

MICHAEL A. PINTO

EMPLOYMENT

Chief Executive Officer, Wonder Makers Environmental, Inc.; Kalamazoo, Michigan 02/1989 – present
Accountable for the technical direction and overall successful operation of a multi-faceted corporation. Primary responsibilities include new product and service development, training, consultation, publications, and client assistance.

Pastor, Lacota United Methodist Church, Lacota, Michigan 02/2006 – present
Part-time local pastor responsible for developing, leading worship services, and congregation care.

Training Director, DeLisle Consulting and Laboratories; Kalamazoo, Michigan 07/1987 – 02/1989
Primary duties included development, marketing and instruction of numerous training programs including courses open to the public as well as those presented on a contractual basis. Other activities included coordination and implementation of staff training, development of professional papers and presentations in order to establish company reputation as a leader in the industrial hygiene field, guest columnist and contributing editor to various technical publications.

Executive Director, Safety Council for Southwest Michigan; Kalamazoo, Michigan 11/1985 – 06/1987
Managed the daily control of the Council, including office and staff management and response to a vast array of safety and health questions from over 200 member firms. Provided member services such as advisory workplace tours, basic industrial hygiene monitoring, and safety talks to worker or management groups. Administrative responsibilities spanned marketing and membership recruitment, fund-raising, program development, conference coordination, budgeting, accounting and public relations.

Manager, Labor Department, National Safety Council; Chicago, Illinois 03/1982 – 11/1985
Provided technical and administrative assistance to worker groups and employers on occupational safety and health problems, as well as acting as a liaison to other Council program areas. Author of book, *Protecting Workers' Lives*, and a related home study course. Developed Joint Safety and Health Committee Training Course and served as a program instructor. Worked closely with international and local unions, federal safety administrators, academic institutions, and local safety councils. Served as Council Fire Marshal; ad-hoc advisor on traffic safety and defensive driver programs; member of employee and salary review committee.

Grant Administrator, Michigan Department of Labor, Lansing, Michigan 03/1980 – 03/1982
Managed the implementation of a \$536,000 annual Safety Education and Training (SET) Grant Program. Primary responsibilities included development and distribution of Request for Proposals, project selection, contract negotiations, financial administration, monitoring of project progress and response to legislative review.

Analyst, Michigan Department of Labor, Lansing, Michigan 10/1978 – 03/1980
Developed research methodology for evaluation of state-wide Worker Incentive (WIN) program, general analysis of Workers Compensation and OSHA injury data to identify emerging trends, translated data to management tools or public information through reports and training sessions, addressed questions from safety inspectors and training consultants.

EDUCATION

Completed course work in Environmental Engineering, Kennedy Western University, June 1996
Coursework included environmental economics, wastewater management and remediation engineering.

Master's in Public Administration, Western Michigan University, December 1981

Coursework included economic analysis, political organization, program implementation and evaluation, computer concepts and general management.

Bachelors of Arts & Sciences, Western Michigan University, April 1978

Philosophy, minors in Business Law and History; Magna Cum Laude from the Honors College

CERTIFICATIONS

- Certified Safety Professional by the Board of Certified Safety Professionals
- Safety Management Specialist by the Board of Certified Safety Professionals
- Certified Mold Professional by the Restoration Industry Association
- Certified Forensic Restoration Operator by BioPTO
- Fire Loss Specialist certified by the Restoration Information Association
- Registered Third Party Evaluator by the International Dry Standard Organization Brands
- Accredited Mold Assessor by the State of Florida Department of Business and Professional Regulation
- Asbestos Instructor Certification in Michigan and other states
- Michigan Accredited Asbestos Abatement Supervisor, Inspector, Project Designer and Management Planner
- Polarized Light Microscopy and Phase Contrast Microscopy Analyst
- Lead Abatement Instructor by the State of Michigan
- Lead Renovation, Repair, and Painting (RRP) instructor approved by the EPA, States of Georgia, Ohio, Illinois, Alabama, and North Carolina
- Instructor for Mold Remediation Courses approved by Restoration Information Association
- Instructor for Mold Remediation Contractor courses by the State of New York
- Formerly accredited Instructor for Mold Remediation by the Texas Department of State Health Services

PROFESSIONAL ACHIEVEMENTS

- Editor for the Restoration Industry Association's (RIA) *Guidelines for Professional Forensic Restoration*
- Peer reviewer of the IICRC S520 *Standard and Reference Guide for Professional Mold Remediation, 3rd Edition*
- Peer reviewer of the Certified Restorer course material for the Restoration Industry Association
- Lead author on the FEMA Fact Sheet *Cleaning Flooded Buildings* after Hurricane Sandy
- Contributor to Best's Underwriting Guide for Restoration Firms, July 2009
- Member of FEMA Mitigation Assessment Team to assess environmental damage to flooded structures in New Orleans following Hurricanes Katrina and Rita
- Professional Member, American Society of Safety Engineers (Charter Member, I.H. Division)
- Member, American Industrial Hygiene Association
- Participated in development of IICRC S-520 *Standard and Reference Guide for Professional Mold Remediation*
- Contributor to IICRC S500 *Standard and Reference Guide for Professional Water Damage Restoration, 2nd Edition*
- Continuous Improvement Award for indoor air quality advancements from the Southwest Michigan Quality Council
- Instructor for the Restoration Industry Association (RIA), an international association. Over 180 classes taught in the United States, Canada, United Kingdom, and Australia.
- Member of various ASTM committees
- Member, Restoration Industry Association

TRAINING PROGRAMS DEVELOPED

- Certified Forensic Operator, 2017

- Certified Supervisors Course for the Environmental Contractors Association, 2016
- Certified Environmental Safety Awareness Course for the Environmental Contractors Association, 2016
- EBOLA Clean-up training program for the Environmental Contractors Association, 2015
- Cleaning Up Clandestine Methamphetamine Laboratories, 2006
- Designing Mold Work Plans, 2003
- Mold Inspector, 2003
- Certified Mold Professional, 2002
- Mold Remediation Specialist, 2002
- Mold Remediation Technician, 2001
- A Comprehensive Approach to Mold Remediation, 2001
- Short and Long Term Dangers Associated with Water Intrusion, 2000
- IAQ Investigations for Factories, 1997
- Conducting Indoor Air Quality Investigations, 1996
- Blood Borne Pathogens, 1995
- Building Owners' Responsibilities under the new OSHA Asbestos Standard, 1994
- Eleven Easy Steps to Lead Control, 1993
- Lead Training for the Construction Industry, 1993
- Lead Awareness for Industry, 1993
- Identifying and Dealing with Environmental Hazards, 1992
- Industrial Lead Control, 1992
- Asbestos Abatement: Keeping the Boom from Going Bust, 1991
- Managing Asbestos Without Getting Burned, 1991
- Asbestos Removal from Hot Pipes, 1990
- Monitoring Asbestos Abatement Projects, 1989
- AHERA Designated Persons Course, 1988
- Asbestos Operations and Maintenance Program
- Building Inspectors/Management Planners, 1988
- Asbestos Abatement: The Hands-On Approach, 1987
- Small Business Safety and Health, 1986
- Asbestos Removal, 1986
- Hazard Communication, 1985
- Safety Committee for Sherwood, 1984
- Defensive Driving for Emergency Vehicles, 1983
- Protecting Workers' Lives, 1983
- Understanding the SET Grant Program, 1980
- Ten Easy Steps to MIOSHA Recordkeeping, 1979

ACCOMPLISHMENTS

- Co-author of published clearance criteria for mold remediation projects
- Inventor of the Mold-Away fungal contamination control system
- Developed Baxter/Pinto Guidelines for Verification of Water Restoration Effectiveness
- Inventor of the Wonder-Air bioaerosol sampling system
- Developed the Pinto Protocol lead sampling system
- Inventor of the Wonder Makers Asbestos Bulk Sampling system

AUTHOR

- *Forensic Restoration: Procedures to Protect Operators and Occupants*, 2017
- *Lazarus, Come Forth*, 2012

- *Fungal Contamination: A Comprehensive Guide for Remediation*, 2001; 2nd edition, 2008
- Chapter author, *Microbial Contamination in the Water Loss Specialist* textbook, 2004
- *The Twin: A Novel about Thomas the Apostle*, 2003
- *Chemical Reagents for the Identification of Lead in Paint*, Ph.D. dissertation, 1995
- *Joint Safety and Health Committee Training Course*, Chicago: National Safety Council, 1985
- *Protecting Worker's Lives*, Chicago: National Safety Council, 1983

TECHNICAL PUBLICATIONS

Over 220 publications accepted by technical journals and magazines, including:

- "Asbestos Abatement Techniques Were Key to the Mold Remediation Industry" *Restoration & Remediation* / August 2020
- "Know When to Say No in Mold Remediation Projects", *Restoration & Remediation* / January 2017
- "What Should A Restoration Contractor Do When Faced With Odors?", *Cleaning and Restoration* / February 2016
- "Hydroxyl Radical Generators for IAQ Issues: Do They Work, Are They Safe?" *Healthy Indoors* / February 2015
- "The New K-12 Clean Standard: What Does It Mean for You?" *Cleaning Specialist* / February 2014
- "Rebuilding After Restoration for Sensitized Occupants" *Cleaning and Restoration* / July 2013
- "Mold Testing: The Old, The New, The Useful" *Cleaning and Restoration*, March / April 2012
- "The Answer to the Mold Illness Question: All of the Above" *Cleaning and Restoration*, January 2012
- "Hydroxyl Radical Generators: Hype or Reality?" *Cleaning and Restoration*, November / December 2011
- "Medical Evidence Connecting Mold Exposure to Illness Continues to Build" *Cleaning and Restoration*, November / December 2011
- "The Complication of Garbage in Remediation and Restoration Cases" *Cleaning and Restoration*, October 2011
- "Environmental Hazards from Floods, Hurricanes and Tornadoes" *Cleaning and Restoration*, September 2011
- "Water-Stained Ceiling Tiles: More Than an Eyesore" *Robyn newsletter*, September 2011
- "The Hidden Hazards of Compact Fluorescent Lights—Part 2" *Cleaning and Restoration*, August 2011
- "The Hidden Hazards of Compact Fluorescent Lights—Part 1" *Cleaning and Restoration*, July 2011
- "ACOEM and Mold—Behind the Times or Simply Biased?" *Cleaning and Restoration*, June 2011
- "Radiation Basics for Restoration Professionals" *Cleaning and Restoration*, May 2011
- "Hydroxyl Radicals: Hype or Reality" *Adjuster Insights*, May 2011
- "An Environmental 'Mash-Up' - Part 4: A Link Between Asthma and Fungus in the Lungs – World Health Organization Sets New Guidelines" *Cleaning and Restoration*, March / April 2011
- "Seeing the Big Picture of Infection Control" *Cleaning and Restoration*, January-April 2008
- "Disaster Response: Safety & Health Guidelines for Volunteers" *Professional Safety*, October 2007
- "Preparing for a Bird Flu Pandemic: Serious or Silly?" *Indoor Environment Connections*, September 2006
- "Do People Really Get Sick from a Little Mold in Their House?" *Cleaning & Restoration*, September 2005
- "Mold Clean-up Projects: Post-remediation criteria are crucial to success", *Professional Safety*, November 2004
- "Stachybotrys Exposure and Psychotic Disorders: Is exposure to mold making us crazy?" *Columns -- Mold*, August 2003
- "Understanding the Differences Between Anecdotal Data and Scientific Research from a Legal Perspective" *Columns – Mold*, June 2003
- "Deposition of Airborne Spores on Surfaces: The forgotten aspect of mold remediation" *Restoration Express*, Fall 2002
- "The Debate Over Use of Encapsulants on Mold Jobs" *Indoor Environment Connections*, September 2001
- "Why Are Indoor Air Quality Problems So Prevalent Today?" *Occupational Hazards*, January 2001
- "Home IAQ Remedies: A Logical Progression of Choices" *EHS Solutions*, July 2000

ASSISTANCE TO THE INDUSTRY

- Environmental Information Association, Emeritus Board, 2018
- BioPTO Board of Directors, 2016
- Cleaning Industry Research Institute, Board of Directors, 2015
- Restoration Industry Association, Environmental Council Chairperson, 2014
- Indoor Air Quality Association, Board of Directors, 2011 - 2016
- Environmental Information Association, Conference Chair, Newsletter Editor, Board of Directors, 1999-2001
- American Industrial Hygiene Association, national conference presenter, various years
- U.S. EPA, Future Visioning Expert for Indoor Air Quality, 1999
- Hoosier Safety Conference, presenter, 1999
- Michigan Safety Conference, Chair, Industrial Committee, and Board of Directors, 1994
- Asbestos Victims of America, Board of Directors, 1984
- Illinois State Certified Firefighter - Level II, 1984
- Business-Academia Dialogue, participant, 1976

INDUSTRY AWARDS

- Emeritus Board award, Environmental Information Association, 2019
- Phoenix Award with Integrated Team, Restoration Industry Association, 2012
- Martin L. King Award, Restoration Industry Association, 2010
- President's Award, Environmental Information Association, 2003
- Golden Quill Award, Cleaning and Restoration Magazine, 2001
- Performance Excellence Award, Southwest Michigan Quality Council, 1999
- Communication Award, Environmental Information Association, 1999
- Special Appreciation, Environmental Information Association, 1997

NOTABLE PRESENTATIONS

- "Improving the Environment for Sensitized Individuals", Environmental Sensitivities Symposium, 2016
- "Forensic Restoration", Restoration Industry Association, 2015
- "Hydroxyl Radicals: Hype or Reality", Property Loss Restoration Expo, 2014
- "The Sandy Solution", All Hands Volunteers, 2013
- "What Really Works For Mold Remediation? Are the NYC, EPA, and OSHA Guidelines Putting Workers and Occupants at Risk?" Indoor Air Quality Association, 2012
- "The Restoration Industry: An Important Ally for Safety and Health Professionals," American Society of Safety Engineers, 2011
- "Can Sewage Saturated Rugs Be Cleaned and Safely Returned to Their Owners?" Rug Summit IV, 2011
- "Real Life Experiment to Gauge the Impact of Chemicals and Work Procedures on Mold Remediation, Cleaning," Cleaning Science Conference and Symposium, 2011
- "Mold, Do Not Let It Become Your Worst Nightmare," Diocese of Lansing Common Conference, 2011
- "Remediation According to the Standard of Care," 6th International Scientific Conference on Bioaerosols, Fungi, Bacteria, Mycotoxins in Indoor and Outdoor Environments and Human Health, 2011
- "Prepare and Protect Your Organization from Epidemics," American Society of Safety Engineers, 2010
- "New Development in Environmental Contaminant Control," Building Environment Council of Ohio, 2010
- "ASHRAE Position Papers 2010 and Beyond," BOMA, 2010
- "Hospital Air Quality Concerns," Environmental Information Association Southwest Council, 2010
- "The Cleaning for Health Phenomenon," Worldwide Cleaning Industry Association (ISSA), 2010
- "Utilizing Ultrasonic Cleaning to Combat Hospital Cross Contamination," Federal Medical Equipment, 2010
- "Cleaning for Health: Applying the Concepts," Restoration Industry Association, 2010

- “New Opportunities for Clean and Restoration Professionals in Healthcare,” Business Mentors Summit, 2010
- “Integrated Team Approach To Mold Remediation in Critical Use Facilities,” Building Sciences, 2010
- “Emerging Issues with Infection Control,” AIHce, 2009
- “Cleaning Sewage Contaminated Contents,” American Industrial Hygiene Association, 2009
- “New Developments to Deal with the Challenges of Contaminated Soft Goods,” Insights, 2009
- “The Value of an Objective Endpoint for Mold Remediation Projects,” Environmental Information Association, 2009
- “Infection: Matching Key Concepts of Building Science With Current Technologies,” Insurance Restoration Specialists, 2009
- “Cleaning of Sewage and Flood Contaminated Goods,” National Disaster Reconstruction Expo, 2009
- “Mold Remediation: General Industry Overview” and “Mold Remediation: Advanced Class,” guest lecturer at Purdue University, 2009
- “Restoration: Working with Hospitals,” Restoration Industry Association, 2007
- “Building Broader Markets from Specialized Skills,” American Bio-Recovery Association, 2007
- “Straining Katrina’s Soup,” Association of Specialists in Cleaning & Restoration, 2006
- “Meth Labs Clean-Up,” Building Environment Council of Ohio, 2006
- “Burning Questions About Mold,” Wisconsin Insurance Adjusters, 2005
- “Mold 101--An Overview for Nurses,” Association of Michigan Occupational Nurses, 2004
- “Upgrading Your Skills to Handle Complex Restoration,” Disaster Restoration Contractors, 2004
- “The S520 - A New Mold Standard for the Industry,” American Industrial Hygiene Association, AIHce Conference, 2004
- “Remediation of the Indoor Environment - Facts and Fiction!” Water Loss Institute, 2003
- “IICRC S520, Standard and Reference Guide for Mold Remediation, Professional Development Course,” Michigan Industrial Hygiene Society, 2003
- “A Practical Approach to Mold Remediation,” Michigan Safety Conference, 2003
- “Mold Loss Challenge: Training Adjusters and Understanding Guidelines,” PLRB Conference, 2003
- “Indoor Air Health,” National Science Foundation, 2001