MINORU TAYA directs the Center for Intelligent Materials and Systems. His research focuses on electronic packaging and composites and smart materials. In this work he interacts with several Boeing groups on design of smart structures for military aircraft and electrochromic windows for commercial airplanes. He authored the first books on functional composites: *Metal Matrix Composites* (with R. J Arsenault, 1989) and *Electronic Composites* (2005). Professor Taya tops the UW list of most prolific innovators for 2004 with 18 inventions. He earned his MS in civil engineering and PhD in theoretical applied mechanics from Northwestern University and a BS at the University of Tokyo. He is a Fellow of the American Academy of Mechanics and of ASME.

THE BOEING COMPANY and the UW College of Engineering share a mutually beneficial relationship that extends back to the earliest days of both institutions. Thousands of UW engineering grads have launched careers at Boeing, and a select few have been world leaders in shaping the aerospace industry. Since 1986, Boeing has endowed eight faculty positions, several in honor of these leaders. The latest recognizes the late Maynard L. Pennell, who graduated from the UW in 1931 with a BS in aeronautics and astronautics. He joined Boeing in 1940 as a stress analysis engineer and later led the study, design, and research teams that engineered and produced America's first jet transport, the prototype for the Boeing 707. After more than 40 years with the company he retired as supersonic transport program director and corporate vice president.

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Adjunct Professor of Materials Science and Engineering
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