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Main Hall to Main Street

NOV 09 2005

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Connecting Campus and Community

UM unveils major fund-raising campaign

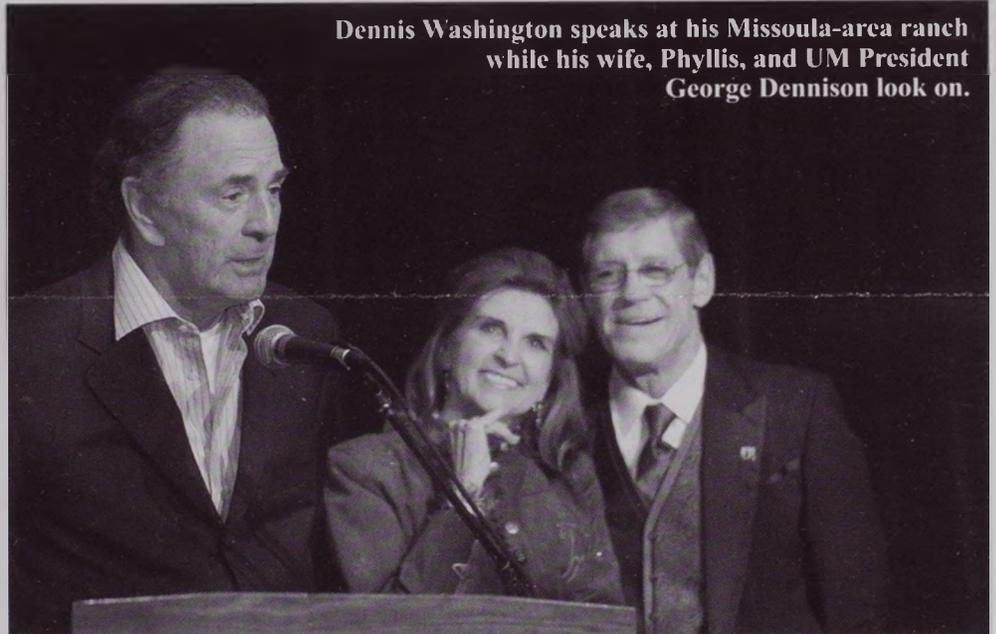
The University of Montana announced its major, multi-year fund-raising campaign — “Invest in Discovery — Connecting People, Programs and Place” — during two events Homecoming weekend.

The campaign, the largest comprehensive effort in UM’s history, has a goal of raising \$100 million over the next several years. University and UM Foundation administrators and volunteers raised \$72 million before taking the campaign public Sept. 30. The University’s last campaign, “Ensuring a Tradition of Excellence,” raised \$71.4 million during 1992-1997.

The latest campaign kicked off with an invitation-only dinner at the Dennis and Phyllis Washington Ranch Sept. 29, followed by a public event the next day featuring James Grady, a 2005 Distinguished Alumni Award recipient and author of the famed book-turned-movie “Six Days of the Condor.”

In coming months UM representatives will travel the state and nation to meet with alumni and friends to present campaign priorities and report on progress.

Of the \$100 million goal, nearly half is designated for renovation of existing classrooms and laboratories, as well as construction of new buildings, such as Don Anderson Hall — a new home for



Dennis Washington speaks at his Missoula-area ranch while his wife, Phyllis, and UM President George Dennison look on.

the School of Journalism — and a Native American Center. Goals for remaining priorities are evenly divided among undergraduate scholarships and graduate fellowships, faculty positions and new academic programs.

“UM students — students from throughout the state — will be the true beneficiaries of a successful campaign,” said National Campaign Chair Deborah McWhinney of Tiburon, Calif. “Our

success, and theirs, depends upon us involving alumni and friends everywhere by encouraging people to ‘Invest in Discovery’ through this fund-raising effort.”

Her cabinet members are Mickey Sogard of Bigfork, Charlie Oliver of Hamilton and Priscilla Gilkey of Spokane.

For more information or to contribute, call the UM Foundation at (406) 243-2593 or (800) 443-2593 or visit <http://www.umt.edu/umf>. 🐾

Professor helps spread TV show math to the masses



Johnny Lott

Some of the genius-level math featured on the television program “Numb3rs” is being translated into exercises for kids by a UM math professor.

Johnny Lott, a faculty member at UM for the past 31 years, leads a team that designs activities derived from the prime-time CBS program, which airs at 9 p.m. Friday evenings. The lessons for teachers, students and parents are then placed on the “We All Use Math Every Day” Web site at

— Continued next page

University launches new paleontology research center

The future looks bright for those interested in the ancient fossil heritage of Montana, the Rocky Mountain region and the world.

The state Board of Regents recently approved a new UM Paleontology Center, which includes an associated Fort Peck Field Station amid the fossil-rich Cretaceous formations surrounding Fort Peck and Glasgow.

Organized under UM’s Department of Geology, the new center and field station will promote paleontology education and research and serve as a repository for important fossil discoveries. It also will boost public outreach in paleontology.

“This should put UM on the map for being a center of excellence for paleontology,” said George Stanley, a UM geology

— Continued back page

<http://www.cbs.com/primetime/numb3rs/ti/activities.shtml>.

"It's kind of a hoot doing this," said Lott, who receives a synopsis of the math used in each program before it airs. Then, under a tight deadline, he and his team boil the complex problems into exercises that can be understood by average seventh- through 12th-graders.

Holding up the episode he helped develop from an episode titled "Assassins," Lott said, "If anyone had ever told me I would be doing this, I'd say they had lost their mind. But it's fun!"

The Web site is a collaboration among CBS, Texas Instruments and the National Council of Teachers of Mathematics — the world's largest mathematics education

organization. Lott happens to be past president of NCTM, and he said the idea to collaborate with "Numb3rs" arose when his organization held a meeting last spring in Anaheim, Calif., which was attended by the stars and producers of the program.

"Numb3rs," for those who haven't seen it, is about an FBI agent who recruits his mathematical genius brother to help the government solve a wide range of challenging crimes. All the math used in the program is based on real FBI cases.

Lott said there are three people on his team to design the mathematical problems derived from the program: himself; Terry Souhrada, a retired UM faculty member who still works on projects for the UM math department; and Beth Glassman, a high school teacher from Texas. They are

assisted by Karen Longhart, a teacher at Flathead Valley Community College in Kalispell, who acts as a liaison among NCTM, TI and CBS.

"I don't think any of us knew what we were getting into," Lott said. "This medium is stressful. It winds up taking up a lot of nights. But we are obligated for the next year, and it's exciting. We do get a small stipend, but we figure it comes out to something like \$10 per hour."

But he says the work is its own reward. For the "Assassin" episode, his group created an exercise in which students break secret codes.

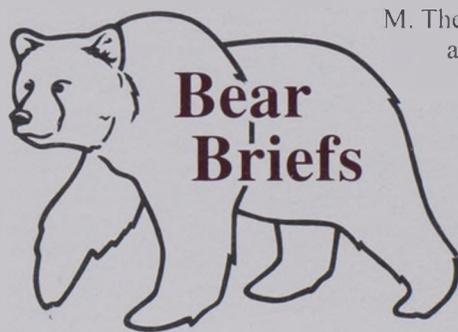
Lott said he got hooked on "Numb3rs" last season.

"I thought, 'This is fun. NCTM ought to do something with it,'" he said, "and here we are." 🐻

Honest Abe Professor—Gov. Brian Schweitzer has appointed UM history Professor Harry Fritz to represent the state on the Abraham Lincoln Bicentennial Commission. The 15-member commission is charged with informing the public about Lincoln's impact on the development of the United States and finding ways to honor his accomplishments. Fritz, a tall man who chairs UM's history department, is a Lincoln impersonator who sometimes appears as the 16th president at Montana gatherings. Fritz also served two terms in the state House and the state Senate, and he was twice named UM Teacher of the Year. In addition, he is a leading expert on the Lewis and Clark Expedition.

Football Tales—Former Grizzly coach and Athletic Director Don Read has written a book titled "Football Tales" in which he recounts humorous and serious stories from his long coaching career in Montana, Oregon and California. The 192-page book includes 52 tales that touch on everything from coaching young men to recruiting adventures and relationships with fans — as well as a foreword by former UM quarterback Dave Dickenson. For more information about the book, call Stoneydale Press Publishing Co. at (406) 777-2729. Read coached the Griz during 1986-95, amassing a career record of 85-36 and a Big Sky Conference mark of 54-22. He led UM to its first I-AA national championship in 1995. He returned as UM's athletic director from May 2004 to June 2005.

Top I-AA Fans—Columnist Chuck Burton of I-AA.org recently released his list of the schools with the top fans in I-AA football, and UM's rowdy Griz fans topped the list. Burton writes, "The KISS Army are the semi-maniacal fans of the rock group KISS that formed in the late '70s and still exist today in some circles. They paint their faces, travel anywhere the band plays and are out-of-control. Montana fans, meet your soulmates! When Montana qualifies for the I-AA national championship, thousands of painted fans descend on Chattanooga to celebrate ... Basically, they are the gold standard that all fans of I-AA programs should strive for." The other universities mentioned were Delaware, Southern, Appalachian State and Florida A &



M. The full column is online at <http://i-aa.org/article.asp?articleid=72014>.

Selling Griz Gear—The Collegiate Licensing Company recently announced its top-selling member institutions for the last fiscal year, and UM was again in the top 50 nationwide, landing at No. 46 on the list.

UM was the only I-AA University to make the list, and it sold more merchandise than Colorado State University, the U.S. Military Academy, Georgetown University and the U.S. Air Force Academy. The top-selling institution was the University of North Carolina.

Time to Visit Campus—High school students and their parents can get a glimpse of life and learning at UM during its annual open house to be held from 8:15 a.m. to 2:30 p.m. Saturday, Nov. 5. The event, UM Days, aims to help high school juniors and seniors with their college search. Participants can learn about the University's academic programs, student life and extracurricular activities, as well as get information about financial aid and career choices. UM Days also offers the opportunity for participants to meet in small group settings with currently enrolled students to tour the University campus and residence halls. Interested students and parents can register for UM Days online or by calling (800) 462-8636. For more information, e-mail Molly Molloy, UM director of orientation, at mmolloy@mso.umt.edu.

Prestigious Grants—Three recent UM graduates have received Fulbright grants to continue their study and research projects in countries outside the United States this year. The students — Ulrike Anderson of Stillwater, Minn., Russell Fielding of Temple Terrace, Fla., and Valerie Kurth of Wausau, Wis. — were selected for the awards on the basis of academic or professional achievement, as well as demonstrated leadership potential in their fields. Anderson will study in Germany, where she plans to translate Gabriele Reuter's "Das Tränchenhaus" into English. Fielding will go to Canada's Prince Edward Island to study the effects of the Confederation Bridge — which links the island with the mainland — on the

island's tourism industry. Kurth will travel to Sweden to continue her research on boreal forest ecology.

Raking In Awards—Three UM radio-television students placed as national finalists in the Society of Professional Journalists Mark of Excellence Awards. Stan Pillman, a senior from Chicago, placed in the radio features category for a story on gambling addiction. The story aired on Montana Public Radio. Pillman is this year's news director at UM-based KBGA College Radio. Dustin Blanchet of Dutton and Van Redpath of Great Falls received national finalist recognition in the television news photography category for their story on students and gambling that aired on KECI-TV as part of the student-produced "UM News" program. Blanchet and Redpath graduated in May. Blanchet also received national recognition in the television sports photography category for a "UM News" story he shot on former Griz runner Scott McGowan.

Early Montana Images—The Montana Historical Society's nationally acclaimed exhibit "Photographing Montana 1894-1928: The World of Evelyn Cameron" runs through Nov. 12 at UM's Montana Museum of Art and Culture. It's on display at the Performing Arts and Radio/Television Center. The exhibit includes 47 striking photographs reproduced from Cameron's glass plate nitrate negatives that record the early days on the western frontier and the coming of the homesteaders that changed the face of the land forever. Cameron came to Montana from England in 1889 with her naturalist husband, Ewen, and took up photography in 1894. The exhibit has been featured in numerous national publications and electronic productions, including Smithsonian magazine and the Charles Kuralt CBS "Sunday Morning" program.

Bold New Frontier—Montana-made programming on Montana PBS will be available in High Definition format thanks to a \$927,000 federal grant to UM's television station, KUFM. The U.S. Department of Commerce grant — the largest given during the current round of funding — will support the acquisition of HD cameras, digital editors and additional studio equipment to upgrade the station's broadcast infrastructure. High Definition, known for its clear pictures and wide-screen format, is the new standard in television production and broadcasting. With it, Montana PBS programs such as the popular "Backroads of Montana" will take on a new clarity and vibrancy.

Grant for Bioenergy—A UM College of Technology project was one of 11 selected to receive funding from the Biomass Research and Development Initiative, a joint effort of the U.S. Department of Agriculture and Department of Energy. The agencies received 670 applications for a total of \$12.6 million to fund projects that help develop renewable energy resources and expand markets for agricultural products. The nearly \$1 million awarded to COT will support the Biopower Demonstration and Education Outreach Project. The goal of the project is to create awareness of the environmental and economic benefits of bioenergy through educational and research programs and a series of outreach initiatives that aim to expand the use of the technology.

Marketing Montana—The U.S. Department of Commerce has awarded \$78,000 to the Montana World Trade Center, a UM organization that helps businesses establish and strengthen their international commercial capabilities. The money will be used to develop a comprehensive regional marketing strategy

for Montana Creative Enterprises under the Planning Assistance Program. The project will focus on developing a regional identity for Montana artists and artisans, as well as exploring ways to create a stable, year-round marketplace for their products.

Chef Wins Gold—UM Executive Chef Tom Siegel brought home a gold medal from the second-annual Montana Chef Competition for the Culinary Excellence Award. Siegel's winning entry came in the entrée division for which he prepared "Montana-inspired Braised Lamb Shank With Big Sky Mushroom Ragout, Goat Cheese Quenelles and Emerald Basil Oil." The competition, sponsored by the Montana Department of Agriculture to promote the use of Montana ingredients at fine-dining restaurants, drew more than 100 entries in three categories of competition — appetizers, entrées and desserts.

Happy Hearts—UM once again co-sponsored and hosted the campus HeartWalk, which benefits American Heart Association cardiovascular disease research. Nearly 800 walkers turned out on a rainy Sept. 24 to raise \$130,000, which was \$15,000 more than the year before. The walkers were led by UM President George Dennison.

International Journalism—Two African journalists visited UM in October to explore the role of the media in democracy. John Mwendwa Gitari and Martin Ochioli spent several days on campus and in media outlets around Missoula as part of their ongoing research at the Kettering Foundation. They were hosted by Assistant Professor Denise Dowling of UM's Department of Radio-Television. Dowling also conducts research for the foundation. The journalists spent time at radio and television newsrooms in Missoula, exploring how traditional newsroom practices might be changed to help citizens and public officials work together on common problems affecting their countries. While in Missoula, the journalists also spoke with students in the classroom. Gitari is the associate editor of the Kenyan Television Network. Ochioli is founder and president of the Media Development and Research Trust, a Nairobi-based organization that trains journalists and conducts research on the link between journalism and democracy.

Nominations Wanted—The Robert T. Pantzer Award is presented each year to a person who has contributed substantially to making UM a more open and humane learning environment. People statewide are eligible for the award, which honors Pantzer, UM president from 1966 to 1974, whose open-door policy was a hallmark of his administration. Pantzer also provided outstanding leadership in the preservation of unfettered academic inquiry and expression. Nominations should honor people with similar characteristics. The Pantzer Award will be presented at UM Charter Day ceremonies Feb. 16, 2006. Nominations should include a statement of how the individual fits the Pantzer ideal, as well as the nominee's professional resume. Fax nominations to the Provost's Office at (406) 243-5937.

Buy a Brick—Become a permanent part of the UM-Missoula campus by having your name — or another special person's — engraved on a brick in Centennial Circle. Paved with red bricks, the circle surrounds Rudy Autio's landmark grizzly bear statue, located on the western edge of the Oval. With its classic Main Hall and Mount Sentinel backdrop, the circle is a favorite place for picture-taking. The bricks cost \$150 each and may be engraved with names or brief messages. For more information, go online to <http://www.umt.edu/relations/bricks.htm>. 🧱

Paleontology Center — continued

professor and director of the new center. "It also could help revitalize the economy of the Fort Peck area."

UM formed a partnership with Fort Peck Paleontology Inc. to create the new center. FPPI is a nonprofit organization formed by eastern Montana residents to promote study and research of the area's spectacular fossils, including dinosaurs, plants and invertebrate remains. The organization focuses on preparing, molding and casting large fossils.

Stanley said FPPI members contacted him two years ago about creating a connection between their respective organizations.

"We are very appreciative of the decision of the Board of Regents and excited that (UM) will have a Paleontological Research Center here at Fort Peck," said John Rabenberg, president of Fort Peck Paleontology, which oversees the operations of the Fort Peck Paleontology Field Station. "We have been working toward this goal since we started the project in 1996. With the assistance of Two Rivers Economic Growth, the dedication of the board of directors at FPPI, and many volunteers, it is finally a reality."

Stanley said a five-year plan is in place to get the center up and running. The Fort Peck Field Station will be housed within FPPI in a 7,000-square-foot former laundry building used during the 1933-40 construction of Fort Peck Dam.

The new field station will run during the summer, when it will house visiting students and faculty members participating in digs and fossil preparation. Stanley also envisions an ecotourism program in which paying "volunteers" — along with UM students — uncover and discover the past.

"It's a paleontology wonderland out there," Stanley said, "filled with fossil vertebrates and plants, as well as invertebrate life. Our No. 1 goal is to get the field station going. It might be next

summer, as these things take time, but by 2007 we should have an actively running summer field station. I want to get high-quality students and prominent paleontologists from around the country and world involved in the new center and also in the activities of the field station."

Jon "Tony" Rudbach, UM associate vice president for research and economic development, said the new center has received \$50,000 in "seed money" from a grant to get started.

Rudbach said the center will be competitive for grants and other funding. Money also can come from ecotourism and private donations, and FPPI generates revenue by selling castings of fossil discoveries from the area. Stanley said an FPPI replication of "Peck's Rex" — one of the most complete *Tyrannosaurus rex* skeletons ever found — could fetch more than \$150,000.

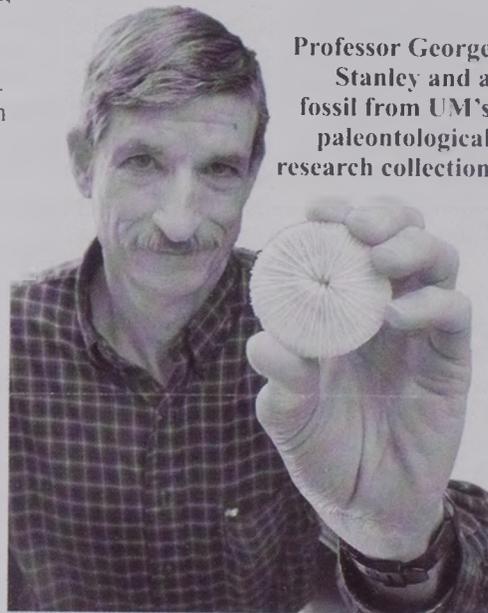
Stanley said the new center already includes a vital resource — UM's paleontology research collection founded in 1898 and housed in the basement of the Clapp Building on campus. The collection already contains a diverse assortment of 100,000 plant, vertebrate and invertebrate specimens and has formed the basis of more than 300 scientific publications. The new center

also includes 900 square feet in preparation labs, as well as office space and computers dedicated to paleontology research.

Another important component of the center will be a "museum without walls" — an electronic database and Web site that will support research, education and distance-learning.

Rudbach, who works to expand Montana's economy, hopes the new field station provides something of a boost to the Fort Peck area.

"I think people out there realize that the fossil treasures in their area are more valuable than any crop they can grow," he said, "and they want to take advantage of it." 🐾



Professor George Stanley and a fossil from UM's paleontological research collection

11th Annual Juried Student Art Exhibition—through Nov. 18. Gallery hours: Monday-Friday 11 a.m.-4 p.m. Gallery of Visual Arts, Social Science Building. Information, (406) 243-2813.

Art exhibit—through Nov. 25. "Abstract Paintings" by Blackfeet artist Francis Wall, Davidson Honors College atrium. Information, (406) 243-2019.

Art exhibit—through Nov. 18. "Beans" by Sandra Trujillo, University Center Art Gallery, Monday-Friday 10 a.m.-4 p.m.

Art exhibit—through Dec. 21. "The Beauty in Her...Works by Dirk Lee." Montana Museum of Art and Culture, Meloy Gallery. Tuesday, Wednesday,

UM Events

Thursday 11 a.m.-3 p.m.; Friday and Saturday 4-8:30 p.m.

Broadway production—Nov. 9. "Thoroughly Modern Millie," 7:30 p.m. University Theatre. Tickets and information, (877) 858-0300.

Volleyball—Nov. 11. UM vs. Weber State, 7 p.m., Adams Center.

Griz basketball—Nov. 11. UM vs. St. Martins, 7:05 p.m., Dahlberg Arena.

Banff Film Festival—Nov. 12, outdoor adventure movies, 6 p.m., University Theatre. \$11 in advance; \$13 day of show. Tickets: all GrizTix outlets and the Trail

Head. Information, (406) 243-5172.

Volleyball—Nov. 12. UM vs. Idaho State, 7 p.m., Adams Center.

Lady Griz Basketball—Nov. 13. UM vs. DeJa Vu, 2:05 p.m., Dahlberg Arena.

Middle East Heritage Night—Nov. 13, 6:30 p.m., University Center Ballroom. keynote address by former Ambassador Barbara Bodine. A Middle East appetizer buffet and dancing to the music of the Oriental Jazz Band follows. Admission charged. Information, (406) 543-3955.

Fall Dance Showcase—Nov. 15-19, 7:30 p.m. Performing Arts and Radio/Television Center, open space. Information, (406) 243-4481.



The University of
Montana

The Discovery Continues

Main Hall to Main Street is published by University Relations at The University of Montana. Send questions or suggestions to Cary Shimek, editor, Brantly Hall 330, Missoula, MT 59812, or call (406) 243-5914. Brianne Burrowes, Colter Delin, Rita Munzenrider and Patia Stephens are contributing editors and writers. Photos are by Todd Goodrich unless stated otherwise. The newsletter is online at <http://www.umt.edu/urelations/mainhall>.