

## **ADVANCE PROGRAM at UMBC**

Established in 2003 with funding from a prestigious NSF Institutional Transformation Award, the ADVANCE program seeks to enhance policies and practices affecting the recruitment, selection, promotion, and transition of women faculty in the science, technology, engineering, and mathematics (STEM) fields. The goal is to ensure that women will be represented in all departments, will advance through the faculty ranks and into leadership positions, and will reflect the diversity of the UMBC student body.

ADVANCE supports leadership development, increases networking opportunities, and provides support to all STEM faculty on issues concerning the tenure and promotion process, grant writing and other pertinent issues related to faculty life at UMBC, and family and medical leave.



# **Dr. Meg Urry**

## ***A Supermassive Black Hole at the Heart of Every Galaxy***

**September 11, 2006  
4:00 p.m. – 6:00 p.m.  
Library, 7<sup>th</sup> Floor**

Funding for the ADVANCE Distinguished Speaker Series  
provided by the National Science Foundation.

**UMBC**  
AN HONORS UNIVERSITY IN MARYLAND



Dr. Meg Urry is the Israel Munson Professor of Physics and Astronomy at Yale University, and Director of the Yale Center for Astronomy and Astrophysics. Dr. Urry received her Ph.D. from the Johns Hopkins University in 1984 and her B.S. in Physics and Mathematics summa cum laude from Tufts University in 1977.

Her scientific research focuses on active galaxies, which host accreting supermassive black holes in

their centers. She has published over 130 refereed articles in scientific journals, on unification, host galaxies, relativistic jets, and the demographics of supermassive black holes. Her current interests include the mass function of black holes and the co-evolution of active and normal galaxies. Dr. Urry is a Fellow of the American Physical Society and of American Women in Science, and a recipient of the Annie Jump Cannon prize of the American Astronomical Society. She is a member of the National Research Council's Board on Physics and Astronomy and co-chairs its Committee on Astronomy and Astrophysics. Prior to moving to Yale in 2001, Dr. Urry was a senior scientist at the Space Telescope Science Institute, which runs the Hubble Space Telescope for NASA. Dr. Urry is also known for her efforts to increase the number of women in the physical sciences.

## ***ADVANCE Distinguished Speaker Series***

***4:00 - 5:00 p.m.***

### **Opening Remarks**

Dr. Phyllis Robinson  
Associate Professor, Biological Sciences  
Co-PI, ADVANCE Program

### **Introduction of Speaker**

Dr. Geoffrey Summers  
Dean, Natural and Mathematical Sciences

### **Lecture: *A Supermassive Black Hole at the Heart of Every Galaxy***

Dr. Meg Urry  
Israel Munson Professor of Physics and Astronomy, Director of the Yale Center for Astronomy & Astrophysics, Yale University

***5:00 – 6:00 p.m.***

### **Reception**