

IMPACT

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Featured article:
CAL VOGT

2013



2012 Hall of Fame



The son of a blacksmith, **WILSON A. "DUTCH" SHOFFNER** grew up on a family farm in rural Oklahoma, the youngest of 10 children. His interest in engineering and ROTC led him to Oklahoma State University, where he graduated with a bachelor's degree in mechanical engineering. In 1961, Shoffner married the love of his life, Beverly, and began his extended Army service.

Shoffner's Army assignments included commander of the Combined Arms Command and commandant of the U.S. Army Command and General Staff College at Fort Leavenworth, Kan.; commander of the 3rd Infantry Division with more than 30,000 personnel; director of force development for the Department of Army; and assistant division commander of the 1st Cavalry Division. His experiences covered a wide range of combat arms and field artillery assignments with his principal staff duties in combat development, force development, doctrine development, training and operations research and systems analysis. All of these assignments required very unique application of lifelong engineering skills.

After 32 years of service, and many significant honors and military promotions, Shoffner retired from the Army and went to work for Lockheed Martin in Grand Prairie, Texas. He finished his career there in 2003 as vice president of product development.

Shoffner's major efforts with Lockheed Martin's product development included advanced armaments, combat system survivability and signature management, advanced interceptor missiles, advanced sensors and fire control, synthetic battlefields and operations research and system analysis.

He has served on the Army Science Board and is currently a member of the Fires Center of Excellence Senior Advisory Council and the Russian Academy of Science. He continues to serve as a consultant to various national defense activities and is a national security fellow with the Institute of Strategic and Innovative Technologies. Although much of the engineering work Shoffner performs for these boards has classified applications, the subject matter areas include high-power microwaves, high-energy lasers, kinetic energy and em-launched weapons. He also continues to counsel the OSU University Multispectral Laboratories.

Shoffner holds a master's degree in International Relations from George Washington University. He and Beverly have two sons, Allen and Andy. Both are serving in the U.S. Army. Allen is the deputy commanding general of the 1st Armored Division at Fort Bliss, Texas. Andy is the colonel of cavalry and a senior fellow at the School of Advanced Military Studies at Fort Leavenworth.



CALVIN "CAL" VOGT was born in Guthrie, Okla., and graduated from Guthrie High School in 1949 before attending Oklahoma State University. While at OSU, Vogt married his wife, Marilyn. He graduated from OSU with both bachelor's and master's degrees in electrical and computer engineering.

Vogt has always been a visionary with an ambition to see the world. He began his career at Bell Telephone Labs in New York City, where he was awarded his first patent. After one year, he was called into active duty as a lieutenant in the Signal Corps for the Army. Upon completion of his service in 1956, he began working for Century Electronics and Instruments, a small firm in Tulsa, Okla. Over the next 13 years, he was a part of developing several electronic innovations and products that received extensive patents.

After leaving Bell in 1969, he and his partners purchased several companies, which he managed simultaneously. These companies included Southern Specialties Corp., Geophysical Research Corp. and Indel-Davis. Over the years, Vogt received more patents while

developing several new designs of products sold to QuikTrip stores, Hilti Corp., and others. Some of these products include point-of-sale terminals, rolling cigarette cases, coffee bar metal stands and more.

During his career, Vogt's research and developments turned out to be some of the primary work leading to the development of high-speed CRT printers, facsimile recorders and transducers.

Vogt has traveled extensively around the world to manage three business entities in five U.S. cities and 10 foreign countries. Under Vogt's leadership, calibration offices were established in Mexico, Canada, Scotland, India, Dubai and Singapore.

Vogt was a pioneer in the instrumentation for oil and gas exploration and production. He contributed significant technical expertise for downhole temperature and pressure measurement devices. Many devices developed under his leadership have become industry standards throughout the world. One of his most notable achievements was the invention of the first automated parking meter.

Although mostly retired, Vogt still owns a couple of companies and remains an active member of the CEAT Associates group as well as the CEAT Campaign Committee. Vogt was named Citizen of the Year by the Executives of Tulsa organization in 2011.

He and Marilyn have four sons, Brian, Alan, Stan and Steve. Three of the four attended OSU, as did the Vogts' four oldest grandchildren.

Vogt has dedicated his life to making the world a better place through innovation and entrepreneurship as a tireless inventor, innovator and leader in his field.



A native of Dickson, Oklahoma, **JERRY L. WINCHESTER** was fascinated with engines and systems and loved football while he was growing up. These interests would be the foundation for his successful career at Oklahoma State University, as well as professionally.


Winchester majored in engineering technology at OSU, and was heavily involved in the mechanical power program, which he credits as valued preparation for his career in the energy service sector. He was also a key player on OSU's football team, a defensive tackle selected to the All-Big 8 Conference Academic Team.

After graduation, Winchester took a job with Halliburton Energy Services, where he became the global manager of well control, coil tubing and special services. In 1998, he became president and chief executive officer of Boots & Coots International Well Control Inc. and grew the company from \$25 million in annual revenue to \$280 million in just six years. He was responsible for four major acquisitions and a secondary stock offering. His company became a leader in the oil well fire fighting and blowout control services globally, with focused efforts on snubbing, hydraulic workover, risk management and tool rental services.

In 2011, Winchester expanded his career by taking the CEO position for Chesapeake Energy Corp.'s oilfield services. He has lead vertical integration efforts to boost service offerings and revenue streams from \$700,000 to well over \$1 billion. In one year, Winchester has brought together seven energy service companies into a single corporate entity that supports most active drillers in the U.S.

Winchester is proud of his tool development that will cut and remove a wellhead from a damaged or burning well. This product was deployed in Kuwait after the Persian Gulf War, and he personally supervised its operation in the Al-Awda project there, taking a five- to seven-day method down to a 45-minute job.

He and his wife, Rae, have two daughters, Leigh and Abbie. Winchester enjoys flying, and he and his family take many trips in the family plane, including to OSU football games.

Winchester has been a three-time finalist in the Ernst & Young Entrepreneur of the Year Award and has served as chairman of the OSU Alumni Association Board of Directors. He is currently on the Board of Trustees for the OSU Foundation, as well as a board member for the National Cowboy & Western Heritage Museum. 

71

SHOFFNER, VOGT AND WINCHESTER WERE INDUCTED INTO THE CEAT HALL OF FAME ON SEPT. 21, 2012.