

Brief bio for Dr. Ryan Umstatted

Ryan is the Vice President of Product and Partnerships for Zap Energy where he is developing the go-to-market strategy for cost-effective fusion energy. After completing his PhD in Applied Science (Plasma Physics), Ryan served for 20 years in the Air Force as a scientist, professor, and program manager for a first-of-its kind satellite. Prior to transitioning to the private sector, he also served at the Advanced Research Projects Agency for Energy (ARPA-E) where he helped prepare breakthrough energy technologies for transition from the lab to customers within the Department of Defense. During his last year at ARPA-E, he was the Deputy Director for Commercialization, responsible for oversight of 11 tech-to-market advisors and the hands-on management provided to 300+ project teams for a \$250M/yr research and development portfolio.