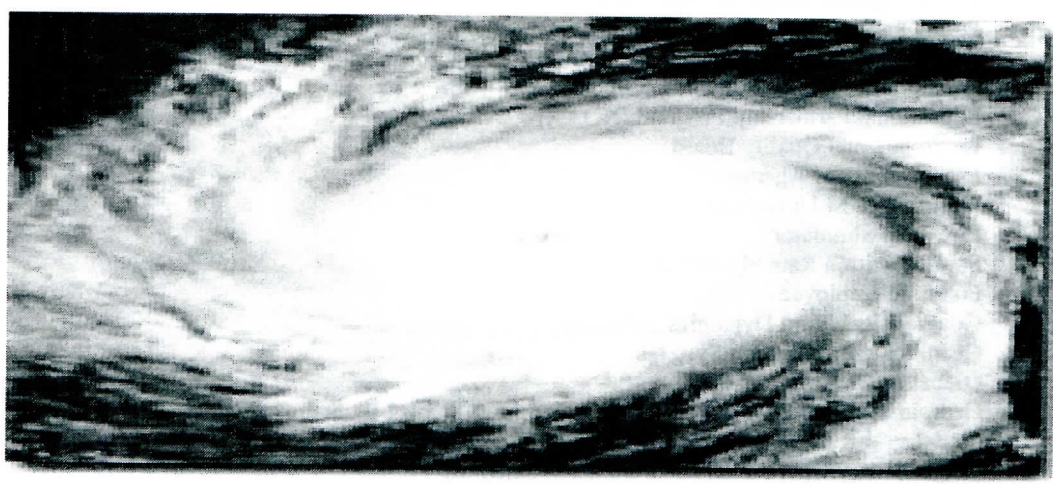


3/24/10

CAREERS Weather Camps 2010

Sponsored by the
NOAA Center for Atmospheric Sciences (NCAS)



LOCATIONS/DATES:

Jackson, MS / June 7 – 11

Puerto Rico / June 6-12

Washington, DC / July 11-24

New York, NY / July 11-14

El Paso, Texas / July 12-16

Greensboro, NC / July 5-9 and Aug 2-6 (Middle School Camp Grades 5-7)

FEE: THERE IS NO PARTICIPANT FEE FOR THIS PROGRAM
(Travel to/from Location Site is NOT covered)

REQUIREMENTS: Scholars must have a high interest in weather, meteorology, atmospheric sciences, environmental sciences, or applied physical sciences

**WHO SHOULD APPLY: All rising high school juniors and seniors
(MUST BE U.S. CITIZENS OR PERMANENT RESIDENTS)**

DEADLINE: Open Until Filled

CONTACT:

**NOAA Center for Atmospheric Sciences (NCAS)
Howard University Research Building I, Room #305
1840 7th Street, NW**

Washington, DC 20001

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National Science Foundation
WHERE DISCOVERIES BEGIN

ECSU	Elizabeth City State University
EMC	Environmental Modeling Group
ENSO	El Nino/Southern Oscillation
EOC	Expanding Opportunities Conference
EOS	Earth Observing System
EPA	Environmental Protection Agency
EPIC	Equatorial Processes including the Coupling
EPP	Educational Partnership Program (NOAA)
EQB	Environmental Quality Board
ESA	European Space Agency
FAMU	Florida A & M University
FARSITE	Fire Area Simulator
FRRF	Fast Repetition Rate Fluorometry
FTE	Full time employee
GFDL	Geographical Fluid Dynamics Laboratory
GIS	Geographic Information Systems
GLAS	Global Laser Altimeter S
GOCART	Georgia Tech/Goddard Global Ozone Chemistry Aerosol Radiation Transport Model
GOES	Geostationary Operational Environmental Satellites
GoHFAS	Goddard Howard University Fellowship in Atmospheric Sciences
GFS	Global Forecasting System
GPCP	Global Precipitation Climatology Project
GPI	Global Precipitation Index
GSFC	Goddard Space Flight Center (NASA)
GSM	Global Spectrum Model
HBCU	Historically Black Colleges and Universities
HF	High Frequency
HU	Howard University
HUBRF	Howard University Beltsville Research Facility
HUPAS	Howard University Program in Atmospheric Sciences
HYSPLIT	Hybrid Single-Particle Lagrangian Integrated
ICART	International Consortium for Atmospheric Research on Transport and Transportation
ICCM	Canary Institute of Marine Sciences
ICodEM	Icod Environmental Model
IDAS-RAP	Diversity in Atmospheric Science through Research Application and Partnership
IDV	Integrated Data Viewer
IEEE	Institute of Electrical and Electronics Engineers, Inc
IEO	Spanish Institute of Oceanography
IGARSS	International Geosciences & Remote Sensing Symposium
IHOP	International H2O Project
INTEX	Intercontinental Chemical Transport Experiment
IOPs	Intensive Observational Periods
IR	Infrared
ISCS	International Solar Cycle Studies

Key Opportunities

1. NCAS Wx Camps
 - a. High School Camps DC: July 11-24, 2010
 - b. Other camps in (NY)², Mayaguez, Puerto Rico, El Paso, TX, Greensboro, NC, and Jackson, MS
2. HU (MS)²
 - a. ScienceFests for Grades 6-8
 - b. 1-week Summer Enrichment Camp
3. DC Public Schools
 - a. Elementary and Middle School Demonstrations through Science Curriculum Specialist/Coordinator, Mr. James Roundtree
4. DC Charter Schools (Ms Ashkari Wilson, Dorothy Height Community Academy Public Charter Schools)
 - a. Grades 3-5
 - b. Grades 6-8
5. DC-AMS WeatherFest – October 23 and 24 (Saturday and Sunday)

Typical Experiments

1. Cloud in a bottle
2. Tornado in a bottle (ScienceFest)
3. Ocean currents (ScienceFest)
4. Aerosols and air quality (ScienceFest)
5. Balloon in a bottle (Standard)
6. Blue Sky experiment (scattering experiment - I could not do at Forum sciencefest)
7. Make your own lightning (Standard)
8. Making rainbows (standard)
9. Interpreting images (need web access)
10. Making a hot air balloon (standard)
11. Sky watching/Cloud identification
12. Making (barometers, windmills, wind socks, rain gauges, etc.)
13. Making it rain (as in precipitation)