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. Joan Lorden, Provost
       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

10:30-10:45 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 9:00 - 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.
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 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.

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**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 Bachelor’s 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.

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

- Sallie Krawcheck

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**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
**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**

**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.

**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 US 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.