

ROBERT D. MAURER LECTURE SERIES

2004

“The Dark Side of the Universe: Beyond Stars and the Starstuff We Are Made Of”

**Dr. Michael S. Turner,
National Science Foundation Assistant Director for
Mathematical and Physical Sciences**

Giffels Auditorium Old Main

April 1, 2004

7:30 pm

Reception Following

The sky is filled with hundreds of billions of galaxies, all lit up by their stars. But stars account for less than one percent of the material in the Universe, and galaxies are held together by a new form of matter – dark matter -- that accounts for 1/3 of the "stuff" in the Universe. The other 2/3 exists in an even more mysterious form -- dark energy -- and is causing the expansion of the Universe to speed up, rather than slow down.

Dr. Turner is Assistant Director for Mathematical and Physical Sciences at the National Science Foundation while on leave from The University of Chicago's Department of Astronomy & Astrophysics, where he is the Rauner Distinguished Service Professor. Until joining the NSF, he was the department chair. Dr. Turner is a Fellow of the American Physical Society, a member of the National Academy of Sciences, and the recipient of numerous honors for his research, his undergraduate teaching and his public lectures. He appears frequently on television programs such as Nova.

Sponsored by the Office of the Chancellor, University of Arkansas Physics Department and
Fulbright College of Arts and Sciences

For more information about this event, contact the Physics Department at 479 575-5836