CURRICULUM VITA

January 2020

Frederick S. vom Saal, Ph.D.

TITLE Curators' Distinguished Professor Emeritus

BUSINESS ADDRESS
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Division of Biological Sciences
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EDUCATION

Ph.D. 1976 Rutgers University
New Brunswick, NJ
Area of Study: Neurobiology

M.S. 1974 Rutgers University
New Brunswick, NJ
Area of Study: Neurobiology

B.A. 1969 New York University
Washington Square College, N.Y.
Area of Study: Psychobiology

POSITIONS HELD

2015 - Curators' Distinguished Professor Emeritus
Division of Biological Sciences
University of Missouri-Columbia

2007 – Curators' Distinguished Professor
Division of Biological Sciences
University of Missouri-Columbia

1990-1991 - Visiting Professor
Center for Human Reproduction
College of Physicians and Surgeons
Columbia University, New York

1989 – 2007 - Professor
Division of Biological Sciences
University of Missouri-Columbia

1984 – 1988 - Associate Professor
Division of Biological Sciences
University of Missouri-Columbia

1979 – 1983 - Assistant Professor
Division of Biological Sciences
Research Investigator, John M. Dalton Research Center
University of Missouri-Columbia

1976 – 1979 - NRSA Postdoctoral Fellowship from NICHD, NIH
Supervisor: Dr. F. H. Bronson
Institute of Reproductive Biology, Department of Zoology,
University of Texas at Austin

1975 - 1976	Research Assistant, Rutgers University
1974 - 1975	Teaching Assistant, Rutgers University
1974 – 1975	Instructor, Fairleigh-Dickinson University
1973 - 1974	Bevier Fellowship, Rutgers University
1972 - 1973	Russel Scholarship, Rutgers University
1970 - 1972	Biology Teacher, Marymount International School, Paris, France
1969 - 1970	Biology Teacher, Peace Corps Volunteer Borama, Somalia and Bukhalalire, Kenya

HONORS & AWARDS

Russel Scholarship, Rutgers University 1972
Bevier Fellowship, Rutgers University 1973
Honorary member, Faculty of Science, University of Parma, Italy and Italian Academy of Sciences 1990
Fellow, American Association for the Advancement of Science 1998
Millenium Award, Indian Institute for Sustainable Future 2001
Upstream Award, Jenifer Altman Foundation 2006
Curators' Distinguished Professor University of Missouri 2007
Mystical Seven Honor Society 2008
Environmental Health Hero Award, CleanMed Association 2010
University of Missouri Alumni Association Faculty Award 2010
Heinz Foundation Award in Environmental Science 2010
Derald H. Ruttenberg Visiting Professorship, Mt Sinai Medical School, New York 2013

JOURNAL AND GRANT REVIEWER AND EDITORIAL BOARDS

Animal Behavior; Archives of Pediatrics & Adolescent Medicine; Biology of Reproduction; BMC Biology; British Medical Journal; Ecology; Endocrine Disruption; Endocrinology; Endocrine Reviews; Environmental Health Perspectives; Environmental Research; Environmental Health; Environmental Science & Technology; Environmental Toxicology and Pharmacology; Ethology, Ecology and Evolution; Genetics; Health Affairs; Hormones and Behavior; Human Reproduction; International Journal of Obesity; JAMA; Journal of the American Chemical Society; Journal of Clinical Endocrinology & Metabolism; Journal of Developmental Origins of Health and Disease; Journal of Exposure Science and Environmental Epidemiology; Journal of Neuroendocrinology; Journal of Reproduction and Fertility; Life Sciences; Molecular Cellular Endocrinology; Nature, Nature Reviews Endocrinology; NEJM; Neoplasia, Neurobiology of Aging; Neurotoxicology, Pharmacology, Biochemistry and Behavior; Pediatrics; Philosophical Transactions of the Royal Society B; Physiology and Behavior; PLoS One; PNAS; PPTOX; Reproductive Toxicology; Toxicology and Applied Pharmacology; Science; Toxicological Science.
NIH review panels
National Science Foundation
National Institute of Mental Health
March of Dimes Birth Defects Foundation
Harry F. Guggenheim Foundation
U.S. Department of Agriculture
Italian National Research Council

Current Editorial Boards: Ethology, Ecology and Evolution

COURSES TAUGHT 2010-2014

Reproductive Biology Bio 4984, Fall 2014, Capstone course
Endocrine Disrupting Chemicals, Bio 4994, Fall 2014, Capstone course
Reproductive Biology Bio 4984, Fall 2013, Capstone course
Reproductive Biology Bio 4984, Winter 2013, Capstone course
Reproductive Biology Bio 4984, Fall 2012, Capstone course
Endocrine Disrupting Chemicals, Bio 4994, Fall 2012, Capstone course
Reproductive Biology Bio 4984 Winter 2012, Writing intensive, Capstone course
Endocrine Disrupting Chemicals, Bio 4994, Fall 2011, Capstone course
Reproductive Biology, Bio 8085, Fall 2011, Graduate seminar
Endocrine Disrupting Chemicals, Bio 4994, Winter 2011, Capstone course
Developmental Endocrinology, Bio 8002, Winter 2010, Graduate seminar
Reproductive Biology Bio 4984 Winter 2010, Writing intensive, Capstone course
Endocrine Disrupting Chemicals, Bio 4994, Fall 2010, Capstone course
Developmental Endocrinology, Bio 8002, Fall 2010, Graduate seminar

DEPARTMENTAL, COLLEGE AND UNIVERSITY COMMITTEES

Divisional Council, Biology Division, 1983-1985. Chairman, 1984.
Graduate Affairs Committee, Biology Division, 1979-1989.
Director Search Committee, Biology Division, 1984.
Neurosciences Search Committee, Biology Division, Chairman, 1985.
Donald M. Nelson Distinguished Lecturer Committee, Chairman, UMC, 1979-1996.
Chancellor's Awards Committee, UMC, 1984-1985; Chairman, 1987.
Campus Laboratory Animal Review Committee, UMC, 1983-1987.
UM Animal Resources Advisory Committee, UM, 1983-1987.
Food for the 21st Century Reproductive Biologist Search Committee, 1984
Food for the 21st Century Reproductive Biologist Search Committee, 1985
UM Weldon Spring Review Committee, Physical Sciences, Chairman, 1987
Laboratory Animal Medicine Assistant Director Search Committee, 1987
Research Council, UMC, 1989-1990
Faculty Awards Committee, Arts & Science, UMC, 1991-1992
Animal Care and Use Procedures Review Committee, UM, 1991-1992
Animal Issues Task Force, Chairman, UMC, 1992
Life Science Mission Enhancement Committee, 1998-2001
University of Missouri Animal Care and Use Committee, UMC, 2001-2004
Dalton Research Center, Director search committee 2004-2005
Curators Professor Committee, UMC, 2008
Campus Writing Program Board, UMC, 2006-2010
Research Council ad hoc reviewer, UMC, 1992-present
Animal Care Committee, Biology Division, Chairman, 1980-1986; 1979-present
Prime Fund Committee, UMC, 2003-present
Chancellor's AAU task force on: Federal Research and Development; 2012–2014
Curator Professor award committee, UMC 2015.

OUTSIDE PROFESSIONAL SERVICE

Society for the Study of Reproduction, Program Committee Chairman, 1989
Society of Neuroscience, Chapters Committee, 1990-1993.
Gerontological Society of America, Research Education and Practice Committee, 1991-1994.
Gerontological Society of America, Biological Sciences Executive Committee, 1993.
Senate Environment and Public Works Committee. Testified on the impact on human health of environmental endocrine disruptors, 1994
Chemical Industry Institute of Toxicology, Technical Advisory Panel, 1995-1998.
National Research Council, National Academy of Sciences Committee on Hormone-Related Toxicants in the Environment, 1995-1999.
International Life Sciences Institute, Receptor-Mediated Processes and Risk Assessment Organizing Committee, 1995-1996.
State of the World Forum, Endocrine Disruptor Initiative Steering Committee, 1996-

1997.
NIH (NCI, NIDDK, NIEHS) Prostate Cancer Special Review Committee, August, 2001
NIEHS PO-1 Special Emphasis Review Panel, October, 2002
Co-director, Permanent Monitoring Panel on Environmental Chemicals, Ettore Majorana Center, Erice, Italy, 2002-present.
Gordon Research Conference on Environmental Endocrine Disruptors,
GRC Conference Chair: 2004.
Organizing committee: 1998, 2000, 2002, 2004, 2006, 2008, 2010, 2012.
NIEHS- RFA Special Emphasis Review Panel, May, 2006.
Associate Editor: Human Reproduction 2006 – 2008.
Editorial Board: Dose-Response 2002 – 2012.
Editorial Board: Endocrinology 2009-2012.
Editorial Board: Ethology, Ecology and Evolution 2000 – present.
Editorial Board: Endocrine Disruption 2013 – present.
Science Communication Fellows Board 2007 – 2013.
Science Communication Network Board 2008 – present.
Endometriosis Association Board 2008 – present.
Heinz Center Scientific Advisory Council 2011 – present.
NIH panel Ad hoc member Endocrinology, Metabolism, Nutrition and Reproductive Sciences Special Emphasis Panel, July, 2012.
Superfund NIH grant review panel member, November, 2012.
Examiner, T. Corbel Ph.D. thesis committee, University of Toulouse, Toulouse France, December 2013.
Integrative and Clinical Endocrinology and Reproduction Study Section, NIH panel member 2010 – 2014.

INVITED SYMPOSIUM AND WORKSHOP PARTICIPANT (2003-2019)

2003

Symposium on: Health effects, Genetics Conference, Missouri Teachers Assoc., Kansas City, MO, April, 2003.
Symposium on: Endocrine Disruptors Assessment and Multiple System Toxicity, Toxicology and Risk Assessment Conference, Dayton, OH, May, 2003.
Symposium on: Developmental exposures to environmental chemicals: Role in disease/dysfunction later in life. Second World Congress on Fetal Origins of Adult Disease, Brighton, UK, June, 2003.
Symposium on: Fetal origins of adult disease. Annual meeting of the Teratology Society, Philadelphia, PA, June, 2003.
Workshop on: Endocrine disrupting chemicals, World Wildlife Fund, Gunnison, Colorado, July, 2003.
Symposium on: Endocrine disrupting activities of halogenated hydrocarbons. 2003 Dioxin meeting, Boston, MA, August, 2003.

Symposium on: Endocrine disruption and bioterrorism. Global Emergencies meeting, Center Ettore Majorana, Erice, Sicily, August, 2003.

Symposium on: Andrology in the 2000's. Genk Institute for Fertility Technology. Antwerp, Belgium, September, 2003.

Symposium on: Environmental Hormones, Tulane University, New Orleans, LA, October, 2003.

Symposium on: Environmental neuromodulation. 23rd Annual Society for Experimental Toxicology and Chemistry meeting, Austin, TX, November, 2003.

Symposium on: Science based guidelines for laboratory animal care. Institute for Laboratory Animal Research meeting, Washington, DC, November, 2003.

Symposium on: Low dose effects of endocrine disrupting chemicals, Freie Universitat, Berlin, November, 2003.

2004

Symposium on: Endocrine disrupting chemicals, Kyoto University, Kyoto, Japan, January, 2004

Symposium on: Environmental causes of obesity, Duke University, Durham, North Carolina, February, 2004.

Symposium on: Epigenetic regulation of reproductive development. Society for Gonocological Investigation continuing medical education meeting, Houston, TX, March, 2004.

Gordon Research Conference on Environmental Endocrine Disruptors (Conference Chair), Colby-Sawyer College, New London, NH, June, 2004.

Symposium on: Prenatal origins of reproductive dysfunction in the female. Society for the Study of Reproduction meeting, Vancouver, August, 2004.

2005

Symposium on: Endocrine disruptors and disruption of hormonal activity. Faculty of agricultural, food and environmental quality sciences, Hebrew University, Tel Aviv, January, 2005.

Symposium on: Collegiate Division Awards Ceremony, Missouri Academy of Sciences. Lincoln University, Jefferson City, MO, April, 2005.

Symposium on: Swiss National Research Program on Endocrine Disruptors: Relevance to Humans, Animals and Ecosystems. Two lectures presented at the University of Zurich and the University of Lausanne, Switzerland, May, 2005.

Symposium on: Endocrine disrupting chemicals. Endocrine Society meeting. San Diego, June, 2005.

Symposium on: Endocrine disruptors and sexual development. International Academy of Sex Research. Ottowa, July, 2005.

NIH Meeting (meeting co-organizer): Variability in contaminants in animal feed. National Institute of Environmental Health Sciences, Research Triangle Park, NC, September

2005.

Symposium on: Developmental Disruption. International Congress on the Developmental Origins of Health and Disease. Toronto, November, 2005.

Workshop on: Society for Women's Health Research workshop on Sex and Gender Differences in Obesity and Cardiovascular Disease. Washington, DC, November, 2005.

2006

Scientific Advisory Session: Health effects of phthalates and bisphenol A in children. Committee on Health, California Assembly, January, 2006.

Symposium on: Environmental Health lecture series on: Plastic promises: Better living or bodily harm. The Institute for Children's Environmental Health, Seattle, WA, February, 2006.

Symposium on: Oregon Environmental Council lecture series. Oregon Environmental Council, Portland, OR, February, 2006.

Symposium on: How today's environment affects tomorrow's children. Learning Disabilities Association of America, Jacksonville, FL, February, 2006.

Symposium on: Environmental effects on the fetal origin of obesity. Society of Toxicology meeting, San Diego, CA, March, 2006.

Symposium on: Genetics at Science City, Union Station, Kansas City, Missouri, April, 2006.

Symposium on: Plenary lecture, Biology student research symposium, Allegheny College, Meadville, PA, April, 2006.

Symposium on: Hormesis and non-monotonic dose-response curves. Gordon Research Conference, Il Ciocco, Italy, June, 2006.

Workshop on: Co-Organizer, Variation in feeds. National Institute of Environmental Health Sciences, Research Triangle Park, NC. July, 2006

Symposium on: Co-Organizer, Plastic contaminants in the ocean. Planetary Emergencies Meeting. Erice, Sicily, August, 2006.

Workshop on: Co-Organizer, Workshop on global contamination by plastic. Planetary Emergencies Meeting. Erice, Sicily, August, 2006.

Symposium on: Endocrine Disruptors Twelfth International Congress on Hormonal Steroids and Hormones and Cancer, Athens, Greece, September, 2006.

Workshop on: Co-Organizer, Workshop on Bisphenol A. National Institute of Environmental Health Sciences, Research Triangle Park, NC. November, 2006.

2007

Summit on: Fertility and the Environment, Collaborative for Health and the Environment, San Francisco, CA, January, 2007.

Symposium on: Obesity: Developmental Origins and Environmental Influences AAAS meeting, San Francisco, CA, February, 2007.

Symposium on: Health effects of chemicals in composites and sealants. Meeting of the International Association of Oral Medicine and Toxicology (IAOMT), Tuscon, March, 2007.

Symposium on: Protecting Human Life and Caring for Creation: Why Protecting Unborn Children in their First Environment Matters. US. Coalition of Catholic Bishops meeting, Washington DC, April, 2007.

Symposium on: Exploring life sciences at the University of Missouri. Annual Life Sciences Week, University of Missouri-Columbia, Columbia, MO, April, 2007

Scientific Advisory Session: Health effects of phthalates and bisphenol A in children. Committee on Health, California Assembly, Sacramento, CA May, 2007.

Symposium: International Conference on Fetal Programming and Developmental Toxicity, Faroe Islands, May, 2007.

Symposium: Fourth Copenhagen Workshop on Endocrine Disrupters, Copenhagen, Denmark, May, 2007

Symposium on: Endocrine Disruptors: Is there a problem? International Congress of Toxicology, Quebec City, CA, July, 2007.

Symposium on: Marine Debris in the Pacific. University of Hilo, Hawaii, October, 2007.

Symposium: Developmental exposure to environmental chemicals and disease. Society for Developmental Origins of Health and Disease meeting, Australia, November, 2007.

Symposium on: Communicating scientific findings to the media and public. Science Communication Network. Washington DC, December, 2007

2008

Symposium on: Endocrine Disruption. Odense, Denmark, March, 2008

Symposium on: Plenary Lecture, 5th Annual Pediatric Healthy Weight Summit. Greenville, NC, March 2008.

Symposium on: Endocrinology, Health, and the Environment. Graduate program in Endocrinology, Rutgers University, April, 2008.

Symposium on: Identifying Critical Issues in Endocrine Disruption Research, Science Communication Network. Washington DC, April, 2008.

Symposium on: A New Approach to Sustainable Chemicals, American Chemical Society meeting, New Orleans, LA, April, 2008.

Symposium on: New Developments in Science, Griffiths Society, University of Missouri, Columbia, MO, April, 2008.

Symposium on: Health Effects of Bisphenol A. Ministry of Health, Ottawa Canada, April, 2008.

Symposium on: Role of Endocrine Disruptors from the Environment in the Aetiology of Obesity and Diabetes. 16th European Congress on Obesity. Geneva Switzerland, May, 2008.

Symposium on: Effects and mechanisms of action of environmental endocrine disruptors on reproduction. Society for the Study of Reproduction meeting,

Kona, Hawaii, May, 2008.

Invited Testimony: Senate environment and energy committee, Springfield Illinois, May, 2008

Symposium on: New Developments in Endocrine Disruptor Research, Gordon Research Conference, Waterville Valley, NH, June, 2008.

Symposium on: Role of Environmental Chemicals in the Fetal Basis of Obesity, NIEHS Sponsored meeting on Obesity, Boston, MA, June, 2008.

Symposium on: New Directions in Science, Science Communication Network meeting, Boston, MA, June, 2008.

Invited Testimony: California Assembly Health Committee, Sacramento, CA, June, 2008.

Symposium on: The Safety of Bisphenol A in Food Contact Applications. Toxicology Forum, Aspen, CO, July, 2008.

Symposium on: Emerging Issues in Water Quality, Planetary Emergencies Meeting, Erice, Sicily, August, 2008.

Symposium on: Health Effects of Chemicals in Plastic, Medical Transcription Meeting, Columbia, MO, September, 2008.

Symposium on: Role of Endocrine Disruptors in Impaired Fertility. Association of Reproductive Health Professionals meeting, Washington, DC, September, 2008.

Invited Testimony: Review of the Safety of Bisphenol A. FDA Science Advisory Panel meeting, Rockville, MD, September, 2008.

Symposium on: Safety of Plastic Water Pipes. WWA Water Quality Meeting, Stevens Point, Wisconsin. September, 2008.

Symposium on: Advancing Green Chemistry and Environmental Health, University of California, Irvine, CA, November, 2008.

Symposium on: Advancing Alternative Approaches to Regulating Bisphenol A, Coming Clean Coalition, Washington DC, December, 2008.

2009

Symposium on: Communicating Environmental Research Findings, Science Communication Network. Washington DC, March, 2009.

Symposium on: Bisphenol A, German Environmental Ministry, Berlin, March, 2009.

Workshop on: Ubiquitous endocrine disrupters and possible human health effects, University of Copenhagen, Copenhagen, Denmark, May, 2009.

Symposium on: Endocrine disruption and risk assessment. Endocrine Disruption Forum, Endocrine Society meeting, Washington, D.C. June, 2009.

Testimony on: Bisphenol A: Proposition 65 hearing, State of California. Oakland, CA, July, 2009.

Workshop on: Next Generation Superfund Contaminants. NIEHS Superfund Basic Research Program, Tuscon, AR, August, 2009.

Symposium on: Co-Chair, Green Chemistry, Planetary Emergencies meeting, Erice, Sicily, August, 2009.

Symposium on: Methods for conducting research on bisphenol A. National Institute of Environmental Health Sciences, Raleigh, NC, October, 2009.

Symposium on: Environmental, Developmental & Epigenetic Modulators of Aging. Univresity of Texas at San Antonio, San Antonio, TX, October, 2009.

Symposium on: Biologically-Active Agents in the Environment, E-Hormone meeting, Tulane University, New Orleans, LA, October, 2009.

Symposium on: Toxicology Open House Plenary Lecture, University of Illinois, Champaign, IL, November, 2009.

Symposium on: NIEHS and The Decade of the Environment, Society of Toxicology meeting, Miami, FL, December, 2009.

2010

Testimony on: Human health hazards posed by bisphenol A. Consumer Affairs Committee, Pennsylvania House of Representatives, January, 2010.

Symposium on: Communicating science to the public. Science Communication Fellows meeting. Washington DC, February, 2010.

Symposium on: Perinatal Programming. University Medicine Berlin, Berlin, Germany, March, 2010.

Symposium on: Exploring Life Sciences. Life Sciences Week, University of Missouri, Columbia MO, April, 2010.

Conference on: Creating healing environments. CleanMen Association, Baltimore MD, May, 2010.

Workshop on: What are the Next Steps to Mitigate the Threats Posed by Contaminants of Emerging Concern? Wingspread Foundation, Racine WI, May, 2010.

Symposium on: The challenge that low-dose adverse effects poses for green Chemistry. 14th Annual green chemistry conference, American Chemical Society, Washington DC, June, 2010.

Conference on: Bisphenol A. National Institute of Environmental Health Sciences. Raleigh NC, September, 2010.

Workshop on: Bisphenol A. World Health Organization, Ottawa, Canada, November, 2010.

Award Ceremony: Global change caused by the impact of human activities and natural processes on the environment. Heinz Foundation, Washington DC, November, 2010

Conference on: Bisphenol A, Science and the Law. Center for Progressive Reform. Washington DC, December 2010.

2011

Symposium on: Neuro-behavioral effects of environmental chemicals. Winter Animal Behavior Conference, Steamboat Springs CO, January, 2011.

Symposium on: Communicating science to the public and media. Science

Communication Fellows meeting. Washington DC, March, 2011.

Symposium on: Green Chemistry and Environmental Health: Principles and Tools for Next-Generation Materials. Advancing Green Chemistry Foundation, Sausalito, CA, March, 2011.

Symposium on: Endocrine disruptors and obesity. National University of Athens, Athens Greece, May, 2011

Symposium on: Role of Environmental Chemical Exposure in the Etiology of Obesity, Type 2 Diabetes and Metabolic Syndrome. European Association for the Study of Obesity (EASO) meeting, Istambul, Turkey. May, 2011.

Symposium on: Bisphenol A and Uraemic Toxins, differentiating facts from fiction. European Renal Association and European Dialysis and Transplant Association, Prague, Czech Republic, June, 2011.

Symposium on: Endocrine Disruptors. Gordon Research Conference on Hormone Action in Development and Cancer. Smithfield, RI, July, 2011.

Symposium on: Ethics in environmental reporting. Association for Education in Journalism & Mass Communication meeting. St. Louis, MO. August, 2011.

Workshop on: Chemicals of Emerging Concern. Planetary Emergencies meeting, Co-Organizer, Erice, Sicily, August, 2011.

Workshop on: Overcoming Barriers For Regulating Environmental Endocrine Disrupting Chemicals. Co-Organizer, St. Louis, MO, September, 2011.

Symposium on: Environmental effects on obesity. International School of Ethology Conference on The Obese Species: Clinical and preclinical understanding of eating and energy balance disorders. Erice, Sicily, October, 2011.

2012

Symposium on: Endocrine disrupting chemicals. National Institute of Environmental Health Sciences. Raleigh, NC, January, 2012.

Symposium on: Misrepresentation of scientific research in the media. Science Communication Fellows meeting. Washington DC, March, 2012.

Workshop on: Collaborative program on bisphenol A. FDA-NCTR, Little Rock, AR, March, 2012.

Workshop on: Non-monotonic dose responses: relevance and implications for food. Pew Foundation, Washington DC, April, 2012

Symposium on: Resolving controversies in endocrine disruption. Gordon Research Conference. West Dover, VT, June, 2012.

Conference on: Keynote address. Fetal programming and environmental exposures: Implications for prenatal care and pre-term birth. New York Academy of Sciences, New York, NY, June 2012.

Symposium on: Exposure to endocrine disrupting chemicals during dialysis, European Dialysis and Transplant Association, Paris, France, June, 2012.

Workshop on: Emerging terrorist chemicals of concern. Co-Organizer, Planetary Emergencies meeting, Erice, Sicily, August, 2012.

Symposium on: Endocrine Disruptors: Low Dose Effects and Non-Monotonic Dose Responses, NIEHS & ANSES meeting, Berlin, Germany, September, 2012.

Workshop on: Green Chemistry: Approaches to premarket testing of chemicals. Advancing Green Chemistry, Tarrytown, NY, October, 2012.

Symposium on: Science & Power, Environmental Health and Justice meeting, Chicago, November, 2012.

2013

Symposium on: Thermal paper as a source of human exposure to BPA and metabolic disruption in mice. Bisphenol A workshop, NIEHS, Raleigh, NC January, 2013.

Symposium on: Developmental Origins of Endocrine Disorders: Impacts of Environmental Exposures, Endocrine Society meeting, San Francisco, CA, June, 2013.

Symposium on: Reproduction, epigenetics and the environment. Nairobi, Kenya, August, 2013.

Symposium on: Bioterrorist threats to water. Co-Organizer. Planetary Emergencies meeting, Erice, Sicily, August, 2013.

Symposium on: Greenwald Symposium on reproduction and regenerative medicine. Kansas City, MO October, 2013.

Symposium on: Endocrine Disrupting Chemicals in Dialysis Equipment and Urinary Tract Symptoms. American Society of Nephrology. Atlanta, Georgia, November 2013.

2014

Symposium on: Endocrine disrupting chemicals. Winter Conference on Brain Research, Steamboat Springs, CO, January, 2014.

Symposium on: Round-table discussion on endocrine disruptors and metabolic disease, Co-Organizer, Parma Italy, May, 2014.

Symposium on: Endocrine disrupting effects of the herbicide glyphosate. Co-Organizer, Planetary Emergencies meeting, Erice, Sicily, August, 2014.

Symposium on: Contamination of water by chemicals in plastic, Tapped: Inside the bottled water industry. Museum of Science, Boston, MA, September, 2014.

Symposium on: Endocrine disrupting chemicals in dialysis equipment. Canadian Association of Nephrology, Niagara Falls, NY, October, 2014.

Webinar on: Pharmacokinetics and health effects of bisphenol A. Collaborative for Health and the Environment. November, 2014.

2015

Webinar on: Environmental Medicine Training: Plastics (BPA and phthalataes), Progressive Medical Education, January, 2015.

Symposium on: Developmental programming of fertility, American Society of Animal Science Triennial Reproduction Symposium, Orlando FL, July 2015.

Workshop on: Contraceptive Conundrum: Effects and Side Effects, Pelegrino Biomedical Ethics program, Georgetown University, Washington DC, August 2015.

Symposium on: Health risks of glyphosate. Co-Organizer, Planetary Emergencies meeting, Erice, Sicily, August, 2015.

Workshop on: Bisphenol A outcomes in CLARITY, NIEHS, Raleigh NC, November 2015.

2016

Symposium on: Bisphenols: Health and regulatory issues, Wisconsin Environmental Health Network, Madison WI, February 2016.

Symposium on: Pollutants and infant development. Co-Organizer, Planetary Emergencies meeting, Erice, Sicily, August, 2016.

Symposium on: History of the field of Endocrine Disruption. NIEHS, Bethesda, MD, September, 2016.

2017

Symposium on: Estradiol and estrogenic chemicals modulate androgen action during prostate development. Hormonal control of prostate development, O'Brien Center Symposium, University of Wisconsin, Department of Urology, Madison WI, May 2017

Symposium on: Predicting the social consequences of ubiquitous exposures to toxic chemicals in water, air and products. Co-Organizer, Planetary Emergencies meeting, Erice, Sicily, August, 2017.

Workshop on: Endocrine Disrupting Chemicals. Raleigh, NC, December, 2017.

2018

Symposium on: Update on findings from CLARITY-BPA. PPTOX meeting, Faroe Islands, May, 2018.

Symposium on: Transgenerational effects of manmade environmental contaminants:

Symposium on: Mechanisms and evolutionary consequences. Co-Organizer, Planetary Emergencies meeting, Erice, Sicily, August, 2018.

2019

Symposium on: Health effects of bisphenols. Environmental Health Symposium, Phoenix Arizona, April, 2019.

Symposium on: Thyroid disruption. Environmental Health Symposium, Phoenix Arizona, April, 2019.

Symposium on: Environmental Obesogens and Metabolic Disruptors, Environmental Health Symposium, Phoenix Arizona, April, 2019.

Workshop on: Endocrine Disruption, HEEDS, Crested Butte, Colorado, July, 2019.

Symposium on: Health and Environment Plenary Session. Co-Organizer, Planetary Emergencies meeting, Erice, Sicily, August, 2019.

CONFERENCE/SYMPOSIUM/WORKSHOP ORGANIZER & CO-ORGANIZER (since 2002)

Workshop on: Impact of endocrine disruptors on brain development and behavior (meeting co-organizer), Ettore Majorana Center for Scientific Culture, Erice, Italy, March, 2002.

Gordon Research Conference: (Conference Chair) Environmental Endocrine Disruptors, Colby-Sawyer College, New London, NH, June, 2004.

NIH Meeting: Variability in contaminants in animal feed. National Institute of Environmental Health Sciences, Research Triangle Park, NC, September 2005.

Workshop on: Variation in feeds. National Institute of Environmental Health Sciences, Research Triangle Park, NC. July, 2006

Symposium on: Plastic contaminants in the ocean. Planetary Emergencies Meeting. Erice, Sicily, August, 2006.

Workshop on: Workshop on global contamination by plastic. Planetary Emergencies Meeting. Erice, Sicily, August, 2006.

Workshop on: Workshop on Bisphenol A. National Institute of Environmental Health Sciences, Research Triangle Park, NC. November, 2006.

Symposium on: Emerging Issues in Water Quality, Planetary Emergencies Meeting, Erice, Sicily, August, 2008.

Symposium on: Green Chemistry, Planetary Emergencies meeting, Erice, Sicily, August, 2009.

Symposium on: Green Chemistry: Integrating Environmental Health and Chemical Innovation. University of Missouri, October, 2010.

Workshop on: Chemicals of Emerging Concern. Planetary Emergencies meeting, Erice, Sicily, August, 2011.

Workshop on: Overcoming Barriers For Regulating Environmental Endocrine Disrupting Chemicals. University of Missouri, September, 2011.

Workshop on: Emerging terrorist chemicals of concern. Planetary Emergencies meeting, Erice, Sicily, August, 2012.

Symposium on: Bioterrorist threats to water. Planetary Emergencies meeting, Erice, Sicily, August, 2013.

Symposium on: Round-table discussion on endocrine disruptors and metabolic disease, Parma Italy, May, 2014.

Symposium on: Health risks of glyphosate. Co-Organizer, Planetary Emergencies meeting, Erice, Sicily, August, 2015.

Symposium on: Pollutants and infant development. Co-Organizer, Planetary Emergencies meeting, Erice, Sicily, August, 2016.

Symposium on: Predicting the social consequences of ubiquitous exposures to toxic chemicals in water, air and products. Co-Organizer, Planetary Emergencies meeting, Erice, Sicily, August, 2017.

Symposium on: Mechanisms and evolutionary consequences. Co-Organizer, Planetary Emergencies meeting, Erice, Sicily, August, 2018.

Symposium on: Health and Envvironment Plenary Session. Co-Organizer, Planetary Emergencies meeting, Erice, Sicily, August, 2019.

INVITED PRESENTATIONS AT UNIVERSITIES (2000-present)

Reproductive Sciences Program, University of Michigan, Ann Arbor, MI, May, 2000.
Toxicology Program, Iowa State University, Ames, Iowa, May, 2000.
Environmental Sciences Program, Arangabad University, Arangabad, India, March, 2001.
Biology Department, Virginia Commonwealth University, Blacksburgh, VA, April, 2001.
Zoology Department, North Carolina State University, Raleigh, NC, May, 2003.
Bioenvironmental Medicine Department, Chiba University, Tokyo, Japan, January, 2004.
Biology Department, Kumamato University, Kumamato, Japan, January, 2004.
Department of Environmental and Molecular Toxicology, North Carolina State University, Raleigh, NC, April, 2004.
Molecular and Environmental Toxicology Center, University of Wisconsin-Madison, April, 2005.
Department of Biology, University of Wisconsin-Madison, April, 2005.
Cancer Center, Massachusetts General Hospital, Boston, May, 2005.
Biology Department, University of Florida, Gainesville, March, 2006.
Lifelong Learning Institute, University of Missouri, April, 2006.
Unitarian Fellowship Forum, Columbia, Missouri, April, 2006.
World Health Organization meeting on hormone residues in beef, Geneva, Switzerland, September, 2006.
Department of Epidemiology, Boston University School of Public Health, Boston MA November, 2007.
Department of Structural Biology, University of South Dakota, Vermillion, SD, October, 2008.
Department of Biology, University of Utah, Salt Lake City, Utah, October, 2008.
Northwest Rotary Club, Columbia, MO, November, 2008.
Reproductive Biology Program, University of Idaho and Washington State University, February, 2009.
Thompson Autism Center, University of Missouri, Columbia, MO, February, 2009.
Copenhagen University Hospital, Postgraduate course on Endocrine Disruptors, Copenhagen, Denmark, May, 2009.
University of Texas Medical Branch, Molecular endocrinology program, Galveston, TX,

November, 2009.
University of Illinois, Toxicology Program, Urbana, IL, November, 2009.
Department of Nutrition and Exercise Physiology, University of Missouri-Columbia, February, 2010.
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Bhandari, R.K., Wang, X., vom Saal, F.S., Tillitt, D.E. Environmentally Induced Transgenerational Health Effects in Fish and Epigenetic Mechanisms. In preparation.

GRADUATE STUDENT ADVISING

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Jane P. Rines (M.A.) 1982. Thesis title: Evidence for behavior masculinization with age in female mice: Influence of in utero development. University of Missouri-Columbia.

Margaret M. McCarthy (M.A.) 1984. Thesis title: Factors influencing infanticide in male and female wild house mice. University of Missouri-Columbia.

Monica M. Montano (M.A.) 1988. Thesis title: Sex differences in fetal corticosterone in mice are eliminated by maternal stress and adrenalectomy. University of Missouri-Columbia.

Mary D. Even (Ph.D.) 1991. Thesis title: Uteroplacental blood flow in the pregnant rat. University of Missouri-Columbia.

Monica M. Montano (Ph.D.) 1991. Thesis title: In vitro and in vivo studies of free, AFP-bound and albumin-bound estradiol in blood: Evidence for uptake and binding in rat brain during sexual differentiation. University of Missouri-Columbia.

Ming-Hseng Wang (Ph.D.) 1991. Thesis title: Effect of maternal age on offspring's sexual development. University of Missouri-Columbia.

Susan C. Nagel (Ph.D.) 1998. Thesis title: The role of serum and the physiology of delivery in determining the bioactive fraction of estradiol and xenoestrogens. University of Missouri-Columbia.

Kristina A. Thayer (Ph.D.) 1999. Thesis title: Prenatal exposure to low doses of estrogen: Reproductive effects in male and female mice and implications for regulation of endocrine disrupting environmental chemicals. University of Missouri-Columbia.

Leanne C. Allworth (M.A.) 1999. Thesis title: Uterine response to estradiol: Low-dose facilitation and high-dose inhibition due to fetal exposure to diethylstilbestrol and methoxychlor in mice. University of Missouri-Columbia.

Kembra L. Howdeshell (Ph.D.) 2002. Thesis title: Effects of exposure to environmentally-relevant levels of bisphenol a on mouse reproductive physiology and maternal behavior. University of Missouri-Columbia.

Catherine M. Sandner (M.A.) 2002. Thesis title: Rodent diets affect reproductive phenotype of mice. University of Missouri-Columbia.

Rachel L. Ruhlen (Ph.D.) 2003. Thesis title: Diets, estrogen environment of the fetus, and development of the reproductive tract and other systems. University of Missouri-Columbia.

Benjamin L. Coe (M.A.) 2006. Thesis title: Obesity: A growing concern about fetal nutrition. University of Missouri-Columbia.

Maren Bell-Jones (M.A.) 2007. Thesis title: Effects and interactions of diet and endocrine distrupting chemicals on the mouse reproductive system. University of Missouri-Columbia.

James R. Kirkpatrick (Ph.D.) 2009. Thesis title: Examination of exogenous estrogenic

chemical exposure and altered fetal nutrition in the CD-1 mouse fetus. University of Missouri-Columbia.

Davide Ponzi (Ph.D.) 2011. Thesis title: Social and psychobiological regulation of the human child hypothalamus-pituitary-axis: an ontogenetic perspective. University of Missouri-Columbia.

Brittany M. Angle (M.A.) 2012. Thesis title: Fetal exposure to low but not high doses of bisphenol A (BPA) increases abdominal fat, impairs glucose tolerance and alters serum hormones in male mice: evidence for nonmonotonic dose-response relationships. University of Missouri-Columbia.

Rylee Phong Do (M.A.) 2012. Thesis title: Different effects of in utero exposure to low vs. high oral doses of di(2-ethylhexyl) phthalate (DEHP) on maternal and fetal testosterone in CD-1 mice. University of Missouri-Columbia.

Annette M. Hormann (M.A.) 2013. Thesis title: Human bisphenol A exposure from thermal cash register receipt paper via dermal transmission and oral ingestion. University of Missouri-Columbia.

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