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# Climate Change

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# University of Dayton, Ohio (url: <http://www.udayton.edu/index.php>)



## Climate Change

**04.11.2008 | Faculty, Campus and Community, Energy and Environment**

Is global warming a hoax? Are environmental regulations effective or just an added burden on consumers? Are alternative energy sources really practical?

University of Dayton physics professor Robert Brecha will answer these questions and more at 7 p.m. Wednesday, April 16, in the Science Center auditorium.

His public lecture will address the current knowledge of the earth's changing climate, projections for the future and the effect of environmental policies on the economy.

Brecha, who was trained and has done research in optics, shifted his focus in the last five years to sustainability, energy and the environment. He now spends summers collaborating with economists and natural scientists at the Potsdam Institute for Climate Change Research in Germany.

Much of his research concentrates on how to avoid serious economic consequences while simultaneously reducing greenhouse gas emissions.

"A particular interest of mine is in tying together climate, economic and energy system models and thinking about the consequences of coming fossil-fuel depletion challenges," he said.

Brecha has a B.S. in physics from Wright State University and a Ph.D. in physics from the University of Texas at Austin. He is a professor in the UD department of physics and the Brother Leonard Mann Chair in the Natural Sciences.

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