MD
Research Director/Epidemiologist, Injury Prevention Center of Greater Dallas
Dallas, TX

Dr. Gregory Istre is the Research Director for the Injury Prevention Center of Greater Dallas, a non-profit community-based organization affiliated with Parkland Hospital. He is also a practicing pediatric infectious disease specialist in private practice and does inpatient consultations at five hospitals in the Dallas area. His training includes the Epidemic Intelligence Service and a Preventive Medicine residency at the CDC, in addition to a residency in Pediatrics and a fellowship in Pediatric Infectious Diseases. He was the State Epidemiologist for Oklahoma for 9 years, where he started one of the first injury prevention programs at a state health department in 1987. He was president of the Council of State and Territorial Epidemiologists from 1989-90, and was their injury liaison. He has more than 75 scientific publications dealing with epidemiology, infectious diseases, and injury prevention, and he is a past recipient of the National Epidemiology Award in 1994. His research interests focus on residential fires, pedestrian injuries, falls, and motor vehicle crashes.



Paul Jarris, MD, MBA
Executive Director, Association of State and Territorial Health Officials
Arlington, VA

Dr. Paul Jarris was appointed Executive Director of the Association of State and Territorial Health Officials (ASTHO) effective June 19, 2006. Prior to his appointment as executive director, Dr. Jarris served on the ASTHO Executive Committee from 2003 to 2006. Dr. Jarris served as State Health Official of the Vermont Department of Health from March 2003 to May 2006. During his tenure, Dr. Jarris implemented The Vermont Blueprint for Health: The Chronic Care Initiative. The Blueprint is a public-private partnership of state government, health insurance plans, business and community leaders, health care providers, and consumers. Dr. Jarris served as Medical Director for Vermont's largest nonprofit HMO, Community Health Plan, from 1992-1996. In this capacity he had responsibility for quality improvement, resource management, practice relations, and medical affairs. He was President and CEO of Vermont Permanente Medical Group from 1998-2000 as well as CEO of Primary Care Health Partners, Vermont's largest statewide primary care medical group, from 1999-2000. He is certified by the American Board of Family Medicine and the American Board of Medical Management. He also serves as a member of the Institute of Medicine's Board on Health Sciences Policy.





Scott P. Layne, MD
Professor of Epidemiology, University of California Los Angeles School of Public Health
Los Angeles, CA

Dr. Scott Layne is a Professor of Epidemiology at the University of California Los Angeles (UCLA) School of Public Health and is known for cross-disciplinary work involving biology, physics, and policy-related issues. He has authored over 45 publications, including three U.S. patents on methods to access and operate high-throughput laboratories. Dr. Layne is the Principal Investigator of the Center for Rapid Influenza Surveillance and Response, which is one of six NIAID Centers of Excellence for Influenza Research and Surveillance. Dr. Layne is also leading the development of the UCLA High Speed, High Volume Laboratory Network for Infectious Diseases in collaboration with Los Alamos National Laboratory. Dr. Layne is an editor of *Firepower in the Lab: Automation in the Fight Against Infectious Diseases and Bioterrorism* and of *Jane's Chem-Bio Handbook*, 2nd and 3rd editions, and teaches graduate level courses at UCLA on infectious diseases and public health responses to bioterrorism and pandemic influenza. He is also an instructor on bioterrorism preparedness for the U.S. Department of Homeland Security and lectures throughout the country in this capacity.



W. Ian Lipkin, MD
John Snow Professor of Epidemiology and Director, Center for Infection and Immunity, Mailman
School of Public Health, Columbia University
New York, NY

Dr. W. Ian Lipkin is the John Snow Professor of Epidemiology and Director of the Center for Infection and Immunity in the Mailman School of Public Health, and Professor of Neurology and Pathology in the College of Physicians and Surgeons. He is Director of the Northeast Biodefense Center, the National Institutes of Health/National Institute for Allergy and Infectious Disease Regional Center of Excellence for Biodefense and Emerging Infectious Disease Research representing New York, New Jersey and Connecticut; Principle Investigator of the Autism Birth Cohort; and Director of the World Health Organization Collaborating Centre on Diagnostics, Surveillance and Immunotherapeutics for Emerging Infectious and Zoonotic Diseases. Dr. Lipkin is the recipient of numerous honors; has assisted the US CDC, China CDC, USDA, US Dept of Defense and WHO in outbreaks of respiratory disease, hemorrhagic fever, meningoencephalitis and vaccine safety investigations; served as an intermediary between the WHO and the Chinese government during the SARS outbreak of 2003; and co-directed SARS research efforts in China. As director of the Northeast Biodefense Center he coordinates activities of 28 academic institutions and more than 250 investigators in basic and translational research efforts focused on emerging infectious diseases.



Jonathan Lord, MD
Senior Vice President and Chief Innovation Officer, Humana Inc.
Louisville, KY

Dr. Jonathan Lord is Senior Vice President and Chief Innovation Officer with Humana, Inc. Dr. Lord joined Humana in 2000 to help develop the company's consumer-centric business strategy. Dr. Lord is responsible for designing innovative health plan products and leading processes that enable people to navigate the healthcare system and support their health needs. In 2006, Dr. Lord began leading Humana's efforts to establish Humana Europe. With more than 20 years in medical administration, Dr. Lord came to Humana from Health Dialog, where he served as president and became a leader in e-enabled healthcare. Prior to joining Health Dialog, he served as chief operating officer of the American Hospital Association in Washington, D.C., executive vice president of Anne Arundel Medical Center in Annapolis, MD, and executive vice president of Sun Health in Charlotte, NC. Dr. Lord currently serves on the Advisory Board to the Director of the CDC, the National Biosurveillance Advisory Subcommittee, and the World Economic Forums Global Agenda Council on Chronic Disease and Malnutrition. He is also a director for Stericycle (SRCL) and Dexcom (DEXC).





Cecil Lynch, MD, MS
Assistant Professor, Department of Pathology, University of California at Davis
Granite Bay, CA

Dr. Cecil Lynch is a medical informaticist whose work is focused on public health surveillance and the intersection of public health and clinical care. He is an Assistant Professor at UC Davis in Medical Informatics and has served in several leadership positions including immediate past chair of the Informatics Graduate Group and the Chief of the Office of Informatics and Surveillance for the California Department of Health Services Division of Communicable Diseases. Dr. Lynch is also the Chief Knowledge Engineer for OntoReason LLC, an Artificial Intelligence software company providing solutions to the CDC, State of California, and the pharmaceutical industry. Dr. Lynch is currently a co-chair for the HL7 Vocabulary Technical Committee and a Member Consultant to the European Centers for Disease Knowledge Management Workgroup. He has served on the National Cancer Institute's caBIG project as a Vocabulary and Architecture consultant for its initial 2 years. He teaches courses in Information and Knowledge Modeling and Enterprise architecture at UC Davis with a special interest in ontological modeling.



Ken Mandl, MD, MPH
Associate Professor, Harvard Medical School and Director, Intelligent Health Laboratory,
Children's Hospital Informatics Program, Children's Hospital Boston
Boston, MA

Dr. Kenneth D. Mandl is an Associate Professor at Harvard Medical School and Director of the Intelligent Health Laboratory at the Children's Hospital Informatics Program in Boston, Massachusetts. A pioneer in both consumer informatics and population health monitoring, Dr. Mandl has innovated and published extensively in the areas of personally controlled health records, disease outbreak detection, public health surveillance, and national health information infrastructure. Recognized for his teaching and research, he has received the Barger Award for Excellence in Mentoring at Harvard Medical School and the Presidential Early Career Award for Scientists and Engineers. Dr. Mandl co-directs a CDC Center of Excellence in Public Health Informatics. He has been confirmed by the Secretary of Health and Human Services as member of the Advisory Committee to the Director of the CDC. He is also a faculty member of the Harvard Medical School Center for Biomedical Informatics and affiliated faculty at the Harvard-MIT Division of Health Sciences and Technology.



Linda McCauley, PhD, RN, FAAN
Nightingale Professor of Nursing, and Associate Dean for Nursing Research, University of
Pennsylvania School of Nursing
Philadelphia, PA

Dr. Linda McCauley joined the faculty at the University of Pennsylvania in 2004 as the Nightingale Professor of Nursing and assumed the position of the Associate Dean for Research in the School of Nursing. Her research interests include pesticide exposures in agricultural and urban populations. A major focus of her research includes partnering with communities and broad stake-holder involvement in both research participation and dissemination of research findings. Dr. McCauley is a Fellow in the American Academy of Nursing and the American Association of Occupational Health Nurses. Dr. McCauley has published more than 80 scientific papers on topics relevant to environmental and occupational health and community health nursing. She has served as a review consultant for the U.S. Environmental Protection Agency, the National Institute for Environmental Health Sciences, the Federal Department of Agriculture, and the American Institute of Biological Sciences. She is currently a member of the IOM Committee to Evaluate Agent Orange and Vietnam Veterans. She is frequently asked to serve on external advisory panels for occupational health and safety training program and environmental health research centers, including outreach and education programs





Farzad Mostashari, MD, MSc
Assistant Commissioner, Primary Care Information Project, Health Care Access & Improvement,
New York City Department of Health & Mental Hygiene
New York, NY

Dr. Farzad Mostashari is a lead practitioner and convener in the use of health information technology for public health. He did his graduate training at the Harvard School of Public Health and Yale Medical School, internal medicine residency at Mass General Hospital, and completed the CDC's Epidemic Intelligence Service. He was one of the lead investigators in the outbreaks of West Nile Virus and anthrax in New York City. Dr. Mostashari is Assistant Commissioner and Chair of the Primary Care Information Taskforce at the NYC Department of Health and Mental Hygiene, with the goal of encouraging and facilitating the adoption of secure public health-oriented health information technology and health information exchange in New York City. He is a Director of the NY eHealth Collaborative, a member of the eHealth Initiative's Leadership Council, and serves as Chair of the International Society for Disease Surveillance.



Tara O'Toole, MD, MPH
CEO and Director, Center for Biosecurity, University of Pittsburgh Medical Center
Baltimore, MD

Dr. Tara O'Toole is CEO and Director of the Center for Biosecurity at the University of Pittsburgh Medical Center (UPMC), and Professor of Medicine and of Public Health at the University of Pittsburgh. Dr. O'Toole is internationally known for her work on biosecurity and on health and safety issues related to the US nuclear weapons complex. Her publications in the biodefense field include articles on the response to anthrax, smallpox, and plague biological attacks; containment of contagious disease epidemics; biodefense research and development strategies; and hospital preparedness. She is Coeditor-in-Chief of the journal *Biosecurity and Bioterrorism: Biodefense Strategy, Practice, and Science*. Dr. O'Toole was one of the original members of the Johns Hopkins Center for Civilian Biodefense Strategies and served as its Director from 2001 to 2003. She has served on numerous government and expert advisory committees dealing with biodefense, including panels of the Defense Science Board; the National Academy of Engineering Committee on Combating Terrorism; and the National Academy of Sciences Working Group on Biological Weapons.



Erica Pan, MD, MPH, FAAP
Director, Bioterrorism and Infectious Disease Emergencies Unit, Communicable Disease Control
and Prevention Section, San Francisco Department of Public Health
San Francisco, CA

Dr. Erica Pan is the Director of the Bioterrorism and Infectious Disease Emergencies Unit, in the Communicable Disease Control & Prevention Section at the San Francisco Department of Public Health (SFDPH). In her current position she serves on the San Francisco Bay Area Biowatch Advisory Committee, leads public health planning efforts with the US Postal Service regarding Biohazard Detection System Response Planning, and leads other bioterrorism and infectious disease emergency planning with recent emphasis on pandemic influenza response planning. Prior to her current position, Dr. Pan worked for the SFDPH Communicable Disease Control Unit as a medical epidemiologist fellow on outbreak investigations, field team planning, epidemiology and surveillance, disease control protocol development and training. She is also an Assistant Clinical Professor in the Department of Pediatrics, Division of Pediatric Infectious Diseases at the University of California, San Francisco (UCSF). She continues her clinical work attending at UCSF for Pediatric Infectious Diseases and at San Francisco General Hospital in the General Pediatrics Clinic.





Gregory Poland, MD, MACP, FIDSA
Mary Lowell Leary Endowed Professor of Medicine, Infectious Diseases, Molecular Pharmacology and Experimental Therapeutics; Director, Mayo Vaccine Research Group; Director, Translational Immunovirology and Biodefense, Mayo Clinic and Foundation
Rochester, MN

Dr. Gregory Poland is the Director of Mayo Clinic's Vaccine Research Group, a state-of-the-art research group and laboratory that investigates issues surrounding vaccine response and novel vaccines important to public health. Dr. Poland is a Professor of Medicine and Infectious Diseases and Molecular Pharmacology and Experimental Therapeutics, the Associate Chair for Research for the Department of Medicine, the Director of the Immunization Clinic and the Director of the Program in Translational Immunovirology and Biodefense at Mayo Clinic. He also serves as the President of the International Society for Vaccines and the American Editor for the journal *Vaccine*. Dr. Poland was awarded the Hsu prize in International Infectious Disease Epidemiology in 2007 by the University of Iowa, and the Charles Merieux Lifetime Achievement Award in Vaccinology from the National Foundation for Infectious Diseases in May 2006. Since 2004, Dr. Poland has also served on the Infectious Diseases Society of America (IDSA) Taskforce on Pandemic Influenza. A prolific writer, Dr. Poland has published over 230 peer-reviewed scientific articles and book chapters.



Arthur Reingold, MD
Professor and Division Head, Division of Epidemiology, University of California, Berkeley School of Public Health
Berkeley, CA

Dr. Arthur Reingold is Professor and Head of the Division of Epidemiology in the School of Public Health at the UC Berkeley. He holds concurrent appointments in Medicine and in Epidemiology and Biostatistics at the University of California, San Francisco (UCSF). Dr. Reingold began his career as an infectious disease epidemiologist at the Centers for Disease Control and Prevention. Since joining the faculty at UC Berkeley, Dr. Reingold has worked on a variety of emerging and re-emerging infections in the U.S.; on acute rheumatic fever in New Zealand; and on AIDS, tuberculosis, malaria, and acute respiratory infections in Brazil, Uganda, Ivory Coast, Zimbabwe, India and Indonesia. He has directed the National Institutes of Health (NIH) Fogarty AIDS International Training and Research Program at UC Berkeley/UC San Francisco since its inception in 1988; co-directed with Dr. Duc Vugia of the California Department of Health Services the CDC-funded California Emerging Infections Program since its inception in 1994; and served as the Principal Investigator of the UC Berkeley Center for Infectious Disease Preparedness since its inception in 2002.



Christopher Ross, MBA
Chief Information Officer, MinuteClinic
Minneapolis, MN

Mr. Christopher Ross is Chief Information Officer for MinuteClinic, the pioneer and largest provider of retail-based healthcare in the U.S. Founded in 2000 with more than 500 clinics in 25 states, MinuteClinic has seen over 1.5 million patients with 99% patient satisfaction. At MinuteClinic, Mr. Ross is responsible for technology strategy and operations, and clinical and customer service call centers. Prior to joining MinuteClinic, he was CIO for United Behavioral Health, a division of UnitedHealth Group. Previously he was co-founder and president of a successful business technology consulting firm, a manager in the State of Minnesota's technology operations, an analyst for a financial consulting firm, and a senior legislative assistant on the U.S. House Budget Committee.





John Russell, JD
Visiting Scholar, K & L Gates
Morrisville, NC

Mr. John Russell is a Visiting Scholar at the University of North Carolina at Chapel Hill, where he researches the adoption of commercial healthcare databases for public health monitoring and biosurveillance. He serves also as a Senior Research Fellow at the National Center for Food Protection and Defense in the Department of Homeland Security. From 1998 through 2007, Mr. Russell served as Chief Administrative Officer and General Counsel for Quintiles Transnational Corp. While there, he handled government affairs, quality assurance, and for a time, global human resources. As chief government officer, he negotiated data use and deidentification, clinical trial rules and data-sharing provisions of major healthcare legislation, including HIPAA, Greenwood-DeGette, and PDUFA re-authorization. He was the founding Secretary of ACRO, the trade association for the clinical trial industry. He has published articles and spoken on data use and privacy and testified before the House Subcommittee on Investigative and Oversight on commercial healthcare data and anti-terrorism initiatives.



William Stephens, MS
Manager, Southwest Center for Advanced Public Health Practice, Tarrant County Public Health
Fort Worth, TX

Mr. Williams Stephens is the Advanced Practice Center Manager at Tarrant County Public Health Department. He is a results-oriented technical research and development manager experienced in start-up and Fortune 500 companies as well as government agencies. Primary areas of focus have been in image processing and threat detection design and analysis, scientific/biomedical imaging systems development, and biosurveillance systems analysis, evaluation and deployment. He has a demonstrated track record of successful projects and in leading advanced development strategies and workgroups. He developed and managed program deploying two regional syndromic surveillance systems (ESSENCE and RODS) as well as networking with Biosense. The system recognized as a model project for Biosense connections for other hospital systems. He also led the efficacy test project with independent consulting group (Potomac Group) to evaluate timeliness, sensitivity and specificity for a regional early detection system with real background disease patterns.



Rajeev Venkayya, MD
Director of Global Health Delivery, The Bill and Melinda Gates Foundation
Seattle, WA

Dr. Rajeev Venkayya is the Director of Global Health Delivery at the Bill & Melinda Gates Foundation. In this capacity, he oversees late-stage development of foundation-funded technologies and public health interventions, and efforts to help expand access to effective health solutions to the most disadvantaged populations in the developing world. He is also an Assistant Professor of Medicine in the Division of Pulmonary and Critical Care Medicine at the University of California, San Francisco (UCSF). Dr. Venkayya was previously the Special Assistant to the President and Senior Director for Biodefense at the White House Homeland Security Council. From October 2003 to May 2005 Dr. Venkayya was a Director for Biodefense and Health at the White House Homeland Security Council and served as a Special Advisor to the Director of the Centers for Disease Control and Prevention. Prior to his arrival in Washington, Dr. Venkayya was an Assistant Professor of Medicine in the Division of Pulmonary and Critical Care Medicine at UCSF.





Michael Williams, PhD
Director, Communicable Disease Control Services, St. Louis County Department of Health
Clayton, MO

Dr. Michael Williams is the Director of the Division of Communicable Disease Control and Emergency Preparedness with the St. Louis County Department of Health in Missouri. Dr. Williams was the Manager of Communicable Disease Control Services for the St. Louis County Department of Health from 1990 to January 2005, where he supervised communicable disease case investigation and control activities. He served as a clinical microbiologist from 1980 to 1990 at St. Anthony's Medical Center, and as clinical microbiology consultant to several St. Louis area hospitals. He is board certified as a Clinical Laboratory Director by the American Board of Bioanalysis and a registered microbiologist with the American Society for Clinical Pathology. Dr. Williams currently holds adjunct faculty appointments to the St. Louis University School of Public Health and the Washington University School of Medicine, Department of Medicine.

Note: If you have comments, edits, or additional input for this document, it should be provided to:

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