

Biographical Sketches

Panel Session I

Diana Dalbotten

Dr. Diana Dalbotten is the Director of Diversity Programs at the National Center for Earth-surface Dynamics (NCED). At NCED she spearheads efforts to increase diversity with the center and in STEM fields in general. She develops and coordinates programs for Native American youths in K-12 and at the undergraduate level on the Fond du Lac Reservation in northern Minnesota. At the undergraduate level she coordinates the Undergraduate Summer Internship Program, designed to provide research opportunities for underrepresented students at NCED. At the institutional level, she has developed and runs the Faculty-to-Faculty program, designed to involve faculty from minority serving institutions and from colleges with high minority enrollment in the research of NCED.

Cinda-Sue Davis

Since 1984, Dr. Cinda-Sue Davis has directed the University of Michigan Women in Science and Engineering (WISE) Program which encourages girls and women, from elementary school through graduate school, in science, engineering and mathematics through intervention programming, advocacy, and research. She has authored numerous papers on WISE issues and is the co-editor of *The Equity Equation: Fostering the Advancement of Women in the Sciences, Mathematics, and Engineering*, published by Jossey-Bass in 1996. Davis has a Ph.D. in biochemistry and is the recipient of numerous awards, including the "Can-Doer" award for science education from the Michigan Technology Council and the Maria Mitchell Women in Science Award. The UM WISE Program was recognized in 2000 with the Presidential Award for Excellence in Science, Mathematics, and Engineering Mentoring and in 2003 was named an "exemplary program" by the Congressionally Mandated Committee "Building Engineering and Science Talent" (BEST).

Anne Donnelly

Dr. Anne Donnelly has served as ERC Associate Director for Education and Outreach for nine years for the now-graduated Particle Engineering Research Center at the University of Florida. She is currently the co-PI and Director of the South East Alliance for Graduate Education and the Professoriate, a partnership between the University of Florida, Clemson University, and the University of South Carolina. Secondary partners include the Florida-Georgia and South Carolina LSAMP programs.

Lisa Hunter

Dr. Lisa Hunter is the Director of Education and Human Resources at the Center for Adaptive Optics (CfAO), where she develops and leads programs aimed at students from the undergraduate to graduate and postdoctoral levels. At the undergraduate level her work focuses on creating learning environments, both in the classroom and through research experiences, which increase access for all students in science and engineering. At the graduate and postdoctoral level she led the development of a professional development program that teaches young scientists and engineers methods for teaching the processes of science and engineering to teach course content. She has worked extensively on projects partnering the astronomical observatories in Hawaii to develop a local workforce. Her most current efforts include the development of a new workshop to address diversity and equity in science and engineering through curriculum revisions.

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Lorelle Meadows

Dr. Lorelle Meadows is Coordinator of Academic Affairs for the College of Engineering, as well as an Assistant Research Scientist working in the area of applied ocean physics. In the former role, Lorelle coordinates the activities of the Diversity and Outreach Council for the College of Engineering at the University of Michigan (<http://www.engin.umich.edu/admin/adaa/diversity/index.html>) and leads initiatives based on the goals of the Council and the College.

Recorder and Reporter

Susan Rosevear is the Education Officer at the Center for Materials Science and Engineering (a MRSEC) at the Massachusetts Institute of Technology. She has been responsible for developing and administering the Center's education programs for the past fifteen years, beginning with a single middle-school program in 1992 and growing to a diverse portfolio of programs for K-12 students, teachers, undergraduates, and graduate students.