



**Professor Charles Wesley Bert, III (1929-2015)**

See:  
<http://journalogy.net/Author/12849728/charles-w-bert>  
[http://books.google.com/books/about/Symposium\\_Honouring\\_Charles\\_W\\_Bert\\_and\\_J.html?id=LENZHAAACAAJ](http://books.google.com/books/about/Symposium_Honouring_Charles_W_Bert_and_J.html?id=LENZHAAACAAJ)  
<http://www.sagepub.com/editorDetails.nav?contribId=525789>  
[www.barnesandnoble.com/c/charles-w.-bert](http://www.barnesandnoble.com/c/charles-w.-bert)  
<http://www.asc-composites.org/fellows.htm>  
<http://www.aamech.org/fellows/fellows.html>  
<http://blogs.ou.edu/ame/2012/01/05/heres-to-you-dr-bert/>

School of Aerospace and Mechanical Engineering (AME), Oklahoma University

**Partial Obituary (from the February 8-11, 2015 issue of The Oklahoman):**

Charlie was a quiet gentleman who truly cared for others. He will be greatly missed by his family and many friends. Charlie grew up in Greencastle, PA and graduated from Greencastle High School in 1947. He received two mechanical engineering degrees: a Bachelor of Science degree in 1951 and a Master of Science degree in 1956 from Pennsylvania State University. He was commissioned a 2nd Lieutenant in the United States Air Force Reserve, served on active duty during the Korean War from 1952-54 and retired as a Captain in 1963.

Charlie worked at Fairchild Aircraft in Hagerstown, MD where he met his wife, Charlotte. They were married in 1957 and moved to Columbus, OH for Charlie to pursue a Ph.D. in Engineering Mechanics at Ohio State University, graduating in 1961. They moved to Norman in 1963 where Charlie served for 41 years as a Professor in the School of Aerospace and Mechanical Engineering at the University of Oklahoma, retiring in 2004. He served as Director of the School from 1972-78 and 1990-95. He was named a George Lynn Cross Research Professor in 1981 and held the Benjamin H. Perkinson Chair.

Charlie's work in composite materials earned him an international reputation in the field; he authored or co-authored 205 papers in refereed journals, published one monograph, edited three books, produced 13 book chapters and 158 other papers. In connection with his research, he mentored 26 Doctoral students and over 40 Master's students. He was a registered Professional Engineer, and consulted on numerous projects including the design of the propulsion clutch for the USS Nautilus (first nuclear submarine), first annular air-oil shock absorber, steel-belted radial tires and NASA Space Shuttle payload-bay doors. Charlie was elected as Fellow to seven technical organizations, including the American Society of Mechanical Engineers, the American Institute of Aeronautics and Astronautics and the American Society for Composites. - See more at:

<http://legacy.newsok.com/obituaries/oklahoman/obituary.aspx?pid=174090953#sthash.S92E5gKE.dpuf>

#### **More about Professor Bert:**

Charles W. Bert is known internationally for his contributions to the field of mechanics with a special emphasis in the analysis, design and manufacture of composite materials. He is the recipient of the highest recognition for research at the University of Oklahoma - the George Lynn Cross Research Professorship.

He developed several new courses for both undergraduate and graduate students, and served with distinction as the director of the School of Aerospace and Mechanical Engineering.

To honor Professor Bert's long-standing commitment to academic achievement in engineering, the AME established the Charles W. Bert Lecture Series, which features outstanding professors and researchers lecturing on cutting-edge topics in aerospace and mechanical engineering.