

# Geology and Geological Engineering

# NEWS

For alumni, students, and friends of the  
Department of Geology and Geological Engineering  
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September 2007

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Send your notes, updates, change of addresses, e-mails  
or whatever to

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or update notes and address information on our Web  
site ([www.geology.und.edu](http://www.geology.und.edu))

## A Note from GGE

***“WHAT YOUR SUPPORT MEANS TO US!”***



*WITHOUT THE GENEROUS SUPPORT OF OUR ALUMNI, WE WOULD NOT BE ABLE TO CONTINUE TO OFFER THE HIGH-QUALITY PROGRAMS AND ACTIVITIES OUR STUDENTS HAVE COME TO EXPECT.*

*FOR EXAMPLE, WITHOUT YOUR SUPPORT, WE WOULD NOT BE ABLE TO TAKE STUDENTS ON FIELD TRIPS, INVITE GUEST LECTURERS (THE LEEPS LECTURE SERIES), OR SEND STUDENTS AND ASSIST FACULTY TO ATTEND CONVENTIONS AND CONFERENCES, SUCH AS AAPG, GSA, AGU, AND LPS. THE UNIVERSITY COVERS LITTLE OF THE COSTS OF THESE IMPORTANT ACTIVITIES, AND OUR STUDENTS AND FACULTY CANNOT AFFORD TO PAY FOR THEM BY THEMSELVES.*

*FACULTY GRANTS CONTINUE TO PROVIDE IMPORTANT SUPPORT FOR MANY GRADUATE STUDENT ACTIVITIES, BUT WE CONTINUE TO URGE UNDERGRADUATES TO PARTICIPATE IN ACTIVITIES OUTSIDE OF THE CLASSROOM AND PRESENT THEIR RESEARCH RESULTS. OUR ATTENDANCE AT NATIONAL AND REGIONAL MEETINGS HAS GREATLY IMPROVED OVER THE LAST SEVERAL YEARS THANKS TO ALUMNI ASSISTANCE.*

*THE NEED FOR YOUR HELP HAS INCREASED DURING THE PAST FEW YEARS, BECAUSE THE UND BUDGET FOR MAINTENANCE AND INVESTMENT IN OUR LABORATORIES HAS DWINDLED TO*

*(CONTINUES ON PAGE 2)*

## What you mean to us, continued!

ALMOST NOTHING. FORTUNATELY, WITH YOUR HELP WE HAVE BEEN ABLE TO RECONSTRUCT ROOM 1 TO CREATE THE JOHN R. REID RESEARCH LABORATORY. THERE ARE OTHER SIMILAR PROJECTS UNDER WAY, INCLUDING A NEW CLIMATE SYSTEM FOR THE F.D. HOLLAND, JR., GEOLOGY LIBRARY.

BESIDES THE "BIG-TICKET" ITEMS LISTED ABOVE, WE ALSO USE ALUMNI FUNDS TO COVER DUPLICATION AND MAILING COSTS AFTER OUR YEARLY BUDGET RUNS OUT, TO HELP PAY FOR ALUMNI GATHERINGS AND NEWSLETTERS, TO SUPPORT DEPARTMENTAL GATHERINGS, SUCH AS THE FALL PICNIC, HOMECOMING LEONARD BANQUET, CHRISTMAS CELEBRATION, AND SPRING STUDENT AWARDS BANQUET, WHERE ALL STUDENT TICKETS ARE HIGHLY DISCOUNTED. STUDENTS ARE REGULARLY PROVIDED STIPENDS TO PRESENT TALKS AT CONFERENCES OR DOLLARS TO PURCHASE SUPPLIES FOR UNFUNDED RESEARCH. THE MAINTENANCE AND PURCHASE OF NEW LABORATORY EQUIPMENT IS FREQUENTLY AIDED BY ALUMNI DONATIONS.

SO, YOUR SUPPORT HAS BEEN ESSENTIAL TO THE SUCCESS OF OUR PROGRAMS. THE STUDENTS AND FACULTY SEND YOU THEIR SINCERE THANKS.

*Donations can be made out to the UND Foundation for GGE. Contact the Department in care of Ms. Connie Larson at: University of North Dakota, Dept. of Geology and Geological Engineering, 81 Cornell Street Stop 8358, Grand Forks, ND 58202 (701-777-2248; connie\_larson@mail.und.edu).*

## To Acknowledge with Thanks

The Department thanks its many friends who continue to support its activities on behalf of the education and scholarship of students and the intellectual growth of faculty through financial donations. Your generosity represents a significant aspect of the success of our students and faculty.

Feel free to visit with faculty at homecoming or any time you are in Grand Forks and ask for a tour.

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2007 Newsletter Editors, Joseph Hartman and Dexter Perkins; please send comments, corrections, and suggestions to joseph\_hartman@und.edu, (701) 777-5055; dexter\_perkins@und.edu 777-2991

## A full-length December 2007 Alumni Newsletter will be forthcoming

### Send Your Alumni Notes and Updates to

Joseph Hartman at joseph\_hartman@und.edu (snail mail, of course, is always appropriate).

Feel free to include photos or other images you feel alumni might find memorable.

### Or Visit

<http://www.geology.und.edu>

under "Our Alumni" to post a message.

You can access the Alumni and Friends database using the following logon password: xxxxxxxxxxxxxx.



## 2007 Homecoming Events

UND's Homecoming events for Fall 2007

are scheduled for the week of

September 27 through September 29.

- The Department's A.G. Leonard Award banquet will be held on Thursday, September 27, at the Ramada Inn. The social hour will start at 5:30 p.m., with dining at 6:30 p.m.
- The Sioux Award will be given the same night to Tom Hamilton at the Alerus Center.
- Please join us for a noon seminar on Friday, September 28, at noon in 100 Leonard Hall.
- A GGE advisory meeting will be held at 1:00 p.m. in the Leonard Hall Conference Room.
- The induction of new School of Engineering and Mines Academy members begins at 2:30 p.m. (reception), 3:00 p.m. (induction) in Upson II, and 3:30 p.m., tour of the departments. Upson II is located just west across the parking lot from Leonard Hall.

## The A.G. Leonard Medal Banquet on Thursday, September 27

*The Arthur Gray Leonard Award was established by the Department of Geology and Geological Engineering in 1992 in honor of its namesake (1865–1932), who, as a pioneering geologist across many fields of interest in North Dakota, was also a leader and a scholar. Award of this medal recognizes outstanding achievement in the geosciences in research, teaching studies and projects applied to societal needs, teaching, educational development, and leadership in conservation of Earth's resources and environment, conferred by faculty and alumni of the Department and of the University of North Dakota.*



*Please join us in honoring this year's A.G. Leonard Award medal recipients, Mary Scott (M.S. 1972) and Joni Lerud-Heck (M.S. 1979). Previous recipients have been:*

*Wilson M. Laird 1992  
Andrew G. Alpha (B.S. 1934, M.S. 1936) 1993  
F.D. Holland, Jr. 1992  
Sidney B. Anderson (Ph.B. 1951) 1994  
Bernold M. Hanson (B.S. Geology 1951) 1994  
Robert K. Aaker (B.S. Geology 1949) 1995  
Walter L. Moore 1995  
Lee Clayton (B.S. Geology 1960, M.S. 1962) 1995  
Samuel J. Tuthill (M.A. 1963, Ph.D. 1969) 1996  
Alan M. Cvancara (B.S. 1955, M.S. 1957) 1997  
Clarence "Kelly" Carlson (M.S. 1960) 1998  
Thomas M. Hamilton (M.S. 1967, Ph.D. 1970) 1998  
Wallace G. Dow (M.S. 1964) 2000  
Rodney M. Feldmann (B.S. 1961, M.S. 1962,  
Ph.D. 1967) 2001  
Palmer K. Bailey (B.S. 1970, B.S. GE. 1980,  
M.S. 1980) 2002  
Robert M. Harris (B.S. G.E. 1960) 2003  
Gerald H. Groenewold (M.S. 1971, Ph.D. 1972) 2004  
John Carter (B.S. 1959) 2006*

## 2007 GGE Alumni Advisory Meeting

UND Homecoming affords the opportunity for GGE alumni to advise the Department on any and all issues that concern its well being. If possible, stop by and listen to a progress report on the department and feel free to provide input on future directions of the department.

## The SEM Academy Induction

*The School of Engineering and Mines established an Academy of members consisting of august alums from the GGE programs of the school. The members are to serve as advisors to the School in planning and other considerations for the well being of the students and faculty.*

*Please join us in honoring this year's Geological Engineering inductee, Brett Fossum (B.S. G.E., 1982). Previous GGE recipients include:*

*Thomas M. Hamilton (M.S. 1967, Ph.D. 1970) 2003  
Robert M. Harris 1960 (B.S. G.E. 1960) 2003  
Bernold M. Hanson (B.S. Geology 1951) 2004  
Gerald H. Groenewold (M.S. 1971, Ph.D. 1972) 2005  
Rodney M. Feldmann (B.S. 1961, M.S. 1962,  
Ph.D. 1967) 2006*

## The UND Sioux Award

*This year, the University of North Dakota will be presenting the Sioux Award to our own Tom Hamilton (M.S. 1967, Ph.D. 1970). "The Sioux Award is the highest honor bestowed upon alumni who, throughout their lives, have represented service achievement and loyalty." Previous GGE recipients include:*

*Andrew Alpha (B.S. 1934, M.S. 1936) 1985  
Marcella Hanson Melsted 1995  
Bernold M. Hanson (B.S. Geology 1951) 1970  
Robert Harris (B.S. G.E. 1960) 2002*

**GSA 2007 in Denver  
and our special alumni gathering**

**COME AND JOIN US** at the Geological Society of America **GGE Alumni Gathering** in Denver this year. GSA will be held from October 28 (Sunday) to October 31 (Wednesday). As we do every year, we will have two get-togethers, one minor meet-and-greet at the Group Alumni Gathering on Monday and another one on our own on Tuesday. **We have reserved the Brown Room at The Wynkoop Brewing Company (1634 18th Street) (on the tram line) from 5:00 p.m.–7:00 p.m. We will be ordering some food and the excellent Wynkoop beer will be, of course, on tap.**

**JOB OPENINGS:** Spread the word please – We are looking to fill two faculty positions this year, one in surficial geology/geomorphology and one in geological engineering. We will be interviewing at GSA on Monday, October 29, and Tuesday, October 30. If you or anyone you know is interested in interviewing with us, contact us (dexter\_perkins@und.edu or joseph\_hartman@und.edu) or sign up through the GSA Employment Service.

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**LEEPS Lectures**

*Alumni and friends are always invited to stop in for a LEEPS lecture, which are typically held on Friday at noon in 100 Leonard Hall and at 3:00 p.m. in 109 Leonard. The schedule for LEEPS talks is always in a state of flux, but you can keep apprised of what is likely on tap by going to the following Web site – <http://www.und.edu/instruct/jhartman/> and click on LEEPS.*

*You are also welcome to attend student presentations, which are also posted on the above Web site itinerary.*

*If you would like to give a talk at either the LEEPS venue or to the SGE students, please contact me (joseph\_hartman@und.edu).*

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