

THE ROLE OF FACULTY IN WOMEN IN ENGINEERING PROGRAMS

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Indira Nair is Associate Professor and Associate Department Head in Engineering and Public Policy at Carnegie Mellon University in Pittsburgh, Pennsylvania. Her research interests include environmental problems, risk analysis, risk communication and uncertainty in science; ethics and technology; science teaching, public education, educational administration, and student development. Nair received a Ph.D. in Physics from Northwestern University and taught physics, chemistry and biology in the high school for several years.

At Carnegie Mellon, she teaches several interdisciplinary courses including Radiation, Health and Policy; Science Technology and Ethics. Her service activities there include committees for programs for women in science and engineering, student quality of life and faculty and student ethics. She also founded the CMU chapter of Student Pugwash, an international organization devoted to student explorations of scientific, technological and social relationships and responsibility. She received the 1993 Doherty Prize, the highest award at Carnegie Mellon for contribution to teaching and education.

Nair chaired the Advisory Panel for the U.S. Congress Office of Technology Assessment on "Green Design" and co-authored an OTA report on Biological Effects of Power-Frequency Electric and Magnetic Fields. She works with several high school and precollege teacher resource programs.

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