The Visual Culture Center at The University of Wisconsin-Madison
presents

Visualizing Science
7.February until 8.February, 2008

Suggested Readings from Research Colloquium Panel Members

PANEL ONE: How do issues of audience and communication shape the way science is visualized?

From Shiela Reaves, Professor, Life Sciences Communication, sireaves@wisc.edu

1) Solso, Robert L. (2003). Psychology of Art and the Evolution of the Conscious Brain. Bradford Books.
2) Reaves, S. (2004). "A survey of reactions to photographic manipulation." In Handbook of Visual Communication: Theory, Methods, and Media (pp. 445-458). Smith, K, Moriarty, S., Barbatsis, G, Kenney, K. (eds). Lawrence Erlbaum Associates: Mahwah, NJ.

From Ahna Skop, Assistant Professor, Genetics & Medical Genetics, skop@wisc.edu

1) Skop, A., et. Al (July 2004) "Dissection of the Mammalian Midbody Proteome Reveals Conserved Cytokinesis Mechanisms", Science.
2) Skop, A. (January, 2008) "Following the Image," AAAS, Available at: http://sciencecareers.sciencemag.org/career_development/previous_issues/articles/2008_01_08/caredit_a0800010

From Dietram Scheufele, Professor, Life Sciences Communication, scheufele@wisc.edu

1) Kahneman, D. (2003). "Maps of bounded rationality: A perspective on intuitive judgment and choice. " In T. Frängsmyr (Ed.), Les Prix Nobel: The Nobel Prizes 2002 (pp. 449-489). Stockholm, Sweden: Nobel Foundation.
2) Scheufele, D. A. (2006). "Messages and heuristics: How audiences form attitudes about emerging technologies. " In J. Turney (Ed.), Engaging science: Thoughts, deeds, analysis and action (pp. 20-25). London: The Wellcome Trust.

From Meghan Doherty, PhD Candidate, Art History, mcdoherty2@wisc.edu

1) Latour, Bruno. "Drawing things together." In Representation in Scientific Practice, edited by Michael Lynch and Steve Woolgar, 19-68. Cambridge, Mass.: MIT Press, 1990.
2) Latour, Bruno. "How to be iconophilic in art, science, and religion?" In Picturing Science, Producing Art, edited by Caroline A. Jones, Peter Galison. New York: Routledge, 1998.

PANEL TWO: What are the roles of culture, technology and subjectivity?

From Professor Wendy Crone, Associate Professor, Engineering Physics, crone@engr.wisc.edu and Greta Zenner, Materials Research Science and Engineering Center, gmzenner@wisc.edu

1) W.C. Crone, "Bringing Nano to the Public: A Collaboration Opportunity for Researchers and Museums," Susan E. Koch, Editor, Nanoscale Informal Science Education Network, Science Museum of Minnesota, St. Paul, MN, 2006. Available at http://mrsec.wisc.edu/Edetc/reprints/guidebook2006.pdf
2) Tourmey, C. (October, 2007) "Cubism at the Nanoscale." Available at: www.nature.com/naturenanotechnology