Trusted present for all or portions of the meeting were:
- Kelvin Droegemeier, University of Oklahoma, Chairman of the Board
- Richard Anthes, UCAR
- Eric Barron, University of Texas at Austin
- Rosina Bierbaum, University of Michigan
- Robert Dickinson, Georgia Institute of Technology
- Barbara Feiner, Washington University in St. Louis
- Rana Fine, University of Miami
- Efi Foufoula-Georgiou, University of Minnesota
- Shirley Malcom, American Association for the Advancement of Science
- Berrien Moore III, University of New Hampshire
- Franklin Nutter, Reinsurance Association of America
- Robert Palmer
- Leonard Pietrafesa, North Carolina State University
- Orlando Taylor, Howard University

Counsel and Corporate Officers
- Lise Carney, Board Counsel, Holland and Hart
- Jack Fellows, Asst Secty and Vice President for Corporate Affairs & Director of UOP
- Susan Friberg, Assistant Secty, Program Liaison, Corporate Affairs, UCAR
- Tim Killeen, Director, NCAR
- Jeff Reaves, Associate Vice President, Finance & Administration, UCAR
- Kathryn Schmoll, Asst Treasurer, Vice President, Finance & Administration, UCAR
- Dan Wilson, Asst Treasurer and Director of Treasury Services, UCAR
- Larry Winter, Deputy Director, NCAR

UCAR, NCAR, UOP
- Peter Backlund, Director of Research Relations, NCAR
- Aneka Finley, Administrative Assistant, UCAR
- Jeff Fiedler, Office of Government Affairs, UCAR
- Meg McClellan, Director, Office of General Counsel, UCAR
- Melissa Miller, Director, Budget & Finance, Finance & Administration, UCAR
- Delaine Orendorff, Human Resources, Finance & Administration, UCAR
- Raj Pandya, Director, Significant Opportunities in Atmospheric Research and Science, UCAR
- Robert Roesch, Director, Human Resources and Employee Relations, UCAR
- Steve Sadler, Director, Safety and Site Services, UCAR
- Karyn Sawyer, Assistant Director, EOL
- Cindy Schmidt, Director, Office of Development and Government Affairs, UCAR
- Catherine Shea, Executive Administrator to the Director, NCAR
Kathryn Strand, Special Projects Officer, UCAR President’s Office  
Michelle Travis, UCAR Finance & Administration  
Dan Wilson, Director of Treasury Operations, UCAR  
Shawn Winkelman, Director, Information Technology, Finance & Administration, UCAR  
National Science Foundation  
Richard Behnke, Acting Division Director, ATM/GEO  
Jay Fein, Program Director, Climate and Large Scale Dynamics Program  
Bernard Grant, UCAR & Lower Atmospheric Facilities Oversight Section ATM/GEO  
James R. Huning, Facilities Manager ATM/GEO  
Cliff Jacobs, Head, UCAR & lower Atmospheric Facilities Oversight Section ATM/GEO  
Steve Meacham, Program Director, Information Technology Research,  
Peter Milne, UCAR & Lower Atmospheric Facilities Oversight Section, ATM/GEO  
Jarvis L. Moyers, Acting Assistant Director, Geosciences  
Stephan Nelson, Program Director, ATM/GEO  
Sarah Ruth, Program Coordinator, ATM/GEO  
Other guests  
April Burke, Lewis-Burke Associates  
Joel Widder, Lewis-Burke Associates  

Wednesday, 16 May 2007  

The Board convened in Executive Session from 8:00am to 9:00am to act on the recommendations of the Personnel Committee regarding the NCAR Senior Scientist nominations and discuss the NCAR Data Center. The minutes are kept in the corporate offices.

1. WELCOME FROM THE CHAIRMAN OF THE BOARD  

Chairman Kelvin Droegemeier convened the meeting and asked for introductions. He requested that each Trustee and the UCAR Officers sign the Directors’ and Officers’ Insurance and Export Certificate and return it to the Corporate offices. He reported that the Board, in the earlier Executive Session, approved the appointments of the following NCAR staff to senior scientist: Jeffrey Anderson (ESSL), Christopher Cantrell (ESSL), William Collins (ESSL), David Edwards (ESSL), Tom Horst (EOL), Bette Otto Bliesner (ESSL). In addition, the Board approved Emeritus Senior Scientist positions for Joach Kuettner and Brian Ridley, and Affiliate Scientist positions for Dale Jamieson, New York University; Roger Kasperson, Clark University; and Mark Rast, University of Colorado.

2. SECRETARY’S REPORT  

Secretary Rosina Bierbaum presented the minutes from the February 2007 Board of Trustees’ meeting and asked for any corrections or additions. None were made. It was moved, seconded, and passed to approve the minutes as written.
3. **TREASURER’S REPORT**

Trustee and Treasurer Barbara Feiner reported on the consolidated financial reports, received by the Trustees in advance of the meeting. She noted that funding to NCAR is down by approximately $4M. In addition, there is a decrease the UCAR management fee revenue as NOAA has received new legal interpretations that question the collection of management fees on their cooperative agreements. However, the good news, Feiner said, is that the investments have done well and the returns have been higher this quarter than expected. It was moved, seconded, and passed to accept the Treasurer’s Report.

4. **AUDIT AND FINANCE COMMITTEE REPORT**

Trustee Feiner introduced the debt refinancing resolution. The Trustees received copies of this in advance of the meeting. This resolution concerns the advanced refunding of three UCAR bond series—1996A, 2002, and 2003—at a fixed rate that may result in present value savings in excess of $1M. UCAR is asking for approval to proceed with initial steps. Approving this resolution would mean that UCAR is “Tee’ed up and ready to go” to take advantage of a good interest rate if the opportunity presents itself. Feiner further explained that UCAR can take advantage of this only once, that there may be out of pocket costs, and that NSF approval is needed.

It was moved, seconded and passed to approve the resolution authorizing Series 2007 Bonds for Advance Refunding of 1996A, 2002, and 2003 series debt.

5. **PERSONNEL COMMITTEE REPORT**

In the absence of Personnel Committee Chairman Steve Rutledge, Len Pietrafesa gave the report. He reviewed the committee meeting held the previous day, reporting on the committee’s deliberations and recommendations for senior scientist, affiliate scientist, and emeritus senior scientist appointments. Discussion followed on various aspects of building a diverse scientific workforce, including sensitivities about “raiding” the small pool of diverse scientists at one institution to improve statistics at another.

6. **NSF Report**

Cliff Jacobs, Head of ATM’s UCAR and Lower Atmospheric Facilities section, reported on the change in personnel at GEO with Margaret Leinen’s departure. He noted that Jarvis Moyers was acting GEO Associate Director until a new AD is hired, and that Rich Behnke is acting ATM Director. Jacobs discussed the NSF cyber infrastructure vision for the 21st Century cutting across all directorates, emphasizing the importance of the bottoms up and local approaches to cyber infrastructure, of considering the science drivers shaping new cyber directions, the interdisciplinary questions, and of addressing questions of data, balance, leadership, staffing, and O&M budgets.

7. **NCAR Data Center**

NCAR Director, Tim Killeen, reviewed the history of supercomputing at NCAR and the situation leading up to the current planning for the next generation supercomputing center to address current needs in the atmospheric sciences. He reviewed the current process leading up to the selection of Wyoming as a partner to develop the new computing center, noting that they offered the greatest capabilities in the shortest amount of time at a significantly lower cost. Killeen said
that Wyoming’s status as an EPSCoR state was also an attractive feature, and that, overall, the choice of Wyoming allows NCAR to return to leadership class supercomputing by 2011. He said there would be a proposal developed later this summer, and that an external panel review would take place after that. Discussion centered on the importance of having a facility that can handle inter- and multi-disciplinary modeling to be able to more fully address how the changing earth will affect society.

8. NSF DIRECTOR REMARKS

NSF Director, Arden Bement, spoke with the Trustees about various foundation concerns such as the federal science budget, the importance of transformative research and the attendant difficulties of looking into the future to know what’s needed, the low success rate of proposals, and the growth of international programs as a strategic area.

9. LEWIS BURKE ASSOCIATES REPORT

April Burke and Joel Widder from Lewis Burke Associates talked with the Trustees about the visits to the Hill planned for the next day to talk with Congressional staffers and congress people about their views of, and questions around, climate change and other atmospheric science issues. Joel Widder reported that NSF, DOE and NIST budgets were in good shape, and that NSF’s credibility remains very high on the Hill. One caveat he noted is that more funding will be undoubtedly available for adaptation and mitigation of climate change, and that this may be at the expense of research funding.

The Board convened in Executive Session from 12:30–5:00 pm. (The minutes are kept in the corporate offices.)

The meeting adjourned at 5:00 pm.

Thursday, 17 May, 2007

The Board met from 8:00-9:30 am at the Rayburn House Office Building for a breakfast meeting hosted by Rep. Mark Udall (CO) with congressional staff and science committee members.

End of Minutes

Minutes approved by:

Rosina Bierbaum
Secretary of the Corporation

Minutes prepared by:

Susan J. Friberg
Assistant Secretary of the Corporation