

Jesko A. von Windheim

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Dr. von Windheim has played an integral role in a number of start-up companies based on early-stage technologies. He helped form Unitive Electronics, which was acquired by Amkor and remains a leader in its field. He was also a co-founder of Cronos Integrated Microsystems, a microelectromechanical systems (MEMS) company. Cronos was acquired by JDS Uniphase. Dr. von Windheim was CEO of Nextreme Thermal Solutions. He founded Nextreme in 2004 with technology acquired from RTI International and licensed from the Jet Propulsion Laboratory (JPL). Nextreme was acquired by Laird Technologies in 2012. A current project is Zenalux (www.zenalux.com) which is commercializing technology developed at Duke that can detect biomarkers and diagnose disease such as cancer by shining light onto biological tissue.

Dr. von Windheim has worked with Duke in various capacities to help promote entrepreneurship at the university. He has been adjunct professor with the Pratt School of Engineering where he developed and taught courses around Engineering Entrepreneurship and Marketing for Engineers. He also continues to serve on the ITA (Innovation to Application) Advisory Board at Duke Pratt School of Engineering.

Dr. von Windheim holds bachelor's degrees in chemistry and physics (McMaster University, Canada), a master's degree and a Ph.D. in chemistry (University of Guelph, Canada), and an MBA from the Kenan-Flagler business school. Dr. von Windheim holds 8 patents and has numerous publications in the fields of solar cell research and diamond thin film materials.