



Charles P. Beetz

Outstanding Alumni Award 2011

- 1970 B.S., Physics and Mathematics, Morehead State University
- 1978 Ph.D., Physics, Purdue University



Charles Beetz began his career as an applied physicist at General Motors Research Laboratory, rising to the position of Principal Research Scientist and Section Manager for Materials Physics. Leaving GMRL, Dr. Beetz began a streak of successful startup companies. In 1988, he cofounded Advanced Technology Materials, Inc., a global leader in specialty semiconductor and high-purity materials that went on the NASDAQ in 1993. In 1995 he co-founded NanoSciences Corporation, originally named NanoSystems, Inc., using micromachining technology to fabricate nanowire structures for applications in magnetic memory and advanced photocathodes.

Dr. Beetz co-founded ZoomEssence, Inc. in 2008 where he is responsible for the design and development of novel atomization and powder drying technology. In addition to his work in science and the technology industry, Dr. Beetz owns Rose Hill Farm Winery with his wife, Virginia. Dr. Beetz earned a B.S. in Physics and Mathematics from Morehead State University in 1970 and completed a Ph.D. at Purdue University in 1978 under the direction of Prof. Gianni Ascarelli.

Last Updated: Apr 29, 2016 4:37 PM

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