

IMPACT

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Featured article:
LEGAND BURGE JR.

2017



HALL OF Fame

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HALL OF FAME INDUCTEES



LEGAND BURGE JR., PH.D.

*President & CEO at LLBurge & Associates, LLC
(Ret) Vice-Commander of the U.S. Air Force*

Bachelor's, Master's and Doctorate in Electrical Engineering from OSU – 1967 to 1979

Legand Burge Jr. received his B.S. (1971), M.S. (1973), and Ph.D. (1979) in electrical engineering from OSU with research interest in coding theory, information theory, digital signal processing, communications, and engineering education.

Burge had a successful career in the Air Force and retired at the rank of colonel. A number of the positions he held included: Associate Professor in electrical engineering at Air Force Academy, Air Force ROTC Commander of Tuskegee Detachment 015, Operations Officer for Secretary of the Air Force Special Projects, Division Chief for Information Security/Communications Security/Computer Security/Cyber Security at the National Security Agency, Vice Commander of the entire Air Force ROTC program, and Dean of the Acquisition Management School at the Defense Systems Management College.

Following retirement from the Air Force, Burge became Dean of the College of Engineering, Architecture and Physical Sciences at Tuskegee University. Next, he worked as Assistant Provost for Institutional Effectiveness at Alabama State University, where he retired.

Burge started an information technology consulting firm, LL Burge & Associates, LLC, which he operated with his son, Legand Burge III. Burge has three adult children: Legand Burge III, LeAnn Crisp, and Lamuelle Burge, and a step-son Louis Burge.

His service on advisory boards has included: NSF Engineering Directorate, Advisory Committee on Government Performance Assessment, Northwestern University McCormick School of Engineering, Advancing Minorities' Interests in Engineering, Historically Black Colleges and Universities Council of Deans of Engineering, and National Society of Professional Engineers. Burge was elected to the ASEE Engineering Deans Council Executive Board. He is the author of numerous articles and has received many awards and recognitions throughout his career.



JACK GOERTZ, P.E.

Tandems, Ltd

Bachelor's and Master's in Industrial Engineering & Management from OSU – 1972, 1974

Jack Goertz graduated from the Industrial Engineering and Management program at OSU with a BS in 1972 and an MS in 1974. Through research grant as a graduate student, he received Top Secret clearance from the U.S. Air Force and worked on debugging simulation programs for Eglin Air Force Base.

Goertz had a 26-year career with Southern Company Services, the design engineering division for Southern Company, parent company of Alabama Power, Georgia Power, Gulf Power, Mississippi Power, Southern Nuclear, and other companies.

In the early '80's, he was part of the team that evaluated and selected a CAD-CAM system for the company. Personal computers were just entering the workplace, and Goertz used a PC to evaluate economics of the CAD-CAM systems under consideration. Due in part to his evaluation of CAD-CAM systems, PCs were brought into the company's engineering functions.

After transferring to the IT department, Goertz developed a variety of programs, such as a program to ensure all valves at a power plant were inspected during a 10-year cycle. His final years at Southern Company were in the Customer Service department, where he was deeply involved with data mining, reviewing massive amounts of data to do Root Cause Analysis to help determine what was happening when a particular system failed.

Goertz's entrepreneurial passion has always been bicycles. In 1974, he bought interest in a bicycle shop that has been recognized as a "Top 100" bicycle shop several times. In the '80's, he owned a business specializing in high-end bicycle components. In 1984, he opened a third bicycle shop, Tandems, LTD, which is a premier source for tandem bicycles, with customers in all 50 states and 10 foreign countries.