

Computer Science Department

Presents

“Multidisciplinary Computing Research and Education – Why, What, When,
Where, Who”

Jim Foley
Georgia Institute of Technology

Wednesday, November 20, 2002
12:30 – 1:30 pm.
CS Main Classroom (room 381)
1890 Maple Avenue, 3rd floor

Abstract:

The discipline of computing is about integrating computer science and other disciplines. Hence multidisciplinary research and education are an essential part of computing. In this talk I:

- provide my vision of computing;
- define what I mean by multidisciplinary research and education;
- discuss why it is important;
- describe the strategies used to build the multidisciplinary GVU Center at Georgia Tech;
- show examples of GVU Center research projects.

Biography:

Jim Foley is Associate Dean in the College of Computing at Georgia Tech, and holds the Steven Fleming Chair in Telecommunications. He was recently CEO of Yamacraw, Georgia's economic development initiative in the design of broadband systems, devices, and chips. Prior to that he was CEO and Chairman of Mitsubishi Electric Information Technology Center America, where he was responsible for Mitsubishi's corporate R&D in North America. Earlier, he was Director of MERL - Mitsubishi Electric Research Laboratory. From 1991 to 1996 he was Professor of Computer Science at Georgia Tech, where he was founding director of the Graphics, Visualization and Usability Center in the College of Computing. The Center was ranked number one in 1996 by *US News and World Report* for graduate computer science work in graphics and user interaction. He previously served on the faculties of the University of North Carolina and then the George Washington University - becoming Chairman of the Department of EE&CS before moving to Georgia Tech. Foley is co-author of three computer graphics texts and a Fellow of the ACM and IEEE. He received SIGGRAPH's bi-annual Steven Coons award for contributions to computer graphics, and is one of seven inaugural members of the SIGCHI Academy for contributions to Computer-Human Interaction.

Dr. Foley is chairman of the Computing Research Association - an organization of over 200 computer science and computer engineering university departments, professional societies and research labs. He has consulted extensively for corporations and government agencies, and serves on several advisory boards.