

## **CURRICULUM VITAE**

### **Yudan WEI, PhD, MD, MPH**

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#### **EDUCATION**

**Postdoctoral Fellow in Environmental Health**, August 2003, University of Cincinnati, Cincinnati, OH

**Ph.D. in Toxicological Genetics**, May 2001, Stockholm University, Stockholm, Sweden

**M.P.H. in Environmental Toxicology**, July 1988, School of Public Health, Harbin Medical University, Harbin, China

**M.D. in Preventive Medicine**, July 1985, Harbin Medical University, Harbin, China

#### **PROFESSIONAL EMPLOYMENT**

- Assistant Professor (08/2007-present), Department of Community Medicine, Mercer University School of Medicine, Macon, GA
- Interim Coordinator (10/2006-05/2007), Master of Public Health Program, Fort Valley State University, Fort Valley, GA
- Assistant Professor (09/2003-07/2007), Master of Public Health Program, Fort Valley State University, Fort Valley, GA
- Postdoctoral Fellow (01/2002-08/2003), Department of Environmental Health, University of Cincinnati, Cincinnati, OH
- Postdoctoral Researcher (05-12/2001), National Institute of Environmental Medicine, Karolinska Institute; & Department of Genetics, Stockholm University, Stockholm, Sweden
- Ph.D. Researcher (1997-2001), Department of Genetic and Cellular Toxicology, Stockholm University; & National Institute of Environmental Medicine, Karolinska Institute, Stockholm, Sweden
- Visiting Scholar (1994-1996), Department of Genetic and Cellular Toxicology, Stockholm University; & Department of Toxicology and Chemistry, Swedish National Institute of Occupational Health, Stockholm, Sweden
- Toxicologist (1988-1994), Department of Toxicology, Beijing Center for Disease Prevention and Control, Beijing, China

#### **MAJOR TEACHING ACTIVITIES**

- MD courses tutored:
  - Evidence-Based Medicine
  - Community Medicine I

- Community Medicine II
- MPH courses taught:
  - Environmental Health
  - Environmental Microbiology
  - Physiological Toxicology
  - Environmental Health Hazard Management
  - Environmental Pollution
  - Environmental Analysis
- Supervised graduate students for their practicum and research theses in public health as major advisor.

### **RESEARCH INTERESTS**

- Environmental factors and human health effects
- Cancer development in relation to genetic polymorphism and environmental exposures
- Receptor-dependent regulation of gene expression
- Molecular mechanisms of environmental chemical-elicited biological effects
- Environmental risk assessment and intervention

### **PROFESSIONAL ORGANIZATIONS**

- American Public Health Association (APHA), Full Member
- American Society of Toxicology (SOT), Full Member
- Sigma Xi, The Scientific Research Society, Full Member

### **SELECTED RESEARCH PAPERS AND PRESENTATIONS**

- **Wei Y.-D.**, Freeman C.L. and Latimore M. Reducing lead levels in the contaminated soils by phytoextraction using sunflowers. *Society of Toxicology 47<sup>th</sup> Annual Meeting, Seattle, Washington, USA, March 16-20, 2008.*
- Smith Jr. J.H., **Wei Y.D.** and Chen F., Impact of state tobacco control policies on adult cigarette use in the State of New York. *American Public Health Association 135<sup>th</sup> Annual Meeting & Exposition, Washington, DC, USA, November 3-7, 2007.*
- **Wei Y.D.** and Chen F., Arsenic exposure in drinking water and cardiovascular disease: A systematic analysis of epidemiologic data. *National Environmental Public Health Conference, Atlanta, GA, USA, December 4-6, 2006.*
- Chen F., **Wei Y.D.** and Bina W.F., Necessity to regulate formaldehyde yields in cigarette smoke. *American Public Health Association 134<sup>th</sup> Annual Meeting & Exposition, Boston, MA, USA, November 4-8, 2006.*
- **Wei Y.-D.**, Tepperman K., Huang M.Y., Sartor M.A. and Puga A. (2004) Chromium inhibits transcription from polycyclic aromatic hydrocarbon-inducible promoters by blocking the release of histone deacetylase and preventing the binding of p300 to chromatin. *The Journal of Biological Chemistry*, 279(6):4110-4119.
- Puga A., Sartor M.A., Huang M.Y., Kerzee J.K., **Wei Y.-D.**, Tomlinson C.R., Baxter C.S. and Medvedovic M. (2004) Gene expression profiles of mouse aorta and cultured vascular

smooth muscle cells differ widely, yet show common responses to dioxin exposure. *Cardiovascular Toxicology*, 4(4):385-403.

- Puga A., Marlowe J., **Wei Y.-D.** and Chang X.Q., Modulation of cell cycle progression by environmental agents: chromatin remodeling through interactions of the Ah receptor with RB and E2F. *Chromatin Structure and Gene Expression Mechanisms as Therapeutic Targets, Luxembourg, Luxembourg, January 28-31, 2004.*
- Öberg M., **Wei Y.-D.**, Rannug A. and Håkansson H. (2001) Influence of light on the CYP1A1 activity in rat hepatoma cells. *Organohalogen Compounds*, 53:408-410.
- **Wei Y.-D.**, Bergander L., Rannug U. and Rannug A. (2000) Regulation of CYP1A1 transcription via the metabolism of the tryptophan derived 6-formylindolo[3,2-b]carbazole. *Archives of Biochemistry and Biophysics*, 383(1):99-107.
- **Wei Y.-D.**, Rannug U. and Rannug A. (1999) UV-induced CYP1A1 gene expression in human cells is mediated by tryptophan. *Chemico-Biological Interactions*, 118(2):127-140.
- Rannug A., **Wei Y.-D.** and Rannug U. (1998) The Ah receptor agonist 6-formylindolo[3,2-b]carbazole functions as a chemical messenger of light. *Organohalogen Compounds*, 37:37-39.
- **Wei Y.-D.**, Helleberg H., Rannug U. and Rannug A. (1998) Rapid and transient induction of CYP1A1 gene expression in human cells by the tryptophan photoproduct 6-formylindolo[3,2-b]carbazole. *Chemico-Biological Interactions*, 110:39-55.

### **MAJOR PROFESSIONAL ACTIVITIES AND SERVICE**

- Editorial Board, Journal of the Georgia Public Health Association (2007-present)
- Served on the MD Curriculum Committee, Department of Community Medicine, Mercer University School of Medicine (2007-present).
- Served on the Search Committees at Fort Valley State University (2004-2006).
- Served as a Member of Graduate Council, Fort Valley State University (2004-2007).
- Served on the John W. Davison Outstanding Teacher Award Committee, Fort Valley State University (2006).
- Served on Fort Valley State University's Human Subjects Committee (2006-2007).
- Served the Crawford, Peach and Taylor Rural Health Network Committee (2004-2006).
- A faculty member for community-based participatory research in health disparities initiative (2004-2007).
- Board of Directors, Consortium of African American Public Health Programs (2006-2007).
- The University System of Georgia Administrative Committee on Public Health (2006-2007).