

Kerry Harrison Cook
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Education

Ph.D 1984, Atmospheric Sciences, North Carolina State University, Raleigh NC.
M.S. research, 1975-1977, Space Physics, Rice University, Houston TX.
B.S. 1975, Astronomy, Physics minor. Villanova University, Villanova PA.

Employment History

8/08 – present: Professor, Jackson School of Geosciences, Department of Geological Sciences, The University of Texas at Austin
8/91-8/08: Assistant, Associate, Full Professor of Atmospheric Science, Department of Earth and Atmospheric Sciences, Cornell University, Ithaca, NY
2006 – present: Director of Graduate Studies for Atmospheric Science
1999-2004: Director of Undergraduate Studies, Science of Earth Systems
11/85-7/91: Research Meteorologist, Geophysical Fluid Dynamics Laboratory (GFDL), Princeton University/NOAA, Princeton NJ.
9/84 - 9/85: Postdoctoral Research Associate, Environmental Sciences Division, Oak Ridge National Laboratory, Oak Ridge TN
5/81 - 8/84: Global Change Research Fellow, Institute for Energy Analysis, Oak Ridge Associated Universities, Oak Ridge TN.

Professional Activities (Selected Current and Recent)

Meeting organization

- Session on African Climate, Climate Variations and Change Conference, AMS Annual Meeting, January 2008
- Workshop on the West African Monsoon Modeling Experiment, AMS Annual Meeting, January 2008 with Yongkang Xue
- Workshop on African Drought, May 2008, ICTP Trieste, with Filippo Giorgi
- AGU Joint Assembly, May 2007: session on African and South American Hydroclimate, with Yongkang Xue and William Lau
- CLIVAR Workshop on the Predictability of Southern and East African Precipitation, Dar es Salaam, Tanzania, July 2006, with Chris Reason

UCAR Member's Nominating Committee, Chair 2005-6

UCAR University Relations Committee, 2004-2008, Chair 2007-2008

Numerous public and university presentations on global warming, e.g.

- Boyce Thompson Institute, Effects of 21st century climate change on the Amazon rainforest
- Focus the Nation – Teach In on Climate Change at Cornell panel Feb 2008
- Panels to discuss “An Inconvenient Truth” at Cornell Cinema and various local churches and civic groups

- Guest on “1370 Connection with Bob Smith”. One hour call-in radio program on WXXI, the NPR affiliate in Rochester NY
- Cornell Engineering Graduate Student Association (October 2007)
- Cornell alumni functions in Ithaca and San Francisco (Cornell Silicon Valley Alumni Association)
- Panel on the Social Responsibility of Scientists, Physics Graduate Society, Cornell University

Recent invited presentations and seminars:

- “Tipping elements in the Earth System: The Atmosphere”. Climate Change: Global Risks, Challenges, and Decisions, Copenhagen, march 2009. (Invited)
- 55th Annual NSF Systematics Symposium, Missouri Botanical Garden: Climate Change and Biodiversity in Africa and Madagascar 17-18 October 2008. (Invited)
- Keynote invited lecture, Goldschmidt Conference on Geochemistry, Vancouver, BC, July 2008 (declined)
- Invited speaker, NSF-USDA funded International Workshop on Supercomputing Applications in Climate Sciences and Remote Sensing, Cairo Egypt May 2008 (declined)
- Keynote speaker, Workshop on East African Climate and Climate Change, Rutgers University, May 2008
- University of Michigan, Ann Arbor, Department of Geological Science Smith lecture series, November 2007
- Workshop on the Response of North African Ecosystems to Abrupt Climate Change, Bremen, Germany, November 2007
- University of Nebraska, Lincoln, Department of Geosciences seminar, September 2007
- Institute for the Study of Continents Workshop, Cornell (September 2007)
- Geoscience Academics in the Northeast Writing Retreat, July 2007
- Florida State University, Department of Meteorology, March 2007
- Workshop on Sahel Climate Change, Columbia University, March 2007
- 3rd WGNE Workshop on Systematic Errors in Climate and NWP Models, San Francisco, February 2007
- One Day University, Global Climate Change lecturer (declined)
- Women in Math, Science and Engineering Symposium, Florida State University, March 2007
- AGU Fall 2006 meeting, session on “Past Climate Variability From the Last Glacial Maximum to the Holocene in South America and Surrounding Regions”
- African Monsoon Multidisciplinary Analysis Program, SOP Debriefing and Preparation of Process Studies, Toulouse, France, November 2006
- CLIVAR Workshop on Climate and Weather Prediction for Southern and Eastern Africa, Dar es Salaam, Tanzania, July 2006
- Also recent seminars at the Climate Prediction Center, University of Maryland, NASA Goddard, Georgia Tech, Duke University, University of Wisconsin, Columbia University, and Cornell

National Geographic World Atlas, 2005, contributing writer

US-African Monsoon Multidisciplinary Analysis (AMMA) Science Team

External review team for the Department of Earth and Atmosphere Sciences, Iowa State University, March 2006
Steering Committee, West African Monsoon Modeling and Evaluation (WAMME; a CEOP initiative)
Tenure and promotion evaluations for University of Botswana, University of Texas at Austin, University of Cape Town, Florida State University, SUNY Albany, University of Michigan, and the International Research Institute for Climate and Society (IRI).
Member, CLIVAR Panel on African Variability, World Climate Research Programme, World Meteorological Organization, Geneva (2001-2006)
Advisory Board, NCAR's Climate and Global Dynamics Division (2005-present)
Committee on Weather and Climate of the Southern Hemisphere (2000-2006)
NSF External Reviewer of the Climate and Global Dynamics Division at the National Center for Atmospheric Research (1996, 2002)
Reviews for numerous journals, and reviews and panels for proposals submitted to NSF, NOAA, National Geographic, and NASA

Honors and Awards

Board of Trustees, University Corporation for Atmospheric Research, 2008-2011, elected by University Member Representatives to UCAR
Who's Who in Science and Engineering, 2008-2009
Who's Who of American Women, 2008-2010
Executive Committee, Board on Oceans and Atmosphere, National Association of State Universities and Land-Grant Colleges (2007 -)
Merrill Presidential Scholar Award, Outstanding Educator, 2007
Carl Becker House, Faculty Fellow, 2007
University Faculty Executive Committee, 1997-2003 (university-wide election)
Merrill Presidential Scholar Award, Outstanding Educator, 2003