

HARRIS E. WILLIAMS  
[hewhew@wpo.nccu.edu](mailto:hewhew@wpo.nccu.edu)  
Geography and Earth Sciences Department  
North Carolina Central University

### Educational Background

Arizona State University	Physical Geography	Ph.D.	1979
	<i>Specialty: Synoptic Climatology</i>		
Arizona State University	Geography	M.A.	1975
	<i>Specialty: Physical Geography</i>		
Arizona State University	Geography	B.S.	1973

### Appointments

1994-present *Associate Professor*, Department of Environmental, Earth and Geospatial Sciences, North Carolina Central University.

1993 *Consultant*, Department of Geology, Duke University

1983-1985 Post Doctoral Fellow, National Center For Atmospheric Research, Boulder Colorado

1985 Associate Professor, Department of Geoscience Elizabeth City State University, Elizabeth City, North Carolina

1979-1994 *Adjunct Associate Professor*, Department of Geography and Earth Sciences, North Carolina Central University.

### A. Publications

Barnett, A., and Williams, H.E. (1996) "January Minimum Temperature: An indicator of July Maximum Temperature." National Technical Association Journal. (Co-Author).

Barnett, A.P., and Williams, H.E., (1991). "1988 Summer Temperatures in the Southeastern United States", Abstract, Annual Meeting, Association of American Geographers, Miami, Florida 13-17 April.

Williams, H.E. (2004), "Progress in Online Weather in the Department of Geography and Earth Sciences at North Carolina Central University," American Meteorological Society.

Williams, H.E., (2003), "Teaching Online Weather at North Carolina Central University," American Meteorological Society.

Harris, J., Williams, H.E. (1995), "A Temporal Analysis of Atmospheric Chemistry in a Developing Humid Subtropical Region" National Technical Association Journal.

Barnett, A., Williams, H. E., (1995) "January Minimum Temperature: An Indication of July Maximum Temperature." National Technical Association Journal.

Williams, H.E., (1979) "Is Our Climate Changing?" Climatological Publications, Scientific Papers No. 6. Laboratory of Climatology, Arizona State University, Tempe, Az.

Williams, H.E. (1979) "Is Our Climate Changing?" the Scottsdale Progress/Saturday Magazine, April.

Williams, H.E., (1978-79), "An Analysis of Precipitation Regimes in Arizona", Journal of the Arizona-Nevada Academy of Sciences, Vol. 14.

Williams, H.E. et al, (1978), Bibliography of Precipitation and Runoff in the Arid Region of North American Climatological Publications, Bibliography Series, No. 5, Laboratory of Climatology, Arizona State University, Tempe, Az.

Williams, H.E., (1977-78), "Climatic Stations With Over Fifty Years of Record in Arizona", Journal of the Arizona-Nevada Academy of Sciences, Vol. 13, Abstract.

#### A. Papers Presented

Williams, H.E., (1996). "GIS Applications and Problem Solving", Geographic Information Systems Seminar, Prairie View A&M University, April.

Williams, H.E., (1996), "Drought: A GIS Analysis, 1950-1985, Using Arc/Info to analyze drought in the United States." Presented in Charlotte, N.C. at Ninty-Second Annual Meeting of the Association of American Geographers, April.

Barnett, A.P. and Williams, H.E., (1991)., "1988 Summer Temperatures in the Southeastern United States", Eighty-seventh Annual Meeting, Association of American Geographers, April, 13-17, Miami, Florida.

Harris, J., and Williams, H.E., (1990), "Atmospheric Chemistry Trends in Raleigh/Durham, North Carolina", Eighty-sixth Annual Meeting, Association of American Geographers, April 19-22., Toronto, Ontario, Canada.

**Barnett, A.P., and Williams, H.E., (1988). “January Minimum Temperature: An Indicator of July Maximum Temperature in the Southeastern United States;,” Eight-forth Annual Meeting, Association of American Geographers, April 6-10, Phoenix, Az.**

**Barnett, A.P., and Williams, H.E., (1986), “Predicting July Maximum Temperature Using January Minimum Temperature in the Southern United States”, presented to the NCCU Small Grants Faculty Research Program, December.**

**Williams, H.E., (1984). Annual and Seasonal Rainfall Trends and Variability in North Carolina”, Thirty-ninth Annual Meeting, Southeastern Division of the Association of American Geographers, November 18-20, Birmingham, Alabama.**

**Williams, H.E., (1980)., “Temporal Variations of the Ratios of Summer/Winter Precipitation Regimes in the Desert Region of North America”, presented to the Annual Meeting of the Association of American Geographers, Louisville, Kentucky, April.**

**Williams, H.E., (1979). Is Our Climate Changing?”, The Analysis of Precipitation Trends and Fluctuations in the North American Desert Region”, presented to the Arizona-Nevada Academy of Sciences, Tempe, Az.**

**Williams, H.E., (1979)., Runoff and Rainfall in the Salt-Verde Basin Arizona”, presented to the Water Resources Group and the Climatology Laboratory of Arizona, Arizona State University, Tempe, Az.**

#### **B. Synergistic Activities**

**Member of the National Association for Equal Opportunity in Higher Education (NAFEO)**

**Member of the National Technical Association (NTA), 2004**

**(Scientific Judge), 2002-2004, North Carolina Regional Science Bowl  
(Scientific Judge), 2002, National Technical Association**

**(Chair) Security Committee of the Trails Subcommittee on the Durham Open Space and Trails Commission (DOST), 1997-2001.**

**Board and Regular Member on the Triangle Rails-Trails Conservancy, 1997-2001.**

**Board and Regular Member of the Institute for the Study of Minority Issues, 2002-2003.**

**Member of the Community Service and Service Learning Program Advisory Committee for the Department of Geography and Earth Sciences, 2002-2003.**

### **C. Scientific Meetings Attended**

\_\_\_\_\_ Annual American Meteorological Society, 2004, Seattle, Washington; presented a poster.

Students are being recruited by Drs. Williams and Pirani for participation in the Geography Bowl to be held at UNC-G, fall, and 2008. These students do not necessarily have to be Geography majors, but can come from across the campus. They should have a zest for learning and competing.

Student Advising: T. R. Speigner Geo-conservation Club

**E. Other Department and/or University Service (e.g. committee participation, minor administrative duties, etc.)**

**1) Departmental representative to the Faculty Senate and/or alternate, 2000-8.**

**2) Attend some Undergraduate and Graduate Council Meetings in place of the Department Chair, 2000-2002.**

**3) Help in recruiting by phone in Admissions Bldg, 2000-01; and in the Hoey Administration Bldg.**

**4) A member of the Freshmen First Program to help mentor freshmen to help them gain a more valuable experience in their endeavors here at NCCU, 2000-2004.**

**F. Professional, Creative, and Scholarly Activities (e.g. research and/or writing in progress; shows and/or recitals; participation in seminars, workshops, etc.)**

**Participant (Scientific Judge and Rules Judge) in the 2002-2008 North Carolina Regional Science Bowl held at North Carolina Central University.**

**Member of the Community Service and Service Learning Program Advisory Committee for the Department of Geography and Arts and Sciences, 2002-2003.**

**Regular and Board Member of the Institute for the Study of Minority Issues, 2002-2003.**

**Took NCCU students to participate in the World Geography Bowl in September, 2000-2008, in Greensboro, NC. At UNC-G.**

**Presented a Poster on “Progress in Teaching Online Weather in the Department of Geography at North Carolina Central University” at the American Meteorological Society’s Annual Meeting, in Seattle, Washington, January 10-13, 2004.**

**Presented a Poster on “Online Ocean Studies in the Environmental, Earth and Geospatial Sciences at North Carolina Central University” at the American Meteorological Society’s Annual Meeting, in San Antonio, Texas, January, 2007.**

**Participated in Summer Training program on “Online Ocean Studies Diversity Workshop” conducted by the American Meteorological Society, in Seattle, Washington, June 2006.**

**Presented a Poster on “Teaching Online Weather in the Department of Geography at North Carolina Central University” at the American Meteorological Society’s Annual Meeting, in San Diego, California, January, 2003.**

**Participated in Summer Training program on “Online Weather Studies Workshop” conducted by the American Meteorological Society, in Kansas City, Mo., June 2002.**  
**Participant in Summer Training Workshop“ Online Weather Studies in Kansas City, Mo. by the American Meteorological Society in Kansas City, Mo. June, 2005.**

**Participated in Conference on Climate Change: Science and Solutions, 8<sup>th</sup> National Conference on Science, Policy and the Environment. (NCSE), January 17-19, 2008.**

**Attended the NAFEO Annual Conference in New Orleans, La., March, 2006.**

**Attended the NAFEO Annual Conference in Washington, DC, March, 2005.**

**G. Public Service Activities (e.g. membership on commissions, lectures or seminars for the public, volunteer consultations, etc.)**

**A Board and Regular Member on the Triangle Rails-Trails Conservancy, 1997-2001.**

**The Liaison between North Carolina Central University and the Triangle Rails-Trails Conservancy 1997- 2005.**

**The Durham Open Space and Trails (DOST) Commission, 1997-2001.**

**A board member of the Eno River Association, 2000- 2001.**