

## Congratulations to Dr. Jeff Bauer for Receiving the Chancellors' Award for Excellence from SUNY Cortland

**Dr. Jeff Bauer, Dartfish Sport and Exercise Science Advisory Board Member and an author of *Dynamic Biomechanics*, receives the Chancellor's Award for Excellence.**



CORTLAND, New York, USA - Jeffrey A. Bauer, an associate professor of kinesiology at SUNY Cortland, received the Chancellor's Award for Excellence in Scholarship and Creative Activities during the 2009 Undergraduate Commencement on Saturday, May 16. The Chancellor's Award process begins at each of the 64 SUNY campuses with nominations submitted by the respective presidents.

Dr. Bauer directs research and development for integration of Dartfish technology into the curriculum of SUNY Cortland, including for the Kinesiology and Sport Management Departments. He developed two curricular offerings, Computer Applications for Exercise Science Majors and Digital Video in Exercise Science. With other faculty, he designed one-credit courses for the Coaching Masters Program. He is also a co-author of a first-of-its-kind, fully online e-text for undergraduate Biomechanics classes, used in conjunction with Dartfish software.

Because Dr. Bauer was an early expert at implementing digital technology into the classroom, in 2006 he was invited to join Dartfish USA, Ltd. to serve on its national advisory board for visual digital imaging technology and analysis. "His interface between the corporation and the classroom has been invaluable, as we seek new avenues and methodology for use of video analysis and its application throughout the learning process," stated Victor Bergonzoli, CEO of Dartfish World.

In one of three areas of research, Bauer includes the integration of digital video and gait technologies used in settings for rehabilitation to improve the evaluation of therapeutic modalities and to better track patient outcomes. To explore video applications in clinical settings, Bauer participates in SUNY Cortland's partnership with Dartfish USA, Ltd., to expand the use of Dartfish digital video analysis software beyond its original focus of sport to broader educational applications.



He has been interviewed by national media regarding his research on lower leg injuries. His scholarship has been published extensively by journals in the field of biomechanics, as well as other areas related to exercise science, such as the *Journal of Strength and Conditioning Research*, *Research Quarterly for Exercise and Sport* and *Sports Biomechanics*.

Bauer has conducted research at the Institute for Biomechanical Analysis in Sport and Interdisciplinary Study, Munich, Germany, and was invited to teach a graduate course in Biomechanics at the Universidade Gama Filho, Rio de Janeiro, Brazil.

Bauer has made more than 54 professional presentations at national, international, regional and community venues. In the international arena, Bauer has presented at the Paromed Annual Gait Technology Conference at several locations in Germany, at the World Congress on Orthopädie and Reha-Technik in Nürnberg, Germany, and at the Second IOC World Congress of Sport Sciences in Barcelona, Spain.

He has served as reviewer and editor of *Orthopaedic and Sports Medical Journal* since 1995. Bauer also is a reviewer and contributing editor for the *Journal of Strength and Conditioning Research* (JSCR), and a reviewer for *Medicine and Science in Sport Exercise* (MSSE), *International Sport Medicine Journal* and *Medicina Sportiva*.

Dr. Bauer was previously employed as a programmer/analyst and a systems analyst for Military and Data Systems Operations for General Electric Aerospace. He was also an academic computing fellow for three years at The Pennsylvania State University and, during his doctoral studies, an assistant professor and director of the biomechanics laboratory at University of Florida.