



**DIANE F. HALPERN, Ph.D.**, Professor of Psychology and Director of the Berger Institute for Work, Family, and Children at Claremont McKenna College, has won many awards for her teaching and research in the areas of critical thinking, sex differences in cognitive abilities, and most recently, work-life balance.

In response to a speech given by Lawrence Summers, president of Harvard University, who suggested that the inequality between men and women in science and mathematics might be linked to biology, Diane was invited to participate as part of panel discussion on *Women in Science: Are They Being Held Back?* She also provided an invited congressional briefing on the issues of *Women in Science*.

Diane chaired a conference on “Applying the Science of Learning to the University and Beyond: Cognitive, Social, and Motivational Factors” that was funded by grants from the Spencer Foundation and Marshall-Reynolds Trust. She presented the outcomes from the conference to the White House Office of Science and Technology and the Science Committee of the US House of Representatives and served as a primary author on the U.S. Department of Education’s *Goals 2000*.

Diane has served as president of the Western Psychological Association, the Society for the Teaching of Psychology, and the Division of General Psychology of the American Psychological Association. Currently, she is Past-President of the American Psychological Association.

Dr. Halpern has written approximately 350 journal articles and book chapters. A very short list of her most recent and/or most applicable titles include:

- *From Work-Family Balance to Work-Family Interaction: Changing the Metaphor* (2005).
- *Thought and Knowledge: An Introduction to Critical Thinking* (4<sup>th</sup> ed., 2003),
- *Thinking Critically About Critical Thinking* (with Heidi Riggio, 2003),
- *Sex Differences in Cognitive Abilities* (3rd ed., 2000),
- *Enhancing Thinking Skills in the Sciences and Mathematics* (1992)

#### **Scheduled Events that are open to the Public:**

Public Lecture and Reception

*Sex, Lies, and Audiotape: A Cognitive Analysis of the Clinton-Lewinski Scandal*

Tuesday, April 11<sup>th</sup>, 7:00pm

Englert Theater

Seminar co-sponsored by the Department of Educational Psychology and Quant and the Belin Blank Center for Gifted and Talented

*Converging Evidence and Large Effect Sizes Say We Should Move from “Can We?” to “Best Practices” in Developing College Students’ Critical Thinking Skills*

Wednesday, April 12<sup>th</sup>, 3:00-4:00pm, 301 Lindquist Center (LC)

Seminar co-sponsored by the Department of Psychology and the Graduate Program in Neuroscience

*Sex Differences in Cognitive Abilities*

Thursday, April 13<sup>th</sup>, 3:00-4:00pm, 101 BBE

Workshop on Work-Life Balance sponsored by WISE (registration required)

*Work and Family and Health: The Business Case for Family Friendly Work Policies*

Friday, April 14<sup>th</sup>, 11:30-1:30pm, TBN

Dr. Halpern’s visit to The University of Iowa is sponsored by the Women in Science and Engineering (WISE) program in conjunction with the Ida Beam Visiting Scholars program, with co-sponsorship by the Carver College of Medicine, College of Public Health, CLAS-Department of Psychology, Intercollegiate Athletics, Grad Program in Neuroscience, College of Engineering, COEd-Ed Psych & Quant, CLAS-Department of Physics, University Libraries, Council on the Status of Women, Belin-Blank Program, Department of Women’s Studies, Tippie COB-Undergrad Program.



**SHERYL A. SORBY, Ph.D.**, Associate Dean of Engineering and Chair of Engineering Fundamentals Department at Michigan Tech. has conducted significant research in gender differences in spatial visualization. She has developed materials and strategies for improving spatial skills, thereby enhancing the retention and success of women engineering students. Her research, supported by NSF, has resulted in a textbook, a workbook, and multimedia software. At Michigan Tech, Dr. Sorby has instituted a spatial skills development course that is now a well-established part of the curriculum. She has collaborated with faculty from several universities to bring spatial skills courses to their campuses and has worked with colleagues at North Carolina State University who plan to develop a high school visualization curriculum.

Dr. Sorby has also been a leader on two projects aimed at improving pre-college math and science instruction. The first project entailed placement of MTU graduate students in local schools to assist teachers in the development of age-appropriate science and math activities in keeping with state and national standards. In the second project, Dr. Sorby worked with colleagues at Michigan Tech and Michigan State to include engineering applications in math and science education for in-service as well as pre-service teachers.

She was the recipient of the Dow Outstanding New Faculty Award in 1996 and the recipient of the Distinguished Teaching Award in 1998, both for the North Midwest Section of the American Society for Engineering Education. She was inducted into the Michigan Tech Council of Alumnae in 1997. In 2005 she received WEPAN's Betty Vetter Award for research on women in engineering.

Dr. Sorby has played an active role in the American Society for Civil Engineers, serving as the Secretary and then the Chair of the Committee for Faculty Development. In addition, she was chair of the Education Special Interest Group for the I-DEAS Users' Group, the chair of the Women in Academia subcommittee of the Society for Women Engineers, and the Chair of the Engineering Design Graphics Division of the American Society for Engineering Education.

She has published more than sixty journal articles and conference proceedings and is the author of seven textbooks.