



U.S. Department of Energy's
Office of Science

**Office of Biological and
Environmental Research - Global
Change Education (GCEP) Program**

*Double Tree Hotel
Washington, D.C.*

Rickey Petty
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Global Change Education Program (GCEP)

- The U.S. Department of Energy's Office of Biological and Environmental Research has established the Global Change Education Program (GCEP) to promote undergraduate and graduate training in support of the Department's global change research activities. Global change research encompasses a wide variety of study areas, including atmospheric sciences, ecology, global carbon cycles, climatology, and terrestrial processes. There are two components to the GCEP:
 - **Summer Undergraduate Research Experience (SURE).** SURE involves students at the end of their sophomore or junior years and includes an orientation course and mentored research experience at national laboratories.
 - **Graduate Research Environmental Fellowships (GREF).** GREF supports graduate students in global change research through collaborations between universities and national laboratories.
- <http://www.atmos.anl.gov/GCEP/>



GCEP Climate Research Area

GCEP DISTRIBUTION*

TECHNICAL AREAS	SURE		GREF	
	#	%	#	%
Climatology	16	15.38	10	13.70
Atmospheric Sciences	45	43.27	26	35.62
Ecology	25	24.04	20	27.40
Terrestrial Processes	9	8.65	8	10.96
Carbon Cycles	9	8.65	9	12.33
TOTAL	104	100.0	73	100.0
*Data From 1999 Through 2007				



Marvin L. Wesely Distinguished Graduate Research Environmental Fellowship Award

- The Marvin L. Wesely Fellowship is awarded to the Graduate Research Environmental Fellow (GREF) who has made the best use of their DOE mentor and facilities in improving the quality of his/her research efforts. The award is given for a one-year period to a current GREF fellow who has been supported to do global change research as part of the Global Change Education Program.
- 2006 Award Recipient - Cynthia Randles
- 2005 Award Recipient - Erika Marin-Spiotta
- 2004 Award Recipient - Steven Allison
- 2003 Award Recipient - Heather Price



Many Thanks

- **Ms. Donna Holdridge - ANL**
- **Ms. Alicia Wells - ORAU**
- **Dr. Milton Constantin – ORISE**
- **Ms. M. Estelle Gilbreth - UALR**
- **Dr. Nancy Marley – UALR**
- **Dr. Jeff Gaffney – UALR**

U.S. Department of Energy



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Backup Slides



GCEP Participation

GCEP DISTRIBUTION *

SEX	SURE		GREF	
	#	%	#	%
Females	67	64.4	51	69.9
Males	37	35.6	22	30.1
TOTALS	104	100.0	73	100.0

*Data From 1999 Through 2007