Encouraging Young Scientists in the American Meteorological Society

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Meteorology (Atmospheric Sciences) is ...

- young ...
- and small:
  - O(10,000) AMS members (~75% meteorologists in 2005)
- and not just for Ph.D.s!
  - 2005: 23% had terminal Bachelor’s
  - 21% had terminal Master’s
  - 33% had Ph.D.
  - 23% were students
Before the Terminal Degree

- Graduate Fellowships; Undergraduate Scholarships “plus”
  - trip to Annual Meeting (& to D.C. for grad students)
  - mentoring partnerships for Minority Scholarship winners

- Student Conference; Meeting Travel Grants

- Committee and Board Membership
  - 1970’s, “3 of us invited to advise the Council”
  - 2000’s, Education and Human Resources Commission boards have 1 graduate, 1 undergraduate member
At the Student/Professional Interface

- Mentoring Program
  - Board for Private Sector Meteorologists
  - pool of mentors (≥ 5 years in field)
  - commit to 1 year of monthly contacts

- Role Modelling for Career Paths
  - “Private Sector Profiles” (online)
  - “Community Profiles” (online)
  - Certified Consulting Meteorologist profiles in
    “Real-World Meteorology” (Bulletin of the AMS)
After the Degree(s)

- Within 10 years of final degree or under 40
  - Clarence Leroy Meisinger (Research) Award
    - dynamical meteorology - observation, theory, or modeling
  - Henry G. Houghton (Research) Award
    - physical meteorology, including atmospheric chemistry
  - Nicholas P. Fofonoff (Research) Award
    - physical oceanography - instrument, obs., theory, or modeling
After the Degree(s), con’t.

- Summer Community Meeting
  - private/government/academic sectors; location & topics vary

- AMS Washington Forum
  - private/government/academic sectors; legislative/agency focus

- Summer Policy Colloquium
  - “ten-day immersion in atmospheric policy”; D.C.

- Beacons Program (debuting 2011)
  - good-will ambassadors; Annual Meeting, others
For More Information

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