



**PRAIRIE VIEW
A&M UNIVERSITY**

Curriculum Vitae

Faculty Name:	Ronald D. Boyd	Work Address:	P.O. Box 519; MS 2525 Prairie View, TX 77446
Position Title:	Honeywell Endowed Professor, Distinguished Professor of Mechanical Engineering (ME), Director of the Thermal Science Research Center (TSRC), and Texas A&M University System (TAMUS) Regents Professor		
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Education:	Degree and Area of Study	Institution Name	Degree Date
	Ph.D. Mechanical Engineering	University of Michigan, Ann Arbor	June, 1976
	M.S. Mechanical Engineering	University of New Mexico, Los Alamos, NM	May, 1970
	B.S. Mechanical Engineering	Tuskegee Institute (with Honors)	December, 1967

Teaching Experience	Position Title	Institution Name	Position Dates (Beginning and End)
	TAMUS Regents Professor	Prairie View A&M University	2006-Present
	Distinguished Professor	Prairie View A&M University	2000-Present
	Honeywell Professor of Engineering	Prairie View A&M University	1991-Present
	Professor	Prairie View A&M University	1988-1991
	ME Department Head	Prairie View A&M University	1985-1988
	Associate Professor	Prairie View A&M University	1985-1988
	Adjunct Professor	University of New Mexico	1978-1980
	Lecturer	University of Michigan	1972-1975
	Noble Prize for Excellence in Education: Teaching, Research, and Service	NAFEO	2007
	Distinguished College of Engineering Alumnus Award	University of New Mexico	2005

Professional Publications:	
	Boyd, R.D., 2015, "High Heat Flux Removal Using a Hypervapotron; Part I: High Heat Flux-Side Controlling Parameters," <i>Fusion Science and Technology</i> , Vol. 67, pp. 745-753.
	Boyd, R.D., May, A.M., Cofie, P., and Martin, R., "High Heat Flux Removal Measurements in a Single-Side Heated Monoblock Flow Channel With a Helical Wire Insert," The 41 st IEEE International Conference on Plasma Science and the 20 th International Conference on High-Power Particle Beams, Washington, DC, May 25-29, 2014.
	Boyd, R.D., (2013), "Thermal Management High Heat Flux Amplification Conceptual Model," <i>Journal of Propulsion and Power</i> , Vol. 29 (No.1), pp. 16-20.
	Boyd, R.D., "Thermal Management Using a Hypervapotron; Part I: Some Controlling Parameters," Nuclear and Emerging Technologies for Space (NETS-2013), Paper 6903, Albuquerque, NM, February 25-28, 2013.
	Boyd, R. D. and May, A. M., (2010), "Conjugate Heat Transfer High Heat Flux Amplification Simulation," <i>Fusion Science and Technology</i> , Vol. 57, pp. 129 – 141.

Additional Trainings/Skills:	Sandia National Laboratories, Member of the Technical Staff (MTS), Albuquerque, NM, 1976-1985.
	University of Michigan and Willow Run Laboratory, Research Assistant, Ann Arbor, MI, 1972-1975.
	Los Alamos Scientific Laboratory, MTS, 1968-1971.