



Lonnie Thompson, Geological Scholar, to Lecture Dec. 4

Lonnie G. Thompson, distinguished university professor in the department of geological sciences and a research scientist in the Byrd Polar Research Center at The Ohio State University, will speak from 7 to 8:30 p.m., Dec. 4 in the Dicke Forum.

His presentation is titled "Global Climate Change: A Paleoclimate Perspective from the World's Highest Mountains."

The program is sponsored by Phi Beta Delta, the honor society for international scholars.

Thompson is one of the world's foremost authorities on paleoclimatology and glaciology. He has led more than 50 expeditions during the last 30 years, conducting ice-core drilling programs in the world's polar regions as well as in tropical and subtropical ice fields.

Recently, Thompson and his team developed lightweight solar-powered drilling equipment to acquire samples from ice fields in the high Andes of Peru and on Mount Kilimanjaro in Tanzania. The results of these histories, published in more than 200 articles, have contributed greatly toward the understanding of the Earth's past, present and future climate system.

Other Thompson-led expeditions have recovered a 460-meter-long ice core, the world's longest from a mountain range (Alaska, 2002); the first tropic ice core (Peru, 1983); cores containing the entire sequence of the Last Glacial Stage; and cores dating over 750,000 years in age, the oldest outside the polar regions (Tibet, 1992).

Thompson's research has resulted in major revisions in the field of paleoclimatology, in particular, by demonstrating how tropical regions have undergone significant climate variability, countering an earlier view that higher latitudes dominate climate change. Thompson has received numerous honors and awards. In 2005, he was elected to the National Academy of Sciences and was awarded the John and

Alice Tyler Prize for Environmental Achievement. He has been selected by *Time* magazine and CNN as one of "America's Best" in science and medicine. His research has been featured in hundreds of publications, including *National Geographic* and the *National Geographic Adventure* magazines.

He and his team are the subject of a new book titled *Thin Ice: Unlocking the Secrets of Climate in the World's Highest Mountains*, by Mark Bowen, published in late 2005.

In 2006, Thompson was elected member of the American Philosophical Society, alumni member of Phi Beta Kappa and chosen to receive the Roy Chapman Andrews Society, 2007 Distinguished Explorer Award. In 2007, he received The National Medal of Science from the President of the United States. He served as contributing author on Chapter 6: *Paleoclimate IPCC AR4 WG*, 2007 volume. In May 2008, he received (along with his wife, Ellen Mosley-Thompson) the Dan David Prize and, in August 2008, the Seligman Crystal Award, the highest professional award given in glaciology.



Dr. Thompson, Guliya, China Expedition, 1992.

Happy Thanksgiving!
Next issue of Northern Sun will be Dec. 3

ONU to Host Fulbright Visiting Scholar

Ohio Northern has been selected to host a Fulbright visiting scholar from Mexico for the 2008-09 academic year.

Juan Manuel Guerra Hernandez, an educator and dancer from Mexico, will be at Ohio Northern beginning in January 2009. He is one of approximately 800 outstanding foreign faculty and professionals who will teach and do research in the U.S. through the Fulbright Visiting Scholar Program.

A teacher for more than 30 years, Guerra Hernandez will be working with ONU students through the beginning of May. He and his students will create a lecture/demonstration on Mexican culture and the dances of at least three areas of Mexico.

Costumes for this presentation will be made by tailors in Mexico, so they will be authentic.

The lecture/demonstration will be presented on campus for one performance and will also tour area schools during spring quarter. Guerra Hernandez will also be making guest lectures in modern languages, music and other areas of the University.

Guerra Hernandez started teaching in a one-room school in 1977. In 1979, he moved to the metropolitan area and has worked ever since in the city of General Escobedo in the state of Nuevo Leon, a suburb of Monterrey. He has extensive experience working with students of all ages in teaching English and folk dance. He was a member of the State Folkloric Ballet for teachers and a founder of the Fiesta Mexicana Folkloric Ballet, where he has danced and served as a consultant for over 20 years.

The Fulbright Program is America's flagship international educational exchange program. It is sponsored by the United States Department of State, Bureau of Educational and Cultural Affairs. The program was established in 1946 under legislation introduced by the late Senator J. William Fulbright of Arkansas. Since then, the Fulbright Program has involved approximately 279,500 people – 105,400 Americans who have studied, taught or researched abroad and 174,100 students, scholars and teachers from other countries who have engaged in similar activities in the United States. They have had the opportunity to observe each other's political, economic, educational and cultural institutions to exchange ideas and embark on joint ventures of importance to the general welfare of the world's inhabitants. The program operates in over 150 countries worldwide.

Recipients of Fulbright awards are selected on the basis of academic and professional achievement as well as demonstrated leadership in their fields.

Fulbright recipients are among over 30,000 individuals participating in U.S. Department of State exchange programs each year.

For more information about the Fulbright program or the U.S. Department of State's Bureau of Educational and Cultural Affairs, visit exchanges.state.gov or e-mail fulbright@state.gov

For more information about Guerra Hernandez's visit to ONU, contact Laurie Bell, associate professor of dance, at l-bell@onu.edu

Road Salt in Short Supply

University and Ada officials warn that road salt may be in short supply this winter.

Not only has the cost of road salt jumped to \$81.59 a ton, a sharp increase, but supplies are limited in Ohio.

James Meyer, Ada village administrator, reports the village has requested an additional 100 tons, but does not know when or if that order will be filled. As a result, the village of Ada will be limiting salt applications to intersections in the village and has asked that ONU consider doing the same on campus.

Marc Staley, ONU's director of building operations, explains that ONU purchases road salt through the village. Currently the University has 36.85 tons of road salt on hand, which could be used up quickly in icy weather.

University administrators are asking faculty, staff and students to be aware, that while sidewalks and intersections will continue to be treated, there will be reduced salting of streets between intersections.

Children's Book Drive to Begin

The Freed Center for the Performing Arts, in partnership with Time Warner Cable, hopes to create a smile or two by donating over 700 children's books to local hospitals, libraries and schools

You are invited to help promote literacy by donating a new or gently used book for children of all ages.

Look for brightly colored red boxes located throughout the campus and community for book drop off. The children's book drive starts on Dec. 3, 2008 and runs until Dec 23, 2008.

Many of this season's events at the Freed Center have been based on books to encourage children to read and then see how the book is brought to life on the stage.

Contact the Freed Center box office for details on upcoming events such as "The Velveteen Rabbit" on Jan. 15, 2009, and "The Kite Runner" on Jan. 24, 2009.

For more information about the book project, contact Catriona Macphie at 2656.

Faculty Factoids

Dennis L. Kratzer, director of choral activities and professor of music, led the University Singers in their annual fall tour, Nov. 5-9.

The 56-voice select choir included church and high school concerts in Oak Harbor, Ashland, Cleveland and Lima, Ohio. The choir has been in existence since 1971.

In February and March, Kratzer will lead the Men's Chorus, one of the University's newest choral ensembles, on a tour that will include Washington, D.C., Virginia, Pennsylvania, New Jersey and New York as well as Ohio.

Jennifer Walton, assistant professor of communication arts, is the conference planner for the Ohio Communication Association and is an officer of the group.

ONU Professor Joins Experts in International Conference

Dr. David R. Smith, pictured at the far right, associate professor of geography at ONU, was part of the 16th International Conference on Central Asia and the Caucasus, held Oct. 28 and 29 in Teheran, Iran.

Also pictured are, from left, Dennis Sammut, United Kingdom, executive director of Links, a non-government organization and publication on the Caucasus; Johana Papjanevski, Sweden, deputy director of the Institute for Development and Security Policy; Manuchehr Moradi, panel chair, director of the Center for Central Asia and the Caucasus, Institute for Political and International Studies, Foreign Ministry, Iran; George Sanikidze, Republic of Georgia, director of the Institute of Oriental Studies, Georgian Academy of Sciences; and Michele Brunelli, Italy, researcher on international law and international relations.

Smith's paper, "The Russian Federation and the Republic of Georgia: a Geographic Perspective on the Conflict," was part of the session on a regional cooperation approach and prospect for an enduring peace and stability in the Caucasus.

In addition, Smith said, "I met and had tea with the first deputy



foreign minister of the Islamic Republic of Iran at the conference. I talked with him and discussed how ONU and IPIS could increase ties with one another."

The convention was subtitled "Confrontation in the Caucasus: Roots, Dimensions, Applications."

This was Smith's third appearance as a guest speaker at the Institute for Political and International Studies annual conference.

Northern Teams Advance in Outstanding Athletic Season

The Ohio Northern men's and women's athletics teams got an outstanding start in their quests to sweep the Ohio Athletic Conference All-Sports Trophies for the third consecutive year.

This fall, the Polar Bear men's and women's each won two of the three OAC titles and hold a commanding lead in the All-Sports standings after the fall seasons.

On the men's side, the soccer and cross country teams each won titles and the football team posted a third-place finish.

The Ohio Northern women won OAC crowns in volleyball and cross country and got a runner-up finish from the women's soccer team.

The volleyball, men's soccer and men's cross country teams are all enjoying deep NCAA Tournament runs, as well.

Led by 11th-year head coach Brent Ridenour, the men's soccer team won the OAC Tournament crown as the No. 3 seed, defeating Muskingum 3-0, John Carroll 5-1 and Marietta 3-0.

In the NCAA III Tournament, the Polar Bears (19-5-1) defeated No. 17 Wheaton (Ill.) 4-1 and Carroll (Wis.) 2-01 in double overtime in the first two rounds.

This weekend, Northern will compete in the NCAA Sectionals at Dubuque, Iowa, and will face No. 4-ranked Hobart (N.Y.) in a Sweet 16 contest on Saturday.

The Sectional finals will be Sunday in Dubuque.

The No. 13-ranked men's cross country team will compete in its third consecutive NCAA Championships meet this Saturday at Hanover, Ind., under first-year head coach Ryan New.

The Polar Bears (136-13) won their second straight OAC Championships title on Nov. 1 at Marietta and finished a strong

second at the NCAA III Great Lakes Regional Championships race Nov. 15 at Otterbein.

Ohio Northern's volleyball team, ranked No. 8 nationally under 18th-year head coach Kate Witte, won their eighth consecutive OAC title and will compete for a national championship this weekend at the NCAA III Tournament Championships at Bloomington, Ill.

The Polar Bears (33-4) will face Williams (Mass.) in the quarterfinals Thursday night at 9:30 p.m. at the Shirk Center on the campus of Illinois Wesleyan University.

With a victory over the Ephs, Ohio Northern will face either No. 2 Emory (Ga.) or No. 23 Saint Benedict (Minn.) in the semifinals Friday night at 8 p.m.

The finals are slated for 8 p.m. Saturday night.

Northern advanced to the championships by winning the NCAA III Great Lakes Regional Tournament last week at Wittenberg.

ONU defeated Westminster (Pa.), No. 5 Wittenberg and No. 3 Washington (Mo.) to win the regional tournament for the fourth time in school history.

ONU is making its 25th NCAA Tournament appearance in the 28-year history of the event and has an impressive 32-24 record in NCAA Tournament play.

The women's cross country team (106-40) won their third OAC Championships crown in the last four seasons under first-year head coach Ryan New on Nov. 1 at Marietta.

The Polar Bears then wrapped up their season with a 10th-place finish at the NCAA III Great Lakes Regional meet at Otterbein on Nov. 15.

Northern Events Nov. 20 - Dec. 3

Campus Events

Nov. 22-29

Undergraduate Break

Nov. 27-30

Law Recess

Nov. 27

Thanksgiving Day!

Nov. 30

8:00 p.m., TNT Worship Service, Chapel

Dec. 3

11:00 a.m., Faith Lift, Speaker, Dr. Lisa Robeson, interim dean College of Arts & Sciences, Chapel



Arts and Lectures

Nov. 20-21

“Get Out the Vote” poster exhibit, Elzay Gallery Lobby and other campus buildings



Nov. 20- Dec. 17

Veiled Reality: Linda Lee Nicholas, Stambaugh Studio Theatre Gallery

Student Juried Exhibition, Elzay Gallery of Art

For more events, go to:

www-new.onu.edu/event

Athletics

Nov. 21

Noon, Men's Basketball at Mount St. Joseph tournament

Noon, Women's Basketball at Trine, Ind., Tip Off Tournament, Angola, Ind.

6:30 p.m., Swimming & Diving vs. Wittenberg, ONU Sports Center Natatorium

Nov. 22

8:00 a.m., Wrestling at Olivet, Mich., Duals

11:00 a.m., Women's Cross Country, NCAA III Championships, Hanover, Ind.

Noon, Men's Cross Country, NCAA III Championships, Hanover, Ind.

Noon, Men's Basketball at Mt. St. Joseph tournament

Noon, Women's Basketball at Trine, Ind., Tip Off Tournament, Angola, Ind.

Nov. 25

5:30 p.m., Women's JV Basketball vs. Wittenberg, ONU Sports Center



Nov. 29

Noon, Men's Basketball at DePauw, Ind., Tournament

Nov. 30

Noon, Men's Basketball at DePauw, Ind., Tournament

Dec. 2

7:30 p.m., Wrestling at Mount St. Joseph

Dec. 3

5:00 p.m., Men's JV Basketball at Wittenberg

5:30 p.m., Women's JV Basketball at Adrian, Mich.

7:30 p.m., Women's Basketball at Adrian, Mich.

7:30 p.m., Men's Basketball at Wittenberg