

Mechanical & Manufacturing Engineering Department Advisory Council

Deepak Agarwal

Manager, Manufacturing Engineering
Square D Company / Schneider Electric

Bachelor Degree: Industrial Eng, 2001, India
Master's Degree: Industrial Eng, 2006, UTEP, TX



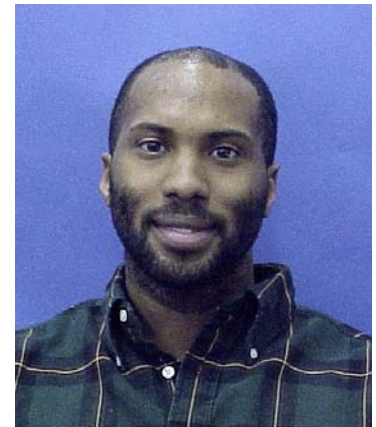
Deepak Agarwal is currently working as the Manufacturing Engineering manager at the Oxford, Ohio plant. He is responsible for implementing Lean Manufacturing at Schneider Electric. He is also responsible for critical support functions like Tool Room and Maintenance. Mr. Deepak worked for around 6 years in the automobile industry in India before starting his career with Schneider Electric two years ago in El Paso, TX. Most recently he completed a project worth \$450k at their El Paso plant resulting in \$1.5 million in savings

Johnny Alexander

Development Engineer
Ethicon Endo-Surgery, Inc.

Bachelor Degree: Miami - Mfg Eng. – 1996
Master's Degree: U of Mich. - Mfg. Eng (Program in Manufacturing)

Internships - General Electric (GE Scholarship Participant)
- Chrysler Corp.



Mr. Alexander is currently a Development Engineer in the R&D group at Ethicon Endo-Surgery in Cincinnati, working on new product development. His major role is to develop manufacturing systems for their manufacturing plant in Juarez, MX and to ensure the success of their supply base (technical questions and feasibility issues). Mr. Alexander says that this job best utilizes the Manufacturing Process, Cost Analysis, Statics & Dynamics, and Strength of Materials classes that he took at Miami.

Peter Beckwith

Deployment Leader, Operational Excellence Program
Cardinal Health

Bachelor Degree: Miami – Mfg. Eng. - 1992

Masters Degree:

Peter Beckwith is a Deployment Leader within Cardinal Health's Operational Excellence program. In this role, Mr. Beckwith is responsible for a company-wide transformational program to integrate lean six sigma into daily operations. With a focus on cultural adoption, customer value, and process excellence, he drives identification and delivery of improvement initiatives with internal and external trading partners for this \$80 billion healthcare services provider. Prior to Cardinal Health, Mr. Beckwith was a Senior Manager with Arthur Andersen's business consulting practice in Columbus, Ohio, where he led both the Supply Chain Solutions, and Customer Solutions, Practice Areas.

Larry Butkus

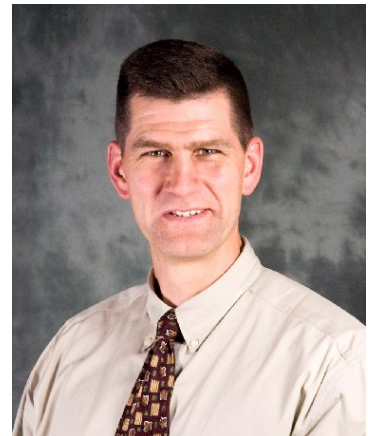
Senior Materials Engineer, Materials Integrity
Branch
Air Force Research Laboratory

Bachelor Degree: M.I.T. - Mechanical
Engineering - 1985

Masters Degree: University of Dayton -
International Affairs - 1989

Masters Degree: University of Michigan-
Mechanical Engineering - 1991

Ph.D.: Georgia Tech - Mechanical
Engineering – 1997



Larry Butkus is the Senior Materials Engineer, Materials Integrity Branch at the Air Force Research Laboratory. He is responsible for the technical support and administration of the Air Force ASIP program that ensures cost-effective structural integrity and safety of its entire inventory of fixed- and rotary-wing aircraft. His duties also include conducting structural surveys to determine the technical requirements for the maintenance and support of over 60 Air Force weapon systems. Mr. Butkus has served in numerous technical assignments with duties including basic research, engineering, program management, and engineering education. Most recently, Mr. Butkus was an associate professor, the Materials Division Chief, and the Deputy for Curriculum in the Department of Engineering Mechanics at the USAF Academy in Colorado.

Blaine Hagins

Regional Sales Manager
Sandvik Coromant Co.

Bachelor Degree: Miami – Mfg. Eng. – 1986

Blaine's first industrial job was with Emco Maier, an Austrian machine tool builder. He then worked for McDonnell Douglas for four years. The plant was closed and he worked for a medical instrument manufacturer before going to Sandvik Coromant where he has worked for the last fourteen years. Currently Blaine is the regional sales manager for Sandvik Coromant, supporting the markets of Cincinnati and central Kentucky. Sandvik Coromant has a significant market share in the United States and is the world's largest manufacturer of carbide tooling. His entire career has been focused on manufacturing, specifically metal cutting.

James S. Haidet

Owner
Keystone Development Services, LLC

Bachelor Degree: Miami, Mfg. Eng. - 1985

Keystone Development Services was formed for the purpose of developing hotels, consulting, and assisting in the liquidation of real estate assets. Keystone has been actively developing hotels and continues to do so with \$20-30,000,000 in additional projects currently under contract negotiations. Mr. Haidet has been responsible for all facets of business pertaining to the development and operations of hotels and senior housing facilities. In addition, he is experienced in the liquidation of assets and has an extensive background in franchising. In the last eleven years Mr. Haidet has developed 12 hotels, two senior housing facilities, franchised over fifty hotels, and consummated the sale of over \$85,000,000 in real estate and related assets. Mr. Haidet has experience as a Sales Engineer, specializing in construction related products with an emphasis on new product development, consultative selling, and customer training. He has sold predominately to O.E.M. and Master Distributor accounts.

Terry Kimble

Vice President Manufacturing
Connector Manufacturing Co.

Bachelor Degree: Miami – Mfg. Eng. - 1995

Terry Kimble is currently employed as the Vice President of Manufacturing for Connector Manufacturing Company. He serves in various roles simultaneously including plant manager, engineering manager and lean manufacturing champion. He has specialized in project engineering prior to joining his present employer. Mr. Kimble has been with Connector Manufacturing since 1999 and has over twenty years of manufacturing experience across several industries including aerospace electronics, automotive and commercial electrical products.

Mary Kinsella, PhD

Metals Processing Section Chief, Materials & Manufacturing
Directorate
Air Force Research Laboratory

Bachelor Degree: Miami – Manufacturing Technology – 1983
Masters Degree: University of Dayton – Materials Engineering – 1991
PhD Degree: The Ohio State University – Industrial & Systems
Engineering – 2004



Dr. Kinsella is a senior materials research engineer in the Materials and Manufacturing Directorate at the Air Force Research Laboratory. Currently she is the Section Chief for the Metals Processing Section. She also manages the Metals Affordability Initiative, a multi-million dollar program involving DoD system integrators and the majority of companies in the aerospace metals supply chain. Her research interests are focused on rapid prototyping and rapid manufacturing processes for aerospace applications. Dr. Kinsella completed her dissertation in 2004 on the topic of rapid tooling for injection molding. She also has twelve years government experience in electronics manufacturing technology and three years prior industry experience in microelectronics production supervision. Dr. Kinsella is a member of the Society of Manufacturing Engineers and a senior life member of the Society of Women Engineers.

Martin Lakes

President, MAG Advanced Technologies, North America

Bachelor Degree: Miami – Electro-Mechanical Eng. Tech. – 1977



Mr. Lakes is currently the president of MAG Advanced Technologies North America which includes Cincinnati Machine, Cincinnati Advanced Composites, Giddings and Lewis Machine Tools, MAG Advanced Machining, North America and Fadal Machine tools. His focus is to grow these MAG businesses to be the premier supplier of machine tools, contract machining and composite tape-laying machinery and solutions. Key industries served include aerospace, automotive, oil and mining, construction equipment and energy production. Previously, he served as Executive Vice President of the America's Region for Manitowoc Cranes and played a key role in growing the business tenfold. Mr. Lakes has held various leadership, manufacturing, and executive positions at Manitowoc Cranes, Manitowoc's Naval Shipyard at Marinette Marine, and Cincinnati Milacron. During his tenure at Cincinnati Milacron, his operation was awarded Industry Weeks "America's 10 Best Plants" Award.

Daniel Listermann

President & Owner
Listermann Mfg. Co., Inc

Bachelor Degree: Miami, Eng Tech – 1976

Matthew Lorenz

Plant Manager
Eaton Corporation

Bachelor Degree: Miami, Mfg Eng – 1981
Masters Degree: Georgia Tech, MBA – 2001

David Mast

Customer Account Manager
Modine Manufacturing Company

Bachelor Degree: Miami – Mfg Eng. – 1994

Mr. David Mast is currently a customer account manager for Modine Manufacturing Company. He is responsible for all sales to 2 key customers, primarily for engine mounted heat exchangers. Prior to his present position, David spent 11 years with Ford Motor Company and Visteon Corporation in various product development and manufacturing engineering and management roles. This includes three years of international service establishing a simultaneous engineering team at Visteon-Autopal's Hluk plant for product development and manufacturing of heat exchangers.

William H. Millhaem

General Manager, Material Services
GE Aviation

Bachelor Degree: Miami – Mfg. Eng. – 1980

Masters Degree: University of Cincinnati – Mch Eng. – 1985



Mr. Bill Millhaem is General Manager of Material Services for GE Aviation Services. The Operation is responsible for developing, selling and fulfilling commercial material solutions for GE's Commercial Engines Customers. Prior to his current position, Bill led the Customer and Product Support Operation for GE Commercial Engines responsible for customer commercial and technical support, field service engineering, technical publications and training for GE's Commercial Engines Customers.

Bill's twenty eight years of experience with GE Aviation includes a wide range of commercial, technical and leadership roles. He began in the Manufacturing Development Program and then progressed through a variety of manufacturing management, product management and sales and marketing positions. Bill has a BS in Manufacturing Engineering from Miami University (1980), Oxford, Ohio USA, and an MSME from the University of Cincinnati (1985).

Steve Pasquale

Director of Manufacturing Strategy
Swagelok Company

Bachelor Degree: Miami, Mfg Eng – 1980

Steve Pasquale is Director of Manufacturing Strategy for Swagelok Company. This role is part of Swagelok's Continuous Improvement group which is responsible for driving continuous improvement activities throughout the organization in a systematic approach. The Manufacturing Strategies group focuses on strategic initiatives for developing and implementing systems and methods to reduce process variation related to equipment & tooling platforms, machining, assembly & test methods, facility, tooling & asset management, engineering & manufacturing systems, and equipment reliability.

Steve has been with Swagelok over 27 years and has held a variety of positions. He started as an assembly engineer, then manufacturing engineer before he moved into a management role early in his career. He has held leadership positions in plant operations, engineering, purchasing, and quality. Immediately before his current role Steve was the Director of Operations for Swagelok's Valve Services Group.

Wayne Robbins

Manager, Digital X-ray and Advanced Metrology
GE Aircraft Engines

Bachelor Degree: Miami – NROTC 1977; Manufacturing
Engineering 1987

Masters Degree: University of Dayton – Engineering
Management 1997



Wayne Robbins began his career in the United States Marine Corps as a Combat Engineer and Heavy Equipment officer. Following his tour with the Marines, he spent a short time with Armco Construction before returning to Miami to complete his engineering degree. Wayne has 20 years at GE Aircraft Engines and is currently Manager of Digital X-ray and Advanced Metrology. His assignments at GE have ranged from process engineer to program manager of several military programs and he has worked in both the Engineering and Supply Chain Divisions. Wayne is a Corporate Certified Design for Six Sigma Black Belt. While working at GE, Wayne attended evening classes at the University of Dayton and graduated with a M.S. in Engineering Management in 1997.

Dave Rohe

President
ROA Group LLC

Bachelor Degree: Miami – Manufacturing Engineering – 1982

Masters Degree: Missouri S&T – Engineering Management – 1986



Dave has over 25 years of career experience in consulting and industry leadership roles. Dave founded (in 2001) and leads ROA Group, an Ohio-based business consulting firm. ROA provides Information Technology (IT) and operational performance improvement services for manufacturers, distributors and service organizations. Prior to ROA, Dave was a business consulting principal with Andersen in Cleveland where he led Enterprise Resource Planning (ERP) and Supply Chain Solutions service areas for 5 years. Prior to Andersen, Dave served as Senior Manager with Ernst & Young's Performance Improvement Consulting Group based in Cleveland. In addition, Dave served in several Director-level industry leadership roles in information systems, operations support and engineering (consumer products, automotive and distribution industries). Dave began his professional career as a Manufacturing Engineer with Boeing (formerly McDonnell Douglas). At Boeing, Dave developed and implementing a variety of leading edge aerospace fabrication processes and control systems for military aircraft programs (F-15, F/A-18, AV-8B). Dave has been an SEAS advisory council member since 1995.

Bob Simpson

Bachelor Degree: Miami – Mfg. Eng. – 1982

Masters Degree: Western International University – MBA - 1992



Bob Simpson was recently named President of the Association for Manufacturing Technology and will begin his new position on October 7, 2008. He will join the association on June 2 and work in transition with the current President who will be retiring. Bob has worked for 25 years in manufacturing operations and has significant international experience. He most recently served as Corporate Vice President and President, Global Plastics Machinery, for Milacron Inc. of Cincinnati. He previously served as President of Siegel-Robert Automotive Inc. in St. Louis and held executive positions within Textron and TRW. (Information taken from AMT's May 5, 2008 press release.)

L. Nicole Smith

Systems Engineering & Integration Lead,
Orion Service Module
NASA John H. Glenn Research Center

Bachelor Degree: Miami - Mathematics & Statistics - 1997

Miami - Aeronautics - 1997

Masters Degree: University of Cincinnati - Aerospace
Engineering - 2005



Ms. Smith is currently the System Engineering and Integration Lead for the Orion Service Module. She previously led the International Space Station (ISS) Stage Contingency Extra-Vehicular Activity (EVA) readiness effort, which included integration across several NASA centers, and was the Lead Systems Engineer for the Ares V payload fairing, and worked Ares I Upper Stage Developmental Flight Instrumentation (DFI). Ms. Smith was the Electrical Power Systems Integration Engineer for the ISS Program Office at the NASA Johnson Space Center in Houston, TX. She previously worked in the ISS Training Division, where she was the lead Systems Instructor for both Assembly Flight 13A and the integration of the Russian Segment simulator. Prior to that, she was employed by Lockheed Martin Space Mission Systems. Her background includes work in Computational Fluid Dynamics, aerothermal analysis, hypervelocity impact studies, and orbital debris analysis. Ms. Smith has also worked extensively with the cooperative education and mentoring programs within the ISS Training Division. She has been active with the Texas Aerospace Scholars program and Mars Settlement Design Competitions, and is an Ohio Space Grant Consortium Fellow. Ms. Smith is a member of the Board of Directors of the American Institute of Aeronautics and Astronautics and has been awarded both the Sustained Service Award and Special Service Citation.

Mark Tomasevich

Manager, Advanced Manufacturing and Facilities
Bowe Bell Howell

Bachelor Degree: Miami, Eng Tech – 1978

Masters Degree: MBA – 1982

Thomas Wahl

NVH Principal Systems Engineer
EMCON Technologies

Bachelor Degree: Purdue University – Mechanical Eng. - 1985

Masters Degree: Purdue University – Mechanical Eng - 1991

Mr. Wahl is currently the NVH Principal Systems Engineer for the NVH Test Group at EMCON Technologies (previously ArvinMeritor Exhaust Division) Columbus Technical Center. His group is responsible for the development of automotive exhaust systems primarily in light vehicle applications. Before joining EMCON Technologies, Mr. Wahl had previously worked as an NVH Engineer for Cummins Inc. at the Cummins Technical Center and for General Motors at the Milford Proving Grounds.