2008 Heads & Chairs Program

16th Biennial AMS/AGU Joint Heads and Chairs Meeting
October 16 -17, 2008
Boulder, CO

Theme: “Issues in Geoscience Education: Accountability, Future Needs, Opportunities and Challenges”

SYNOPSIS OF SESSIONS

THUR 16 OCT

7:45 A.M. Registration Begins, Continental breakfast
8:30 A.M. Welcoming Remarks
9:00 A.M. Session 1: Issues in Geoscience Education: Accountability and Accreditation
10:45 A.M. Coffee Break
11:00 A.M. Session 2: Forum on Department Issues and Challenges: Minority Student Participation and a New Tool for Outreach and Meeting NSF Criterion 2 Requirements
12:00 P.M. Luncheon
1:30 P.M. Session 2 Continued: Grad School Expectations
2:00 P.M. Session 3: New Directions in Geoscience: Geoengineering and Climate Change
3:00 P.M. Coffee Break
3:15 p.m. Session 3 Continued: Geoengineering
5:00 P.M. End-of-Day Open Discussion
5:30 P.M. Adjourn for the Day
6:00 P.M. Reception/Dinner

FRI 17 OCT

7:45 A.M. Continental breakfast
8:00 A.M. Session 4: Departmental Issues: Outlook for Research Funding and Challenges Concerning our Graduates
10:45 A.M. Coffee Break
11:00 A.M. Session 5: Open Discussion/Resolutions
12:00 P.M. Adjourn
2008 Heads & Chairs Program

THUR 16 OCT  7:45 A.M.  Registration; Continental Breakfast

8:30 A.M.  Welcome from Meeting Chairpersons; Goals of the Meeting

8:35 A.M.  Welcome
Richard Anthes, President, UCAR, Boulder, CO

8:45 A.M.  AGU Update
Gene Bierly, Senior Scientist, AGU, Washington, DC

8:50 A.M.  AMS Update
Keith Seitter, Executive Director, AMS, Boston, MA

Session 1: Issues in Geoscience Education:  Accountability and Accreditation

9:00 A.M.  Eric Barron, formerly Dean of Geosciences, Univ. of Texas, Austin, TX; Director, NCAR, Boulder, CO

9:20 A.M.  Christopher Keane, Director of Communications and Technology, American Geological Institute, Alexandria, VA

9:40 A.M.  Discussion Panel on Accreditation / Questions from Floor
Panelists:
  Eric Barron, Moderator
  Chris Keane, AGI
  Wayne Pennington, Geology and Mining Engineering Chair, Michigan Tech. Univ.
  Rich Clarke, Earth Science Chair, Millersville Univ.
  Fred Carr, Meteorology Chair, Univ. of Oklahoma

10:45 A.M.  Coffee Break
2008 Heads & Chairs Program

Session 2: Forum on Department Issues and Challenges

11:00 A.M. An Update on Initiatives to Increase Minority Participation in the Atmospheric and Related Sciences
  Quinton Williams, Chair, Dept. of Physics, Atmos. Sci. and Geoscience, Jackson State Univ., Jackson, MS

11:15 A.M. The AMS (Video) Journal: A New Tool for Outreach and Meeting NSF Criterion 2 Requirements
  Phillipa Kassover, Senior Director of Development, ResearchChannel, Seattle, WA
  Walt Lyons, Sky Fire Productions, Fort Collins, CO

12:00 P.M. Luncheon

Session 2: Continued

1:30 P.M. What do Graduate Schools Look For? A Comparison of Atmospheric Sciences Programs
  John Nielsen-Gammon, Professor, Texas A & M Univ., College Station, TX

Session 3: New Directions in Geoscience: Geoengineering and Climate Change

2:00 P.M. Michael MacCracken, Chief Scientist for Climate Change Programs, Climate Institute, Washington, DC

2:30 P.M. Phil Rasch, Chief Scientist, PNNL, Richland, WA

3:00 P.M. Coffee Break

3:15 P.M. Simone Tilmes, Project Scientist, NCAR, Boulder, CO

3:45 P.M. Alan Robock, Professor, Rutgers Univ., New Brunswick, NJ

4:15 P.M. Open Floor Discussion of Geoengineering

End – of – Day Open Discussion Session:

5:00 P.M. Summary Discussion of the Day’s Events

5:30 P.M. Adjourn for the Day

6:00 P.M. Reception and Dinner (sponsored by AGU, AMS and UCAR)
2008 Heads & Chairs Program

FRI 17 OCT
Session 4: Department Issues: Research Funding, Challenges Concerning our Graduates

7:45 A.M. Continental Breakfast

8:00 A.M. Outlook for Research Funding (with comments on issues for new faculty)
Tim Killeen, Assistant Director for Geosciences, National Science Foundation, Washington, DC

8:40 A.M. Open Floor Discussion of Current Challenges Facing Departments Related to External Funding

9:00 A.M. Human Resources in the Atmospheric and Geologic Sciences
Lisa Frehill, Executive Director, Commission on Professionals in Science and Technology, Washington, DC

9:25 A.M. Recent and Future Trends in U.S. Undergraduate Meteorology Enrollments, Degree Recipients, and Employment Opportunities
John Knox, Assistant Prof., Univ. of Georgia, Athens, GA

9:45 A.M. Discussion Panel/Open Floor Discussion on Degree Production
Panelists:
Rick Anthes, UCAR
Tom Bogdan, NWS, Boulder, CO
Lisa Frehill, CPST
Chris Keane, AGI
John Knox, Univ. of GA
Roger Pielke, Jr., Univ. of CO

10:45 A.M. Coffee Break

Session 5: Open Discussion/Resolutions

11:00 A.M. Follow up Discussion from Previous Sessions
Formulation of Resolutions to be undertaken by the AGU, AMS or UCAR

12:00 P.M. Adjourn

For further program information contact Tony Hansen, St. Cloud State University (arhansen@stcloudstate.edu)