

**TABLE 7 SCIENTIFIC LEADERSHIP**

<b>ADVISORY BOARDS</b>	
<b>ORGANIZATION</b>	<b>TYPE OF LEADERSHIP ROLE</b>
Agency for Toxic Substances Disease Registry	Expert Panel Risk Assessment, Member 1,4-Dioxane Minimum Risk Level Determination Workgroup, Member Binary Weight of Evidence Workgroup, Member Review of ATSDR Chemical Mixtures Guidelines, Member Mixture Risk Guidance and Interaction Profiles, External Review Panel, Member
American Academy of Microbiology	Enteric Disease Panel, Member
American Academy of Pediatrics	Environmental Health Committee, Member
American Chemistry Council	Neurotoxicology Implementation Panel, Member EPA Task Force on Risk Assessment Principles, Member
American Society for Testing and Materials	Indoor Air-Inorganic Chemicals Subcommittee, Member
American Thoracic Society	Task Force on Terrorism, Member
American Water Works Research Foundation	Arsenic Advisory Committee, Member CCL Advisory Committee, Member Project Advisory Committee, Member
Aspen Cancer Conference	Advisory Board, Member
Art and Creative Materials Institute	Toxicology Advisory Board, Member
Bioinformatics Research Center	Science Advisory Board, Member
Center for Alternatives to Animal Testing	Tests for Endocrine Disruptors, Consultant
Centers for Disease Control and Prevention	Committee on Public Health Indicators, Member
Chemical Manufacturers Association	Immunotoxicology Review Group, Member
CIIT Centers for Health Research	Scientific Program Review Committee, Member
Consumer Product Safety Commission	Design Study on Testing Flame Retardants, Member
Cure Autism Now	Scientific Advisory Board, Member
Department of Defense	Gulf War Illness Panel, Member Exposure Biomarkers, Consultant
Duke University Superfund Basic Research Center	Science Advisory Board, Member

Electric Power Research Institute	Program Review, Scientific Advisory Board, Member Aerosol Research Inhalation Epidemiological Study, Scientific Advisory Board Electromagnetic Fields, Consultant
European Union	EU/US Panel on Endocrine Disruptors, Consultant
Fraunhofer Institute (Germany)	International Advisory Board, Member
Food and Drug Administration	Pathology Assessment Working Group, Member Radiofrequency Genotoxicity, Expert Panel Member
Health Effects Group-Russian PCB Project	Consultant
Harvard Center for Risk Analysis	Advisory Committee, Member
Health Canada	Expert Review Panel Ethylene Glycol Risk Assessment
Health Effects Institute	HEI Reports, Expert Reviewer
International Commission on Radiological Protection	Commission, Member
International Coordinating Committee on the Validation of Alternative Methods	New Validation Process for Alternative Toxicological Test Methods, Consultant
International Life Sciences Institute	Acrolein Document Review Panel, Member Added Ingredients Review Committee Agricultural Chemical Safety Assessment Behavioral Toxicology Subcommittee Biomarkers Workgroup Developmental Immunotoxicity and Testing for Respiratory Allergy Developmental Neurotoxicology Working Group Direct Dosing of Neonatal Animals in Toxicity Testing Disinfection By-Product Mixtures Dose Selection Workgroup Dose-Dependent Transitions in Mechanisms of Toxicity Evaluation Neurodevelopmental Endpoints Evaluating Pharmacokinetic Impacts on Children Framework for Assessing Children's Risk Framework for Cumulative Risk Assessment Futures Planning Life-Stage Testing Mechanism of Action Working Group Risk Assessment Methodologies Technical Committee
International Joint Commission on Great Lakes	Science Advisory Board, Member

International Programme on Chemical Safety/World Health Organization	Applications and Persistent By-Products of Industrial and Combustion Processes, Consultant Arsenic and Related Compounds, Consultant Criteria Document on Neurotoxicology Revision, Chair Dose-Response Modeling Panel, Member Genotoxic Effects of Carcinogens in Humans, Reviewer Harmonization of Approaches to Assess Risk from Exposure to Chemicals, Panel Member PAH Document, Member Review Panel Persistent Manufactured Chemicals for Non-pesticide Minerals and Water Advisory Board, Member Toxicogenomics and Risk Assessment of Chemicals Workinggroup on Immunotoxicity Panel, Member Working Group on Air Quality Policy Alternatives, Chair Uncertainty in Exposure Assessment Models, Member Zoonoses Transmitted by Water Panel, Advisor
International Scientific and Professional Advisory Council	Board of Governors, Member
Institute of Medicine	Committees on Asthma, Consultant
Learning Disabilities Association of America	Advisory Board and Research Committee, Member
Lovelace Respiratory Research Center	Long Range Planning Committee, Member  Advisory Subcommittee of Biostatisticians for Toxicologic Research on Complex Combustion Mixtures
Michigan State University	External Advisory Board, Superfund Grant, Member
Mickey Leland National Urban Air Toxics Research Center	Scientific Advisory Board, Member
Mission Bay, California	Epidemiologic Advisory Panel, Member
National Alliance for Autism Research	Project Review Committee, Member
National Cancer Advisory Board	EPA Member
National Center for Toxicological Research	Program Review Panel, Member
National Council on Radiation and Measurements	Board Member
National Drinking Water Council	Working Group on Drinking Water Research, Member
National Environmental Respiratory Center	External Scientific Advisory Committee, Member
National Institute of Environmental Health Sciences	External Advisory Committee Member, Endocrine Disruptor Low-Dose Peer Review Panel Pathology Assessment Working Group

National Institute of Occupational Safety and Health	Scientific Program Review Panel, Member Program Review, Member Team to Create National Agenda for Occupational Asthma, Member Mixed Exposure Research Team, External Advisory Committee, Member
National Research Council of Canada	Technical Advisory Board, Member
National Research Center for Environment and Health (GSF-Germany)	Environmental Protection Agency Toxicology Liaison
National Research Council/National Academy of Sciences	Member, Committee on Arsenic Carcinogenicity Chair, Committee to Assess the Scientific Information for the Radiation Exposure, Screening and Education Program Committee to Review Pathology of Perchlorate-Lesions Expert, Particulate Matter Expert, Asthma and Indoor Air
National Toxicology Center for the Evaluation of Risks to Human Reproduction	Program Review Panel, Member
Nelson Institute of Environmental Medicine-New York University	External Research Advisory Committee, Member
North Carolina Birth Defects Research and Prevention Center	Steering Committee, Member
North Carolina State University-Science Education	Scientific Advisory Board, Member
President's Task Force on Environmental Health Risks and Safety Risks to Children	EPA Representative
Organization of Economic Development and Cooperation	Harmonization of Developmental Neurotoxicity Testing Guidelines, Consultant Validation Management Working Group, Member Test Guideline on In Vitro Cell Transformation Assays, Consultant
Research for Man and Environment (Netherlands)	Program Review Panel, Member
Scientific Committee on Problems of the Environment (SCOPE)/International Union of Pure and Applied Chemistry (IUPAC)	Dose-Response Assessment of Endocrine Disruptors, Consultant Committee on Environmental Implications of Endocrine Active Substances, Member
Society of Toxicology	Mixtures Task Force, Member Writing Group on Support of Science-Based Decisions Concerning Toxicity of Mixtures, Chair
Southern California Particle Center and Supersite	Scientific Advisory Board, Member

State of California	External Advisory Board of the California Air Resources Board for the Study of the Health Benefits of Air Quality, Member Air Resources Board, Member
State of Michigan	Oral Availability Scientific Review Committee, Member Children's Standards Panel, Member
State of North Carolina	Expert Consultant on Toxicology, Member Scientific Advisory Board for Air Toxics, Member Chemical Accident Prevention, Consultant Evaluation of Toxicity of Carbon Tetrachloride, Member
The Copernicus Group	Independent Pathology Review Board, Member
Trasher Research Foundation	Project Review Committee, Member
Toxicology Excellence in Risk Assessment-Panels	Voluntary Children's Chemical Evaluation Program Brominated Diphenyl Ethers Resorcinol B Toxicology
Veterans Administration	Program Review Panel on Research on Cholinesterase Inhibitors, Member
United Kingdom	Test Guidelines for Mutagenicity, Consultant
United Nations	Expert for UN-sponsored indoor air quality in China
United Nations Scientific Committee on the Effects of Atomic Radiation	US Delegation, Member
University of Cincinnati	Advisory Board, Diesel Exposures and Childhood Asthma Study, Chair
University of Michigan	Science Advisory Board, Dioxin Exposure Study, Member
US Army	Environmental Quality Basic Research Program, Panel Member Force Health Protection Program Review Committee, Member
US Air Force	JP-8 Program Review Team, Member
Wayne State University	Center of Excellence-Paternal Impact of Toxicological Exposure, Science Advisory Board, Member

### MEETINGS ORGANIZED

ORGANIZATION	TYPE OF LEADERSHIP ROLE
American Chemical Society	Organizer Symposium on Computational Toxicology

American Public Health Association	Aging and the Environment Conference, Organizing Committee National Agenda on the Environment and Aging, Organizing Committee
American Water Works Association Research Foundation	Organizing Committee, Member
Colloquium on Particulate Air Pollution and Human Health	Program Advisory Committee, Member
Dioxin Conferences (International Meetings)	Organizing Committee
Endocrine Disruptor Review Workshop	Organizing Committee
Environmental Mutagenesis Society	Planning Committee, International Germ Cell Mutagenesis Workshop
First International Symposium on Total Exposure Assessment Methodology	Co-Organizer
Health Effects Institute	Annual Conference Advisory Committee
International Arsenic Congress	Organizing Committee
International Life Sciences Institute	Co-Organizer, Workshop on Biomarkers
International Neurotoxicology Association (Europe)	Scientific Program Organizing Committee
International Conference on Indoor Air Quality and Climate	Member, Organizing Committee
International Conference of Environmental Exposure and Health	Scientific Organizing Committee
International Neurotoxicology Conferences (Little Rock, AR)	Co-Organizer-Children's Health and the Environment Co-Organizer-Susceptibility of the Developing Organism Organizing Committee-Pesticides and Susceptible Subpopulations
International Scientific and Professional Advisory Council	Program Committee
International Society for Environmental Epidemiology	Symposium Co-Chair and Organizer (2002) Symposium Co-Chair and Organizer (2004)
International Society for Polycyclic Aromatic Compounds	Program Committee
International Society of Quantum Chemistry and Pharmacology	Organizing Committee
International Symposium on Reproductive and Developmental Effects of Ambient Air Pollution	Organizing Committee
Manganese/MMT Workshop	Planning Committee

Mechanisms of Immunotoxicology 14 <sup>th</sup> Annual Conference	Co-Organizer
National Institute of Environmental Health Sciences	Co-Organizer, Workshop on Thyroid Hormone and Brain Development Co-Organizer, Workshop on Antioxidants, Diets, and Environmental Influences Co-Organizer, Workshop on Environmental Influences on the Induction and Incidence of Asthma,
National Research Center for Environment and Health Workshops (Germany)	Planning Committee (2001-2005)
Network for Environmental Risk Assessment and Management Colloquium	International Steering Committee, Member
New York State Environmental Systems Center	Scientific Advisory Board, Member
International Conference on the Role of Environmental Factors on the Onset and Progression of Puberty	Organizing Committee
International Conference on Chemical Mixtures	Organizing Committee
Science to Achieve Results Symposium 2003, 2004	Organizer
Society for Reproduction	Program Committee, Member
Society of Toxicologic Pathologists	Program Organizing Committee
Society of Toxicology-Symposia	Beyond Liver Toxicogenomics-Gene Expression Cumulative Risk Assessment Emerging Molecular and Computational Approaches for Cross Species Extrapolation Environmental Influences and Asthma Genomic Analysis of Surrogate Tissues Methods to Identify Respiratory Allergens New Horizons and Diesel Exhaust Mixtures Joint Toxicity and Risk Assessment Role of Apoptosis in Developmental Neurotoxicology Role of Endotoxins and Lung Disease World Trade Center
Society for Risk Analysis	Organizing Committee
Symposium on Environmental Change and Human Health	Co-Organizer
US EPA/Tri-Services Toxicology and Risk Assessment Conferences	Organizer, Chemical Mixtures Risk Assessment Organizer, Physiological Modeling Organizer, Risk Assessment of Chemical Mixtures

<b>ELECTED OFFICERS OF NATIONAL/INTERNATIONAL SOCIETIES</b>	
<b>ORGANIZATION</b>	<b>TYPE OF LEADERSHIP ROLE</b>

American Aging Association	President
American Board of Toxicology	Treasurer, Executive Board of Directors
American College of Toxicology	Councilor, Secretary
American Society for Pharmacology and Experimental Therapeutics	Chair, Division of Toxicology
Behavioral Toxicology Society	President
Environmental Mutagen Society	President
Genotoxicity and Environmental Mutagen Society	Vice-President, President
International Society of Exposure Analysis	Councilor, President
International Society of Polynuclear Aromatic Compounds	Treasurer
International Toxicology Association	Treasurer, Councilor
International Society for the Study of Xenobiotics	Executive Committee
Society for Pediatric and Perinatal Epidemiologic Research	Treasurer
Society of Risk Analysis	Treasurer, Councilor, Board of Directors
Society of Toxicology Specialty Sections: Immunotoxicology Inhalation Biological Modeling Neurotoxicology Risk Assessment Toxicologic and Exploratory Pathology	Council Member, President  President, Councilor Councilor (2) President, Councilor Secretary/Treasurer, President President Councilor
Triangle Consortium on Reproductive Biology	Executive Committee

<b>ADJUNCT APPOINTMENTS AT UNIVERSITIES</b>	
<b>ORGANIZATION</b>	<b>DEPARTMENT</b>
Boston University	School of Public Health
Community College of Southern Nevada	Faculty
Duke University	Department of Psychology Division of Medical Physiology Integrated Toxicology Program Nicholas School of the Environment
East Carolina University	Department of Cell Biology and Anatomy
George Mason University	Department of Geography and Earth Sciences
GSF-Forschungszentrum für Umwelt und Gesundheit	Visiting Scientist, Institute of Epidemiology

Harvard Medical School	Environmental Health
North Carolina Central University	Department of Biology
North Carolina State University	Department of Anatomy Department of Pathology and Laboratory Medicine Department of Molecular and Environmental Toxicology
Southeast College at Wake Forest	Department of Science
University of Buffalo	Department of Social and Preventive Medicine
University of Rhode Island	School of Pharmacy
University of Nevada-Las Vegas	Graduate Faculty
University of North Carolina	Biostatistics, School of Public Health Carolina Environmental Program Developmental Susceptibility Core Epidemiology Ophthalmology School of Medicine Toxicology Curriculum
Virginia Commonwealth University	Department of Pharmacology and Toxicology

<b>TRAINING COURSES ORGANIZED</b>	
<b>ORGANIZATION</b>	<b>TYPE OF LEADERSHIP ROLE</b>
American Thoracic Society	Faculty, Continuing Education Faculty, Course on Environmental and Occupational Lung Disease
Carolinas Telemetry Users Group	Invited Training Tutorials
Community Involvement Conference	Casa de Salud: A Model for Community Engagement, EPA Community Involvement Conference, Training Co-Leader
Conference on Theories and Practices in Toxicology and Risk Assessment	Training Course on Dose-Response Modeling
Duke University	Visiting Pulmonary Scholar Program Genetic Toxicology
Harvard Center for Continuing Education	Risk Assessment Methods
IAEMS	Online Training Module on Micronucleus Test, Contributor
New York University	Organized Course on Immunotoxicology
North Carolina State University-Toxicology	Organized Course on Toxicology Rodent Pathology Course

Office of International Affairs	Exposure and Risk in Indonesia
Research Triangle	Scientist- Teacher Partnership
Society for Risk Analysis	Methods on Risk Assessment of Chemical Mixtures
Society of Toxicology	Faculty, Continuing Education Courses Interpreting Pathology for Carcinogen Risk Assessment Pharmacokinetics Continuing Education Course
Society of Toxicologic Pathologists	Continuing Education on Pathology Evaluation
State of Kentucky	Methods on Risk Assessment of Chemical Mixtures
State of North Carolina	Department of Crime and Public Safety Division of Emergency Management
Teratology Society	Mini-Education Course on Experimental Design and Biostatistics
Toxicology and Risk Assessment Conference	Computational Pharmacokinetics during Developmental Windows of Susceptibility Exposure Methods at EPA Methods and Guidance for Health Risk Assessment of Chemical Mixtures Risk Assessment Methods
University of Cincinnati Health and Environmental Risk Institute	Risk Assessment Methods
University of North Carolina-Toxicology Curriculum	Biostatistics Biomarkers of Pulmonary Toxicity Biostatistics Cytogenic Toxicology Neurotoxicology Genetic Toxicology PBPK Modeling Predictive Models Human Toxicology
University of North Carolina	Health Professional Partnership

<b>EXTERNAL GRANT REVIEW GROUPS</b>	
<b>ORGANIZATION</b>	<b>TYPE OF LEADERSHIP ROLE</b>
American Cancer Society	Grant Reviews
American Chemistry Council	Grant Reviews
American Institute of Biological Sciences	Grants Review Panel
Air Force Office of Science Research	Grant Reviews
British Lung Foundation	Grant Reviews

California Energy Commission	Grant Reviews
Canada Research Chairs Program	College of Reviewers
Department of Energy	Grant Reviews
Food and Drug Administration	Review Grants on Health Effects of RF
Jeffress Memorial Trust	Grant Review
National Institute for Environmental Health Sciences	<p>Concept Review Panel for Intramural Projects (NICHD)</p> <p>Review Panels for Studies on Reproductive Toxicology, Epidemiology, Neurotoxicology</p> <p>Special Emphasis Panel-Superfund Grants</p> <p>Special Emphasis Panel-Training Grants</p> <p>Study Section NIH Toxicology and Alcohol (ALTX)</p> <p>Special Emphasis Panel-Conference Grant Applications</p> <p>Special Emphasis Panel-Center for Oceans and Human Health</p> <p>Special Emphasis Panel-Xenobiotics and Neurodevelopmental Abnormalities</p>
National Institute for Occupational Safety and Health	Grant Reviewer NIOSH Program Panel Reviewer
National Science Foundation	Grant Reviews
Petroleum Research Foundation	Grant Reviews
Texas A&M University	Pilot Grants Program
The Wellcome Trust	Grant Reviews
University of Antwerp, Joint Research Council on COPD	Grant Review Panel
US Air Force	Grant Reviews
US Army	Grant Reviews
US Department of Agriculture	Grant Reviews

<b>EDITORIAL BOARDS</b>	
<b>JOURNAL</b>	<b>TYPE OF LEADERSHIP ROLE</b>
Birth Defects Research	Editorial Board
Cancer Letters	Editorial Board
Cell Biology and Toxicology	Associate Editor
Cellular Immunology	Associate Editor
Chemical Research in Toxicology	Editorial Board

Chemosphere	Editorial Board
Comments on Toxicology	Guest Editor
Developmental and Reproductive Toxicology	Editorial Board
Drug and Chemical Toxicology	Section Editor
Environmental Health Perspectives	Editorial Board
Environmental and Molecular Mutagenesis	Associate Editor
Genetic Toxicology and Environmental Mutagenesis	Editorial Board
Human and Experimental Toxicology	Editorial Board
Inhalation Toxicology	Editorial Board, Associate Editor
International Journal of Hygiene and Environmental Health	Editorial Board
International Journal of Toxicology	Editorial Board
Journal of the American College of Toxicology	Section Editor
Journal of Children's Health	Editorial Board
Journal of Environmental Science and Health	Editorial Board
Journal of Exposure Analysis and Environmental Epidemiology	Associate Editor
Journal of Toxicology and Environmental Health	Editorial Board
Mutation Research	Editorial Board
NeuroToxicology	Editorial Board, Associate Editor
Neurotoxicology and Teratology	Editorial Board
Nonlinearity in Biology	Editorial Board
Particle and Fiber Toxicology	Editorial Board
Pathology of the Mouse Reference and Atlas	Editorial Board
Pharmacology and Toxicology	Editorial Board
Radiation Research	Associate Editor
Toxicologic Pathology	Editorial Board, Associate Editor
Toxicological Sciences	Editorial Board
Toxicology	Editorial Board
Toxicology and Applied Pharmacology	Editorial Board, Associate Editor
Toxicology Methods	Editorial Board

