

JOHN P. GIESY, JR.

CURRICULUM VITAE

July 23, 2005

BORN: Youngstown, Ohio USA; August 9, 1948

CITIZENSHIP: USA

SECURITY CLEARANCES: Q:1974-1976 (SREL); L:1976 -1981 (SREL), 1993-1994 (Midway Island)

LANGUAGES: English, French, German

SCUBA CERTIFICATION: NASDS, 1978

MARRIED: Wife: Susan Elaine Damerell; September 5, 1970
Child: Emily Jean; born December 11, 1979

ADDRESS: Department of Zoology
Natural Science Building, Michigan State University
East Lansing, MI 48824-1222

TELEPHONE: Office: (517) 353-2000 **Home:** (517) 655-1532 or -6181
FAX: (517) 432-1984 **E-MAIL:** JGIESY@AOL.COM

PRESENT POSITION: Distinguished Professor of Zoology, Professor of Veterinary Medicine
Michigan State University

CONCURRENT APPOINTMENTS:

- * Visiting Professor, National Institute of Advanced Industrial Science and Technology (AIST)
- * Institute for Environmental Management Technology (EMTECH), Japan, 2004-Present
- * Adjunct Professor, Department of Veterinary Biomedical Sciences, Western College of Veterinary Medicine, University of Saskatchewan, Saskatoon, Saskatchewan, Canada, 2004-Present
- * Chair Professor at large, City University of Hong Kong, Hong Kong, China; 2003-Present
- * Concurrent Professor: Nanjing University, Nanjing, China; 2003-Present
- * National Food Safety and Toxicology Center; 1997-Present
- * Center for Integrative Toxicology; 1981-Present
- * Ecology, Evolution and Behavior Program Faculty; 1986-Present
- * Center for Hazardous Waste Management; 1990-Present
- * Canadian Studies Center; 1983-Present
- * NIEHS Training Grant Faculty; 1990-Present
- * USDI Water Science Fellow Training Faculty; 1985-Present
- * Preceptor NIH Training Grant (Pathology/Veterinary Medicine); 1981-Present

FINANCIAL SUPPORT:

Education

Laboratory assistant - Alma College - 1967-1970

National Science Foundation Undergraduate Research Fellow - University of Michigan - 1969

Graduate Research Assistant - Michigan State University (Limnology) - 1970 - 1974

North Central Research Grant, Michigan State Agricultural Station - 1972-1974

Research

U.S. EPA, "Fate of cadmium introduced into artificial stream systems". 1975-1976, \$250,000

U.S. EPA, "Cycling of trace contaminants from coal combustion in aquatic ecosystems". 1976-1977, \$ 240,000

U.S. EPA, "Kinetics of Cadmium and Zinc Accumulation and Elimination by Freshwater Crayfish". 1977-1978, \$ 104,000

NSF-RANN, "Microcosms in Environmental Research". 1978-1979, \$6,000

U.S. EPA, "Microcosms in Environmental Research". 1978-1979, \$5,000

National Environmental Research Park (DOE), "Microcosms in Environmental Research". 1978-1979, \$4,500

Electric Power Research Institute, "Microcosms in Environmental Research". 1978-1979, \$4,500

Institute of Ecology, University of Georgia, "Microcosms in Environmental Research". \$1,500

Environmental Protection Agency, "Fates and Biological Effects of Polycyclic AromaticHydrocarbons in Aquatic Systems". 1978-1981, \$1,130,000

Michigan Agricultural Experiment Station "Evaluation of Phosphoadenylate Concentrations and the Adenylate Energy Charge as a General Integrative Measure of Stress in Fish". 1981-1982, \$65,000

NOAA Sea Grant Program, "Lysosomal Enzyme Release Assay (LERA) as a Measure of Stress in Fish". 1982-1985, \$111,000

U.S. Department of Interior Office of Water Resources Technology, "Metal Speciation in Surface Waters of the Great Lakes Region". 1982, \$24,000

Michigan Department of Environmental Quality. "A Strategic Environmental Quality Monitoring Program for Michigan's Surface Waters: Sediments". 1999-2010, \$1,056,800

3M Company. "Perfluorinated Chemicals in the Environment". 1999-2000, \$1,300,000

Michigan Department of Environmental Quality. Surface Water Quality Division. "Temporal Monitoring of Chemical Residues in Michigan Inland Lake Sediments". 1999-2003, \$581,332

Raytheon, Inc. "Distribution of PCBs in Sediments of The Sudbury River, Massachusetts 1999, \$40,000

Great Lakes Protection Fund. "Trophic Level Accumulation of Residues in the Great Lakes". 1999, \$15,000

Kalamazoo River Study Group. "Ecological Risk Assessment of PCB in Sediments of the Kalamazoo River, Michigan". 2000-2003, \$2,119,544

Alkylphenol Ethoxylates Research Council "Concentrations of APEOS and their Degradation Products in Water, Sediments and Fish of Michigan Rivers". 2000, \$25,000

Hercules, Inc. "Assessment of Toxicity of perfluorinated Compounds". 2000, \$75,000

Michigan Great Lakes Protection Fund. "Baseline Characterization of Saginaw Bay Watershed Sediments". 2001, \$77,000

Ecorisk, Inc. "Mechanisms of Action of Atrazine in Adult and Metamorphosing *Xenopus Laevis* And *Rana Clamitans*". 2001-2003, \$769,714

Michigan Department of Environmental Quality. "Dioxins in the Tittabawassee River System". 2002, \$75,000

US EPA. "Use of the H295R Human Adrenocortical Carcinoma Line for Screening for Effects of Compounds on Steroidogenesis". 2002-2004, \$399,998

Dow Chemical Company, Midland, MI. "Ecological Impacts of PCDD/Fs on the Tittabawassee River". 2003, \$326,000

Ciba Specialty Chemicals, Manchester, UK. "Assessment of the Estrogenic Potential of Fluorinated Compounds". 2003, \$15,000

Hong Kong Ministry of Environment. "Application of Biomarkers to Assess Effects of Pollutants in Hong Kong Harbor". 2002-2003, \$104,778

National Institute of Advanced Industrial Science and Technology (AIST), Tsukuba, Japan. "Survey of Concentrations of Perfluorinated Chemicals in the Marine Coastal Waters of China and Korea". 2003, \$32,000