

### BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2. Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME James W. Platner, Ph.D., CIH	POSITION TITLE Associate Director for Science and Technology
eRA COMMONS USER NAME (credential, e.g., agency login)	

EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)

INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
Johns Hopkins University	B.A.	[REDACTED]	Biophysics
University of Rochester School of Medicine	M.S.		Radiation Biology
University of Rochester School of Medicine	Ph.D.		Radiation Biology/ Toxicology
American Board of Industrial Hygiene	C.I.H.		Industrial Hygiene

### RESEARCH AND PROFESSIONAL EXPERIENCE:

#### Positions and Honors.

- 1982-1986 **Adjunct Faculty**, Occupational Safety & Health, Cornell University Industrial & Labor Relations Extension, Rochester, New York. Taught courses in occupational safety and health and OSH regulations and law. Published a training guide and curricula, and reference guide.
- 1986-1989 **Director**, Chemical Hazard Information Program, Cornell University Industrial & Labor Relations Extension, Buffalo, New York. Obtained funding, established and staffed office, developed materials and taught courses.
- 1995-1997 **Co-Director**, Work and Environment Initiative, Cornell University Industrial & Labor Relations Extension, Ithaca, NY. Coordinated international conference and programming on labor union environmental initiatives.
- 1990-1998 **Director**, Occupational Safety and Health Extension Program, Cornell University Industrial & Labor Relations Extension. Provided training and technical assistance through 6 regional offices across New York State including credit and non-credit courses and 18 credit certificate in occupational safety and health. Developed internet-based training and educational materials dissemination site.
- 2003-present **Adjunct Faculty** National Labor College at the George Meany Center, Silver Spring, MD. Industrial hygiene.
- 1999-present **Associate Director for Science & Technology**, CPWR: The Center for Construction Research and Training, Silver Spring, MD. Provide technical oversight and coordination of internal and external occupational injury and disease prevention intervention research and training and conduct applied research. Co-chair of the CPWR Institutional Review Board for Human Subjects Research, and responsible for scientific integrity assurance. CPWR is the non-profit research institute of the Building and Construction Trades Department, AFL-CIO.

#### Non-Research Positions

- 2002 Instructor, OSHA #222A Respiratory Protection Course, OSHA Training Institute Reg. #3 Educ. Center
- 2001 Instructor, OSHA #226 Permit Required Confined Space Entry, OSHA Training Inst. Reg #3 Educ. Ctr.
- 2001-present Master Instructor, OSHA #521 OSHA Industrial Hygiene, OSHA Training Inst. Reg. #3 Educ Ctr.
- 1995-2000 Listowner and established the email listserv GlobalOccHyg-list@aiha.org
- 1997-1999 Listowner and established the email listserv LaborActionNY-L@cornell.edu which hosts discussions of labor union activists in New York State with Midstate and Syracuse Central Labor Councils.
- 1998 Participated in Ford Foundation funded team to assess occupational and environmental safety and health and hazard assessment resources in the Dominican Republic.
- 1992, 1994, 1997 Representative of AIHA in review of industrial hygiene and occupational hygiene programs in Poland at the invitation of the Polish National Labor Inspectorate and Silesia University. Assisted in the development of a postgraduate certificate in industrial hygiene.

- 1994,1996, 1997 Instructor and representative of the AIHA and International Commission on Occupational Health in “Advanced Industrial Hygiene” training programs in Bombay, Calcutta, and Delhi, India sponsored by ILO, INTUC, Coal India, Steel Authority of India, Indian Occupational Health Association and in development of a Masters in Industrial Hygiene.
- 1997 Representative of the International Occupational Hygiene Assoc.(IOHA) in development of Occupational Safety and Health 10-Year Strategic Plan for the Pan American Health Organization (PAHO)
- 1975-6 Member, Seafarers International Union and Ordinary Seaman/U.S. Merchant Marine, Calmar Ship Lines, Baltimore, MD
- 1975 Rigger, Bethlehem Baltimore Ship Repair Yards, Baltimore, MD

### **Honors and Service**

- 2012-2015 Member NIOSH Board of Scientific Counselors
- 2011-12 Nat. Academies Transportation Research Board Committee: Worker Safety on Offshore Wind Farms
- 2011 International Labor Organization (ILO) Research Consultation on Hazardous Child Labor
- 2010-present Member NIOSH NORA Construction Sector Council
- 2010-present Member Board of Directors, Safety Equipment Institute (SEI) (volunteer)
- 2009-10 National Academies of Science IOM, Committee on Certification of Personal Protective Technologies
- 2009 Fellow of the American Industrial Hygiene Association
- 2009-2011 Advisory Board, More than Training Workers’ Rights Center, University of Illinois, Chicago, IL
- 2009-present NIOSH Cross-sector work groups on Prevention through Design, Health Disparities, and Management Systems
- 2008-present AIHA Work Group on Green Buildings
- 2008-9 Conference Planning Committee-Healthy Aging for Workers: Anticipating the Occupational Safety and Health Needs of an Aging Workforce
- 2008-9 Chair AIHA Control Banding Work Group
- 2007-present American Industrial Hygiene Assoc Working Group on BSI OHSAS 18001, 18002, and ANSI/ISO/ASQ 19011s Audit Standard
- 2006 National Academies of Science IOM, Committee on the Review of the National Institute of Safety and Health/Bureau of Labor Statistics Respirator Use Survey Program
- 2005-9 National Academies of Science IOM, Committee on Personal Protective Equipment in the Workplace
- 2005-present American National Standards Institute (ANSI/ASSE) A-10 Committee on Construction & Demolition Safety
- 2005-2006 NIEHS/National Toxicology Program Scientific Counselors Working Group on Nanotechnology
- 2004 NIOSH planning committee for Immigrant Worker Health Conference
- 2003-present FDA Technical Electronic Product Radiation Safety Standards Advisory Committee
- 2002-3 National Research Council Committee on Communicating Occupational Safety and Health Information to Spanish Speaking Employers and Employees
- 2000-2005 Advisory Board – Southwest Occup. & Envir. Health Research Center, Univ. of Texas SPHS.
- 2001-present American National Standards Institute (ANSI/AIHA) Z-10 Committee – Occupational Health & Safety Management Systems Standard
- 2001-2003 National Safety Council Hispanic Forum Planning Committee
- 2000 Advisory Board Electronic Library of Construction Occupational Safety and Health (ELCOSH)
- 2000 AIHA Safety in Procurement & Contracting Task Force
- 2000 AIHA Task Force on Sweatshops and Exploitative Employment
- 2000-2005 ACGIH Construction Committee & AIHA Construction Committee
- 1999-present Editorial Review Board, *Occupational Hazards* magazine
- 1997-1998 President New York Industrial Hygiene Council representing the 5 AIHA local sections in NY
- 1998-9 Member AIHA Task Force to develop a compendium of best practices and standards
- 1997 Chair, American Industrial Hygiene Association International Affairs Committee, founding member.

### **Selected peer-reviewed publications or manuscripts (in chronological order).**

Epstein B, Meeker J, Susi P, McInnis J, Platner JW. Ch. 47 Industrial Hygiene Issues in Construction. The Occupational Environment: Its Evaluation, Control, and Management, 3<sup>rd</sup> edition. ed. Daniel H. Anna. AIHA Press ©2012.

- National Academies IOM [2011]. Certifying Personal Protective Technologies: Improving Worker Safety. The National Academies Press. Washington, DC.
- Dong, X. and Platner, James W. Occupational Fatalities of Hispanic Construction Workers from 1992 to 2000. Am. Journal of Industrial Medicine. 45(1): 45-54; 2004.
- Platner, James W. and X. Dong. Impacts of Digital Information Networks on Construction Contractors & Unions, Journal of Labor Research. 23(4): 575-589; 2002.
- Murawski, JA., Susi, P., Platner, JW. Industrial Maintenance and Rehabilitation: Construction in the Pulp and Paper Industry. Applied Occupational and Environmental Hygiene 17(8): 534-535; 2002.
- Louis J. Coletti, Edward J. Malloy, Jeffrey Grabelsky, and James Platner. Labor-Management Partnership at the World Trade Center Emergency Project. Perspectives on Work 6(1): 10-12; 2002.
- Platner, James W. Industrial Hygiene at the World Trade Center Disaster. Applied Occupational and Environmental Hygiene 17(2): 84-85; 2002.
- Platner, James W. and Gordon McClelland [Http://ext.cornell.edu/labor/ocaw/](http://ext.cornell.edu/labor/ocaw/) Internet-based steward's training program for the Oil, Chemical and Atomic Workers Union; 2000.
- Platner, James W. Defining Action Alternatives for Addressing Occupational & Environmental Health Hazards: With References to the Dominican Republic. in "Proceedings: The Future of the Latin American City: Rebuilding Communities and Landscapes" Cornell University Department of Urban Planning; 1999.
- Platner, James W. Occupational Hazards in Waste Disposal. In ILO Occupational Safety and Health Encyclopaedia. International Labor Organization, Geneva, Switzerland; 1997.
- Platner, James W. and I.L. Feitshans. Integrating Occupational Safety and Health into Corporate Compliance Programs: Joint Health and Safety Committees and Employee Involvement. Chapter in: Bringing Health to Work, I.L. Feitshans (editor). Emalyn Press, New York; 1997.
- Platner, James W. Hazard Communication in Construction: A Train-the-Trainer for Apprentice Instructors. New York State Building Trades Council; 1993, updated 1995.
- Platner, James W. and Grabelsky, J. UBC Comprehensive Stewards' Training Program: Curriculum Module on Safety and Health in Construction. United Brotherhood of Carpenters Int., Washington, DC; 1991.
- Platner, James W. and Paul E. Morrow. Altered Clearance of 99m-Tc-Pentetate Aerosols Following Exposure to Cadmium Chloride Aerosols. Experimental Lung Research. 15:77-91; 1989.
- Platner, James W. Altered Clearance of 99m-TC-Pentetate Aerosols Following Exposure to Ozone or CdCl<sub>2</sub> Aerosols (Ph.D. Thesis) 1987; University of Rochester School of Medicine and Dentistry, Rochester, New York.
- Mariglio, Joseph, Mark J. Utell, Paul E. Morrow, James W. Platner. Endogenous Oral Ammonia Inhibits Sulfuric Acid Aerosol Induced Bronchoconstriction in Exercising Asthmatics. Thorax; 1986.
- Williams, Wessley M., James Platner, Solomon M. Michaelson. Effect of 2450 MHz Microwave Energy on the Blood-Brain Barrier to Hydrophylic Molecules. C. Effect on the Permeability of [14C]sucrose. Brain Research Reviews. 7:183-190; 1984.
- Platner, James W. Training in Workplace Chemical Hazards. Teaching Manual, guide to available resources and course outlines. Cornell University, School of Industrial & Labor Relations; 1984.

#### **D. Research Support**

##### **09-01-2009 to 08-31-2014 CDC/NIOSH Construction Center Cooperative Agreement [REDACTED]**

Co-Principal Investigator and Associate Director for Science and Technology

Coordinate and oversee internal and external research activities within a large national research consortium.

Review of progress, planning and research development. Individual research activities:

- PI – "Construction Solutions" research to practice databank development and evaluation

##### **07-01-2004 to 06-30-2009 NIOSH Construction Centers Cooperative Agreement [REDACTED]**

Co-Principal Investigator and Associate Director for Science and Technology

##### **12-01-2010 to 01-31-2012 DOE National Building Trades Medical Screening Program [REDACTED]**