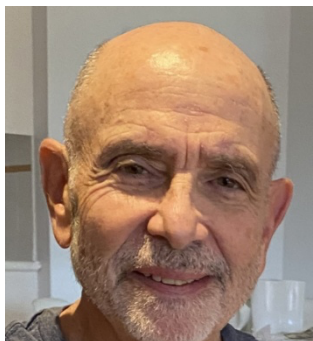


Jim Ultman (2016)



Nov 8, 2018: The Six Million Dollar Man

April 14, 2021: Pandemics Past and Present: What We Have Learned

James (Jim) Ultman was born in Chicago, a Cubs fan who had to wait many years to finally see a World Series championship. He earned a BS in chemical engineering from Illinois Institute of Technology. His participation in a research project while a college Senior led to a career-long interest in the applications of engineering to medicine. With biomedical engineering still a nascent field, he chose a more conventional research pursuit, fluid mechanics, while obtaining his MS and PhD in chemical engineering at the University of Delaware. After graduation, Jim was awarded a National Institutes of Health Postdoctoral Fellowship at the University of Minnesota. Continuing his career in the Department of Chemical Engineering at Penn State, Jim was one of the founding members of the Inter-college Graduate Degree Program in Bioengineering. In addition to developing and teaching biomedical engineering courses, he built an active research program at University Park, often in collaboration with physicians at the Hershey Medical Center. Jim served a term as Chair of the Inter-college program in Physiology at Penn State. He had sabbatical leaves as a Fulbright professor at the Technion (Israel Institute of Technology) and as a visiting scholar at the Duke University College of Medicine. Jim and his wife, Deena, who was the Administrator of the Penn State Hillel Foundation, have a family of 3 daughters and 2 grandchildren. After retiring in 2006, Jim has enjoyed traveling the world with Deena, playing the Ukelele, volunteering at the Discovery Space children's museum, at Center Volunteers in Medicine, and at his synagogue Congregation Brit Shalom.

Updated 4/10/2025