

**UNIVERSITY OF TEXAS AT DALLAS**  
**DEPARTMENT of PHYSICS and SIGMA XI SOCIETY**  
**COLLOQUIUM**

<http://www.utdallas.edu/physics/lectures/info/>

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Wednesday, October 3, 2007; 4:00-5:00 PM  
TI Auditorium, ECSS 2.102

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**Answer the Call: Global Warming and What  
YOU Can Do about it**

**Professor Radha Krishnan**

*The University of Texas at Dallas*

Climate scientists tell us that the globe is warming and that it is largely due to anthropogenic activity. They also tell us that we have between 7 and 10 years before an irrevocable tipping point is reached. This talk is part of the efforts of the speaker to spread the word on this approaching cataclysm and the numerous ways already available to avoid it. Thus the focus of the talk is on the mitigation pathways, rather than on the science of global warming.

The talk will start with a simplistic model for the phenomenon of global warming, proceed to laying out some of the measured data to support the model and thesis, and close the theoretical part with some empirical evidence from around the globe. This half of the talk will feature a portion of the slides assembled by Vice President Al Gore.

The remainder of the talk will concentrate on exploring the solutions space, both from the perspective of individuals, and public policies and research directions.

**About the speaker:** Dr. Krishnan obtained her Bachelors degree from the Indian Institute of Technology, Chennai, India, and her Masters and PhD degrees from The Pennsylvania State University. She worked as an Assistant Professor of Mechanical Engineering at the University of Maryland. Most recently, she was on the Faculty of the Computer Science Department here at UTD, where she continues as Adjunct Professor currently. Her past research interests have included Computer Vision areas such as pose estimation and motion detection.

She has always been environmentally aware and has tried to live a life reflective of this. She became interested in global warming as a natural progression from her environmentalism. She was trained, to give the global warming presentation, by Al Gore as part of his 1000+strong "cavalry".