

## PRE-COLLEGE PROGRAMS FOR ENGINEERING CAREER AWARENESS

Moderator: Gloria Hill  
Director  
Carnegie Mellon Action Project  
Carnegie Mellon University

Gloria Hill is the Director of the Carnegie Mellon Action Project (CMAP), the minority engineering program at Carnegie Mellon University (CMU). In addition to assisting the University with recruitment, CMAP provides undergraduate minority students with a range of support services including a summer bridge program, tutoring, academic advising and monitoring, counseling and pre-professional development. She is responsible for overall program management and fund raising. Ms. Hill is past president of the National Association of Minority Engineering Program Administrators (NAMEPA). NAMEPA was conceived in 1979 to establish a communication network among college administrators of minority engineering programs (MEP) and to provide a cohesive voice in the national minority engineering effort. A partnership between educators, corporations and community agencies, NAMEPA's goal is to increase the recruitment, admission, retention and graduation of Black, Hispanic and Native American students majoring in engineering disciplines. Ms. Hill holds a B.S. degree from Ohio University, and an M.Ed degree in Counselor Education from the University of Pittsburgh. She is currently a Ph.D. candidate at the University of Pittsburgh majoring in higher education administration.

### *"Bringing Young Minority Women to the Threshold of Science"*

Dr. Rachelle S. Heller  
Associate Professor

Dr. C. Dianne Martin  
Assistant Professor  
Electrical Engineering & Computer Science  
George Washington University

### *"Pre-College Programs for Engineering Career Awareness"*

Betty P. Preece  
Science Education Consultant  
Indianapolis, Florida

