

UNIVERSITY CORPORATION FOR ATMOSPHERIC RESEARCH

UCAR Board of Trustees Meeting  
11 February 2009  
Fleischmann Building  
Boulder, Colorado

DRAFT- Minutes

The following Trustees were present for all or portions of the meeting:

Rana Fine, University of Miami, Chair  
Mark Abbott, Oregon State University  
Steve Ackerman, University of Wisconsin – Madison  
Rick Anthes, UCAR  
Roberta Balstad, Columbia University  
Fred Carr, University of Oklahoma  
Richard Clark, Millersville University  
Kerry Cook, University of Texas at Austin  
Barbara Feiner, Washington University  
Efi Foufoula-Georgiou, University of Minnesota  
Dennis Hartmann, University of Washington  
Robert Palmer  
Leonard Pietrafesa, North Carolina State University  
Steve Rutledge, Colorado State University  
Anne Thompson, Pennsylvania State University  
Richard Truly  
Don Wuebbles, University of Illinois – Urbana

UCAR Corporate Officers & Counsel:

Eric Barron, NCAR Director  
Jack Fellows, UCAR Vice President, UOP Director  
Susan Friberg, UCAR Assistant Secretary  
Maura Hagen, NCAR Deputy Director, ASP Director  
Meg McClellan, UCAR General Counsel  
Jeff Reaves, Business Services  
Katy Schmoll, UCAR Vice President, Finance and Administration  
Dan Wilson, UCAR Director of Treasury Operations

Additional UCAR, NCAR & UOP Attendees:

Peter Backlund, NCAR Research Relations  
Rena Brasher-Alleva NCAR Budget and Planning  
Laura Curtis, Office of Government Affairs  
Veda Emmet, NCAR Directorate

Aneka Finley, UCAR Corporate Affairs  
Michelle Flores, UCAR Corporate Affairs  
Brant Foote, RAL  
Mary Hayden, ISSE  
Tom Hopson, RAL  
Kaye Howe, NSDL  
Roberta Johnson, UCAR Education and Outreach  
Karon Kelly, DLS  
Jeff Lazo, RAL  
Mary Marlino, NCAR Library  
Hanne Mauriello, UOP Budget and Planning  
Susan Montgomery-Hodge, UCAR President's Office  
Helen Moshak, NCAR Directorate Operations  
Raj Pandya, SOARS and Community Building  
Mohan Ramamurthy, UOP, Unidata  
Robert Roesch, UCAR Human Resources  
Steve Sadler, Safety and Site Services  
Karyn Sawyer, EOL  
Cindy Schmidt, Office of Government Affairs  
Tim Spangler, COMET  
Roger Wakimoto, EOL

NSF Attendees:  
Cliff Jacobs, UCAR and Lower Atmospheric Facilities

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Wednesday, 11 February 2009

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The Board convened in Executive Session at 8:10 am for a presentation on UCAR corporate conflict of interest policies and procedures and fiduciary duties—the customary orientation for new Board members.

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Board convened in Regular Session at 8:30am.

1. Welcome, Agenda Review and Introductions

In the absence of Chair Rana Fine, Secretary Rosina Bierbaum called the meeting to order. She welcomed the new Trustees Mark Abbott, Roberta Balstad, Fred Carr, Richard Clark, Donald Wuebbles, and re-elected Trustee-at-Large Richard Truly. Trustee Bierbaum reviewed the agenda and asked for approval. **It was so moved, seconded and passed to approve the agenda.**

## 2. Board Chair Report

Rana Fine then reviewed two Board related activities since the last Board meeting: 1) a Trustee conference call on the new Integrated Science Program (ISP) held on 29 December; and 2) an NCAR strategic planning meeting on 8 January to which a number of members of the newly formed Board subcommittee—the Budget and Program Committee—attended.

She then offered the following resolutions of appreciation for outgoing Trustees Len Pietrafesa and Hemant Shah.

### **Resolution of Appreciation for Len Pietrafesa**

January 2009 marks the end of Len Pietrafesa's tenure as UCAR Trustee. During the six years of his tenure, Len has served most ably on the Personnel Committee and as a Trustee Liaison to the President's Advisory Committee on University Relations. His time on the Board has been characterized by his keen attention to the direction of the corporation and to the scientific direction of the community as a whole.

His colleagues are pleased to express to him their gratitude and appreciation for his contributions and service to UCAR as a Trustee and wish him continued success.

We'll miss you, Len!

### **Resolution of Appreciation for Hement Shah**

Hement Shah has served on the UCAR Board of Trustees for the past 3 years. During that time, his energy, sharp insights, and optimism have always been a welcome addition to the interactions, especially on the UCAR proposal to manage NCAR.

Upon completion of his term, he takes with him the best wishes of the Board and UCAR management for continued success in all of his endeavors.

**It was moved, seconded, and passed unanimously to approve the resolutions of appreciation for outgoing Trustees Pietrafesa and Shah.**

## 3. Secretary's Report

Secretary Bierbaum reviewed the minutes and asked for approval. **It was moved, seconded, and passed to approve them as presented.**

## 4. Treasurer's Report

Treasurer Barbara Feiner reviewed the FY08 year-end consolidated financial reports. These were included in the materials mailed to the Trustees in advance. She noted that the General Fund was down 11.7% at the end of FY08. Overall, Feiner said that there "weren't a lot of bright lights" given the larger economic

situation right now, but that fixed income account was up 5.45%, helping to offset some of the loss in other areas of the investment portfolio.

The Consolidated Financial Reports for the first three months of FY09 were also sent in advance to the Trustees and Feiner reported that new funding is down—there is a 1.7% decrease from the year before in the NCAR core. There was general discussion about the general fund and possibly using it to cover some of the shortfall. President Anthes said the General Fund should be used for one-time opportunities, emergencies or investments and should not be used for ongoing support to programs.

#### 5. Audit and Finance Committee Report

Audit and Finance Committee Chair Feiner reviewed the meeting held the previous day. She reported that the committee had heard an extensive report from Justin Young (UCAR F&A) on the NCAR Budget, looking back over the past 10 years. She also reported that the auditors had issued “a clean and unqualified opinion” for the FY08 audit.

Dan Wilson, Director of Treasury Operations updated the Board on UCAR’s investment strategy and general investment situation.

#### 6. Personnel Committee Report

Chair of the Personnel Committee, Trustee Steven Rutledge, reported on the committee meeting held the previous day. The committee heard updates on the salary schedule, new process for performance evaluation of the UCAR President, and the Workforce Management Plan. He reported that the committee recommended approval of four new affiliate scientists, and asked the full Board for their vote in support of these appointments.

**It was moved, seconded and passed to approve the following as affiliate scientists:**

- Hector Socas Navarro, Instituto de Astrofisica de Canarias**
- Dale Barker, United Kingdom Meteorological Office**
- Paul Field, United Kingdom Meteorological Office**
- Xiaolei Zou, Florida State University**

#### 7. UCAR Budget and Program Committee Report

Chair of the Budget and Program Committee, Kerry Cook reported on the first meeting of this new committee which was held the previous day. She reported that the committee discussed its scope and responsibilities, and primarily the NCAR Budget. Rena Brasher Alleva, Director of NCAR’s Budget and Planning Office, presented the committee with a high-level overview of that office, a funding overview, the budget outcome for FY08 and the current status of the FY09 budget and its impacts on the NCAR program. She also outlined the Annual Budget Review

process. Trustee Cook noted the great challenges in managing the budget since the target isn't normally received until late in the third quarter. She also said that while there was a high level of uncertainty in FY10 funding, flexibility is being built into the system. The next meeting will be in May 2009 just before the Board Meeting in Washington D.C.

## 8. UCAR Update

UCAR President Rick Anthes updated the Trustees about a number of UCAR and NCAR activities and issues, including

- FY09 and FY10 federal science budgets
- UCAR advocacy activities in support of strengthening those budgets
- NCAR
  - New Budget and Program Committee of the Board
  - New NCAR strategic plan
  - Wyoming computer center
  - Chronic NSF budget shortfalls and measures to mitigate
  - Integrated Science Program (ISP)
  - Workforce Management Plan. To be tied to the new strategic plan and to take NCAR into the next few decades.
- Community Survey. The survey is set to go out to 14,000 members of the wide UCAR community this week!
- NCEP Review. Fred Carr is co-chairing the review of the nine centers.
- NCAR and UCAR 50th Anniversary in 2010. We will kick it off in October 2009, at the Annual Members Meeting.

Anthes finished up by saying that the Workforce Management Plan will be completed by October, and that the Personnel Committee will review, most likely by conference call, once there is a draft for discussion.

## 9. NCAR Update

NCAR Director Eric Barron updated the Trustees on the following:

- current NCAR budget situation, and measures taken to alleviate most of the shortfall,
- the principles and schedule behind the new NCAR strategic plan. The plan will be actionable and prioritized with science and service focused in two areas: Imperatives (what we must do to be a National Center) and Frontiers (new investments for the future). The plan will be tied to budgets, and the Workforce Management Plan that Rick Anthes referred to in his report will be tied to the strategic plan, as well.
- Leadership Assessment. NCAR Leadership is participating in 360 reviews in order to receive constructive feedback and strengthen skills.

- Update on the NCAR Wyoming Supercomputing Center. NSF has given the “green light” for NCAR, UCAR, and Wyoming partners to proceed with the initial facility design effort in FY09. Barron said that if all goes well, construction could begin by the end of this calendar year.

#### 10. UCAR Community Programs (UCP) Update

Director of UCAR Community Programs (UCP, formerly UOP) Jack Fellows updated the Trustees on the eight programs that make up UCP, specifically on the budget situation for each, and said that JOSS (the Joint Office for Science Support) and GLOBE are experiencing funding challenges. He reported that Unidata has been funded for another five years, albeit below its request. He also highlighted current activities in each of the programs, such as the value the learning communities place on the UCP digital library services (DLS and NSDL), a number of new modules being developed by COMET, the Unidata equipment awards deadline, COSMIC mission status and science highlights.

#### 11. Education at UCAR

Rick Anthes presented the overall UCAR Education Strategy, elements of which are: ensuring a balanced education portfolio at UCAR; taking advantage of the strengths of the National Center; engaging people in hands-on science; being entrepreneurial; responsive; service oriented; and synergistic. Roberta Johnson, Director of Education and Outreach (EO) at UCAR, Maura Hagan, Deputy Director of NCAR, and Kaye Howe, Director of NSDL/UCP presented summaries of UCAR EO, NCAR and UCP Education programs—their scope, philosophies, and inter-dependencies and collaborative elements. Discussion centered around the importance of focusing on cross-cutting and science programs at UCAR.

#### 12. Federal Budget and Advocacy Update.

Cindy Schmidt, Director of the Government Affairs presented a draft set of UCAR advocacy priorities for the coming year and asked for approval from the Trustees. She said UCAR will continue to work at providing expert advice and support to the new Administration and Congress on science-related policy issues, advocate for additional resources and capabilities in the science community, and identify and seek federal support for the direct needs of the atmospheric and related sciences community. NSF remains the highest agency advocacy priority, she said, and working with NOAA to move toward the establishment of a National Climate Service with strong community participation will receive much UCAR attention as well.

#### 13. NSF Update

Cliff Jacobs updated the Trustees on the stimulus and other financial support to NSF. He reported that much time and effort have gone into stimulus spending

deliberations and that Arden Bement will be sending a guidance letter out shortly. He mentioned that the NSF stimulus emphasis will be focused on the Grants Program, with 10-20% going to infrastructure. He noted that there would be a substantial sum for NCAR and that there are plans to use it for replacing avionics in the C-130 and to maintain buildings at Jeffco.

Regarding the FY09 budget, Jacobs reported that it is likely that there will be a 6-7% increase for NSF once the budget is finalized.

14. Board Nominating Committee Report.

In the absence of Nominating Committee Chair Frank Nutter, Len Pietrafesa presented the committee's report. He reported that the committee has added Bob Palmer to the NCAR Budget and Program Committee. **After this addition, it was moved, seconded and passed to elect the following corporate officers and committees:**

**UCAR Board of Trustees  
Officers and Committee memberships  
February 2009-February 2010**

BOARD OFFICERS

|                       |                             |
|-----------------------|-----------------------------|
| Chair                 | Rana Fine                   |
| Vice Chair            | Dennis Hartmann             |
| Secretary             | Rosina Bierbaum             |
| Treasurer             | Barbara Feiner              |
| Assistant Secretaries | Jack Fellows, Susan Friberg |
| Assistant Treasurers  | Kathryn Schmoll, Dan Wilson |

Others: Eric Barron, Maura Hagan, and Jeff Reaves

EXECUTIVE COMMITTEE

|                  |                                                                                |
|------------------|--------------------------------------------------------------------------------|
| Chair            | Rana Fine                                                                      |
| Members          | Rosina Bierbaum<br>Barbara Feiner<br>Dennis Hartmann                           |
| Members at Large | Richard Anthes<br>Kerry Cook<br>Frank Nutter<br>Anne Thompson<br>Richard Truly |

AUDIT AND FINANCE COMMITTEE

|         |                                                                       |
|---------|-----------------------------------------------------------------------|
| Chair   | Barbara Feiner                                                        |
| Members | Steve Ackerman<br>Roberta Balstad<br>Richard Clark<br>Dennis Hartmann |

PERSONNEL COMMITTEE

Chair  
Members

Frank Nutter  
Richard Truly  
  
Anne Thompson  
Mark Abbott  
Fred Carr  
Kerry Cook  
Efi Foufoula Georgiou  
Shirley Malcom  
Robert Palmer  
Steve Rutledge  
Donald Wuebbles

NOMINATING COMMITTEE

Chair  
Members

Frank Nutter  
Efi Foufoula Georgiou  
Shirley Malcom

UCAR BUDGET AND PROGRAMS COMMITTEE

Chair  
Members

Kerry Cook  
Steve Ackerman  
Barbara Feiner  
Dennis Hartmann  
Robert Palmer  
Steve Rutledge

TRUSTEE LIAISON

PACUR

Fred Carr

15. Weather and Meningitis in Africa

Raj Pandya, Director of SOARS and Community Building, along with NCAR scientists Mary Hayden, Tom Hopson, and Jeff Lazo presented an overview of a new program funded by Google.org that will use 1-14 day weather forecasts to better manage Meningitis in Africa.

16. Overview of the Research Applications Laboratory (RAL)

RAL Director Brant Foote presented a comprehensive look at the projects in the Laboratory past, present and future.

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The Board reconvened in Executive Session at 3:30pm. The meeting adjourned at 5:30pm. Minutes are kept in the corporate offices.

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End of Minutes.

