span.SPELLE {mso-spl-e:yes;} span.GRAME {mso-gram-e:yes;}

Curriculum Vitae for **Kenneth R. Fleischmann, Ph.D.**

Appointments:

2004-present Assistant Professor, College of Information, Florida State University, Tallahassee, FL

Education:

2004 Ph.D., Science and Technology Studies, Rensselaer Polytechnic Institute, Troy, NY.

2002 M.S., Science and Technology Studies, Rensselaer Polytechnic Institute, Troy, NY.

1999 B.A., Computer Science and Anthropology (Summa Cum Laude, with Honors), Case Western Reserve University, Cleveland, OH.

Doctoral Dissertation:

Exploring the Design-Use Interface: The Agency of Boundary Objects in Educational Technology

Chair: David J. Hess, Professor and Chair, Science and Technology Studies, RPI.

Committee:
Ron Eglash, Associate Professor, Science and Technology Studies, RPI.
Nancy D. Campbell, Assistant Professor, Science and Technology Studies, RPI.
William A. Wallace, Professor, Decision Sciences and Engineering Systems, RPI.

Awards, Grants, and Fellowships:

May-August 2005 Florida State University First Year Assistant Professor (FYAP) Award.

May-June 2005 Funded to participate in two two-week workshops at Florida State University on Technology Integration and Hybrid Courses.

October 2003 Rensselaer Polytechnic Institute's Founders Award of Academic Excellence.

2002-2004 Dissertation Improvement Grant, Program in Science, Technology, and Society, National Science Foundation (SES-0217996). This two-year grant has provided funding for travel and equipment necessary for my dissertation research.

1999-2002 Graduate Research Fellowship, National Science Foundation. This three-year fellowship funded

my first three years of graduate work, during which time I completed my coursework and all other pre-dissertation requirements, by providing both a cost-of-education allowance to my institution and a stipend.

June 2001 First Annual Graduate Webshop, College Park, MD. I was selected to participate in this highly selective NSF-funded (ITR-0086143) three-week workshop, which included the top faculty and students in the field of social studies of the Internet and was held at the University of Maryland at College Park, the University of California Berkeley, and Stanford University.

Spring 1999 Callender Memorial Award for outstanding achievement in anthropology.

Spring 1999 Susie Scott Christopher Prize for excellent contributions to the French program.

Spring 1998 Inducted into Phi Beta Kappa.

Spring 1998 Inducted into Phi Sigma Iota (International Foreign Language Honor Society).

Spring 1997 Inducted into Golden Key National Honor Society.

1995-1999 President's Scholarship, Case Western Reserve University. This highly competitive four-year scholarship helped to fund my education at CWRU.

Spring 1995 Valedictorian, Ball High School, Galveston, TX.

Peer-Reviewed Journal Articles:

In Press Fleischmann, K.R. "Do-It-Yourself Information Technology: Role Hybridization and the Design-Use Interface." Forthcoming in *Journal of the American Society for Information Science and Technology*.

In Press Fleischmann, K.R. and Wallace, W.A. "A Covenant with Transparency: Opening the Black Box of Models." Forthcoming in *Communications of the ACM.*

2005 Fleischmann, K.R. "Virtual Dissection and Physical Collaboration." *First Monday*, 10(6).

2003 Willemain, T.R., Wallace, W.A., Fleischmann, K.R., Waisel, L.B., and Ganaway, S.N. "Bad Numbers: Coping with Flawed Decision Support." *JORS: The Journal of the Operational Research Society*, 54(9): 949-957.

2003 Fleischmann, K.R. "Frog and Cyberfrog are Friends: Dissection Simulation and Animal Advocacy." *Society and Animals*, 11(2): 123-143.

2002 Fleischmann, K.R. "Cadaver Use and Coping Mechanisms in a Biomechanics Laboratory." *Omega: The Journal of Death and Dying*, 46(2): 117-135.

Invited Articles and Chapters:

In Press Wallace, W.A. and Fleischmann, K.R. "Main Issues in Ethics of Operations Research." Forthcoming in *Omega: The International Journal of Management Science* (invited).

In Press Wallace, W.A. and Fleischmann, K.R. "Models and Modeling." Forthcoming in *Encyclopedia of Science, Technology, and Ethics*, Edited by Carl Mitcham. Macmillan Reference (invited).

Book Reviews:

In Press Fleischmann, K.R. "Book Review: The Digital Sublime: Myth, Power, and Cyberspace." Forthcoming in *Journal of the American Society for Information Science and Technology*.

Teaching Experience:

Fall 2004, Spring 2005, Fall 2005 Interface Design – This course is an introduction to basic theory for effective interface design through the study of human-computer interaction and programming practices. Students learn the principles of interaction design and then apply these principles using the Java programming language.

Fall 2004, Spring 2005, Fall 2005 Societal Implications of the Information Age – This course explores the mutually constructive relationship between information technology and society through discussion of key issues facing information professionals. Class activities encourage development of teamwork skills and an emphasis on professional and social responsibility.

Fall 2003 Medicine and Society – I was the sole instructor of this sophomore-level course, a requirement for the STS specialization in Medicine and Society, under the guidance of Dr. David J. Hess. My syllabus includes three segments: historical and social studies of biomedicine, medicine in cross-cultural context, and ethics of new medical technologies. I designed the syllabus to provide students with a broad overview of the topic while also focusing on issues of particular interest to students situated within the highly international and technological context of RPI.

Spring 2003 Politics and Economics of Information Technology – I was a section instructor in this required course for Information Technology. I was responsible for two hours of course content per week, and was also involved in developing and coordinating plenary activities. The syllabus for this course was developed by Dr. Atsushi Akera (akeraa@rpi.edu), and challenged students to propose community-based social advocacy projects within a structure of entrepreneurial innovation. Student evaluations of my teaching performance are available from the RPI STS Office.

Fall 2002 Product Design and Innovation Studio V – I served as a teaching assistant in this required course for juniors enrolled in RPI's interdisciplinary Product Design and Innovation Program, funded by the National Science Foundation (DUE-9950931).

Conference Panels Organized:

"IT and Education," 27th Annual Society for Social Studies of Science (4S) Conference, Atlanta, GA,

October 2003.

“The Mutual Construction of Virtual and Physical Worlds,” 25th Annual 4S Conference in Cambridge, MA, November 2001 (co-organized with Ron Eglash).

“Technoscience and the Agency of the Dead,” 24th Annual 4S Conference, Vienna, Austria, September 2000.

Papers Presented:

"Technologies of Conflict and Cooperation: Embedding Knowledges and Values in Educational Computer Simulations. 2nd Annual Humanitech Graduate Conference, Albany, NY, April 2004.

"Exploring the Design-Use Interface: The Agency of Boundary Objects in Educational Technology. 6th Annual MIT-RPI-Cornell STS Graduate Student Conference, February 2004.

“Exploring the Design-Use Interface: Knowledges and Values Embedded in Educational Computer Simulations,” 27th Annual 4S Conference, October 2003.

“The Ethics of Virtual Bodies,” 1st Annual HumaniTech Graduate Conference, Albany, NY, April 2003.

“Boeing Meets Baudrillard: Simulation in a Hyperreal World,” 25th Annual 4S Conference, November 2001.

“Simulating Surgery: Travels in CorpoReality,” Society for Literature and Science (SLS) Conference, Buffalo, NY, October 2001.

“Design and Evaluation of Computer Simulations for Education and Training” First Annual Graduate Webshop, College Park, MD, June 2001.

“Simulating Hyperreality: Boeing Meets Baudrillard,” 3rd Annual MIT-RPI-Cornell STS Graduate Student Conference, Troy, NY, February 2001.

“Designing the Digital Dead: Medical Education in the 21st Century,” 24th Annual 4S Conference, September 2000.

“Dissecting Cyberfrogs: Computer Simulations and the Animal Rights Movement,” Committee for the Anthropology of Science, Technology, and Computing (CASTAC) Conference, St. Paul, MN, June 2000.

“Dissecting the Digital Dead,” 2nd Annual MIT-RPI-Cornell STS Graduate Student Conference, Cambridge, MA, April 2000.

“Computers Creating Cadavers: Ethnography of a Cyber-Age Anatomy Laboratory,” Colloquium on the Cultural Studies of Science presented by the CWRU Department of Philosophy, Cleveland, OH, May 1999.

Service:

2004-2005 Member, Undergraduate Program Team, College of Information, FSU

2004-2005 Member, Information Service Team, College of Information, FSU

Fall 2003 Ambassador to Potential Donors for RPI Institute Advancement.

Spring 2001 Co-Organizer, Working Boundaries Graduate Conference, Troy, NY.

1999-2001 Prospective Student Outreach Coordinator, Department of Science and Technology Studies, RPI.

Spring 1999 Selection Committee Member – Carl F. Wittke Award for Outstanding Undergraduate Teaching, CWRU.

1998-1999 Student Member of the Committee on Educational Programs of the College of Arts and Sciences, CWRU.

1998-1999 President, Anthropology Society, CWRU.

1998-1999 Secretary, Le Quartier Français, CWRU.

1997-1999 Corresponding Secretary, Golden Key National Honor Society, CWRU.

Skills:

Computer: I am proficient in Java, C, Visual C++ with OpenGL, PASCAL, BASIC, SQL, QBE, SPSS, SDA, and HTML. I have extensive experience with word processing, spreadsheet and database use, Internet applications, and programming on Windows, Macintosh OS, and Unix platforms.

Language: I completed an undergraduate minor in French and I am very comfortable reading, writing, speaking, and listening in French.

Research: My research training at the undergraduate and graduate levels includes a wide variety of qualitative and quantitative methodologies.

Contact Information:

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