The following Members' and Affiliate Representatives, appointed substitutes, faculty guests and Board and PACUR members were present for all or portions of the meeting:

Nair, Udaysankar  University of Alabama, Huntsville
Mölders, Nicole  University of Alaska, Fairbanks
Torn, Ryan  University of Albany, State University of New York
Betterton, Eric  University of Arizona
Ritchie, Elizabeth  University of Arizona
Wood, Kim  University of Arizona
Anderson, James  Arizona State University
Lynch, Amanda  Brown University
Marston, Brad  Brown University
Grotjahn, Richard  University of California, Davis
Saltzman, Eric  University of California, Irvine
Zender, Charlie  University of California, Irvine
Bordoni, Simona  California Institute of Technology
Mower, Richard  Central Michigan University
Nakamura, Noboru  University of Chicago
Stafford, Fred  University of Chicago
Limpasuvan, Var  Coastal Carolina University
Maliekal, Jose  College at Brockport
Noone, David  University of Colorado
Porreca, Ric  University of Colorado
Sievers, Robert  University of Colorado
Balstad, Roberta  Columbia University
Rieder, Harald  Columbia University
Zhou, Lei  Columbia University
Edson, James  University of Connecticut
Willig, Michael  University of Connecticut
Zehnder, Joseph  Creighton University
Archer, Cristina  University of Delaware
Targett, Nancy  University of Delaware
Wall, Tamara  Desert Research Institute
Wilcox, Eric  Desert Research Institute
House, Frederick  Drexel University
Ellingson, Robert  Florida State University
Ellington, W. Ross  Florida State University
Misra, Vasu  Florida State University
Shukla, Jagadish  George Mason University
Stan, Cristiana  George Mason University
Straus, David  George Mason University
Curry, Judith  Georgia Institute of Technology
Webster, Peter  Georgia Institute of Technology
Chance, Kelly  Harvard University
Ostrander, Gary  University of Hawaii
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<thead>
<tr>
<th>Name</th>
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<td>Schroeder, Thomas</td>
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Easterling, William  Pennsylvania State University
Forest, Chris  Pennsylvania State University
Thompson, Anne  Pennsylvania State University
Hoffman, Eric  Plymouth State University
Agee, Ernest  Purdue University
Tun, Wen-wen  Purdue University
Hara, Tetsu  University of Rhode Island
Lohmann, Rainer  University of Rhode Island
Few, Arthur  Rice University
Miller, James  Rutgers University
Robock, Alan  Rutgers University
Dannevik, William  Saint Louis University
Garcia, Oswaldo  San Francisco State University
Oliphant, Andrew  San Francisco State University
Bridger, Alison  San Jose State University
Detwiler, Andrew  South Dakota School of Mines and Technology
French, Adam  South Dakota School of Mines and Technology
Hansen, Tony  St. Cloud State University
Tait, Raymond  St. Louis University
Street, Robert  Stanford University
Hameed, Sultan  State University of New York at Stony Brook
Stamm, Alfred  State University of New York at Oswego
Winguth, Arne  University of Texas at Arlington
Cook, Kerry  University of Texas, Austin
Yang, Zong-Liang  University of Texas, Austin
Bowman, Ken  Texas A&M University
Miller, Kate  Texas A&M University
Dixon, Rich  Texas State University – visitor
Bruning, Eric  Texas Tech University
Schroeder, John  Texas Tech University
Jones, Dylan  University of Toronto
Kushner, Paul  University of Toronto
Henderson, Gina  U.S. Naval Academy
Smith, David  U.S. Naval Academy
Krueger, Steven  University of Utah
Strong, Courtenay  University of Utah
Miksad, Richard  University of Virginia
Moody, Jennie  University of Virginia
Frierson, Dargan  University of Washington
Hakim, Gregory  University of Washington
Hartmann, Dennis  University of Washington
Jobson, Tom  Washington State University
Herman, Redina  Western Illinois University
Ackerman, Steven  University of Wisconsin-Madison
Hitchman, Matthew  University of Wisconsin-Madison
Larson, Vincent  University of Wisconsin-Milwaukee
Andres, Magdalena  Woods Hole Oceanographic Institution
Clayson, Carol Anne  Woods Hole Oceanographic Institution
Jayne, Steven  Woods Hole Oceanographic Institution
Melillo, Jerry  Woods Hole Oceanographic Institution
Snider, Jefferson  University of Wyoming
Boos, William  Yale University
McElroy, Tom  York University
McLaren, Robert  York University
Tuesday, 4 October 2011

1. Chair of the UCAR Board of Trustees, Dennis Hartmann (University of Washington), called the Annual Meeting to order at 1:30pm. He welcomed the UCAR Members’ Representatives, appointed substitutes, members of the Board of Trustees, representatives from the UCAR Academic Affiliates, the President’s Advisory Committee on University Relations, representatives from the National Science Foundation, and early career faculty guests, as well as UCAR, NCAR, and UCP staff in attendance. After a review of the meeting agenda, it was moved, seconded, and passed to approve the agenda.

2. Jack Fellows, Director of UCAR Community Programs (UCP) and UCAR Vice President of Corporate Affairs, introduced the keynote speaker Michael Crow, President of Arizona State University, and a video of a TED talk by Anya Kamentz titled “DYI University”, also the subject of her book. The focus of the keynote was on new education paradigms to respond to new technologies, environmental stresses, challenges in university funding, and rising education costs, as well as creating the workforce for the future given changing skills needs, changing demographics, and expected weather and climate-related stresses.

3. Secretary of the Corporation, Roberta Balstad (Columbia University), presented the minutes from the 2011 Member’s Meeting. It was moved, seconded and passed to approve the minutes.

4. Treasurer Ric Porreca (University of Colorado), reviewed the Consolidated Financial Statements for the year ending 31 August 2011. He reported that while the current federal budget situation is very uncertain and UCAR budgets are flat and likely to remain so for the foreseeable future, UCAR and NCAR are managing in a conservative way. He also reported that the NCAR Wyoming Supercomputing Center is being completed on budget and on schedule, hardware vendors have been selected, and NSF approval is imminent.

5. In the absence of SPEC (Scientific Program Evaluation Committee) chair Mary Jo Richardson, committee member Jim Anderson presented the SPEC report. He reported that SPEC and the NCAR Advisory Council met in Boulder on to 16-17 August 2011 to hear presentations from the NCAR labs and assess NCAR progress against the scientific goals and objectives articulated in the most recent (28 August 2009) NCAR strategic plan and 2) assess the progress made on the proposed activities in the 2007 UCAR proposal to manage NCAR. The report was included in the Members materials.

6. Roger Wakimoto, NCAR Director, reported on NCAR activities over the past year. He noted especially the strained FY11 budget situation with a flat budget expected also in 2012. He noted staffing impacts and said that 2 priorities have been protected: the NWSC Capital and Operations costs and the Advanced Study Program (ASP).

7. Jack Fellows reported on the UCP activities over the past twelve months. He reported on current activities for COMET, Unidata, Visiting Scientist Program, Joint Office for Science Support, COSMIC, GLOBE, and National Science Digital Library (NSDL).

8. Member’s Nominating Committee Chair, Nicole Mölders (University of Alaska, Fairbanks), reported on the activities of the Member’s Nominating Committee, including reviewing the candidates they selected to run for the Board of Trustees, and the slates of new members on PACUR, the Membership and Member’s Nominating Committees.
The voting procedure to be used for the Trustee election and to be approved by the Member Representatives was put forward. However, an incorrect version of the procedure was presented—it called for the highest number of votes instead of the highest majority of votes for the four candidates to be elected Trustees.

It was decided to post the correct version calling for the highest majority of votes the next morning, and take another vote at that time to clarify and finalize the voting procedure.

### Wednesday, 5 October 2011

Dennis Hartmann reviewed the following voting procedure with the Members and made a motion to approve. The motion was seconded, and passed.

**Voting Procedure:**

*The four Trustees candidates receiving the highest majorities of votes will be elected Trustees. If all four Trustees positions are filled on the first ballot, the election is complete. If fewer than four Trustees are elected on the first ballot, then the name(s) of the so elected will be removed from the ballot and an additional allot or ballots will be taken until all Trustee positions are filled.*

Chair Hartmann reviewed the Institutional and At-Large Trustee candidates:
- Mark Abbott, Oregon State University
- Roberta Balstad, Columbia University
- Fred Carr, University of Oklahoma
- Everette Joseph, Howard University
- Alan Robock, Rutgers University
- Don Wuebbles, University of Illinois, Urbana – Champaign
- Vicki Arroyo, Georgetown Climate Center (Trustee at-Large)
- Richard Clark, Millersville University (Trustee at-Large)

There were no nominations from the floor and a motion was made, seconded and approved to accept the slate of candidates for the Board of Trustees.

The Members’ Representatives present submitted their ballots.

Chair Hartmann presented the slate of new members of Membership Committee. A motion was made to approve the new members of the Membership Committee; it was seconded and passed.

- Nicole Mölders, University of Alaska Fairbanks
- Joe Zehnder, Creighton University

Nicole Mölders presented the slate of new members of PACUR. A motion was made to approve the new members of the PACUR; it was seconded and passed.
Mölders then presented the slate of new members of the Member’s Nominating Committee. A motion was made to approve the new members of the Member’s Nominating Committee; it was seconded and passed.

- Bill Easterling, Pennsylvania State University – Chair
- Steve Ackerman, University of Wisconsin
- Susan Avery, Woods Hole
- Eric Betterton, University of Arizona
- Everette Joseph, Howard University
- Kirk Maasch, University of Maine
- Sumant Nigam, University of Maryland
- Walt Robinson, North Carolina State University
- Alan Robock, Rutgers University

9. Membership Committee chair, Bill Beasley (University of Oklahoma), reported on the activities of the Membership Committee this past year which included approving the renewal applications from four Academic Affiliate Institutions:

South Dakota School of Mines
Jackson State University
Millersville University
San Jose University

Beasley also reported that the committee reviewed membership renewal applications and recommended renewing UCAR Membership for:

- University of Alaska, Fairbanks
- University of California, Berkley
- University of Colorado
- Colorado State University
- Columbia University
- University of Nebraska, Lincoln
- University of Texas, Austin
- University of Utah
- University of Virginia
- University of Wisconsin, Milwaukee

Dennis Hartmann asked for a motion to approve accept the Membership Committee’s recommendation. A motion was made to approve the renewals of all applicants; it was seconded and passed.

Beasley also reported on the application for Membership from the University of North Dakota. After the review of the membership application and a site visit to the University of North Dakota the Membership Committee recommends the approval of the University of North Dakota’s application for Membership.
Dennis Hartmann asked for a motion to accept the Membership Committee’s recommendation. A motion was made to approve the University of North Dakota’s member application; it was seconded and passed.

There was discussion about delays the Membership Committee faces when renewing Universities don’t submit their material by the deadline or submit incomplete material. A few Member Representatives reported that the amount of required material is not onerous, and should not be a problem for departments to gather. However, a comment was made about the sizable task some of the larger departments and multi-department applicants face in assembling the required materials. Hartman said that the committee the Board will appoint to look at governance and membership practices will take a look at the process.

10. Michael Morgan, NSF Director of AGS, reported on a number of new NSF opportunities such as the postdoc research fellowships, SEES (Science, Engineering and Education for Sustainability) and EarthCube. He noted the continuing budget uncertainties for NSF and all federal science funding. Richard Behnke, Head of the Geospace Section/AGS, then reported on the ISPIRE Program encouraging innovative ideas. Sarah Ruth, Program Coordinator for NCAR and Facilities Section also spoke with the Members.

11. Dennis Hartmann announced the newly elected Trustees:
Institutional Trustees
Roberta Balstad, Columbia University
Fred Carr, University of Oklahoma
Everette Joseph, Howard University
Alan Robock, Rutgers University

At-large
Vicki Arroyo, Georgetown Climate Center
Richard Clark, Millersville University

12. Jack Fellows introduced and lead a panel discussion on creating alliances to tackle workforce issues. Panel members included:
Raj Pandya, UCAR
Don Wuebbles, University of Illinois
Ginny Brown, National Council for Science and Environment
Richard Clark, Millersville University
Dana Reinert, Kansas State University

13. Wendy Nuss, Lewis Burke Associates, gave the legislation and appropriations update. Cindy Schmidt, UCAR Government Affairs, reported on current advocacy activities and handed out awards for advocacy efforts over the last year.

14. UCAR President Rick Anthes presented his annual report to the Members saying that this is his last UCAR Annual Meeting as President and noted, among other things, what he considered to be his successes during his twenty-three year tenure; he said they all had these characteristics in common:
• Great idea/vision
• Plan to realize the vision
• At least one full-time champion working for the program
• A committed sponsor(s) and sponsor program manager(s)
• Sufficient resources
• Strong, committed and highly respected leadership of the program
• Excellent program management
• Hard work and perseverance
• Supportive, efficient, agile organizational structure and management support
• Community involvement, constructive external review and advice
• Team of excellent scientists, engineers and support staff
• Willingness among all team members to take acceptable risks, work hard, be painfully honest and transparent, and persevere through the ups and downs.
• Time Time Time
• Luck

The Members offered him an extended round of applause as a thank you for his many years of service.

15.  PACUR Chair, Greg Hakim (University of Washington) reported on the recent activities of PACUR. He reported on the two PACUR meetings held in the past year, and on the thorough reviews of NCAR and UCAR non-core proposals. Hakim especially noted that the PACUR relies on UCAR member feedback to be effective advisors to the UCAR President on issues important to the community. He reminded the Members to pass along information to their colleagues at their home institutions, and that if requested, comments sent to him can be kept anonymous.

16.  Academic Affiliate Representative, Sepi Yalda (Millersville University) gave a report on the Academic Affiliates meeting held the previous day. She reported that they concentrated their time discussing the following three items:

• Coping with austere budgets at their institutions
• Maintaining critical numbers of students in our programs
• Implementing the 2010 AMS Policy Statement on the BS Degree

The 2011 Annual Members Meeting adjourned at 2:30 pm.

~ End of Minutes ~

Respectfully submitted,

Susan Friberg
Assistant Secretary, UCAR

Approved by:

Roberta Balstad
Secretary, UCAR