

## SCOTT D. HANTON

### CHEMICALS AND MATERIALS MANAGEMENT

#### PROFILE



#### OVERVIEW

For more than 30 years, Scott has developed extensive expertise in research science, technical management and analytical testing. Specializing in the chemical structures of polymers and related materials, he has made significant contributions to the field of chemical analysis and testing, serving as an expert in laser technology and mass spectrometry.

#### EXPERIENCE

##### **General Manager • Intertek • 2017 – Present**

Manage two scientific businesses, overseeing 24 laboratories, personnel, business development, quality, safety, science and profit & loss (for one of the laboratories).

##### **General Manager • Intertek • 2014 – 2017**

Managed one scientific business, overseeing 20 laboratories, personnel, business development, quality, safety, science and profit & loss.

##### **Lab Operations Manager and Chief Scientist • Intertek • 2010 – 2014**

Managed the science and delivery of all laboratories within Intertek Allentown, Pennsylvania.

##### **Technical Manager • Air Products and Chemicals, Inc. • 1990 – 2010**

Held various roles within the Global Analytical Sciences (GAS) Department. Managed group within GAS, covering lab sections including Mass Spectrometry (MS), Nuclear Magnetic Resonance, Liquid Chromatography, Gas Chromatography, Thermal Analysis, Rheology, Particle Size, Molecular Spectroscopy, Elemental Analysis and Functional Group Analysis. Individual contributor on the MS and Gel Permeation Chromatography teams. World expert in Matrix-Assisted Laser Desorption (MALDI) mass spectrometry of complex materials. Provided key contributions to the Epoxy curing agents, Surfactants and Conducting Polymers research areas. Individual contributor on the Laser Application Lab team. Responsible for the development of laser applications and laser gas delivery (corporate expert in laser technology).

##### **Co-op • Dow Chemical Company • 1980 – 1981**

Responsible for physical testing of new Saran® polymers.



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## PUBLICATIONS/ PRESENTATIONS

Peer Reviewed Papers: 43  
Conference Presentations: 31  
Conference Posters: 15  
Symposium Chairs: 8  
Invited Presentations: 63  
Internal R&D Posters: 19  
Internal Roundtable  
Presentations: 10  
Conference Short Courses: 2  
Co-Presented College Courses: 3

## EXPERT WITNESS

American Airlines v. Angella  
Fillman, carrier case number  
00600121: 2017 Testimony

Shire v. Watson Case No.: 12-  
60862-CIV: 2016 Testimony and  
Deposition

Zecotek Imaging Systems PTE  
LTD. v. Saint-Gobain Ceramics &  
Plastics, Inc., et al. (N.D. Ohio)  
(Case No. 5:12-cv-1533): 2014  
Deposition

## EDUCATION / PROFESSIONAL AFFILIATIONS

**Ph.D. • 1990 • University of Wisconsin-Madison**  
Physical Chemistry

**B.Sc. • 1985 • Michigan State University (Honors College)**  
Chemistry

**American Chemical Society • 1985 – Present**

**American Society for Mass Spectrometry • 1995 – Present**

**Analytical Laboratory Managers Association • 2003 – Present**

**Lehigh Valley Inter-Regional Networking & Connecting  
Consortium (LINC): • 2016 – Present**

**Polymer Mass Spectrometry Discussion Group • 2000 – 2011**

## TECHNICAL SKILLS / MANAGEMENT SKILLS

Recognized world expert in polymer mass spectrometry. Joined editorial board of the Journal of the American Society for Mass Spectrometry in 2009 – the only industrial member of the board. Introduced MALDI to APCI and built first instrument here in 1994. Research into all facets of the MALDI experiment with an emphasis on sample preparation, problem-solving, and chemical structure determination. Proficient in Time-of-Flight Secondary Ion Mass Spectrometry (ToF-SIMS). Excellent analytical problem-solver. Key contributor to all APCI projects requiring MALDI. Developed novel methods to characterize the chemistries important to APCI.

Responsible for the P&L, customer engagement, lab safety and quality of the business, and development of a marketing program and the business overall. Accountable for the on-time and on-target delivery of results to our customers, continued development of our technical capabilities through successful R&D projects, management of technical relationships with customers, and performance management of the lab staff. Effective leader of Continuous Improvement in the organization. Key leader for Knowledge Management within the Technology organization. Key recruiter of new technical talent for the labs at all levels.



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