The Board of Visitors, May 2005

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DEPARTMENT OF GEOLOGY & GEOPHYSICS
University of Wisconsin-Madison

Left to right are: Mary Anne Fitzpatrick, Deputy Dean, L&S; Herb Wang, Assistant Dean L&S; Clark Johnson, Department Chair 2002-05; John Valley, Department Chair 1996-99; Lou Maher, Building Addition Committee Chair; Mary Anderson, Department Chair 1999-02; and Martin Cadwalader, Graduate School Dean.

• May 2003 – Groundbreaking for Weeks Hall West Wing Addition.
• October 2004 – West Wing occupancy.
• April 2005 – Geomicrobiology and Mineralogy Lab construction begins.
• May 2005 – West Wing Dedication and Alumni Reunion.

The CAMECA IMS-1280

SPRING AWARDS BANQUET
MONONA TERRACE • MADISON
May 7, 2005
Richard B. Alley (B.S. 1980, M.S. 1983 Ohio State; Ph.D. 1987 UW Madison) grew up near Columbus, Ohio, attended Ohio State University with a major in geology, and received his B.S. summa cum laude in 1980. As a freshman he began work in glaciology with the late Ian Whillans, continuing on with him to his M.S. in 1983. He came then to the Department of Geology and Geophysics at UW-Madison, where he studied ice cores, leading in 1987 to his Ph.D. dissertation, *Transformations in Polar Firn*, but was better known around the Department for his brilliant geological interpretations of soft-bedded West Antarctic ice streams.

After a year's postdoc here he went to Pennsylvania State University as Assistant Professor of Geosciences, rising quickly through the faculty ranks and being named Evan Pugh Professor in 2000. There he teaches and conducts research on paleoclimatology, the dynamics and sedimentary deposits of large ice sheets, and future changes in climate and sea level.

His research has led to more than 150 refereed publications on a broad range of topics, and to wide recognition among scientists and public alike as one the world's leading experts on glaciers, climate, and sea level. In testimony thereof: He is a Fellow of the AGU, and has been awarded a Packard Fellowship, a Presidential Young Investigator Award, the Horton Award of the AGU's Hydrology Section, the Easterbrook Award of the Quaternary section of the GSA, and two Penn State awards for teaching and scholarship. His book on the famous GISP2 ice-core-drilling project in Greenland and the dramatically rapid post-glacial climate changes he found recorded in the ice cores, *The Two-Mile Time Machine*, won the national Phi Beta Kappa Science Award in 2001.

Richard is a particularly effective communicator with the public who is frequently interviewed or quoted on glaciological and climatic matters, usually showing his flair for the apt metaphor.

Richard is married with two children and resides in State College, PA.

–Charles R. Bentley, Citationist
SPRING AWARDS BANQUET—2005

6:00 PM – Social (Sponsored in part by CAMECA)
6:30 PM – Dinner and Program

Introductory Remarks
Clark M. Johnson, Department Chair

Board of Visitors—Past and Future Leadership
James F. Davis, Thomas Johnson

Reflections on the Department
Clark M. Johnson

Awards and Honors

—2005 Distinguished Alumnus Award—
Richard B. Alley
Citationist—Charles R. Bentley

—Distinguished Service Awards—
Marie Dvorzak
Sharon A. Meinholz

—Charles R. Van Hise Professor of Geology—
John W. Valley

—Undergraduate Awards—Phil Brown, Presenter—
The Hilldale Award
Daniel G. Hallau, with Laurel Goodwin and Basil Tikoff

The Wasatch-Uinta Field Camp Scholarships
Sabrina L. Behrens
Michael J. Markgraf
Matthew J. Carter
Melissa M. Mitchell
Jon D. Popelars

The Paull Family Undergraduate Scholarship in Geology and Geophysics
Anna C. Dahl

The Laurence Dexter Environmental Scholarship
David O. Doncheck

The Carl and Val Dutton Scholarship
Craig C. Schuettpelz

The Eugene Cameron Scholarship
Corey M. Schwabenlander

The Outstanding Sophomore Award
William S. Cassata

The Lowell R. Laudon Outstanding Junior Scholarships
Daniel G. Hallau
Craig A. Schiller

The Mack C. Lake Outstanding Senior Scholarships
George X. Rothdrake
Jeffrey M. Schneider

T.C. Chamberlin Scholarships
Sabrina L. Behrens
Matthew J. Carter
Sam C. Jorgensen

The James J. and Dorothy T. Hanks Award in Geophysics
Justin R. Brown

—Graduate Awards—Alan R. Carroll, Presenter—
The Stanley A. Tyler Teaching Awards
Christopher S. Lowry
Richard A. Becker
Kurt A. Refsnider

The Thomas E. Berg Teaching Award
Eric M. Horsman

The Albert and Alice Weeks Outstanding Research Paper Awards
Aaron J. Cavosie
Brian R. Jicha
Jade Star Lackey

George J. Verville Award in Geology & Geophysics
Adam R. Eisenach

The Geology and Geophysics Teaching Enhancement Awards
Eric M. Horsman
Sarah J. Titus

The Morgridge Distinguished Graduate Fellowship
Nancy J. Mahlen

The Bailey Distinguished Graduate Fellowship
Michael E. Smith

The Kenneth and Linda Ciriacks Distinguished Graduate Fellowship
Eric M. Horsman

The Van Hise Graduate Fellowship
Jeffrey D. Wilcox

—Board of Visitors’ Presentations—
Thomas Johnson, Board Chair

The Distinguished Undergraduate Student Award
Adam K. Flaaten

The Distinguished Graduate Student Award
Daniel C. Douglass

—Geoclub Presentations—
Carrie Moeller, Geoclub President

The Distinguished Undergraduate Student Award
Adam K. Flaaten

The Distinguished Graduate Student Award
Daniel C. Douglass

—Geoclub Presentations—
Carrie Moeller, Geoclub President