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Assistant Professor

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See page 3 for non-school contact information. Please do not contact me through NIU for items unrelated to University matters.

Education

- B.A. Chemistry, Loyola University of Chicago
- M.S. Public Health (Industrial Hygiene), University of Illinois at Chicago, School of Public Health
- Ph.D. Public Health (Industrial Hygiene), University of Illinois at Chicago School of Public Health

Research Interests

Chemical Skin Exposures and Controls, Environmental Risk Communication, Chemical Exposure Guidelines

Work Experience

- Department of Technology, NIU (2011-present)
- University of Illinois at Chicago School of Public Health, Adjunct Assistant Professor and other appointments (1980-present)
- Industrial Hygiene and Safety Consultant to over 400 companies: OSHA compliance, environmental disasters, safety program and training development, and consulting on litigation-related occupational/environmental exposures (1990-present)
- Benedictine University, Instructor, Public Health (half-time 2005-2009)
- Corporate head of Safety and Industrial Hygiene, Commonwealth Edison (1980's)

Professional Associations and Honors

- Threshold Limit Values Chemical Substances Committee, American Conference of Governmental Industrial Hygienists. Member Candidate. Develops workplace exposure guidelines used worldwide. (2012)
- Certified Industrial Hygienist (CIH), #2772, Comprehensive Practice, American Board of Industrial Hygiene (1984, renewed through June 1, 2013)

- Licensed Industrial Hygienist, State of Illinois, Environmental Protection Agency (February 2011)
- Industrial Hygiene Core Competency Project, Academy of Industrial Hygiene. Committee is developing worldwide core competencies for industrial hygienists (2009-present)
- Occupational Medicine Residency Program, University of Illinois at Chicago, Advisory Committee (1988-present)
- American Conference of Governmental Industrial Hygienists, National Board of Directors (2008-2010)
- American Industrial Hygiene Association - Chicago Section. Board Member (1986-1989, 1994-1995)
- National Safety Council, Industrial Division, Occupational Health Hazards Committee. Member (1983-1984), Chairman (1985-1987)

Research Grants at NIU

- **Safety and Industrial Hygiene Assessment and Controls for Aluminum Recycling and Smelting Operations**, \$13,350, Midwest region company (2011)
- **Practices for Preventing Skin Exposures to Isocyanates and MOCA**, \$4800, Polyurethane Manufacturers Association (2011)
- **MOCA (4, 4' methylene-bis-orthochloroaniline) Handling and Skin Exposure**, \$8,657, Texas polyurethane processing company (2011)
- **Workplace Safety and Dermal Exposure Control Program**, \$12,000, Suburban Chicago polyurethane processing company (2011)
- **Safety Management and Safety Training**, \$6000, Joliet area cheese company (2011)

Previous Research Grants

- **MBOCA Handling Practices of PMA Members** (at Benedictine University), Principal Investigator, \$30,000. Polyurethane Manufacturers Association (2009)
- **Personal Protection Management Program** (at Commonwealth Edison), Project Manager and Principal Investigator, \$278,000. Electric Power Research Institute (EPRI RP#2705-6) (1987-1988)
- **Personal Protection Used in Nuclear Power Plants** (at Commonwealth Edison), Co-investigator, \$175,000. Electric Power Research Institute (EPRI RP#2705-1) (1985-1986)

Selected Publications and Conference Papers

- Gonsler, M. (NIU CEET), Hogan, T.J., **Arc Welding Health Effects, Fume Formation Mechanisms, and Characterization Methods**, Chapter in **Arc Welding**, Wladislav Sudnik, Editor, InTech Publishing, Rijeka, Croatia (ISBN 978-953-307-642-3) (December 2011)

- Watson, A. (NIU undergrad), Hogan, T.J., **Putting Dermal Exposure Control in Workers Hands**, Professional Conference on Industrial Hygiene, Baltimore (2011)
- Hogan, T.J., **Assessing Effectiveness of Dermal Exposure Control Work Practices in the Castable Polyurethane Industry**, presentation at Occupational and Environmental Exposure of the Skin to Chemicals Conference, Toronto, June 2011.
- Hogan, T.J., Fowle, C., Mamani, M., **Effectiveness of Voluntary Work Practice Guidelines in Reducing Dermal Exposures**, presentation at American Industrial Hygiene Conference & Expo, Denver (2010)
- Hogan, T.J., **Ensuring Effective Risk Communication Before and During a Disaster**, chapter in **Emergency Management in Higher Education**, Publisher: Public Entity Risk Institute (ISBN 978-0-9793722-1-6) (2008)
- Hogan, T.J., **Elements and the Skin**, (Session Arranger), American Industrial Hygiene Conference & Expo, Chicago (2006)
- Hogan, T.J., **Picking the ‘Right’ Glove is Wrong**, presentation at American Industrial Hygiene Conference & Expo, Dallas (2003)
- Hogan, T.J., **Case Study Carcinogens: The MBOCA Example**, **American Industrial Hygiene Association Journal**, (August 1993)
- Hogan, T.J., **Foreword**, and revisions to **Particulate Matter**, and **Temperature Extremes**, Chapters in **Fundamentals of Industrial Hygiene**, National Safety Council, 3rd Ed. (1988)
- Hogan, T.J., **Safety Procedures in Photography**, section in book **The New Photography**, Reeve, K., and Sward, Prentice Hall (1984)
- Main, D., and Hogan, T.J., **Health Effects of Low Level Exposure to Formaldehyde**, **Journal of Occupational Medicine** (December, 1983)
- Wadden, R.A., Allen, R.A., Scheff, P.A., and Hogan, T.J., **Aerosol Size Characteristics in Chicago Air**, **Proc. 5th International Clean Air Congress** (1980)

Student-Engaged Learning

- **Metal Processing Material Handling Safety**, Tech 441, Fall 2011. Tech 440, Spring 2012. DeKalb area company
- **Industrial Hygiene Sampling and Chemical Exposure Control Program**, Tech 437, Fall 2011. Tech 440, Spring 2012. Suburban Chicago company
- **Senior Design Project: Chemical Processing Equipment**, Tech 477, Tech 478, 2011-2012. Suburban Chicago company

Private consulting contact information

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