Welcome to the Women in Manufacturing Summit

Chipping Away at the Glass Ceiling and Stereotypes: An educational, inspiring and networking event focusing on current and future women engineers in manufacturing

“One of the most courageous things you can do is identify yourself, know who you are, what you believe in and where you want to go.”

- Sheila Murray Bethel

October 10, 2017
Student Activity Center Salons A-E
**Today's Schedule**

8:00  Check In and Light Buffet Breakfast
8:45  *Opening Remarks* by: Dr. Bob Johnson, Dean, College of Engineering
      Dr. Joan Lorden, Provost, UNC Charlotte
      *Special Welcome* by: Mike Molnar, FSME, CMfgE, PE
      Founding Director of the Office of Advanced Mfg. at NIST
      *Keynote Speaker*: Gloria Toney, Sealed Air Corporation, Executive Director of R & D Medical Solutions
9:30  Breakout Session I
      Salon D:  *Creating a Balanced Work Life*, Tina Donahue, Siemens
      Salon E:  *Women Can and Should Negotiate*, Leslie D. Kilgore, Thomas Built Buses
10:00-10:45 Break
10:45  Breakout Session II
      Salon D:  *The Manufacturing Mile*, Amanda VandePol, GE Aviation
      Salon E:  *Defy or Assimilate to the Company Culture*, Susan Barker, Stabilus
11:45  Buffet Lunch followed by Panel Discussion
      Panelists: Lance Tucker-NAVAIR, Amanda VandePol-GE Aviation,
      Kimberly Mudar-Sealed Air Corp. and Christine Dooley-Commscope
      Moderator: Sandra Bouckley, President, Society of Manufacturing Engineers
1:30-1:45 Break
1:45  Breakout Session III
      Salon D:  *What HR Can Do for You!*, Ashley Kern, Ingersoll-Rand
      Salon E:  *What Women Can Do to Impact the Mfg. Workplace Now and for the Future*, Mary Muwwakkil, Schaeffler Group
2:30-2:45 Break
2:45  Breakout Session IV  Round Table Discussions (20 mins per topic)
      Salon D:  *Making a Job Change*, Holly Jarrett, United Technologies, CCS
      *Leading by Example (Don’t be Afraid to Break a Nail)*, Sharon Wood, Commscope
      Salon E:  *Building a Positive Support System*, Pam Nielsen, Sealed Air Corp.
      *Attracting Women to Mfg.*, Misti Nehus, Sealed Air Corp.
3:45  Closing Comments Followed by Networking
      *Expo 10:00 - 4:30*

Room moderators:  Gwen Gill and Meg Harkins, College of Engineering

---

**Session IV: Round Table Discussions (~ 20 mins per topic)**

**Salon E: Building a Positive Support System, by Pam Nielsen, Sealed Air Corp.**

Pam Nielsen has 27 years of experience in manufacturing and began her career with Sealed Air in 1990 as a Regional Quality Manager. Her current assignment is Strategic Account Supply Chain Manager for Product Care North America and she is responsible for developing comprehensive order to fulfillment programs for key growth accounts. Pam’s previous assignments at Sealed Air include Divisional Quality Manager, World Class Manufacturing Leader, Production Manager and Plant Manager. In addition to her current role, she is on the Women's Initiative Network (WIN) steering committee and is a 2016 honoree of the Manufacturing Institute's STEP Ahead - Women in Manufacturing initiative. Prior to beginning her career with Sealed Air, Pam obtained her Bachelor of Science degree with a major in Industrial Technology from Cal Poly in San Luis Obispo, CA and has since obtained a Master of Business Administration with an emphasis in Operational Management at American International College in Springfield, MA.

“Hold your head and your standards high even as people or circumstances try to pull you down.” - Tory Johnson

---

**Session IV: Round Table Discussions (~ 20 mins per topic)**

**Salon E: Attracting Women to Mfg. by Misti Nehus, Sealed Air Corp.**

Misti Nehus has 15 years of experience in manufacturing and began her career with Sealed Air Corporation in 2014 as a North America EHS Manager. She currently supports the Food Care division in North America and is responsible for supporting, coaching, and developing site EHS professionals in these facilities. In addition to her current role, she is also on the Women's Initiative Network (WIN) steering committee and was a 2017 honoree of the Manufacturing Institute's STEP Ahead – Women in Manufacturing Initiative. Prior to beginning her career with Sealed Air Corporation Misti obtained her Bachelor of Science degree with an emphasis in Industrial Hygiene from Western Kentucky University, obtained the Certified Safety Professional certification, and has since obtained the Certified Hazardous Materials Manager and a Six Sigma Black Belt certifications. She is currently working to obtain a Master of Business Administration with an emphasis in leadership at Southern New Hampshire University.
Session IV: Round Table Discussions (~ 20 mins per topic)

Salon D: Making a Job Change, by Holly Jarrett, United Technologies, CCS

Holly Jarrett is an engineering manager for Global Security Products division for United Technologies Climate Controls and Security in Lincolnton NC. She has worked in manufacturing for more than 10 years. Holly started her career as a machine technician with Leviton, then progressed to a product technician and then product engineering for the Corning Cable Systems, and as a manufacturing engineer for UTC before her current role today. She received her an AAS degree in Electronics Engineering Technology from Catawba Valley Community College and continued progressing her education while continuing to work full time by receiving her BS degree in Engineering Technology and a graduate certificate in Project Management, from Western Carolina University. Holly is married and has two kids.

“You can never leave footprints that last if you are always walking on tiptoe.” - Leymah Gbowee

Session IV: Round Table Discussions (~ 20 mins per topic)

Salon D: Leading by Example (don’t be afraid to break a nail), by Sharon Wood, CommScope

Sharon Wood joined the CommScope quality team in 2005 and became the vice president of the newly established Global Supplier Quality in November 2011. She manages a staff of 72 that are strategically positioned around the globe to support over 5K suppliers. Ms. Wood has more than 27 years of experience in Operations Quality, Operations Management and Supplier Development, which includes a long-term career in the automotive industry working with Nissan and General Motors interior trim products. Sharon is a 1988 Industrial Engineer/Engineering Management graduate from the University of Tennessee Chattanooga. She resides in Texas with her two sons, Ethan (25) who recently graduated from the University of Texas Denton; Jordan (19) who is a sophomore at Texas Community College and her 6 year old grandson, Rylan.

“The difference between successful people and others is how long they spend time feeling sorry for themselves.” - Barbara Corcoran

Special Welcome, Mike Molnar, FSME, CMfgE, PE

Mike Molnar is the founding director of the Office of Advanced Manufacturing at the National Institute of Standards and Technology (NIST), responsible for extramural advanced manufacturing programs and liaison to industry and academia. Mike is also the founding director of the Advanced Manufacturing National Program Office, an interagency team which serves as the Congressionally designated program office for Manufacturing USA – the National Network for Manufacturing Innovation. Mike joined NIST in 2011. Prior to federal service Mike had a 30-year industry career in advanced manufacturing, with leadership roles in manufacturing technology development, corporate manufacturing engineering, capital planning, metrology, quality systems, robotics and flexible automation, and computer integrated manufacturing systems. Mid-career Mike served as the manufacturing policy Fellow in the White House Office of Science and Technology Policy. Mike is actively involved in several professional societies and associations – most recently as the President of the SME and now Governor of the ASME. He is a licensed Professional Engineer, Certified Manufacturing Engineer, and was elected Fellow of both ASME and SME.

Keynote Speaker: Gloria Toney

Executive Director, Medical Solutions R & D, Sealed Air Corporation

Gloria Toney has a passion for sharing her professional experiences with others in the hopes of positively influencing the ever changing, diverse international workforce. After receiving her B.S. and M.S. degrees in Chemical Engineering, she began her career with R.R. Donnelley & Sons in high speed print manufacturing. From there, she joined Sealed Air Corp. in Research and Development and has had a rewarding career in packaging R&D for 29 years. She is currently responsible for global Medical Solutions R&D, and just completed a lead role in the implementation of R&D in the new Charlotte Headquarters. She has held numerous positions across company Divisions, in both near term and long term research and development, involving extrusion materials and processes. Gloria was a founding member of Sealed Air’s Global Women’s Initiative Network (WIN) Steering Committee, serving as both co-chair and chair, and supported the early development of WIN Employee Resource Groups in multiple international sites. She and her husband have raised two children, now in their twenties. Her hobbies include hiking, biking, crossword puzzles, and reading.
Session 1

**Topic:** Creating a Balanced Work Life: Work, Family, Flow – Not to be Confused with WWTD!, by Tina Donahue, Siemens

Tina Donahue is a member of the Duty Optimization Team for Export Control and Compliance division for Siemens Corporate in Charlotte NC. She has worked in the import & export field for more than 25 years, and she is currently focused on Duty Drawback programs, Foreign Trade Zone setup and management and Bonded Warehouses.

Tina maintains her domestic engineer title at home along with her role at Siemens. Tina’s past experience includes working for the US Customs Service in NC and SC. She also has experience with 2AM Group as the Foreign Trade Zone Manager, setting up and running zones for suppliers of BMW manufacturing, and Adidas Group. Tina has worked full time since graduating from Wingate University with a BS degree in Business Management. Tina and her husband have raised two daughters.

“Courage is like a muscle. We strengthen it by use.” - Ruth Gordon

**Topic:** Women CAN and SHOULD Negotiate, by Leslie D. Kilgore, Thomas Built Buses

Leslie D. Kilgore, MPA, MSME is the Vice President of Engineering at Thomas Built Buses. She is responsible for leading the engineering operations from concept design to full production across all bus product lines. She adds to the Thomas Built Bus team extensive global experience from both automotive and the aerospace/defense industries in product design, development, launch, innovation and technology management with specializations in interior design, safety and public policy.

Leveraging her experience in automotive interior engineering and safety, Leslie was an advocate for automotive safety, and pioneered the first electric vehicle safety training program for first responders. This national program established the foundation for electric vehicle safety training for all first responders in the US and Canada. At Thomas Built Buses Leslie is leading the design and development of new safety and innovative technologies that will support the growing needs of the entire pupil transportation community from students to administrators.

As an active member in the community, Leslie has leadership positions on three nonprofit boards focused on alleviating and addressing issues facing school age children age 5-18. She also provides mentoring and support for local schools in the area of STEM education and careers.

Get Involved, Stay Connected and Grow your Network!

Kick Off & Networking Meeting (FREE and open to all)  
Friday, Nov. 3rd,  3:00-5:00 pm  
Ingersoll Rand, Davidson, NC

Meet Allison Grealis, Founder and President of WiM!  
For details and to RSVP visit:  
www.womeninmanufacturing.org/events/calendar

**Society of Manufacturing Engineers (SME)**  
Charlotte Chapter 182  
Meeting Info. and Future Events @ connect.sme.org/c182

Stop by their table today to learn more about their scholarship!

Great minds discuss ideas  
Average minds discuss events  
Small minds discuss people  

(Eleanor Roosevelt)
**Session II**

**Topic:** The Manufacturing Mile, by Amanda VandePol, GE Aviation

Amanda became the first Brilliant Factory Leader for the GE Aviation Piedmont site and is currently working to drive the Digital Industrial transformation at GE.

"Please see full bio under distinguish panelist"

"You have to have confidence in your ability, and then be tough enough to follow through." - Rosalynn Carter

---

**Session III**

**Topic:** What HR can do for You! by Ashley Kern, Ingersoll Rand

Ashley Kern is a Senior Human Resources Generalist for Ingersoll Rand. She has a combined 7 years of Human Resources experience from Corporate Talent Acquisition and Manufacturing HR. Ashley holds a Master's degree in Industrial-Organizational Psychology from Northern Kentucky University, a Bachelor's degree in Psychology from Florida State University, and her Professional of Human Resources certification.

She is the mother of two children (Augustus-20 months, Avery-3 months) who inspire her to work harder every single day.

**Topic:** What Women can do to Impact the Mfg. Workplace Now and For the Future by Mary Muwwakkil, Schaeffler Group

Mary Muwwakkil works as NA Manager of the Project Management Office in Transmission Applications for Schaeffler Group. Schaeffler is a leading supplier of bearings and systems for automotive, aerospace, and industrial markets. Mary has worked as an engineer for more than thirty years, mostly in the automotive industry. With so many recent advances in technology, she feels that this is an exciting time to work as an automotive engineer.

Mary holds a Bachelors degree in Mechanical Engineering Technology from the William States Lee College of Engineering and a MBA from the Belk College of Business at UNC Charlotte. She was bestowed the PMP global credential in 2013 for her work in project management.

In her spare time Mary likes to travel, cook, garden, golf and participate in activities at her church. She has been happily married to Abdul for 21 years.

"If you’re not making some notable mistakes along the way, you’re certainly not taking enough business and career chances.” - Sallie Krawcheck

**Topic:** Defy or Assimilate to the Company Culture, by Susan Barker, Stabilus

Susan K. Barker is the Director of Applications Engineering at Stabilus Inc. for the Automotive sector. Based out of the Detroit, MI area, she is responsible for the Applications Engineering, CAD and Product Validation teams- supporting every OEM in the NAFTA region. With 13 years at Stabilus, Susan has grown and taken on increased responsibilities- moving from Applications Engineering to Key Account Manager to Program Management lead and now Executive Management level. With one of her main focuses currently of developing and launching a Project Management software globally, Susan has taken on a global role in training and supporting the organization in managing successful launches. Previously before Stabilus, she also had a career at ZF Automotive and Chrysler LLC. Susan Barker has a BSME from Lawrence Technological University, graduating with highest honors and an MBA from Wayne State University, graduating with honors.

Accomplishments include being part of the first team of the Stabilus High Potential Rising Star program, launching of the first global Project Management system, growing new business innovation within the automotive business in North America, and being part of the Chrysler LLC Leadership Development program. Susan has a main focus on leadership and career development of team members through self-developed programs and initiatives. Being married and having two children, work-life balance and creating work-time flexibility for her employees is equally important, and she has worked extremely hard to establish that culture within her teams.
Christine Dooley, is currently the VP of Global Engineering for CommScope's Copper Systems and Intelligence portfolios. Christine has varying experience throughout her 22 years at AMP, TE, and CommScope. She has held positions in manufacturing engineering, manufacturing development, operations, product sustaining engineering, product development engineering, as well as served in several leadership roles.

Christine is passionate about the engineering discipline and process and believes that it is the driving force for CommScope's future success. Doing things on time, and right the first time is critical. Following a structured process increases the chance to accomplish this. On a personal note, Christine is married and has two daughters, 11 and 16. She grew up in NJ but has been located in NC the past 22 years.

Panel Moderator

Sandra L. Bouckley, FSME, P.Eng., is the 2017 SME president. Previously, she was the vice president of manufacturing systems, supply chain management and lean at GKN Driveline Americas. Bouckley had global leadership responsibilities on the GKN Driveline Global Manufacturing Systems Council and had been with GKN since January 2015. She retired in late 2014 from the position of vice president, operations for the Electrical Systems and Services Business for the Electrical Sector of Eaton to which she was appointed in March 2013. Prior to joining Eaton, Bouckley was global director of operations at Tyco Electrical and Metal Products (division of Tyco International) where she led 20 plants and the manufacturing engineering activities. Previously, Bouckley served as director of advance manufacturing engineering for the front-wheel drive platform at Chrysler. She was plant manager at six different facilities in the U.S. and Canada and ran the largest plant. Before Chrysler, Bouckley held positions in product engineering at General Motors both in the U.S. and Canada. She holds an MBA from Michigan State University, a master's degree in manufacturing management from Kettering University and a bachelor's degree in mechanical engineering from Kettering University. Bouckley is a professional engineer registered in the Province of Ontario, Canada.

She was elected to the SME Board of Directors and is serving through 2018. In 2016, she was a Science, Technology, Engineering, and Production Award honoree from the Manufacturing Institute. She has served on the boards such as SME Education Foundation and GMI Alumni Association and is also a member of both the Society of Automotive Engineers (winner of Outstanding Younger Member) and SWE.

Distinguish Panelists

Kimberly Mudar, Program Director, Sealed Air. Kimberly has 27 years of experience in R&D, Manufacturing, and Performance Improvement roles. She started her career with Michelin R&D and is now with Sealed Air Corporation, where her roles have included Executive Director of Equipment Quality, Global Director of Performance Improvement, Program Director of Innovation, and R&D Group Leader. She holds Bachelors and Masters Degrees in Materials and Mechanical Engineering, respectively. She is a Lean Six Sigma Black Belt, certified Project Manager, and recently obtained a Certificate in Neuromarketing and Cognitive Neuroscience while leading a research study at UNCC.

Lance Tucker, Propulsion Department Head, NAVAIR. Originally from Springfield, Virginia, Lance graduated from North Carolina State University with a Bachelor of Science in Aerospace Engineering and has spent the last three decades building a successful engineering and leadership career with the U.S. government. In 2004, he became and is currently the Propulsion and Power Department Head for Naval Aviation Depot (Navair) in Cherry Point, NC. Lance is very involved in college recruiting with a variety of universities and colleges. He has participated in many outreach, recruiting and STEM initiatives for K-12, higher ed, women, students of diversity as well as veterans. Lance resides in Swansboro with his wife and in his down time enjoys soccer, golf, boating and coaching sports. He has three grown daughters, all who have chosen STEM paths; one is an engineer, one is studying to be an engineer and the other is a nurse.

Amanda VandePol, Brilliant Factory Leader, GE Aviation. Amanda attended Calvin College and graduated with a B.S. degree in Computer Science. She joined Smiths Aerospace (acquired by GE Aviation in 2006) as a software engineer in 1998. While in the software engineering role, Amanda had an international assignment in Southampton, United Kingdom and completed her MBA at Grand Valley State University. In 2005, Amanda took a role in Sourcing and held several roles in this organization including Engineering Sourcing Leader, Sourcing Operations Leader and Sourcing Fulfillment Leader. In 2012, Amanda moved to the Strategic Operations Leader role in Grand Rapids, MI where she led the Manufacturing team in the assembly and test of Avionics components. She transitioned to the CFM business leader role in the Piedmont, South Carolina Aviation facility in October of 2014 where she led a team in the manufacturing of Turbine Airfoils supporting the CFM-56 engine team. In June of 2016, Amanda became the first Brilliant Factory Leader for the GE Aviation Piedmont site and is currently working to drive the Digital Industrial transformation at GE. Amanda enjoys running, traveling, reading and spending time with her family.