

The Board of Visitors, April 2004

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William Morgan, Consortia Committee Chair

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Christine Rossen

Philip "Pete" Stark

M. Ray Thomasson

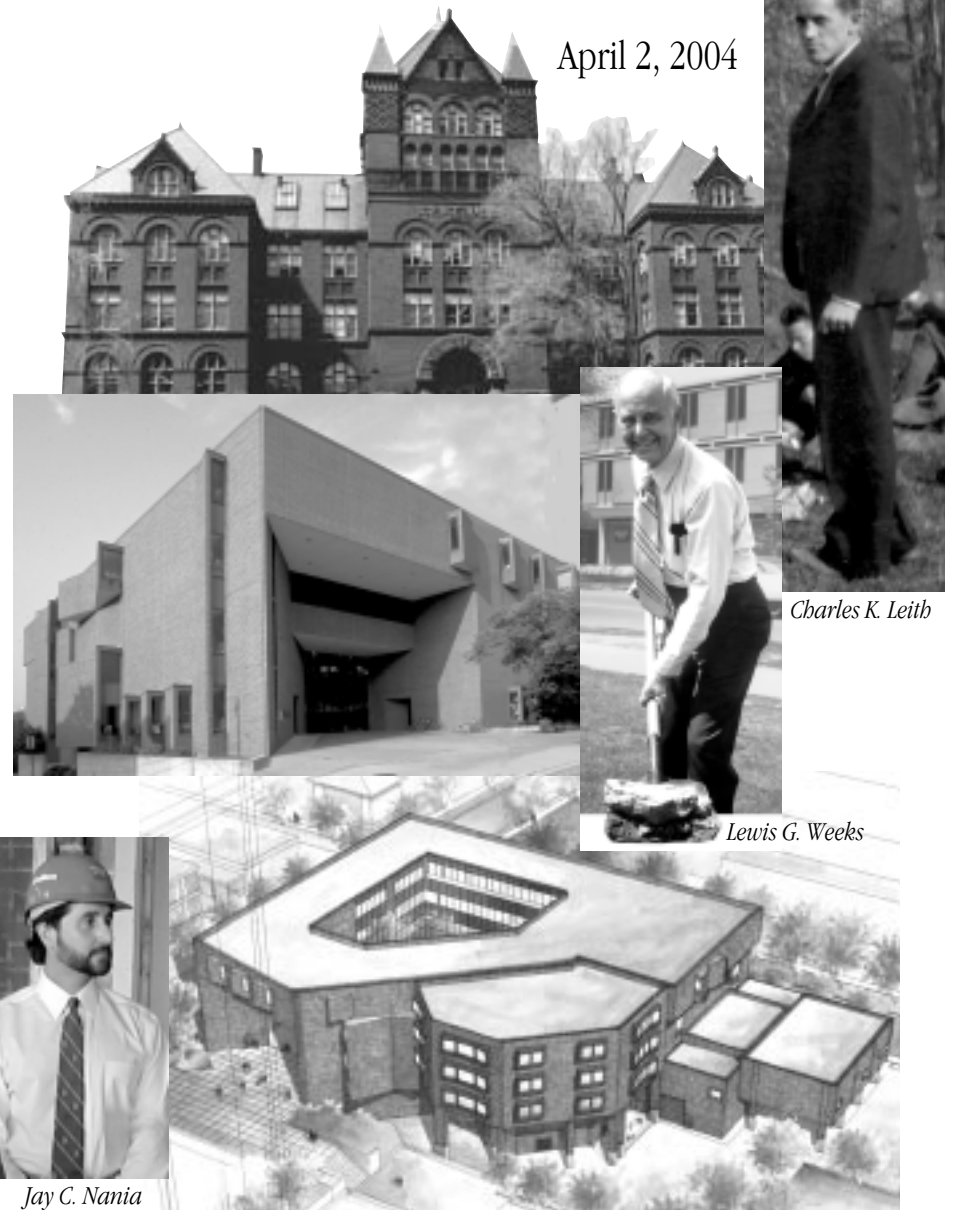
Awards Banquet

for the University of

Wisconsin-Madison

Department of Geology & Geophysics

April 2, 2004



Charles K. Leith

Lewis G. Weeks

Jay C. Nania

Spring Awards Banquet—2004

5:30 PM—*Social Hour*

6:30-8:00 PM—*Seating and Dinner*

8:00-11:00 PM—*Program*

Introductory Remarks

Clark M. Johnson, Department Chair

Presentation

Patricia Hall—BP

The State of the Department

Clark M. Johnson

Awards & Honors

—2004 Distinguished Alumni Awards—

Charles K. Leith
Citationist—Robert H. Dott

Lewis G. Weeks
Citationist—Robert H. Dott

Jay C. Nania
Citationist—J. Campbell Craddock

—Board of Visitors—Past and Future Leadership—

Jay C. Nania
James F. Davis

—Distinguished Faculty Award—

Herbert F. Wang

—Distinguished Departmental Service Award—

Robert B. Abernathy

—Undergraduate Awards—Charles W. Byers, Presenter—

The Hilldale Awards

Clint A. Boyd—Dana Geary
Justin R. Brown—Cliff Thurber

The Wasatch-Uinta Field Camp Scholarships

Kyle J. Francken	Lynnette L. Kleinsasser
Lauren A. Hubbard	Shasta L. McGee
Laura E. Wagner	Joel S. Prellwitz
Adam V. Kiehn	Jon D. Van Alstine

The Paull Family Undergraduate Scholarship in Geology and Geophysics

Lynnette L. Kleinsasser

The Laurence Dexter Environmental Scholarship

Kirk K. Heatwole

The Carl and Val Dutton Scholarships

Jeffrey M. Schneider
Laura E. Wagner

The Eugene Cameron Scholarship

Lauren A. Hubbard

The Outstanding Sophomore Award

Justin R. Brown

The Lowell R. Laudon Outstanding Junior Scholarships

Adam K. Flaaten
Sam C. Jorgensen

The Mack C. Lake Outstanding Senior Scholarship

Jon D. Van Alstine

T.C. Chamberlin Scholarships

Emily L. Harrison	Albert R. Kottke
Adam V. Kiehn	Matthew M. Silbernagel

—Graduate Awards—Alan R. Carroll, Presenter—

The Stanley A. Tyler Teaching Awards

Steve R. Beyer
Bradley J. Sleeth

The Thomas E. Berg Teaching Award

Sarah J. Titus

The Albert and Alice Weeks Outstanding Research Paper Awards

Thomas J. Lapen
Jeffrey T. Pietras
Haijiang Zhang

George J. Verville Award in Geology & Geophysics

Adam R. Eisenach

The James J. and Dorothy T. Hanks Geophysics Graduate Student Achievement Award

Mei Xue

The Morgridge Distinguished Graduate Fellowship

Thomas J. Lapen

The Bailey Distinguished Graduate Fellowships

Aaron J. Cavosie
Brian R. Jicha

The Kenneth and Linda Ciriacks Distinguished Graduate Fellowship

Stephanie M. Maes
Leonardo H. Piccoli

—Board of Visitors' Presentations—

James F. Davis, Board Chair

The Distinguished Undergraduate Student Award

Carrie E. Larson

The Distinguished Graduate Student Award

Benjamin J. Laabs

—Geoclub Presentations—

Jonathan K. Eaton, Geoclub President

The Distinguished Alumni Awards

2004

In recognition of outstanding leadership of the Board of Visitors and exceptional service to the Department of Geology and Geophysics.

Jay C. Nania (B.S. 1984; M.S. 1987) was born in Madison, Wisconsin in 1961 to parents James and Virginia. He is the fifth of five boys. Jay earned a B.S. degree in Geology from our department in 1984. Before an Undergraduate GeoClub had been established, Jay was elected as the first ever undergraduate to serve as Vice-President of the GeoClub in 1983. Jay



Jay C. Nania

continued on at Wisconsin as a graduate student in Structural Geology under Professor Campbell Craddock, receiving his M.S. in 1987. Jay's fieldwork-based thesis focused on the structure and stratigraphy along a major Proterozoic unconformity on the island of Spitsbergen. The reconstructed cross section from his thesis was included in the 1:100,000 Geological Map of Svalbard published by the Norsk Polarinstitut in 1990.

Since being hired by BP in 1986, Jay has held a variety of roles associated with oil and gas exploration, appraisal, and production, including Lead Geologist on the 1997 significant "Hoover" Oil Discovery located in the deepwater Gulf of Mexico. Jay has also taught early development courses at BP and received an Outstanding Teaching Award in 1990. He currently holds the position of Joint

Venture Manager in BP's Gulf of Mexico Deepwater Production Business Unit, leading a multidisciplinary team responsible for BP's interests in several large oil and gas fields. Jay also serves as a Lead Geoscience Recruiter for BP, and serves on the Board of the Fort Valley State University Minority Education Consortia.

Jay served as President of the WAA accredited

University of Wisconsin Alumni Club of Houston from 1995-1998. In 1996 he became the youngest person ever asked to join the UW Geology and Geophysics Department's Board of Visitors, serving as its Chair from 1999-2004. During his tenure he focused the board's energy on his stated "3 M's"—Money, Mentoring, and Minorities (Diversity). Under his leadership the board has successfully facilitated the construction of the Weeks Hall West Wing Addition, established external mentorship opportunities for every undergraduate and graduate student, and facilitated the creation of the first Minority Research Assistantship offered by the department.

Jay and his wife Silvia reside in Houston, Texas with their three children Christina, Jason, and Julia.

The Distinguished Alumni Awards

2004

Charles K. Leith

Lewis G. Weeks

Jay C. Nania

Presented April 2, 2004

The Distinguished Alumni Awards 2004

In recognition of over three decades of leadership in the Department of Geology and Geophysics during a period of its greatest growth in size and reputation.

Charles K. Leith (B.S. 1887; Ph.D. 1901) began his geologic career in 1892 as a secretary to Professor Charles Van Hise. Geology so enthralled him that he became a major and completed a B.S. degree, with high honors, in 1897. His Bachelor's thesis was on the Precambrian volcanic rocks of the Fox River Valley. C.K. Leith completed a Ph.D. in our Department in 1901, with a thesis entitled simply "Rock Cleavage." At age 27, Leith was appointed as Assistant Professor in the Department and to the U.S. Geological Survey's Lake Superior Division based at the University.

C.K. Leith presided over the most important expansion of the Department, bringing it to a high level of international visibility. As a protege of Van Hise, who went on to become President of UW-Madison, Leith became Chairman in 1903. His leadership of the Department spanned more than three decades, during which he was also head of the Lake Superior Division of the U.S. Geological Survey and did extensive consulting. Leith quadrupled the size of the Department faculty in his first 15 years as Chairman. Leith's work on Precambrian geology and mineral deposits in the Lake Superior region catapulted the Department to international prominence in the period before World War I, and his extensive involvement with mining and resource conservation led to his important advisory role to the Federal



Charles K. Leith

Government leading up to World War II.

In addition to the critical role that he played in building the Department, Leith made significant contributions to the broader scientific community. His numerous textbooks in structural geology (1913 and 1923) and metamorphic geology (1915) had profound influences and *Economic Aspects of Geology* (1921) and *World Minerals and World*

Politics (1931), were landmark works in relating economic mineral deposits to the greater needs of society. Leith's service as President of the Geological Society of America (GSA) and the Society of Economic Geology (SEG) helped shape those societies during their pre-World War II expansions. His numerous awards include election to the National Academy of Sciences and the Penrose Medals of both GSA and SEG. Leith was awarded honorary degrees by Columbia University (1940) and Wisconsin (1956).

C.K. Leith passed away in 1956. His first son, Kenneth, attended the University and worked with his father on mineral resource reports to the government. A second son, Andrew Leith, took three degrees (B.S., M.S., and Ph.D.) in the Department, and continued the Leith family's history in mineral resources and geology. Andrew's children, Janet Leith Lamphier (BA 1963) and David Leith (BBA 1958) live in Pennsylvania.

The Distinguished Alumni Awards 2004

In recognition of outstanding service to the geological community and strong support of the Department of Geology and Geophysics.

LEWIS G. WEEKS

(B.A. 1917) was an undergraduate student at UW-Madison between 1913 and 1917, and completed a Bachelor's thesis under C.K. Leith on the mineralogy of Lake Superior iron ores. After graduation, Weeks worked for Anaconda Copper Company in Mexico, prior to enrolling at Cornell in 1919 to study paleontology. However, Weeks recognized that great opportunities existed in

stratigraphy and petroleum exploration, and the following year he embarked on the career that would take him across the globe for the next four decades. After spending four years prospecting for oil in India, Weeks joined Standard Oil Company in 1924, and for the next 14 years he would explore every country in South America. Then he moved on to help discover the great Alberta Petroleum Basin in Canada in 1947. He continued in his position as Chief Geologist for Standard Oil up to his mandatory retirement in 1958 at age 65.

Following retirement, Lewis Weeks began a career as a consulting geologist, and started working with the Australian government in 1960 in an effort to establish if the continent had significant oil reserves. He had long believed there would be substantial reserves in the Bass Strait between Australia and Tasmania, and drilling in the region began in 1964. The discoveries were great, and some 10 years after formal retirement, Lewis Weeks was at the center of the turning point for Australia, as it moved from near complete dependence on foreign oil to near petroleum independence.



Lewis G. Weeks

In addition, Lewis Weeks contributed greatly in terms of service to the field of geology. He served as President of the American Association of Petroleum Geologists (AAPG), and has been the recipient of the AAPG Human Needs Medal, as well as its highest honor, the Sidney Powers Memorial Award. He has received several honorary degrees, including one from UW-

Madison, as well as a Wisconsin Alumni Association Distinguished Service Award.

Lewis Weeks, and his brother Albert (also an alumnus of the Department), have been great benefactors to the Department. In the late 1960's, Lewis began discussions about contributing to a new home for the Department, given the extreme crowding in Science Hall. In 1971, Lewis Weeks made a substantial commitment for a new building and in 1972 construction began on Weeks Hall. The new building was dedicated in a ceremony attended by the Weeks family in 1974. Subsequently, additional major gifts provided funding for a building expansion in 1981 and two major endowment funds, one from Lewis and one from Albert and his wife Alice. The seed for the current expansion of Weeks Hall comes from this allocation of \$1M. It is no exaggeration that the generous contributions made by the Weeks family continue, to this day, to make a major impact on the Department on a daily basis.

Lewis Weeks passed away in 1977. His only child, Austin Weeks, lives in Florida.