

Invitation for Comment on the Short List Candidates for the Ecological Processes and Effects
Committee Augmented for the Advisory on EPA's Aquatic Life Criteria
May 20, 2008

The EPA Science Advisory Board (SAB Staff Office) announced in a *Federal Register* notice (Volume 73, Number 86, pages 24285 – 24286) that it was augmenting the expertise on the SAB Ecological Processes and Effects Committee (EPEC) to provide advice on a methodology for deriving water quality criteria for the protection of aquatic life based on mode of action. To augment the expertise on the EPEC, the SAB Staff Office sought nominations of recognized experts in the field of aquatic toxicology with specific knowledge of the effects of endocrine disrupting chemicals. Background information on the project and details on the nomination process appeared in the cited notice. The notice is available on the SAB Website at www.epa.gov/sab/.

Based on qualifications and interest of the nominees, the SAB Staff Office identified candidates to augment the EPEC for this advisory activity. The biosketches of these candidates are provided below. Biosketches of the members of EPEC are available at: <http://yosemite.epa.gov/sab/sabpeople.nsf/WebCommitteesSubcommittees/Ecological%20Processes%20and%20Effects%20Committee>. We hereby invite comments from members of the public to provide relevant information or other documentation that the SAB Staff Office should consider in determining who should serve on the Ecological Processes and Effects Committee Augmented for the Advisory on EPA's Aquatic Life Criteria.

The SAB Staff Office Director, in consultation with the SAB leadership, as appropriate, makes the final decision about who will serve on the Committee. In making that decision, the SAB Staff Office will complete its review of information regarding conflict of interest, possible appearance of impartiality, and appropriate balance and breadth of expertise needed to address the charge. The SAB Staff Office will review all information provided by candidates, any information that the public may provide in response to the posting of information about the candidates on the SAB website, and information gathered by the SAB Staff independently on the background of the candidates.

Please email your comments no later than May 27, 2008 to the attention of Dr. Thomas Armitage, Designated Federal Officer (Armitage.thomas@epa.gov).

Ecological Processes and Effects Committee Augmented for the Advisory on EPA's Aquatic Life Criteria

Brooks, Bryan

Baylor University

Dr. Bryan W. Brooks is an Associate Professor of Environmental Science and Biomedical Studies and a core scientist with Baylor University's Center for Reservoir and Aquatic Systems Research, Waco, Texas. Dr. Brooks received a Ph.D. in environmental science (aquatic toxicology and risk assessment emphasis) from the University of North Texas, and a M.S. and a B.S. in biological sciences from the University of Mississippi. His research interests are interdisciplinary, often integrating aspects of environmental toxicology and chemistry, applied aquatic ecology and risk assessment. Dr. Brooks' research program has often examined the aquatic fate and hazards of stressors (e.g., pharmaceuticals, personal care products, endocrine active compounds, harmful algal toxins, nutrients) associated with rapidly urbanizing regions, particularly in effluent-dominated ecosystems. For example, Dr. Brooks and colleagues at Baylor University and Tetra Tech, Inc. are completing the National Pilot Project of Pharmaceuticals and Personal Care Products in Fish Tissue, which is supported by U.S. EPA. His research efforts have also been supported by U.S. Department of Energy, U.S. Army, U.S. Fish and Wildlife Service, Texas Commission on Environmental Quality, Michigan Department of Environmental Quality, Texas Parks and Wildlife Department, 3M Foundation, WaterReuse Foundation and Altria Foundation. Over the past few years Dr. Brooks has published a number of papers related to the aquatic toxicology of select pharmaceuticals and personal care products, including endocrine active compounds. Specifically, his research has examined how target-mediated responses may be related to measures of effect to support ecological risk assessment. He presently serves as academic representative from North America on the steering committee for the Society of Environmental Toxicology and Chemistry's (SETAC) Pharmaceuticals Advisory Group. He recently served on the steering committee of a SETAC Pellston Workshop on Veterinary Medicines in the Environment, and chaired the aquatic effects workgroup at this meeting. In January 2008, he served as invited co-chair of the Workgroup on the Aquatic Effects of Pharmaceuticals in the Environment, which was part of the European Commission's Knowledge and Need Assessment for Pharmaceutical Products in European Waters (KNAPPE) project. In May 2008 Dr. Brooks is serving as invited chair for a 2 day symposium (82 abstracts) on Pharmaceuticals in the Environment at the SETAC Europe meeting in Warsaw, Poland. He is presently editing a book (with Dr. D.B. Huggett, coeditor) entitled "Human Pharmaceuticals in the Environment: Current and Future Perspectives."

Caldwell, Daniel

Johnson & Johnson

Dr. Daniel Caldwell is Principal, Environmental Toxicology in the Worldwide Environment, Health, and Safety Department, for Johnson & Johnson (J&J). He has the responsibility for development and deployment of J&J guidelines and standards for environmental impact assessment and control and facilitates the J&J Emerging Issues Task Force in the evaluation of emerging environmental issues and in the development of proactive strategies to address these issues. Dr. Caldwell has over thirty years of experience in the fields of environmental science and toxicology. He began his career in 1976 as the Environmental Science Officer for the U.S. Army and served in various environmental and toxicology positions until 1995, when he retired holding the rank of Lieutenant Colonel in the Medical Services Corps. After working briefly for a science consulting firm in Ohio, in 1996 Dr. Caldwell joined ExxonMobil Biomedical Sciences, Inc. in Annandale, N.J. as a Staff Toxicologist, becoming Senior Staff Toxicologist/Advanced Toxicology Associate in 2001. In 2005, Dr. Caldwell joined Johnson & Johnson as Manager of Environmental Toxicology, and was promoted to Principal, Environmental Toxicology in 2007. Dr. Caldwell holds a B.S. in Environmental Health from the East Tennessee State University, M.S. in Business Administration from Boston University, M.H.S. in Occupational Safety and Health from The John Hopkins University, and Ph.D. in Toxicology from the University of Pittsburgh. He is a Certified Industrial Hygienist and Diplomat of the American Board of Toxicology. Dr. Caldwell is the author of over 40 scientific and technical publications.

Cooper, Keith

Rutgers University

Dr. Keith Cooper is a Professor in the Department of Biochemistry and Microbiology at Rutgers University. He is also Deputy Director of the Joint Graduate Program in Toxicology at Rutgers University. Dr. Cooper has a B.S. from the College of William and Mary, a M.S. degree in Marine Biology from Texas A&M University, and a Ph.D. in Animal Pathology from the University of Rhode Island. Dr. Cooper completed NIEHS Post Doctoral training at Thomas Jefferson Medical School where he received a M.S. in Industrial Toxicology. Since joining Rutgers faculty in 1981 Dr. Cooper's research interests have focused on xenobiotic metabolism and reproductive effects in aquatic animals, including endocrine disrupting compounds (particularly dioxins, dibenzofurans, and phthalates, on finfish and bivalve mollusks). Dr. Cooper has authored over 80 research publications and 6 book chapters in the area of comparative toxicology. He has been the primary advisor for 16 Doctoral and 12 Masters Degree students. He has served on the New Jersey Pesticide Council, Drinking Water Council and the National Academy of Sciences panel examining Dioxins in the Food Supply.

Dickson, Kenneth

North Texas State University

Dr. Kenneth Dickson received a B.S. in Education and M.S. in Biology from North Texas State University. He received his Ph.D. in zoology from Virginia Polytechnic Institute and State University (VPI) in 1971. He was a faculty member in Biological Sciences at VPI from 1970 to 1978 serving as Assistant Director of the Center for Environmental Studies and Assistant and subsequently Associate Professor of Biological Sciences. In 1978 Dr. Dickson returned to University of North Texas (UNT) as a Research Scientist in the Institute of Applied Sciences (IAS). He became Director of IAS in 1979 and Professor of Biological Sciences. He directed the IAS until 1999. He was appointed a Regents Professor in 1989. In 1998 Dr. Dickson created the Elm Fork Education Center and serves as the Director. His research interests include: the fate and effects of chemicals in the aquatic environment, water quality, ecotoxicology, environmental education and sustainability. He is a past president of the Society of Environmental Toxicology and Chemistry and the Texas Academy of Science. Dr. Dickson currently serves on the U.S. EPA Science Advisory Board. He served two years on the Department of Defense's Strategic Environmental Research Development Program, Science Advisory Committee. He is recipient of UNT's Regents Faculty Lecturer Award in 1989, President's Award, Ursula Smith Spirit Award, and the Community Award. He is author of over 150 technical publications on a variety of environmental topics.

Giesy, John

University of Saskatchewan

Dr. John Giesy is a Professor and Canada Research Chair at the University of Saskatchewan where he is a faculty member in the Department of Veterinary Biomedical Sciences and on the Faculty of the Toxicology Centre. He is also currently Professor of Zoology Emeritus at Michigan State University, Chair Professor at Large of Biology and Chemistry at City University of Hong Kong, and Concurrent Professor of Environmental Science at Nanjing University, China. He attended Alma College in Alma, Michigan where, in 1970, he obtained a B.S. Degree, *Summa cum laude* with honors in Biology. Dr. Giesy obtained Masters and Doctor of Philosophy Degrees in Limnology from Michigan State University in 1971 and 1974, respectively. From 1974 until 1981 he was affiliated with the Savannah River Ecology Laboratory and a faculty member in the Institute of Ecology and Department of Zoology at the University of Georgia. Until 2006, he was Distinguished Professor of Zoology at Michigan State University in East Lansing, Michigan, where he was also a Professor of Veterinary Medicine and on the faculties of the Center for Integrative Toxicology and National Food Safety and Toxicology Center. Dr. Giesy is a NIEHS Preceptor and member of the National Institutes of Health Faculty. He is an environmental toxicologist with interests in many aspects of this field, including both the fates and effects of potentially toxic compounds and elements, particularly in the area of ecological risk assessment. He has conducted research into the movement, bioaccumulation, and effects of toxic substances at different levels of biological organization, ranging from biochemical to ecosystem. Dr. Giesy has done extensive research in the areas of metal speciation, multispecies toxicity testing,

biochemical indicators of stress in aquatic organisms, fate, and effects of PAHs, halogenated hydrocarbons, including chlorinated dibenzo-dioxins and -furans, PCBs, and pesticides. In addition to his work in aquatic toxicology, Dr. Giesy has conducted wildlife toxicology studies, particularly in the area of endocrine modulating compounds. In addition to his work as an ecologist and biochemical toxicologist he is an environmental chemist, having developed and applied both analytical and bio-analytical techniques to environmental issues. Dr. Giesy has been active in the development and application of methods for the assessment of the toxicity of contaminated sediments, especially in the North American Great Lakes. Dr. Giesy's work has resulted in publication of 635 peer-reviewed articles and 1124 lectures, world-wide. He has authored five books and edited six books. Dr. Giesy is the member of many editorial boards and is the editor of the Environmental Toxicology and Risk Assessment section of *Chemosphere*. Dr. Giesy has served as a member of U.S. EPA Science Advisory Board Panels and has been a member of six National Academy of Sciences panels, including: 1) Endocrine Disruptors, 2) Remediation of PCB-Contaminated Sediments, and 3) Bioavailability of Residues from Sediments and Soils. Dr. Giesy currently serves on the Boards of Scientific Councilors (BOSC) of the National Toxicology Program (NTP) of the National Institutes of Health (NIH) and the U.S. EPA Office of Research and Development (ORD) (Executive Committee). Dr. Giesy has received numerous distinctions and awards including the prestigious Vollenweider Medal for Aquatic Sciences from the National Water Research Institute of Canada and the Founders Award, which is the highest award given by the *Society of Environmental Toxicology and Chemistry* for continued excellence in research and education. Dr. Giesy has served on the Board of Directors of the Society of Environmental Toxicology and Chemistry (SETAC). He has also served as President of the Great Lakes Regional chapter of SETAC and international SETAC organization. He was Chairman of the Board of Directors of the *SETAC Foundation for Environmental Education* in 1992-93 and Vice President from 1993-2000.

Kidd, Karen

University of New Brunswick

Dr. Karen Kidd is an Associate Professor of Biology at the University of New Brunswick and has held a Canada Research Chair in Chemical Contamination of Food Webs at that institution since 2004. Before that she worked for 6 years as a research scientist with Fisheries and Oceans Canada in Manitoba. She received her B.Sc. in Environmental Toxicology from the University of Guelph (1987) and a Ph.D. in Environmental Biology and Ecology from the University of Alberta (1996). As an ecotoxicologist, Dr. Kidd's research focuses on understanding the effects of human activities on fish and other organisms in lakes and rivers as well as the accumulation of persistent pollutants such as chlorinated pesticides and mercury through freshwater food webs. She led an 8 year whole lake experiment at the Experimental Lakes Area to understand the effects of an estrogen released in municipal wastewaters on aquatic food webs. She has also worked on the effects of municipal and industrial effluents on fish health, and has done research on remote lakes in arctic and temperate regions of Canada and in East Africa. As a Fellow of the Canadian Rivers Institute, she is involved in the education of undergraduate and graduate students and professionals in environmental sciences.

Mihaich, Ellen

Environmental and Regulatory Resources, LLC

Dr. Ellen Mihaich has worked in the pesticide/chemical industry for over 18 years. She is the owner/president of Environmental and Regulatory Resources, LLC, an environmental consulting company in Durham, N.C. Prior to this position, she worked for Rhone-Poulenc and then Rhodia as an environmental toxicologist responsible for pesticide/chemical development, testing, and risk assessment. Among endocrine-related activities, she has been a Business and Industry Advisory Committee (BIAC) representative to the Organization for Economic Cooperation and Development (OECD) Ecological Validation Management Group for endocrine testing for the last 6 years. She has also been an invited participant on two Intergovernmental Coordinating Committee on Validation of Alternative Methods (ICCVAM) panels on *in vitro* testing methods for endocrine active compounds and the use of the Frog Embryo Teratogenesis Assay Xenopus (FETAX) assay in human health assessment. Currently, she chairs the scientific advisory board for the Strategic Environmental Research and Development Program (SERDP). Dr. Mihaich received a B.A. from Wellesley College and both M.S. and Ph.D. degrees in environmental toxicology from Duke University, where she currently holds an adjunct appointment and teaches a graduate-level course in risk assessment. She is a past president of the Society of Environmental Toxicology and Chemistry. Dr. Mihaich is a Diplomate of the American Board of Toxicology.

Schoenfuss, Heiko

St. Cloud State University

Dr. Heiko L. Schoenfuss is University Professor of Anatomy in the Department of Biological Sciences and Director of the Aquatic Toxicology Laboratory at St. Cloud State University. He holds a B.S. degree from Bayreuth University in Germany (Zoology, 1991). He was awarded concurrently a M.S. degree in Veterinary Anatomy (focusing on aquatic mammals) and a Ph.D. in Evolutionary Morphology (focusing on the effects of long-term environmental changes on fish anatomy) from Louisiana State University in 1997. Dr. Schoenfuss spent several years as a postdoctoral fellow at the University of Minnesota studying the effects of whole effluent on the endocrine system of exposed fishes. He was appointed to the faculty at St. Cloud State University in 2001. Dr. Schoenfuss's research examines the effects of endocrine disrupting compounds at environmentally relevant concentrations, singularly and in mixtures, on anatomy, physiology, and behavior of aquatic life. His laboratory integrates laboratory exposure studies (funded by the EPA Science To Achieve Results Program) with large-scale field reconnaissance surveys (State Agency funded) and has taken an integrative approach to the study of endocrine disrupting compounds. He oversees a diverse group of faculty, graduate and undergraduate students conducting research on the occurrence and effects of endocrine disrupting compounds in the aquatic environment to assess these compounds effect across organisms and the trophic cascade.

Schlenk, Daniel

University of California, Riverside

Dr. Daniel Schlenk is Professor of Aquatic Ecotoxicology and Environmental Toxicology at the University of California Riverside. Dr. Schlenk received his Ph.D. in Toxicology from Oregon State University in 1989. He was supported by a National Institute of Environmental Health Science postdoctoral fellowship at Duke University from 1989-1991. Since 2007, he has been a permanent member of the U.S. EPA FIFRA Science Advisory Panel. From 2003-2006, he was a member of the Board of Directors for the North American Society of Environmental Toxicology and Chemistry and has been a visiting Scholar in the Department of Biochemistry, Chinese University of Hong Kong; a recipient of the Ray Lankester Investigatorship of the Marine Biological Association of the United Kingdom; a visiting Scholar of the Instituto Del Mare, Venice Italy; and a Visiting Scientist at the CSIRO Lucas Heights Laboratory, in Sydney Australia. He has been a member of the U.S. EPA Science Advisory Board Aquatic Life Criteria Guidelines Consultative Panel and served on proposal review panels for the U.S. EPA, National Oceanic and Atmospheric Administration (NOAA), and the National Institutes of Health. He is the co-editor-in chief of *Aquatic Toxicology* and serves on the editorial boards of *Toxicological Sciences*, *The Asian Journal of Ecotoxicology* and *Marine Environmental Research*. He has co-edited a 2 volume series entitled "*Target Organ Toxicity in Marine and Freshwater Teleosts*" and has published more than 130 peer reviewed journal articles. His research interests revolve around the fate and effects of pesticides and emerging compounds in aquatic organisms.

Scott, Geoffrey

National Oceanic and Atmospheric Administration

Dr. Geoffrey Scott is the Director of the Center for Coastal Environmental Health and Biomolecular Research at Charleston, South Carolina, National Centers of Coastal Ocean Science, National Ocean Service, National Oceanic and Atmospheric Administration (NOAA). Dr. Scott holds adjunct faculty appointments at the Medical University of South Carolina, University of South Carolina, University of Charleston, and Texas Technical University. He received his Ph.D. in Marine Science from the University of South Carolina in 1979. Research experience includes working as an aquatic toxicologist for the EPA and the Research Planning Institute, as well as, an Associate Professor in the School of Public Health at the University of South Carolina where his research was focused on understanding the impacts of agricultural pesticide nonpoint source runoff and mosquito control agents on estuarine ecosystems, and the health of estuarine organisms as well as methods for measuring bacterial pollution emanating from different septic tanks systems in the coastal zone of SC. Additional research has focused on the impacts of oil and hazardous material spills on coastal ecosystems throughout the U.S. including studies in Alaska, Puget Sound, Texas, Puerto Rico and the Florida Keys. His research at NOAA has focused on agricultural and urban nonpoint source runoff issues throughout the southeastern U.S. His teaching responsibilities at the University of South Carolina include courses in environmental health sciences and aquatic toxicology. Dr. Scott has served on numerous advisory panels to government and industry including: (1) the Interstate Shellfish Sanitation Conference; (2) Joint EPA FIFRA Scientific Advisory Panel and Science Advisory Board Subcommittee on Endocrine Disrupters; (3) EPA's Food Quality Protection Act Board, Scientific Panel Member; (4) EPA's Environmental Technology Verification Program, Water Stakeholder Committee Member; (5) South Carolina (SC) Governor's Primary Health Care Task Force; (6) the SC Coastal Pesticide Advisory Committee; (7) SC Sea Grant Advisory Board; (8) Editorial Board Aquatic Toxicology; and (9) United Nations Gulf of Guinea Large Marine Ecosystem Study Technical Advisor.

Van Der Kraak, Glen

University of Guelph

Dr. Glen Van Der Kraak is a Professor in the Department of Integrative Biology and the Associate Dean for Research in the College of Biological Science at the University of Guelph. He holds an Honours B.Sc. (1976) and M.Sc. (1979) from the University of Manitoba where he concentrated in Zoology, and a Ph.D. from the University of British Columbia (1984) where he studied the reproductive physiology of salmon. His research interests include both basic and applied studies related to the endocrine control of reproduction in fish and amphibians. He has published over 230 referred journal articles, reviews and book chapters and has written or edited 4 books. His expertise relevant to this application is in testing of chemicals and complex effluents for effects on the reproductive physiology of fish and amphibians. Dr. Van Der Kraak was an NSERC University Research Fellow from 1987-97 and in 2002 won the Award for Excellence in Research by the University of Guelph chapter of Sigma Xi. He has served on the steering committees of two panels of the World Health Organization's International Program on Chemical Safety dealing with evaluating the risks posed by endocrine disrupting chemicals and methods of integrating human health and ecological risk assessments. He has frequently served as an advisor to the United States Environmental Protection Agency. This has included serving as a member of the U.S. EPA's Endocrine Disruptors Methods Validation Sub Committee (EDMVC) and the U.S. EPA's Endocrine Disruptors Methods Validation Advisory Committee (EDMVAC). He was also a member of the Board of Scientific Counsellors that reviewed the U.S. EPA's Endocrine Disruptors Program. Dr. Van Der Kraak is a member of the College of Reviewers of the Canadian Foundation for Innovation.

Verslycke, Tim

Gradient Corporation

Dr. Tim Verslycke is Senior Environmental Toxicologist with Gradient Corporation. He is an expert in evaluating and predicting environmental effects of endocrine disruptors, pharmaceutical, pesticides and other industrial chemicals. His primary responsibilities at Gradient Corporation include the design, oversight, analysis, and interpretation of ecotoxicological studies, environmental risk assessments, chemical screening and testing procedures, and product safety studies. Before joining Gradient, Dr. Verslycke was an investigator in the Biology Department at the Woods Hole Oceanographic Institution (Woods Hole, MA) where he currently holds a position as a visiting scientist and oversees endocrine disruption studies. Dr. Verslycke has been closely involved in research and priority setting for the regulatory screening and testing of endocrine disruptors. Dr. Verslycke completed his undergraduate and graduate studies in bio-engineering at Ghent University in Belgium and was the recipient of the Flanders Marine Institute Annual North Sea Award for his graduate thesis. Dr. Verslycke has authored over 30 peer-reviewed articles in the field of environmental toxicology and has presented his research at numerous international conferences. Dr. Verslycke served on the Scientific Advisory Committees of the Center for Health and Environment of the Flanders Regional Government (Belgium) and the Flanders Marine Institute (Belgium). Dr. Verslycke is a member of the Society of Toxicology (SOT), Society of Environmental Toxicology and Chemistry (SETAC), and International Society of Regulatory Toxicology and Pharmacology (ISRTP).

Weis, Judith

Rutgers University

Dr. Judith S. Weis is a Professor, Department of Biological Sciences, Rutgers University, Newark N.J. She previously served as Associate Dean for Academic Affairs at the University. She also has served as a AAAS/American Society of Zoologists Congressional Science Fellow with the Senate Environment and Public Works Committee, and served as a Program Director at the National Science Foundation. She has been a visiting scientist at EPA, both at the research lab at Gulf Breeze, Florida and in the Office of Water (Ocean and Coastal Protection Division). She received her bachelor's degree from Cornell University, and M.S. and Ph.D. from New York University. Her research focuses on estuarine ecology and ecotoxicology. She has published about 200 refereed papers, focusing mainly on stresses in the estuarine environment, and their effects on organisms, populations and communities. Particular areas of focus have been effects of metal contaminants on growth, development, and behavior; altered behavior and ecology of populations in contaminated estuaries; development of tolerance to contaminants in populations living in contaminated areas; effects of invasive marsh plant species on estuarine ecology and on fate of metal contaminants. Much of her research has been focused on estuaries in the NY/NJ Harbor area, but she has worked in other estuaries along the Atlantic Coast and in Indonesia and Madagascar. She has served on the Boards of Directors of the Society of Environmental Toxicology and Chemistry (SETAC) and the American Institute of Biological Sciences (AIBS). She was the Chair of the Biology Section of American Association for the Advancement of Science (AAAS) in 2000, and was the President of AIBS in 2001. She was on the board of the Association for Women in Science (AWIS) 2004-2006. She is a fellow of the American Association for the Advancement of Science (AAAS). She has served on advisory committees for the U.S. Environmental Protection Agency (STAA for the EPA Science Advisory Board, and the Endocrine Disruptors Screening and Testing Advisory Committee – EDSTAC, and most recently the review of Aquatic Life Criteria in 2005 and the Report on the Environment in 2007) and for the National Oceanic and Atmospheric Administration. She has been a member of the Marine Board of the National Research Council, and currently serves on the National Sea Grant Review Panel of NOAA. She was previously on the Editorial Boards of *Transactions of the American Fisheries Society* and the *Bulletin of Environmental Contamination and Toxicology* and was Associate Editor of *Bulletin of Environmental Contamination and Toxicology* and is on the Editorial Board of *BioScience*.

Zoeller, Thomas

University of Massachusetts

Dr. R. Thomas Zoeller is Professor and Chairman of the Department of Biology at the University of Massachusetts-Amherst. Dr. Zoeller received his Bachelor's degree in Biology at Indiana University-Bloomington, followed by a Master's of Science and Ph.D. degrees at Oregon State University. He pursued postdoctoral studies in molecular endocrinology and neuroendocrinology at the National Institutes of Mental Health and Neurological Disorders and Stroke in Bethesda, MD. His first academic appointment was as Assistant Professor in the Department of Anatomy and Neurobiology, University of Missouri-Columbia School of Medicine. He later joined the Biology Department at the University of Massachusetts-Amherst, becoming appointed as Professor and later as Chairman. Dr. Zoeller is on the Editorial Board of *Endocrinology* and *Environmental Toxicology and Pharmacology*. He was a member of the U.S. EPA's Endocrine Disruptors Screening and Testing Advisory Committee (EDSTAC) Screening and Testing Workgroup as well as on the peer review panels for EPA's risk assessment for Perchlorate. Dr. Zoeller was named "Scientist of the Year – 2002" by the Learning Disabilities Association of America and won the Samuel F. Conti Award for Research Excellence at the University of Massachusetts-Amherst.