

Mark Holtzapple, Ph.D.

*Professor of Chemical Engineering
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In 1978, Mark Holtzapple received his B.S. in chemical engineering from Cornell University. In 1981, he received his Ph.D. in chemical engineering from the University of Pennsylvania.

From 1981 to 1985, he served in the U.S. Army and rose to the rank of captain. While in the Army, he performed research on water desalination and microclimate cooling, a method for cooling soldiers encapsulated in chemical protective clothing.

In 1986, Dr. Holtzapple became an assistant professor in the Department of Chemical Engineering at Texas A&M University. He has been steadily promoted and now holds the rank of professor. Dr. Holtzapple is recognized for his excellent teaching and research and has won the numerous awards, including The Association of Former Students Distinguished Achievement Award for Teaching and the Spirit of Innovation Award for Ingenuity.

Dr. Holtzapple has authored nearly 100 technical articles and reports, plus a widely used engineering textbook. Further, he has more than 22 issued patents, numerous pending patents, and over 80 patent disclosures. His research interests include fuels and chemicals from biomass, food and feed processing, water desalination, air conditioning, high-efficiency engines, jet engines, and vertical-lift aircraft.