

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 \(24\)](#)