Invitation for Comment on the Short List Candidates for the
Clean Air Scientific Advisory Committee (CASAC)
Carbon Monoxide Review Panel
August 2009

The EPA Science Advisory Board (SAB Staff Office) announced in a *Federal Register* notice on June 30, 2009 (74 FR 31274) that it was augmenting the expertise of the Clean Air Scientific Advisory Committee (CASAC) Carbon Monoxide (CO) Panel. The Panel will provide advice to the EPA Administrator regarding the primary national ambient air quality standards (NAAQS) for CO. To augment the expertise on the CO Panel, the SAB Staff Office sought nominations of recognized experts in the areas of risk assessment and epidemiology. The *Federal Register* notice is available on the SAB Website at: http://yosemite.epa.gov/sab/sabproduct.nsf/WebFRNotices/99CF52325EF59DF9852575DF006C207F?OpenDocument.

The roster of current CO panelists may be found at http://yosemite.epa.gov/sab/sabpeople.nsf/WebExternalSubCommitteeRosters?OpenView&committee=CASAC&subcommittee=Carbon%20Monoxide%20Review%20Panel.

The SAB Staff Office Director makes the final decision about who will serve on the panel based on all relevant information. This includes a review of the candidate's confidential financial disclosure form (EPA Form 3110-48) and an evaluation of a lack of impartiality. For the EPA SAB Staff Office, a balanced committee or panel is characterized by inclusion of candidates who possess the necessary domains of knowledge, the relevant scientific perspectives (which, among other factors, can be influenced by work history and affiliation), and the collective breadth of experience to adequately address the general charge. Specific criteria to be used in evaluating a candidate include: (a) scientific and/or technical expertise, knowledge, and experience (primary factors); (b) availability and willingness to serve; (c) absence of financial conflicts of interest; (d) absence of an appearance of a lack of impartiality; (e) skills working in committees, subcommittees and advisory panels and for the panel as a whole; (f) diversity of, and balance among, scientific expertise, viewpoints, etc.

The SAB Staff Office identified the attached "Short List" of nominees to augment the CO Panel. Brief biographical sketches of the five candidates on the "Short List" are listed below for comment. **Please provide any comments you may have with respect to the Short List candidates no later than September 11, 2009**. Please submit your comments to the attention of Dr. Ellen Rubin, Designated Federal Officer at rubin.ellen@epa.gov.

Blanc, Paul

University of California San Francisco

Dr. Blanc is a Professor of Medicine and Endowed Chair for Occupational Medicine as well as Chief of the Division of Occupational and Environmental Medicine at the University of San Francisco (Parnassus Heights Campus). Dr. Blanc holds a MD degree from the Albert Einstein College of Medicine and also holds a Masters of Science in Public Health in Industrial Hygiene from the Harvard School of Public Health. He is trained in occupational medicine and internal medicine and also holds a certificate of added qualifications in medical toxicology. He is a former Robert Wood Journal Clinical Scholar and a Fulbright Senior Research Fellow. Dr. Blanc's research interests include asthma and COPD in relation to workplace and environmental factors and occupational and environmental toxicology, especially in terms of pulmonary responses.

Kaufman, Joel

University of Washington

Dr. Kaufman is a physician-epidemiologist, board-certified in internal medicine and occupational medicine. He has been a full-time faculty member in the University of Washington's (UW) Departments of Environmental & Occupational Health Sciences and Medicine since 1997, where he is the director of the Occupational and Environmental Medicine Program. His current research activities are primarily focused on environmental factors in cardiovascular and respiratory disease. He is the principal investigator of a major epidemiological prospective cohort study of air pollution and cardiovascular disease (The Multi-Ethnic Study of Atherosclerosis and Air Pollution, or "MESA Air"). He directs the UW Northlake Controlled Exposure Facility, a facility customized for experimental inhalation toxicology studies on health effects of combustion products including diesel exhaust. He is also principal investigator of an NIH-funded Specialized Center for Research at the University of Washington on Cardiovascular Disease and Traffic-Related Air Pollution.

Laden, Francine

Harvard

Dr Laden is the Mark and Catherine Winkler Associate Professor of Environmental Epidemiology at the Harvard School of Public Health, and an Assistant Professor of Medicine at the Harvard Medical School and the Brigham & Women's Hospital. Dr. Laden received her ScD in Epidemiology and MS in Environmental Health from the Harvard School of Public Health. Her research interests focus on the environmental epidemiology of chronic diseases, including cancer, respiratory and cardiovascular disease. Currently she is focusing on three specific categories of exposures: air pollution, persistent organic pollutants (POPs; organochlorines), and secondhand smoke. Dr. Laden is also interested in the geographic distribution of disease risk, incorporating geographic information system (GIS) technology into studies to explore risk factors such as the built environment and indicators of socioeconomic status, as well as air pollution. She has published key papers on the association of ambient particulate matter and all cause and cardiovascular mortality in the Harvard Six Cities Study and the Nurses' Health Study.

Speizer, Frank

Harvard Medical School

Dr. Frank E. Speizer is currently Edward H. Kass Professor of Medicine at the Channing Laboratory of the Harvard Medical School, Boston, MA. From 1988 to 2005, he served as Co-Director of the Channing Laboratory. Dr. Speizer also holds hospital appointments as a senior physician in the Department of Medicine at Brigham and Women's Hospital, Boston; MA and as senior physician in the Department of Medicine at Beth Israel Deaconess Medical Center, Boston. Dr. Speizer received his Bachelor of Arts (A.B.) degree from Stanford University in 1957, and his Doctor of Medicine (M.D.) from the Stanford University Medical School in 1960. He also holds an honorary Master of Arts (A.M.) degree from Harvard University, which was awarded in 1989. Prior to his current appointment at the Channing Laboratory, Dr. Speizer served as Associate Professor of Epidemiology (Physiology) at the Harvard School of Public Health, Boston (1978-1986), and as Associate Professor of Medicine, Harvard Medical School (1978-1986). Since 1986, he has served as both Professor of Medicine at the Harvard Medical School and as Professor of Environmental Sciences at the Harvard School of Public Health. His major professional society involvement includes serving as a Member of the International Society for Infectious Diseases and the American Thoracic Society, National Asthma Research Committee; and as Associate Editor for Environmental Research. An epidemiologist, Dr. Speizer's major research interests are environmentally- and occupationally-related acute and chronic diseases; the natural history of chronic obstructive lung disease; and epidemiologic studies of risk factors for cancer, heart disease and diabetes. He is extensively published in his disciplinary field of expertise.

Sweeney, Anne

Texas A&M Health Science Center

Dr. Anne Sweeney is a Professor of Epidemiology at the Texas A&M Health Science Center School of Rural Public Health in College Station, Texas. She received a B.S. degree in Nutrition and Dietetics in 1975 from Marywood College. She earned both her MPH and Ph.D. degrees in Epidemiology from the University of Pittsburgh, Graduate School of Public Health in 1988 and 1991, respectively. Dr. Sweeney served as a member of the Institute of Medicine's Gulf War and Health Study Committee, on the expert panel assessing the health effects of pesticides. She was a member of the Fertility and Early Pregnancy Committee, assigned to the National Longitudinal Cohort Study Planning Committee, sponsored by the National Institute of Child Health and Human Development, the National Institute for Environmental Health Sciences, the Centers for Disease Control and Prevention, and the U.S. EPA. Dr. Sweeney served as a member of the EPA Science Advisory Board Environmental Health Committee from 2002-2008. Her service during this interval included membership on several review panels, including Perfluorooctanoic Acid Human Health Risk, Ethylene Oxide Human Health Risk, and the Acrylamide Review panels. Her research interests include environmental and occupational exposures to toxic agents and the relation to adverse reproductive effects, particularly infertility, early pregnancy loss, and congenital anomalies. Dr. Sweeney has had extensive experience conducting large population-based studies of cohorts exposed to endocrine active compounds, including PCBs, PBBs, dioxin, and phthalates, and their effects on pregnancy outcome. She is currently the Principal Investigator for the Longitudinal Investigation of Fertility and the Environment (LIFE) study's Texas site, funded by the Eunice Kennedy Shriver National Institute of Child Health and Human Development.