The State of the Department

Doug Miller, Chair of Atmospheric Sciences, UNCA

1998 Professors

2002 Professors

2004 Professors

2005 Professors

2007 Professors
Ed Brotak, Program Director, 1981-1987

Jim Heimbach, Chair, 1987-1998

Alex Huang, Chair, 1998-2007

Doug Miller, Chair, 2007-Present

1998 ATMS Reunion

2007 Dr. Brotak’s Retirement Party
2007 Seniors and Dr. Brotak

Recent courses offered outside the core

Broadcast Meteorology – Huang, Cuevas, Wunder
Physical Oceanography – P. Hennon, Hennon
Physical Climatology – Hennon
Applied Numerical Modeling – Miller
Tropical Meteorology – Hennon
Radar and Satellite Meteorology – P. Hennon, Huang
Mesoscale Meteorology – Miller
Hydrology – P. Hennon
Recent courses offered outside the core

Scientific Writing - Hennon
Mountain Meteorology – Miller
GIS in Meteorology – Dobson
Severe Weather Field Experience – Godfrey
Advanced Computing Techniques – Godfrey
Principles of Air Pollution – Huang

Coming Soon…
FORTRAN in Atmospheric Sciences – Godfrey

Excellence in the classroom

Barry Goldwater Scholarship Finalist (UNCA); Spring 2006
Grant Gilmore

Summer Research Grant (UNCA); Summer 2006
Jacob Carley

Barry Goldwater Scholarship Finalist (UNCA); Spring 2007
Amy Harless

NOAA - Hollings Scholarship; Spring 2007
Jacob Carley
Amy Harless
Excellence in the classroom

Summer Research Grant (UNCA); Summer 2007
Chris McCall

Summer Research Grant (URPAC); Summer 2007
Chip Helms

NWA Dr. Roderick A. Scofield Scholarship; Fall 2008
Leejah Ross

G. Herbert Stout Award, NC GIS Conference; Spring 2009
Clay Tabor

NCUR travel grant; Spring 2009
Leejah Ross

Future direction for the ATMS Department

In the books...

• Space expansion
• Craft campus met station
• NOAA HMT SE participation
Future direction for the ATMS Department

In the works...

• Climatology track overhaul
• Balsam mountain
• MS program; climate change and society
• Permanent sounding field experience

28-year average:
Majors: 39.1
Graduates: 10.0

28-year total:
Majors: 1096
Graduates: 279
(270 BS and 10 Certificates of ATMS)
ATMS Graduate Employment as of April 17, 2009
Total graduates: 279 (270 Bachelor of Science and 9 Certificates of Atmospheric Sciences)

- Federal Government
- Private Sector
- Unknown
- Left field
- TV Meteorologists
- Graduate School
- New Zealand
- Military
- State Government
- Teachers
- Pilots
- Deceased