

David W. Yarbrough, Ph.D.
Professor of Chemical Engineering, Emeritus

Professor Yarbrough joined the Faculty of the College of Engineering in June, 1968 and served on the faculty until retirement in August, 2001. He was promoted to Professor of Chemical Engineering in 1976, served as Associate Dean of Engineering for Graduate Studies and Research from 1976 to 1979, and Chairman of the Department of Chemical Engineering from 1987 to 2001. He taught courses in Thermodynamics, transfer science, and applied mathematics. His contributions to the Department are numerous. The following are a few highlights of his career.

Education:	BChE (with honor)	Georgia Institute of Technology	(1960)
	MS	Georgia Institute of Technology	(1961)
	PhD	Georgia Institute of Technology	(1966)
	U.S. Army Command and General Staff College		(graduate)
	U.S. Army Executive Development Course		(graduate)
	Industrial College of the Armed Forces		(graduate)
Recognitions:	The International Conductivity Conference Award		(1987)
	The ASTM C 16 Honors Award (with listing on permanent plaque at ASTM)		(1997)
	The Caplenor Award (TTU) (with listing on permanent plaque at TTU)		(1987)
	The Brown-Henderson Award (TTU)		(1990)
	Distinguished University Scientist by The Tennessee Academy of Science		(1998)
	Sigma Xi Research Award (TTU)		(1983)
	ASTM C 16 – Award of Appreciation		(1992)
	International Who's Who in Engineering		
	Who's Who in Engineering		
	American Men and Women of Science		
Career Highlights:	Author or co-author of 200+ papers, reports, and presentations.		
	Invited lectures:		
		University of Mexicali	(1993)
		University of Honduras	(1998)
		University of Kentucky	(1983)
		Vanderbilt University	(1993)
		University of the West Indies	(1998)
		University of Guadalajara	(1973, 1974)
		Universidad Nacional Aotonoma de Mexico	(1973)
		Instituto Politecnico Nacional (Mexico)	(1973)

Session Chair – World Congress III of Chemical
 Engineering – Tokyo (1986)
 Session Chair – Cairo 5th International Conference (1996)
 Participant: 40th Canadian ChE Conference (1990)
 17th Meeting of the Mexican Institute of Chemical Engineers (1987)
 2nd International Conference of Cellular Polymers, Edinburgh (1993)
 4th International Chemical Engineering Conference, Portugal (1985)
 Gordon Research Conference (1992)
 Cellulose Insulation Meeting, Sydney, Australia (1996)
 Conference Organizer – 19th International Thermal Conductivity
 Conference held at TTU (1985)
 Session Chair – ASTM Symposia (1991,2002)
 Editorial Board - J. of Thermal Envelope
 and Building Science (1992- present)

Major Professor for five PhD graduates from TTU ChE Engineering
 (including the first ChE major graduated with a PhD)
 Research Adviser for approximately 50 MS graduates from
 Chemical Engineering, TTU
 Research Staff Member, The Oak Ridge
 National Laboratory (1979-present)
 President R&D Services, Inc, Cookeville, TN (1994-present)
 External Examiner, The University of the West Indies (1998-2002)
 Past-President and Fellow of the Academy of Science
 Fellow and Current Treasurer: International Thermal
 Conductivity Conference
 Governing Board Member for the ITCC (1986-present)

Additional Items: U.S. Army Research Liaison Officer, ETDL, Ft. Monmouth, NJ
 Retired, Lt. Col. SC (1987)
 Adjunct Faculty, U.S. Army Command and General
 Staff College (1984-1987)
 Military Academy, West Point, NY, Area Liaison (1975-1978)

 Registered Professional Engineer (active) Tennessee
 Florida
 ASTM Subcommittee Chair C 16.24 (1998-present)
 ASTM Subcommittee Chair C 16.21 (1985-1995)
 Completed 25 years of service at the
 Oak Ridge National Laboratory (2003)
 Metals and Ceramics Division 24 years
 Engineering Science and Technology Division 1 year and current
 TTU Sigma Xi Club (Chapter): Past President and Secretary-Treasurer
 TTU Phi Kappa Phi: Chapter Member and Past President
 Member: Tau Beta Pi, Phi Kappa Phi, and
 Pi Mu Epsilon (Mathematics)

Contact Information:

Email: dyl@ornl.gov
dave@rdservices.com

Telephone: (931) 526-3348 R&D Services, Inc.
(865) 574-5139 ORNL

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