

EARLY INTERVENTION: K-8 PROGRAMS

Moderator: Dr. Marsha Lakes Matyas
Project Director
Education and Human Resources
American Association for the Advancement of Science

Dr. Matyas currently serves as the director of the Women in Science Program in the Directorate for Education and Human Resources Programs of the American Association for the Advancement of Science. After receiving B.S. (with highest distinction) and M.S. degrees in biology, she remained at Purdue University to earn a Ph.D. in biology education. Her research fields include factors affecting science interests and participation rates among women and minorities at both the precollege and undergraduate levels. In 1987, Dr. Matyas summarized the research on precollege science and mathematics education for females for a publication by the U.S. National Academy of Sciences. In July 1987, she convened the first U.S. national conference on women in science and engineering, entitled "Changing Vision to Reality". Dr. Matyas currently serves on the national Academy of Sciences National Research Council Committee on Women.

Presenters: *"Martha's Daughters - Middle School Intervention"*
Mary A. Jasper
Associate Professor
Industrial Engineering
Mississippi State University

"A Successful Middle School Teacher Enhancement Program: Project SEED (Science Education Through Experiments and Demonstration)"
Dr. Paula G. Leventman
Assistant Dean of Engineering
Director, Women's Programs
Northeastern University

"The Expanding Your Horizons Conferences After 15 Years"
Dr. Amy Sands
Board of Directors
Math/Science Network

