MEMORANDUM
TO: President Advisory Committee on University Relations
FROM: Jack Fellows, Rick Anthes, and Susan Friberg
SUBJECT: 2008 October Members’ Meeting Planning

Purpose of this Memo. A key PACUR role is planning the Annual Members meeting. The purpose of this memo is to provide some suggestions for the PACUR Annual Meeting planning discussion.

Background and 2008 Members Meeting Suggestions. Annual Members’ meetings have included corporate business (e.g., electing the UCAR Board) and some type of community forum or theme. Below you will find a summary of past Annual Meeting forums and a sample Board/Members agenda so you can see the typical meeting components. The meeting audience is ~100 Member Representatives, Academic Affiliates, and PACUR members. Some suggestion for this year, include:

1. PACUR Sessions. Kerry Cook mentioned in her 9 Jan 2008 letter to the Members that the PACUR would be exploring some new ways to gather community input typically provided at the very end of the meeting in unstructured discussion. One idea was having a PACUR reception with an open mike at some point during the meeting. This input would be gathered and discussed at the PACUR meeting.

2. Meeting Theme. The new Administration will undoubtedly be more open to addressing climate change issues. So, perhaps this year’s meeting theme should be focused on “mitigation and adaptation” and how our community can contribute to important related policy issues facing the nation. The UCAR Board has asked UCAR to partner with key environmental groups on advocacy and is meeting with a few of these groups in May. Many of these groups are focused on cap and trade and carbon tax policy implementation and don’t talk much about the role that science will play in implementing or monitoring these approaches. Perhaps, we should consider inviting a keynote speaker to talk about these broader climate change policy issues and what role there might be for the sciences. This keynote could be followed by some thematic posters or discussion sessions, including:

   a. A National Adaptation Network. For decades, we have invested in environmental sensors; in research; in telecommunications, advanced computers and numerical weather and climate models; and in professional education. These efforts have made vital contributions to national well-being, but have not kept pace with evolving demands. Local and regional decision makers need longer-term, more reliable predictions and information to guide critical choices with respect to public health and safety, water and ecosystem management, energy production and use, food production, transportation services, recreation opportunities, and military readiness, and national
security. Could our community convene and led an effort to coordinate and share best practices on how to help these local and regional decision makers? Perhaps this could even evolve into a “national adaptation model network”? Members could bring any examples of current partnerships in their regions to bridge this gap and we could decide whether there was a reason to pursue this national model idea.

b. **The Next Generation Environmental Workforce.** Are we creating the right students for the future? Our community is uniquely posed to equip and educate the next generation of workers and citizens that can tackle and understand pressing environmental challenges. That is particularly true as issues like global warming are becoming increasingly debated throughout public and private society. There are many components to this, including recruiting, diversity, creating a national-level earth science curriculum, making our science more connected to societal needs, etc.

c. **2010-2012 GLOBE Student research Campaign on Climate Change.** The GLOBE program is working with other UCAR programs to develop a 2-year student climate research campaign intended to involve over a 1 million children world-wide and focus on enhancing learning and achievement in science, math, geography, and technology. The campaign would culminate by convening kids from around the world to report their findings to the United Nations. There could be a substantial role for the UCAR member universities to play in this initiative.

d. **General Science Themes.** We could also just pick a bit more specific set of science themes to focus on, including some that have been suggested in the past:
   i. hurricane forecasting
   ii. research on the African climate
   iii. chemical measurements in the lab and in the field
   iv. regional modeling using WRF and WRF-Chem
   v. global chemistry modeling
   vi. use of satellite measurements
   vii. climate modeling using CCSM
   viii. climate change in the Arctic
   ix. upper atmosphere processes and interaction with the Sun
   x. modeling of the Sun interior
   xi. extreme value statistics and communication of uncertainties
   xii. linking social studies and climate/weather communities
   xiii. cloud modeling and observations
   xiv. applied mathematics and scientific computing

We look forward to discussions some ideas with you in Austin!
SAMPLE MEMBER MEETING AGENDA

Monday, 13 Oct.
Noon-5:00 UCAR Board Meeting

Tuesday, 14 Oct.
8:00-Noon UCAR Board Meeting
11:00 Welcome and Open Time (e.g., PACUR Open Session, ROH, etc).
1:00 Lunch
2:00 Reports (Secretary, Treasurer, NSF, UCAR, NCAR, UOP, URC, Nominating, etc.)
5:30 Reception

Wednesday, 15 Oct.
8:30 Budget and Advocacy Update
8:45 Election of new Trustees and Member Committees
9:15 Membership Report
9:30 Break
10:00 UCAR Forum Sessions (or other PACUR initiative)
Noon Lunch
1:00 Forum Reports
2:30 Adjourn

Thursday, 16 Oct.
8:00-5:00 Heads & Chairs Meeting
8:00- Noon PACUR Meeting

Friday, 17 Oct
8:00-noon Heads & Chairs Meeting
Past Annual Meeting Forums

- **2001 and earlier**: We had several forums focused on how the community (UCAR, UOP, NCAR, university, and agencies) should position itself to meet the opportunities and challenges of the next several decades. We did a major community survey in 2000 (and will update this survey very soon) and had breakout groups on: (1) observational facilities, instrumentation, and field program support; (2) computing facilities and community models; (3) real-time and archived data; (4) education and training; and (5) recruiting graduate students.

- **2002**: Our theme was private, public, academic partnerships for weather and climate research and services. Our keynote was John Lumsden (Director of the Meteorological Service of New Zealand) who focused on his experiences in privatizing the weather service of that country. We had a panel of speakers from each of the sectors that spoke of their experience with these partnerships.

- **2003**: We focused on two things: (1) The future of universities (key note by Jim Duderstadt) and a community panel and (2) Geoscience Connections: UCAR and the universities (introduction by Tim Killeen and a panel focused on the water cycle, biogeosciences, cyberinfrastructure, next generation observing systems, and next generation faculty).

- **2004**: Our theme was "The Role Of The National Center In The Future Of The Geosciences". Kelvin Droegemeier and Rick Anthes introduced the topic by talking about what the competition means and our community's responsibility to human civilization. A panel chaired by John Merrill with Neal Lane, Kaye Howe, Tim Killeen, and Sepi Yalda and a panel of young scientists gave their perspectives on this topic. There were no breakout groups and we opened the floor for comments after the panel's comments.

- **2005**: We held an Open House that included facility tours, a poster session highlighting UCAR programs and collaborative community opportunities, and a range of receptions. These events focused on university participants and UCAR staff having a two way dialogue on (Open House Challenge):
  1. What is the UCAR program doing for the community?
  2. What are university capabilities and needs in this area?
  3. How could we be working closer together in this area to achieve some thing we can't do separately?

- **2006**: We had three elements for this year:
  1. **Premeeting Tours.** A number of NCAR and UCAR labs and programs held presentations and tours of their scientific facilities, and research and education activities.
  2. **Early Career Faculty.** We invited each institution to bring one early career faculty to participate in the tours, meeting, and special early career faculty events.
  3. **UCAR Strategic Plan Forum.** We conducted breakout groups in each of the draft UCAR Strategic Plan goal areas, and discuss how the universities, NSF and other sponsors, UCAR and NCAR can best work together to achieve these specific goals. Each session was two hours and co-chaired, by a UCAR/NCAR/UOP person and a Member/Affiliate/URC representative.

- **2007**: We continued the Early Career Faculty invitation and luncheon. We tried to do a pilot revere open house, but when that didn’t come together we sponsored five community breakout groups on:
  1. Earth system modeling
  2. NCAR Data Center
  3. Airborne and ground-based atmospheric observing system capabilities and opportunities in the U.S
  4. Diversity in the geosciences
  5. Education
  6. Community library