

Alvin Lavoie

Corporate Venturing at The Dow Chemical Company
Chemicals

<http://www.directoryinventor.com/profile/view/NMfRlo3g>

Experience

Technology Scout - Director - Corporate Venturing**Dow Electronic Materials**

10,001+ employees; Public Company; Chemicals
January 2011 - Present

Responsible for researching and evaluating external technologies and opportunities that complement Dow's well established internal Research & Development pipeline and have the potential to contribute to the Company's long-term success.

Global R&D Director Architectural Coatings**Dow Electronic Materials**

10,001+ employees; Public Company; Chemicals
2007 - 2011

Lead R&D efforts to develop differentiated materials to support the coatings industry. Lead a team of over 120 individuals located in labs in Spring House PA, and Shanghai China. Championed our efforts into Low Odor and coalescent free binder development. Redirected R&D focus in our Hiding segment and championed our new composite technologies. Expanded R&D efforts into our new line of acid suppressed Rheology modifiers.

Director of Emerging Technologies**Rohm and Haas / England**

Public Company; Chemicals
2005 - 2009

Emphasis on technology partnerships across multiple business units, on boarding technology from outside companies, technology opportunity identification, long range R&D on new platform technologies, and portfolio management

Director of Central Analytical Support**Rohm and Haas / England**

Public Company; Chemicals
2003 - 2005

Initiated and lead redesign of department of more than 70 scientist aimed at creating a more customer focused global support organization.

Director of Technical Staffing

Rohm and Haas / England

Public Company; Chemicals

2001 - 2003

Established recruiting practices and developed a Core School focus for directed recruiting of Scientists and Engineers

Research Section Manager

Rohm and Haas / England

Public Company; Chemicals

1992 - 2001

Fall 1999 to Fall 2000: Project Leader in Architectural Coatings. Responsible for four projects and their accompanying multifunctional teams. January 2000 to March 2000: Internship with The Martec Group, Southfield, Mich. This was a sabbatical to learn market research techniques. Project work included assessment of merger and acquisition candidates, market share evaluation, and market size assessment studies for several non-chemical companies. 1999: Technical Manager in Building Products. Responsible for functional excellence, professional career development of technical staff in department, and performance management systems across Building Products Applications research. I was both a member of and eventually the team leader of the Roofing Siding and Cement Market Segment Team (MST), this team was responsible for developing global strategies to grow our Roof-Tile and Cement Modifier business. 1997 to Spring 1999: Research Section Manger, Applications Research and Technical Service for the Industrial Coatings business which evolved into the Building Products business. Project responsibilities were for Wood Coatings, Roofing, Siding and Cement (RS+C), and Floor Polishes. 1992 through 1996: Research Section Manager, P+R Synthesis. Group responsible for Industrial Coatings support (included Metal, Traffic Paint , Wood, RS+C, Arts and Hobby, and GIF) as well as, Rheology Modifiers.

Chemist

Rohm and Haas

Chemicals

1981 - 1992

R&D Synthetic Chemist. Primary focus emulsion polymer synthesis. New technology and new product development associated with a variety of end uses including; Coatings, Adhesives and Sealants, Floor Polish, Textile and Non-woven binders, and Rheology Modifiers

Education

University of Wisconsin-Madison

Organic Chemistry

1977 - 1981

University of Massachusetts Dartmouth

Chemistry

1974 - 1977

Rensselaer Polytechnic Institute

Chemistry

1973 - 1974

Patents (4)

[Quick-drying aqueous coating compositions \(28 worldwide citation\)](#)

Ann Robertson Hermes, Alvin Charles Lavoie, Donald Craig Schall

July 13, 1999: 05922398

[Method for improving drying speed in printing process and fast dry printing ink used therein \(5 worldwide citation\)](#)

Caren Ann Puschak, Anne Margarat Bacho, Gary Robert Larson, Matthew Stewart Gebhard, Alvin Charles Lavoie

December 15, 1998: 05849833

[Method of producing wear resistant traffic markings \(7 worldwide citation\)](#)

Donald Craig Schall, Alvin Charles Lavoie, Francis Joseph Landy, Steven Scott Edwards

October 13, 1998: 05820993

[Method of producing wear resistant traffic markings \(33 worldwide citation\)](#)

Donald Craig Schall, Alvin Charles Lavoie, Francis Joseph Landy, Steven Scott Edwards

September 30, 1997: 05672379

[View all \(4\)](#)