



LEE W. POYE
Vice President – J3 Resources, Inc.
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EDUCATION

B.S. Marine Biology, December 1985
Texas A&M University; College Station, Texas

PROFESSIONAL REGISTRATIONS/MEMBERSHIPS/TRAINING

- U.S. Pharmacopeial Convention 2015-2020 Council of Experts; Talc Methods Expert Panel
- ASTM D22.07 Sampling and Analysis of Asbestos, Subcommittee Member
- Technical Contact, Lung Tissue Digestion and Analysis Work Item WK53647 – ASTM D22.07
- Member, Vermiculite Task Force – ASTM D22.07
- Member, Nanotube Task Force – ASTM D22.07
- American Industrial Hygiene Association – Full Member
- Environmental Information Association – Sampling and Analysis Technical Director
- Transmission Electron Microscopy Asbestos Analysis, MVA Scientific Consultants, Duluth, GA, 2008
- Microscopy of Dust, Spores & Pollen, McCrone Research Institute, Chicago, August 31, 2001
- OSHA 40-hour Health and Safety Training, (29 CFR 1910.120)
- Texas Department of Health Licensed Asbestos Inspector (License # 60-0017)
- Regulatory IV-Interagency Wetlands Identification and Delineation, USACE Training Program

PRESENT EMPLOYMENT

December 2000-Present: Laboratory Director, J3 Resources, Inc., Houston, Texas

Responsibilities include:

- Employing twenty-five years' lab experience to the analysis of tissue, bulk, air, water, and dust samples for asbestos by electron and light microscopy. Proficient in the utilization of TEM, SEM, PLM, PCM, XRD, EDS, and SAED in the identification and documentation of asbestos and other elongated mineral particles.
- Maintaining ILAC-MRA, AIHA, and NVLAP accreditation plus various state licenses for asbestos and mold.
- Developing QA/QC programs and maintaining QA/QC records in accordance with Quality Assurance Manual.

PREVIOUS EMPLOYMENT

February 1996-December 2000: SW Regional Laboratory Manager, EMSL Analytical, Inc. a Nationwide IAQ and Chemistry Lab, Houston, Texas

June 1989-February 1996: Laboratory Supervisor and Transmission Electron Microscope (TEM) Analyst, Reservoirs Environmental Services, Inc., Houston, Texas

June 1986-June 1989: Owner of *Mysitech*, Galveston, Texas,
An Environmental Laboratory involved in Aquatic Toxicity and NPDES Compliance Testing

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PRESENTATIONS/GUEST LECTURES

“Fiber Burden Analysis of Human Lung Tissue: Technical Considerations and Implications” Invited presentation given to the Collegium Ramazzini, Annual Ramazzini Days 2016 – Carpi, Italy, October 2016.

“Size Distribution and Variety of Respirable Elongate Mineral Particles (Fibers) Compiled During Analysis of 400 Human Lung Tissue Samples versus Fibers in an AIHA PAT Round” Presentation given to the Environmental Information Association National Conference – Las Vegas, NV, March 2016.

“Cumulative Summary of Variety, Size, and Aspect Ratio of Elongate Mineral Particles Compiled during Analysis of 400 Lung Tissue Samples” ASTM Michael E. Beard Conference, Asbestos and Fibrous Mineral Analysis and Research, ASTM D22.07 – San Antonio, TX, January 2016.

“Summary of the Variety, Size, and Aspect Ratio of 3,926 Asbestos and other Respirable Elongate Mineral Particles (REMPS) Compiled During Analysis of 241 Lung Tissue Samples versus Particle Sizes Detected by Phase Contrast Microscopy” AIHA GC Chapter – Pasadena, Texas, January 2016.

“What Methods Permit You to Detect or NOT Detect Asbestos in Air or Tissue Samples” Invited presentation given at *Current Concepts and Controversies in Asbestos-Related Diseases Symposium*, Massachusetts General Hospital, Harvard School of Public Health – Boston, MA, October 2015.

“What IH Professionals and State Regulators Need to Know about Asbestos Laboratories” Invited presentation given to the Texas Department of State Health Services (TDSHS) Asbestos Program Regulators – Austin, Texas, June 2015.

“Behind the Curtain at the Asbestos Laboratory; What IH Professionals Need to Know about Asbestos Analysis” Presentation given to the Environmental Information Association National Conference – Atlanta GA, March 2015.

“Behind the Curtain at the Asbestos Laboratory; What IH Professionals Need to Know about Asbestos Analysis” Presentation given to the Environmental Information Association National Conference – Washington DC, March 2013.

“PLM, TEM and PCM – Comparison of Methods for Identification of Asbestos in Building Materials” Invited presentation given to the Gulf Coast Chapter of the American Industrial Hygiene Association (AIHA) – Houston, Texas, January 2012.

“Analysis of Asbestos by Polarized Light Microscopy, Gravimetric Reduction and Point Count” Guest Lecturer – Asbestos Inspector and Management Planner Refresher Training Class, Professional Environmental Training – Houston, TX, 2007-2012.

“Analysis of Soil and Vermiculite for Presence of Asbestos” Guest Lecturer – Asbestos Inspector Refresher Training Class, Professional Environmental Training, Houston, TX, 2007-2012.

“Overview of Current Methods Used in the Analysis of Asbestos” Invited presentation given to Texas Department of State Health Services (TDSHS) Asbestos Program, Enforcement Branch - Bandera, TX 2009.

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PEER REVIEWED PUBLICATIONS

Andrew F. Oberta, Lee W. Poye and Steven P. Compton *Releasability of asbestos fibers from weathered roof cement*, Journal of Occupational and Environmental Hygiene, 15:6, 466-473, March 2018
DOI:10.1080/15459624.2018.1448401.

Black B, Dodson RF, Bruce JR, Poye LW, Henschke C., and Loewen G. *A Clinical Assessment and Lung Tissue Burden from an Individual Who Worked as a Libby Vermiculite Miner*.
Inhalation Toxicology; Vol 29, Issue 9, 2017.

Dodson, RF, Mark, EJ, and Poye, LW. *Biodurability/Retention of Libby Amphibole in a Case of Mesothelioma*.
Ultrastructural Pathology. 2014 Feb; 38(1):45-51. Epub 2013 Oct 17.

Dodson, RF, Hammar, SP, Poye, LW. *Mesothelioma in an Individual Following Exposure to Crocidolite-containing Gaskets as a Teenager*. Int J Occup Environ Health 2011; 17:190-194.

Dodson, RF, Hammar, SP and Poye, LW (2008) *Response to Letter to the Editor*, Inhalation Toxicology 2008, 20:12, 1115 – 1117.

Dodson, RF, Hammar, SP, Poye, LW. *A Technical Comparison of Evaluating Asbestos Concentration by Phase-Contrast Microscopy (PCM), Scanning Electron Microscopy (SEM), and Analytical Transmission Electron Microscopy (ATEM) as Illustrated From Data Generated From a Case Report*. Inhalation Toxicology 2008; 20:723-732.