

# AGENDA

## The 2<sup>nd</sup> Annual Engineering Technology Symposium at Northwestern State University

Wednesday, November 20, 2019

*Northwestern State University, 175 Sam Sibley Dr.; Natchitoches, LA 71457*

*Friedman Student Union Building, Room 206*

Time	Activity	Note
8:30 – 9:45 am	Registration, Refreshments, and Exhibition	Student Union Building, Room 206
9:45 – 9:50 am	Welcome Remarks	Dr. Francene Lemoine, Dean, College of Arts and Sciences
9:50 – 9:55 am	Introduction	ET Department Head
9:55 – 10:20 am	Industry Presentations (~ 5-minutes each)	Industry exhibitors
10:20 – 10:35 am	American Welding Society Presentation	Mr. Mike Skiles, Director of AWS – District 9
10:35 – 10:45 am	Advanced Manufacturing Technician Initiative NSU/CLTCC /Geaux FAME	Mrs. Connie Baker, RoyOMartin, Vice Chair of GeauxFAME
10:45 – 11:15 am	Keynote Presentation “Manufacturing Challenges in Welding & Joining”	Dr. M. A. Wahab, Distinguished Professor, College of Engineering, LSU
11:15 – 11:25 am	Workforce Development Presentation	Mr. Wayne Denley, Vice-President of Knowledge Platforms
11:25 – 11:50 am	Hands-on Activity	ET faculty and students
11:50am	Lunch	Iberville
12:45 – 1:00 pm	IEEE NSU-chapter Presentation	ET students, First Robotics and CubeSat
1:00 – 1:15 pm	Evaluation and Closing Remarks	Student Union Building, Room 206

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MAIN SPEAKERS

**Dr. Francene Lemoine, Dean, College of, Arts and Sciences**



Dr. Francene J. Lemoine joined the faculty of Northwestern State in 2006 as an Assistant Professor of Biology. Since that time, she has served as the Director of the School of Biological and Physical Sciences (2015 – 2019) and is currently the Interim Dean of the College of Arts and Sciences. Her educational background includes a B.S. in Biology from the University of Southwestern Louisiana, a Ph.D. in Cell and Molecular Biology from Baylor College of Medicine, and post-doctoral fellowships at the University of North Carolina at Chapel Hill and Duke University Medical Center. She teaches a variety of biology courses for the university (including Biological Principles I, Cell Biology, and Virology) and advises the Beta Beta Beta Biological Honors Society. Dr. Lemoine is passionate about student and faculty engagement and enthusiastically serves Northwestern State as well as its students, alumni, and community.

**Mr. Mike Skiles, Director of American Welding Society – District 9**



Mike Skiles is currently finishing the 2 Term District 9 Director 2015-2020. He achieved Silver & Life Member status, as a AWS member for 38+ years. He serves on several **AWS National Committees including** Board of Directors as D9D, Districts Council, Foundation Grant Committee, National Nominating Committee, Communications Council, National Salesman Certification Committee, and A5A-- Shielding Gases. At the **section level he served as Chairman at** Acadiana Section (1981-1982, 2007-2015) and New Orleans Section (1998-1999). He won several **awards including** AWS District Director Certificate Award in 2010-2011, Represented District 9 at the Leadership Symposium in Miami, FL in 2009, AWS Meritorious Awards in 1979, 1996, 2009, and AWS Silver

Member Award in 2007. He serves on the advisory Board of 6 Louisiana Community Colleges, advocates for SENSE Welding curriculum in the state of Louisiana, attended the National AWS show for the past 8 years, orchestrated several combined section meetings both in the New Orleans Section, and in the Acadiana Section, frequently requested as a guest speaker at local Technical Schools to promote welding careers & at AWS Section meetings in our district, judged Junior and Senior High School welding projects at the regional level at the Greater New Orleans Science and Engineering Fair (GNOSEF) on the University of New Orleans Campus for 8 years.

**Mrs. Connie D. Baker, Senior Director of Human Resources, RoyOMartin**



Connie D. Baker is native of Natchitoches. She is married to Charlie Baker Jr and mother of Chasidee Baker. She is a graduate of Southern University and A&M College. She completed her Bachelors of Science in Mechanical Engineering and employed with RoyOMartin for 17 and half years as the Senior Director of Human Resources. She achieved the award of Inaugural STEP (Science, Technology, Engineering and Production) Honoree. She is the Vice Chair of GEAUX FAME Chapter, Vice Chair of Rapides Parish Workforce Development Board, Vice Chair of the Alexandria Civil Service Commission, Member of the North America Wholesale Lumber Association's Education Committee and a member of NAWLA's Women in NAWLA 10 Group.

**Dr. M. A. Wahab, Distinguished Professor, College of Engineering, LSU**



Prof. M. A. Wahab earned "Master of Science in Engineering" from the University of New Brunswick, Canada, and Ph.D. in Mechanical Engineering from the University of Alberta, Edmonton, Canada in 1984. After graduation he went to Australia and worked as a Faculty member in Mechanical Engineering from 1985 to 2001 at four different Australian universities (RMIT University, Universities of Tasmania, Central Queensland, and Adelaide). Subsequently he returned to USA and joined Mechanical Engineering at the Louisiana State University (LSU)-Central Campus in Baton Rouge, LA, in Jan.-2002. Currently he is the "Formosa Plastics Distinguished Professor of the College of Engineering at LSU." Dr. Wahab's research interest encompasses the general areas of Computational weld modeling, Composite mechanics, Fatigue and Fracture modeling, and Materials processing and characterization. Dr. Wahab was a founding member for the Australian "Cooperative Research Centers for Materials Welding & Joining (CRC-MW&J)" from 1992-1997 and contributed in strategic research initiatives of this Australian CRC. Dr. Wahab has advised 15 PhDs and 19 Maters in the general areas of Mechanical Engineering.

**Mr. Wayne Denley, Vice-President of Knowledge Platforms**



Wayne L. Denley is Vice President of Knowledge Platforms for the Central Louisiana Economic Development Alliance (CLEDA). Denley was previously Director of Business Retention and Expansion. During that time, he organized the Central Louisiana Manufacturing Managers Council. He originally joined CLEDA as a consultant/contract worker and coach for Business Acceleration Systems. Denley's time with CLEDA began shortly after retirement from a thirty-eight year career in Commercial Banking. A graduate of Louisiana State University in Finance, Denley also served a tour in Vietnam as a Marine Corps Infantry Platoon Commander.

Denley has served on several state and local boards. He served as Chairman of the England Economic Development & Airport Authority, the Community Foundation of Central Louisiana and the Louisiana Dragon Boat Races; and President of the LSUA Foundation, Rapides Regional Hospital, the Central Louisiana Chamber of Commerce, the Alexandria Museum of Art and the Alexandria Rotary Club; and Board Member for Central Louisiana Arts Council, Alexandria Port Authority, Louisiana Civil Service League, Council for a Better Louisiana, Tri-District Development Corporation, the United Way of Central Louisiana and other similar organizations.

Wayne is married to Valery Provosty and they have three children and one grandchild.