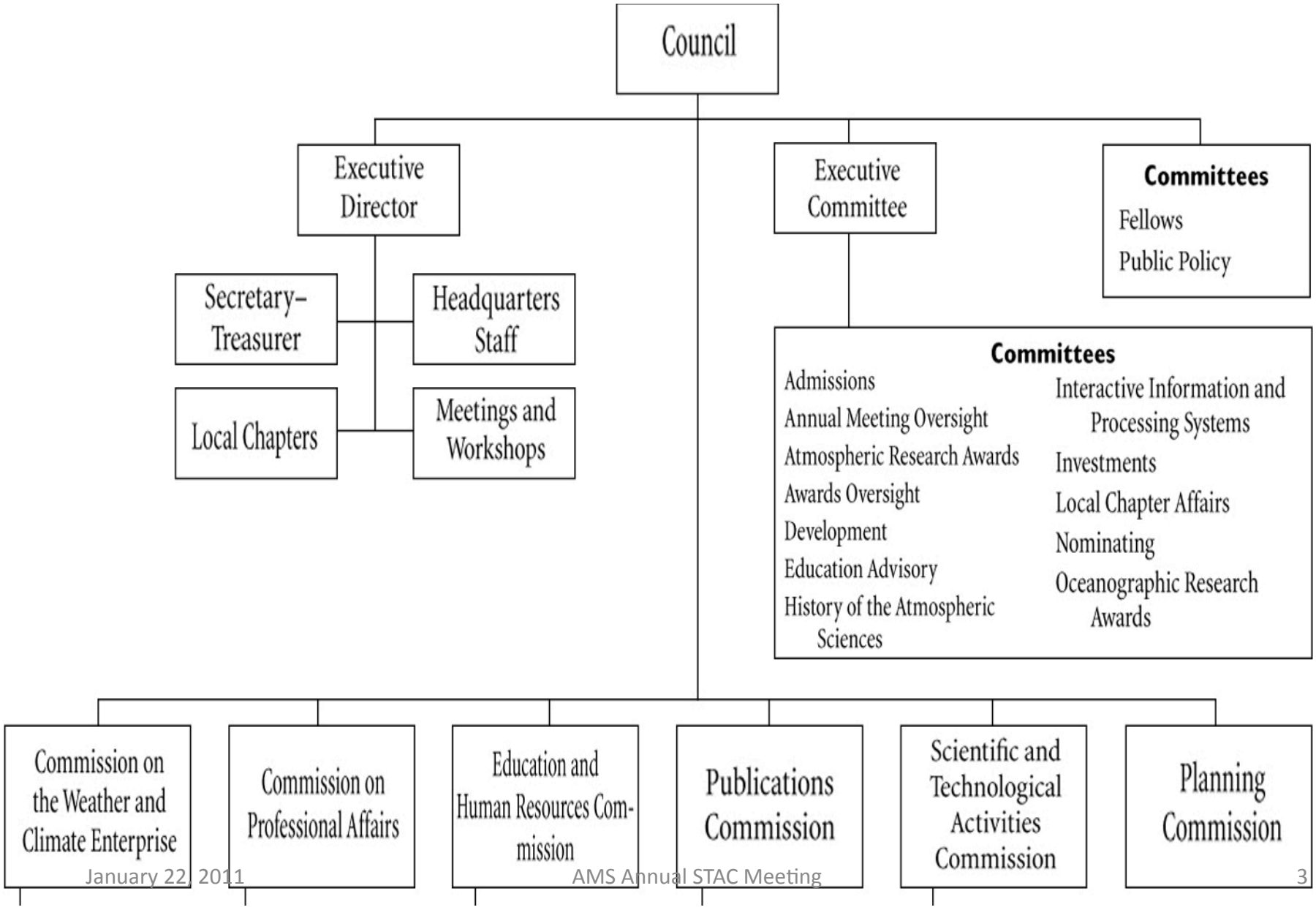
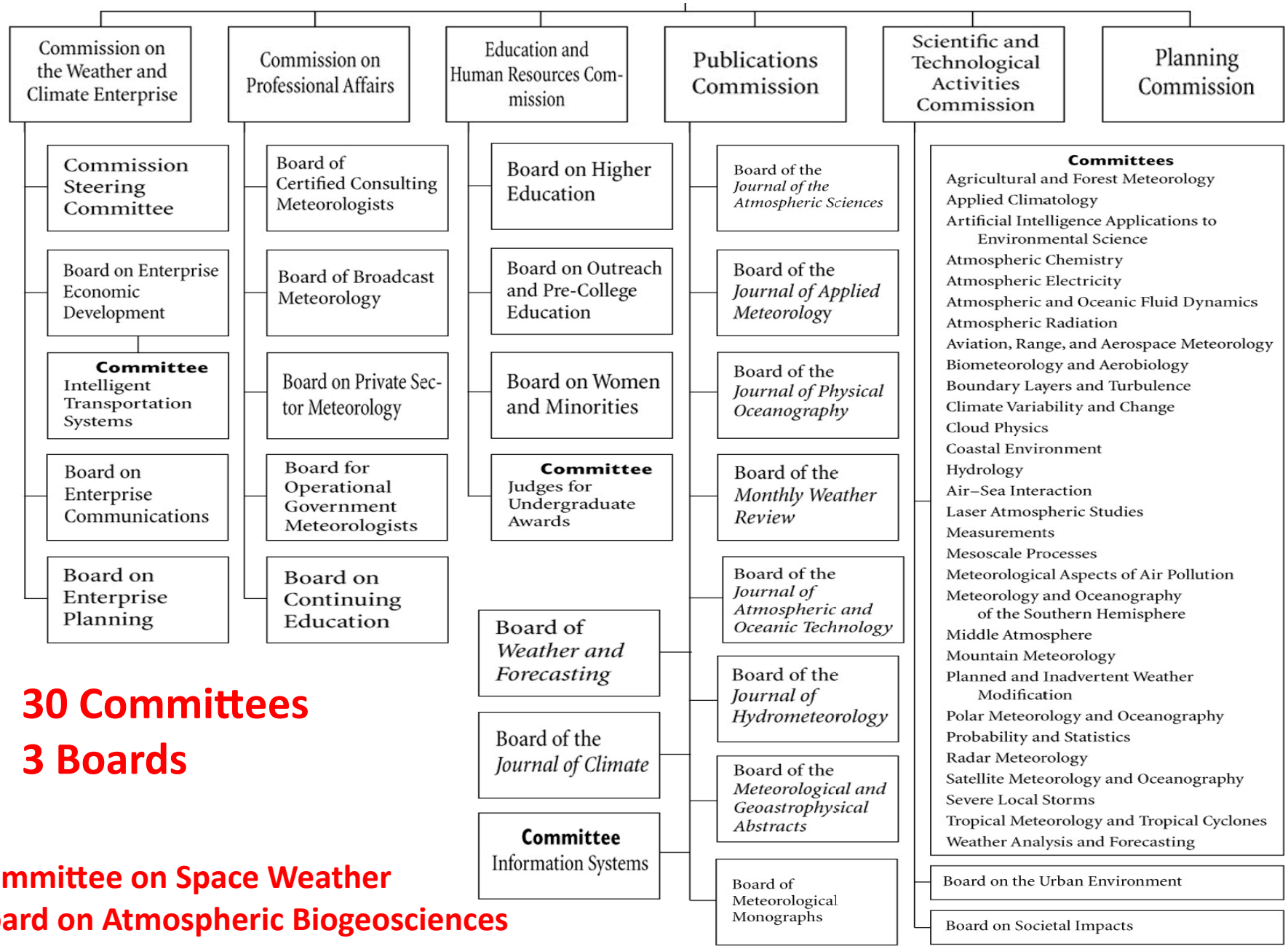
AMS STAC (& Program Chairs) Meeting

Mary M. Cairns
STAC Commissioner

AMS Scientific and Technological Activities Commission (STAC)

- One of six Commissions (Professional Affairs, *Publications*, Education and Human Resources, *STAC*, Weather & Climate Enterprise, and Planning).
- Member of the Committee on Public Policy (ComPuP) (a continuing committee of the Council).
- Member of the Awards Oversight Committee (AOC) and Ex-Officio on the Annual Meeting Oversight Committee (continuing committee of the Executive Committee).


Council
Executive Director
Secretary–Treasurer
Headquarters Staff
Local Chapters
Meetings and Workshops
Executive Committee
Committees
Fellows
Public Policy
Committees
Admissions
Annual Meeting Oversight
Atmospheric Research Awards
Awards Oversight
Development
Education Advisory
History of the Atmospheric Sciences
Interactive Information and Processing Systems
Investments
Local Chapter Affairs
Nominating
Oceanographic Research Awards
Commission on the Weather and Climate Enterprise
Commission on Professional Affairs
Education and Human Resources Commission
Publications Commission
Scientific and Technological Activities Commission
Planning Commission



30 Committees

3 Boards

Committee on Space Weather

Board on Atmospheric Biogeosciences

Authority and Responsibility of Commissions

- Report directly to the Council (responsibility to the EC).
- Each Commission reports to the Council Annually (mid-year report, except for STAC).
- Commissioners are non-voting attendees at Council meetings.
- Commissions are generally constituted of various Boards and Committees.
- Commissions may establish special ad hoc committees and Boards (e.g., Statements, Ad Hoc Committee on Network of Networks)

STAC Responsibilities

- Keep watch on progress in research and operations.
- Direct the Council on where additional support seems to be needed.
- Stimulate activities in any scientific or technological subject of interest to the society.

Overview of Responsibilities

- Terms of Reference (3 years)
- Membership (yearly)
  - July - September
- Statements (as needed; valid up to 5 years)
- Awards and lectures (yearly)
  - May 1/October 1
- Named symposiums (as needed)
- Meetings (as needed)
- STAC reports (yearly)
  - December 1

Terms of Reference

- Statement of a groups focus and interest including responsibilities and actions.
- Reviewed on a regular basis
  - Committees should review yearly
  - STAC Commissioner will ask every 3 years if the TOR is still valid if I haven't heard anything from you
- Approved by the Council.
- This Year: Satellite Meteorology and Oceanography
- Next Year: Agricultural & Forest Meteorology

STAC Committee and Board Membership and Responsibility

- Members serve 1, 2, or 3-year terms (3 being the norm). **Can serve no more than 2 consecutive terms.**
  - **Student membership is 1-2 years.**
- Nominations for new members – are made to the Commissioner (nominees do not have to be AMS members).
- Council approves ex post facto.
- Each STAC Committee and Board must report annually to the Council.
  - I provide an abbreviated report to the EC in the summer.

Membership Details

- Terms run from 1 February to 31 January (but you are welcome to entrain them into your discussions as soon as I approve of their membership). Note: there is a small chance that Council will disapprove of my recommendations.
- STAC Nominations/Renewal Process includes:
  - 1-page nomination form
  - Abbreviated CV is also required
- Chair should ask the nominee if they would serve **IF** asked.

Statements

- "New" guidelines are now in place.
  - *Professional Guidance Statements* – to alert AMS members to urgent or important AMS, professional or scientific matters. In force at most 5 years. 1000 words.
  - *Information Statements* – intended to provide a trustworthy, objective and scientifically up-to-date explanation of scientific issues of concern to the public at large. They are informational only and do not make recommendations or take positions on issues. In force at most 5 years. 2000 words.
  - *Policy Statements* – policy statements are aimed at representatives of local, state, or Federal government, official of international bodies, and related policy professional. In force, at most 3 years. 750 words.

Statements (cont.)

- There are specific instructions on how a Writing Team can be assembled.
  - See AMS Statements web site
- 8 months to complete the process.
- Statements completed this year:
- Statements in process:
  - Drought
- **New Statements ????**

Statements (cont.)

- Brief request to EC or Council through me.
- If approved, draft précis and suggested Chair of team to Council; Councilor member designated to serve on team.
- Request for members at large.
- Complete draft.
- Council approves of draft.
- 30 day notice on web site.
- Comments adjudicated.
- Final Council approval and posting on web site.

Statement of the AMS in Force

Bachelor's Degree in Atmospheric Science
(Adopted by the AMS Council on 22 September 2010)

2009
On the Infrastructure Supporting Weather, Water, Environmental, and Climate Sciences, Services, and Assessments
(Adopted by the AMS Council on 1 October 2009)

Radio Frequency Allocations for Meteorological Operations and Research
(Adopted by the AMS Council on 1 October 2009)

Geoengineering the Climate System
(Adopted by the AMS Council on 20 July 2009)
2008
Enabling National Weather and Climate Priorities
(Adopted by AMS Council on 17 September 2008)

Water Resources in the 21st Century
(Adopted by AMS Council on 12 May 2008) *Bull. Amer. Meteor. Soc., 89*

Enhancing Weather Information with Probability Forecasts
(Adopted by AMS Council on 12 May 2008) Bull. Amer. Meteor. Soc., 89

Space Weather
(Adopted by AMS Council on 5 May 2008) Bull. Amer. Meteor. Soc., 89
2007
Weather Analysis and Forecasting
(Adopted by AMS Council on 8 August 2007) Bull. Amer. Meteor. Soc., 88

Endorsement of the Recommendations in "Earth Science and Applications from Space: National Imperatives for the Next Decade and Beyond" (Adopted by AMS Council on 21 May 2007) Bull. Amer. Met. Soc., 88

Hurricane Forecasting in the United States (Adopted by AMS Council on 14 March 2007) Bull. Amer. Met. Soc., 88, 950

Climate Change (Adopted by AMS Council on 1 February 2007) Bull. Amer. Met. Soc., 88, 418

Endorsement of the WMO IWTC-VI "Statement on Tropical Cyclones and Climate Change" (Adopted by AMS Council on 14 January 2007) Bull. Amer. Met. Soc., 88, 422

Freedom of Scientific Expression (Adopted by AMS Council on 17 February 2006) *Bull. Amer. Met. Soc., 87, 515*

Earth Science Education (Adopted by AMS Council on 29 January 2006) Bull. Amer. Met. Soc., 87

Research and Operational Use of Environmental Satellites in Weather Applications as Part of an Integrated Earth Observing System (Adopted by AMS Council on 25 January 2006) Bull. Amer. Met. Soc., 87
2005
Endorsement of the 'Joint Academies' Statement: Global Response to Climate Change" (Adopted by AMS Council on 1 July 2005) Bull. Amer. Met. Soc., 86

Mobile Homes and Severe Windstorms (Adopted by AMS Council on 8 October 2004) Bull. Amer. Met. Soc., 86

Tornado Forecasting and Warning (Adopted by AMS Council on 8 October 2004) Bull. Amer. Met. Soc., 86

Meteorological Drought — (Adopted by AMS Council on 23 December 2003). Bull. Amer. Met. Soc., 85
2003
Acid Deposition— (Adopted by the Council 11 September 2003). Bull. Amer. Met. Soc., 85, 299—301

Atmospheric Ozone— (Adopted by the Council 5 September 2003). Bull. Amer. Met. Soc., 85, 297—299

Climate Change Research: Issues for the Atmospheric and Related Sciences — (Adopted by the Council 9 February 2003). Bull. Amer. Met. Soc., 84, 508—515

Support for Automated Observations from U.S. Commercial Aircraft— (Adopted by the Council 9 February 2003). Bull. Amer. Met. Soc., 84, 515—517
2002
Lightning Protection Systems— (Adopted by the Council 12 November 2002). Bull. Amer. Met. Soc., 84, 117—118

Lightning Safety Awareness— (Adopted by the Council 29 April 2002). Bull. Amer. Met. Soc., 84, 260—261

Free and Open Exchange of Environmental Data— (Adopted by the Council 13 January 2002). Bull. Amer. Met. Soc., 83, 452—456

Enhancing Weather Information with Probability Forecasts— (Adopted by the Council 13 January 2002). Bull. Amer. Met. Soc., 83, 450—452
2001
Statement on Seasonal to Interannual Climate Prediction— (Adopted by the Council 14 January 2001). Bull. Amer. Met. Soc., 82, 701

Expectations Concerning Media Performance During Severe Weather Emergencies— (Adopted by the Council 14 January 2001). Bull. Amer. Met. Soc., 82, 705
2000
Tornado Preparedness and Safety — (Adopted by the Council 14 February 2000). Bull. Amer. Met. Soc., 81, 1061—1065

Prediction and Mitigation of Flash Floods — (Adopted by the Council 14 February 2000). Bull. Amer. Met. Soc., 81, 1338—1340

Guidance Statement on the Use of the Term "Live Radar" by the Broadcast Media — (Adopted by the Council 14 February 2000). Bull. Amer. Met. Soc., 81, 1347
1999
The Public/Private Partnership in the Provision of Weather and Climate Services (Adopted by the Executive Committee 23 July 1999). Bull. Amer. Met. Soc., 80, 2099—2101 1998
Planned and Inadvertent Weather Modification — (Adopted by the Council 2 October 1998), Bull. Amer. Met. Soc., 79, 2771-2772

1990
What is a Meteorologist? A Professional Guideline — (Adopted by the Council 28 September 1990). Bull. Amer. Met. Soc., 72, 61

Awards and Lectureships

- Several originate within specific STAC Committees.
- Specific STAC Chairs serve on a number of selection committees, some are done in collaboration with other Commission's Boards and Committees.
- You should feel free to, and in fact, encouraged to promote members from your respective communities for any AMS award.
- Council has asked that words should be added to your Terms that specifically state that your committees should be nominating Members for AMS Awards and Fellows.

Specific Awards

- Helmut E. Landsberg Award - BUE committee & ex officio members (*BUE past Chair, Chairs of three other STAC committees: Biometeorology & Aerobiology; Boundary Layers & Turbulence; and Meteorological Aspects of Air Pollution*). May 1 Deadline.
- Awards for Outstanding Service by a Weather Forecaster:
  - Charles L. Mitchell Award (*WAF*). May 1
  - The Award for an Exceptional Prediction (*WAF*). May 1
- Reichelderfer Awards (*WAF, BOGM, Hydrology, Coastal Environment*). May 1
- Award for Outstanding Contribution to the Advance of Applied Meteorology (*Applied Climatology, Private Sector Board*). May 1
- Outstanding Achievement in Biometeorology (*Biogeosciences with input from Chair of Ag & Forest Meteorology Committee*). May 1

Specific Awards (cont.)

- Banner I. Miller (*Tropical Meteorology & Tropical Cyclones*) November 1 deadline
- Robert Leviton (*Measurements*) Student Award. May 1
- Max A. Eaton Prize (Tropical Meteorology & Tropical Cyclones). Student Award presented at the conference.
- Remote Sensing Prize (*Laser, Radar, Satellite, Measurements, Hydrology, and Atmospheric Radiation*). Now elevated to major award status. May 1 Biannual -Nominations will NOT be accepted this year.
- Spiros G. Geotis Prize (*Radar*). Student Award presented at the conference.

Specific Lectureships

- Robert E. Horton Lecturer in Hydrology (*Hydrology*) October 1 deadline. Approved.
- Bernard Haurwitz Lecturer (*Fluid Dynamics, Middle Atmosphere, Climate Dynamics*) October 1. Pending Council approval tomorrow.
- Walter Orr Roberts Lecturer in Interdisciplinary Sciences (*Chairs of STAC committees who submit nominations*) October 1. Pending Council approval tomorrow. [Note: No award this year.]

Nomination Procedures (AMS Guidelines)

- Nomination may be by any member or group of the Society.
- The nomination is to include a proposed citation and a condensed curriculum vita. Up to three additional letters of support may be submitted with the nomination.
- Nominations will be active for three years, and updated information may be submitted for consideration in the second and third years.

Named Symposiums

- Honor our senior colleagues.
- Must be Honorary Member or equivalent status.
- Nominations are made 1.5 years in advance of the Annual Meeting (May 1 deadline).
- At this meeting Michio Yanai
- Next meeting in Atlanta 2012 – T. N. Krishnamurti and Aksel C. Wiin-Nielsen
- Past Named Symposia
  - 2000 Long Beach - Ted Fujita (posthumously)
  - 2002 Orlando - Dave Atlas, Dick Reed
  - 2003 Long Beach - Bob and Joanne Simpson
  - 2004 Seattle - Fred Sanders, Norm Phillips
  - 2005 San Diego - Suki Manabe, Ed Lorenz
  - 2006 Atlanta - Doug Lilly, Jim Holton (posthumously)
  - 2007 San Antonio - Akio Arakawa and Gene Rasmussen
  - 2008 New Orleans – Peter Hobbs and Dick Hallgren
  - 2009 Phoenix - Anthony J. Hollingswroth and Timothy R. Oke
  - 2010 Atlanta – Warren Washington and Joachim Kuettner

Meetings – Specialty Meetings

- Will have the Program Chairs meeting starting this afternoon (STAC Chairs are invited to stay).
- Overseen by STAC Committees and Boards.
- Work closely with AMS Staff.
- Some flexibility with budget and registration fees.
- Understand the global view of costs (e.g., some conferences operate at a loss).
- May be asked to consider joint conference or sharing a facility.
- Ask that future Program Chairs be appointed before current conference occurs.
- We host a Program Chairs meeting this afternoon.
- Post conference debriefs.
- Comments from Claudia Gorski, Director of Meetings

Meetings (cont.)

- Annual Meeting
- Overseen by STAC Committees.
- STAC Committees may chose to hold their Specialty Meeting at the Annual Meeting if desired, and are encouraged to be consistent with Overarching Theme.
- Alternatively, it is an opportunity to have a smaller symposium that allows STAC Committees to address topics that they often do not have time to discuss at the regular Specialty Meetings (similar to AGU's Chapman Conferences).
- It is an opportunity for several STAC Committees to join together to host a meeting on a topic that is interdisciplinary.
- STAC Committees need to, at the very least, become engaged in the planning process for the Annual Meeting.

Annual Meetings & Themes

- Seattle 2011
  - Peggy LaMone, President
  - "Communicating Weather and Climate"
- New Orleans 2012
  - Jon Malay, President-Elect
  - "Technology in Research and Operations – How We Got Here and Where We Are Going"
- Austin 2013
  - Louis Uccellini, President-Elect

Meeting Discussion Topics

- Update on STAC funding requests
  - New form, more details needed
- Discussion on extended conference abstracts
  - Info from Claudia?
- Discussion on Ex Officios and Boards
  - History of Boards
  - Purpose of Ex Officios from other committees
  - Next steps for next year's membership

Meeting Discussion Topics

- Ethics and AMS
  - OSTP memo on Scientific Integrity (December 2010)
  - AMS Constitution, Article XII: Guidelines for Professional Conduct
  - AMS activities
    - Planning Commission review
    - **All STAC Boards and Committees should make membership aware**
    - Included in new Bachelor's Degree in Atmospheric Science
    - Membership renewal acknowledgement (in progress)
  - Thursday, Presidential Town Hall, Ralph Cicerone "Ensuring Integrity in the Doing and Using of Science" (12:15p)
- Professional Development
  - Board on Continuing Professional Development (Commission on Professional Affairs)

Meeting Discussion Topics

- Upcoming Year Activities
  - Continue emphasis for student membership
  - Possible review of Commission
- Open discussion
  - Round-table

Commissioner Contact Information

- E-mail: amsstac@gmail.com
  - Best way to contact me
- Phone: 703-216-0860 (cell)

Next Steps

- Program Chair Meeting
  - Begins at 3:00 PM right here!

Questions?

- If no questions, then
  - THE END