

Scott S. Harris '82

ROBERT H. GODDARD AWARD FOR OUTSTANDING PROFESSIONAL ACHIEVEMENT

Scott Harris, described as a visionary and key thought leader in the industry of computer-aided design, you embody the WPI ideals of ingenuity, invention, and innovation.

Since the early 1980s, you have worked in engineering and design automation software development. As a co-founder of SolidWorks Corporation and vice president of the New Product Concepts Group, you led the team that developed products and prototypes that pushed the boundaries of user-interface, surface representations, and modeling metaphors. Your work has resulted in one of the most innovative and successful CAD products ever created. Today, more than 1.7 million product designers and engineers worldwide, representing thousands of organizations, use Solidworks to bring their designs to life.

Prior to Solidworks, you led product definition and geometry development teams for 10 years at Computervision, an early pioneer in the CAD industry. You began your career at Pratt & Whitney Aircraft, designing, analyzing, and testing jet engine components and developed innovative computer techniques to define and evaluate aerodynamic surfaces for jet engine nacelles.

Today, your record of ingenuity and innovation continues through your involvement with several start-up

companies in the fields of computer-aided design, 3D printing, interactive 3D displays, hybrid automobiles, and Alzheimer's patient tracking. You have published on geometric modeling and share a patent in surface modeling geometry.



You share WPI's commitment to solving problems of consequence to communities around the globe. An advocate for social action, you work tirelessly to promote education, engineering, and entrepreneurship in developing countries. In Rwanda, you established a small com-

pany called Gasabo 3D, which provides a career pathway for local students. You also helped develop and advise the Rwanda Innovation Endowment Fund, a United Nations-sponsored program that helps Rwandan entrepreneurs build solid companies. You mentor engineering, business, and design students here at home, you serve as a board member of the Central Mass Search and Rescue Team, and you are co-founder of Team SolidWorks, a cycling organization that has raised millions of dollars for cancer research.

Scott Harris, your remarkable career and commitment to social action are the expression of the very best of a WPI education. We are proud to recognize you with the Robert H. Goddard Award for Outstanding Professional Achievement.