

## Nathaniel Brese



Global Marketing Director, Growth Technologies at Dow Electronic Materials Semiconductors

<http://www.directoryinventor.com/profile/view/i4u6OMCq>

## Experience

---

### Global Marketing Director, Growth Technologies

Rohm and Haas Electronic Materials

10,001+ employees; Public Company; Semiconductors  
January 2013 - Present

Marketing and M&A strategy for electronic materials incubator, including LED, Metalorganic, Advanced Packaging, Optical and Ceramic Technologies.

---

### Marketing Director, LED Technologies

Dow Electronic Materials

Semiconductors  
January 2012 - December 2012

High performance materials enabling the LED industry, including phosphors, photoresists, polishing pads and slurries, metal plating, and other consumables.

---

### Sales and Marketing Director, Optical and Ceramic Technologies

Dow Electronic Materials

Chemicals  
January 2009 - December 2011

Optical ceramics for industrial lasers, night vision, and military applications. Silicon carbide for electronic equipment.

---

### Director, Strategic Planning and Technical Marketing, Packaging and Finishing Technologies

Dow Electronic Materials

10,001+ employees; Public Company; Chemicals  
January 2003 - January 2009

Responsible for identifying and incubating new business opportunities, mergers & acquisitions, industrial outreach, and competitive analysis. Products include metal plating, lithographic, and polymeric materials.

---

### Manager, Corporate Development and Emerging Technologies; Research Fellow

Rohm and Haas / England

Public Company; Chemicals

January 1999 - December 2002

Business platform development, technology licensing, venture capital

---

## Senior Scientist

Rohm and Haas / England

Public Company; Chemicals

September 1996 - December 1998

Batteries, ceramics, nanotechnology

---

## Sr. Project Engineer

Osram Sylvania

10,001+ employees; Public Company; Chemicals

June 1994 - August 1996

Specialty phosphors

---

## Education

---

### University of Pennsylvania - The Wharton School

Business Administration

1999 - 2000

WMP provides the equivalent of a first year MBA education. The two-year, 6-hours-per-week curriculum includes marketing, international management, business law, accounting, finance, organizational behavior, human resources, and strategy.

---

### Cornell University

materials chemistry

1993 - 1994

Managed the daily operations of Prof. Frank DiSalvo's group of 15 during his sabbatical.

---

### Max Planck Institute Festkoerperforschung

Solid state chemistry

1991 - 1993

---

### Arizona State University

Solid state chemistry

1987 - 1991

Dissertation entitled "Crystal Chemistry of Nitrides and Related Materials". Conducted research involving neutron diffraction, bonding theory, and synthesis of oxides, hydrides, and nitrides.

---

### Northwestern University

Integrated Sciences Program, Chemistry

1983 - 1987

ISP is an interdisciplinary honors program in the physical sciences.

---

## Patents (24)

---

### Electrochemically deposited indium composites

Nathaniel E Brese, Edit Szocs, Felix J Schwager, Michael P Toben, Martin W Bayes  
November 19, 2013: 08585885

---

### UV curable catalyst compositions

Peter R Levey, Nathaniel E Brese, Neil D Brown, Stanley J Jasne  
November 5, 2013: 08575057

---

### Indium composites

Edit Szocs, Felix J Schwager, Thomas Gaethke, Nathaniel E Brese, Michael P Toben  
June 11, 2013: 08460533

---

### Indium composites

Edit Szocs, Felix J Schwager, Thomas Gaethke, Nathaniel E Brese, Michael P Toben  
May 5, 2011: 20110103022-A1

---

### Catalyst composition and deposition method

Peter R Levey, Nathaniel E Brese  
November 30, 2010: 07842636

---

### Catalyst composition and deposition method

Peter R Levey, Nathaniel E Brese  
November 2, 2010: 07825058

---

### Catalyst composition and deposition method

Peter R Levey, Nathaniel E Brese  
October 8, 2009: 20090253573-A1

---

### Semiconductor processing

Jitendra S Goela, Nathaniel E Brese, Michael A Pickering  
September 15, 2009: 07589025

---

### Catalyst composition and deposition method

Peter R Levey, Nathaniel E Brese  
July 30, 2009: 20090192029-A1

---

### Catalyst composition and deposition method (5 worldwide citation)

Peter R Levey, Nathaniel E Brese  
March 31, 2009: 07510993

---

[View all \(24\)](#)