

Contact: Diana Gonzalez

FACULTY PRESENTATION AT IOWA STATE UNIVERSITY:
“ACCIDENTAL ENTREPRENEURSHIP – NAVIGATING THE MARKET AND UNIVERSITY
POLICIES TO TRANSFER TECHNOLOGY”

Action Requested: Receive the presentation.

Executive Summary: Dr. Eliot Winer will discuss his research to improve patient diagnosis and treatment as well as physician training using 3D medical imaging methods. He will also describe the challenges that had to be overcome transferring this research to the commercial marketplace in the software BodyViz.

Dr. Winer is associate director of the Virtual Reality Applications Center (VRAC) at ISU, associate professor in the Department of Mechanical Engineering, and a faculty member of the Human Computer Interaction Graduate Program. He received a Bachelor of Science degree in Aerospace Engineering from The Ohio State University in 1992 and Master of Science and Ph.D. degrees in Mechanical Engineering from the State University of New York at Buffalo in 1994 and 1999, respectively.

He teaches courses on mechanical systems design, optimization, and professional ethics. His research interests include Internet technology for large-scale collaborative design; analysis, visualization, and interaction with medical data studies; multidisciplinary design synthesis; computer-aided design and graphics; and virtual reality modeling for conceptual large-scale design. He currently has funded research projects with John Deere, U.S. Department of Education, Air Force Office of Scientific Research, Department of the Army, National Science Foundation, and National Aeronautics and Space Administration. He is a co-founder of three startup companies, the latest of which is BodyViz.com.