

UNM Today

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UNM transportation receives ‘A’ in sustainability study

By BENSON HENDRIX

In a recently published study by the Sustainable Endowments Institute, the UNM transportation system received an “A” grade for its solid commitment to sustainable transportation initiatives.

The “College Sustainability Report Card 2008” cited the use of E85 ethanol fuel and compressed natural gas by UNM vehicles as one reason for the grade. Currently, all new vehicles purchased by UNM are powered by E85 fuel. There are plans to purchase vehicles that will run on

biofuel – including vegetable oil – in the near future.

“We are proud and excited to be leading the way toward a sustainable campus and community,” said Parking and Transportation Services Director Clovis Acosta. “The Lobo Ride Pass program between the university and the city, allowing students to ride city buses for free, has also had a valuable impact upon reducing the number of cars on campus, so kudos go to ABQ Ride as well.”

Other reasons for the grade

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Art exhibit honors original UNM medical faculty

By CINDY FOSTER

Twenty portraits of men and women who pioneered the UNM School of Medicine and who are still practicing medicine and teaching today are featured in “Unsung,” an exhibit at the UNM Hospital Art Gallery, through Nov. 30.

The portraits represent faculty who joined the School of Medicine in the 1960s and early 1970s who still practice in a variety of departments, including cardiology, internal medicine, family medicine, pathology, neurology, pediatrics, microbiology, epidemiology and surgery.

The medical school began as a two-year program in 1965

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Portrait of Jonathan Abrams by Jack Melville



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Executive Vice President David Harris, President David Schmidly and Roger Schluntz, dean, School of Architecture and Planning, cut the ribbon and formally dedicate George Pearl Hall. (See photo essay page 5) PHOTO BY CAROLYN GONZALES

Supermassive black holes may answer long-standing mystery

By STEVE CARR

Scientists of the Pierre Auger Collaboration, which includes researchers in UNM’s Department of Physics and Astronomy, recently announced that Active Galactic Nuclei or AGNs are the most likely candidate for the source of the highest-energy cosmic rays that hit Earth. The results appeared in the Nov. 9 issue of Science.

Using the Pierre Auger Observatory in Argentina, the largest cosmic-ray observatory in the world, a team of scientists from 17 countries found that the sources of the highest-energy particles are not distributed uniformly across the sky.

Instead, the Auger results link the origins of these mysterious particles to the locations of nearby galaxies that

have active nuclei in their centers.

Supermassive black holes devouring large amounts of matter are thought to power AGNs. They have long been considered sites where high-energy particle production might take place. They swallow gas, dust and other matter from their host galaxies and spew out particles and energy.

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Campus planners look at UNM present, future

By CAROLYN GONZALES

Roger Schluntz, dean, UNM School of Architecture and Planning, and Ric Richardson, professor, directed the campus planning charrette held recently. They brought together campus, local, regional and national architecture and planning experts to look at the campus critically with eyes toward growth and development of health sciences, housing, parking and transportation, south campus and more, all with a vision of sustainability.

One team focused on transportation, looking at everything from the need to interface public and campus transportation to defining bike paths. Ron Kull, university architect, University of Cincinnati, said that shuttles and buses should capture CNM riders, as well.

Kull also said that edge development south of Central Avenue could be mixed use, incorporating retail, housing

and parking. “A partnership with neighborhood associations could help address and provide the kind of living space students want,” he said.

Kristina Yu, assistant professor, School of Architecture and Planning, and her team looked at the need for a recreation

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From left: Charrette participants John Barney, adjunct lecturer, landscape architecture; Steve Borbas, University Planner; Roberto Rodriguez, visiting professor and dean of the College of Social Sciences and Humanities at Simon Bolivar University in Caracas, Venezuela; and Tom Laging, FAIA – Killinger Distinguished Professor of Urban Design and Architecture at the University of Nebraska. PHOTO BY CAROLYN GONZALES

In Brief

RECYCLE OLD COMPUTERS, CELL PHONES

The UNM Staff Council Environs Committee, UNM Recycling and UNM Information Technology Services are sponsoring a recycling event for personal electronic waste on Saturday, Dec. 1, 9 a.m.-1 p.m., at the west end of the Turner lot on Lomas and University Blvd.

UNM employees can bring old personal computers, cell phones, CD players, clock radios, DVD players, televisions and other electronics for recycling.

These electronic discards may be refurbished and resold, so it is important to clear personal information before recycling them.

For information on removing personal data from cell phones, visit www.recellular.com/recycling/data_eraser/default.asp. For computers, visit unm.custhelp.com/cgi-bin/unm.cfg/php/enduser/std_adp.php?p_faqid=3797.



Camino de Salud and south of the Citadel apartment complex. Access to G Lot will remain unchanged.

A map of the construction area and alternate entrance is available at pats.unm.edu.

ATHLETICS WEB SITE GETS MAKEOVER

The recently updated and upgraded UNM Athletics Web site features new colors, fonts, logos and a cleaner design provided by CSTV Online. Fans can help make the site even better by visiting golos.cstv.com and clicking the “Fan Feedback” link under “Lobo Fans” near the top of the page.



EQUIPMENT BRINGS NANOMACHINING, NANOFABRICATION TO N.M.

A grant of more than \$750,000 from the National Science Foundation will allow the purchase and installation of a new focused ion beam system for nanofabrication and nanomachining of materials in the Electron Microbeam Analysis Facility in the UNM Department of Earth and Planetary Sciences. The new instrument will aid research and allow for the development of new courses.

The microscope will be regularly used by more than 50 professors from five departments at UNM, New Mexico State University and New Mexico Tech. It will be available to other collaborators in academia and industry.



FAIR TO HELP STAFF BECOME STUDENTS NOV. 19

UNM staff are encouraged to use tuition remission to increase professional and personal development through education and training. The Staff as Students Fair on Monday, Nov. 19, 11:30 a.m.-1:30 p.m. in Student Union Building ballroom C will provide a fast and easy one-stop shop to help staff become students.

Representatives from the Admissions, Registrar's and Bursar's offices will be available to process admissions applications, class registration and tuition remission forms.

All UNM benefits eligible staff can receive free tuition for up to eight credit hours for spring 2008. Tuition remission can be used for professional, academic and personal enrichment classes.

Class schedules are at schedule.unm.edu. For more information, call 277-MYHR (277-6947).

Q LOT ENTRY TEMPORARILY CLOSED

The University Boulevard-Camino de Salud entrance to the Q parking lot on north campus will be closed through mid-January due to construction of a tunnel underneath the intersection.

To access Q Lot parking or the UNM Children's Campus, use the alternate Q Lot entrance north of

POOLS CLOSE

The UNM Olympic and therapy pools will be closed for renovation for approximately 11 months. Due to the closure, lap swim has been moved to Johnson Pool. Johnson Pool must now accommodate masters and lap swim, physical education classes and Lobo swim team practice. Lap swim hours are Monday, Wednesday and Friday from noon-9 p.m.; Tuesday and Thursday from 6-8 a.m., 11 a.m.-2 p.m. and 4:30-9 p.m.; Saturday from 11 a.m.-5:15 p.m. and Sunday from noon-5:15 p.m. For more information on the pool renovation project call Ken Lucas at 277-5980.

MASTER'S PLANNING PROGRAM GETS MAXIMUM ACCREDITATION

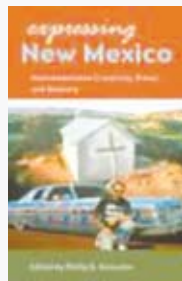
The Planning Accreditation Board recently notified UNM President David Schmidly and Provost Viola Florez that the graduate professional degree – the Master of Community and Regional Planning – has received the maximum accreditation permissible, now seven years.

The letter stated, “As the program has an exemplary record, the accreditation period granted is the longest term possible under current PAB rules.” The program previously held a five-year accreditation, then the maximum term.

SOCIOLOGIST EXPLORES N.M. CULTURE, PLACE IN NEW ANTHOLOGY

Phillip Gonzales, professor of sociology and associate dean for faculty in the College of Arts and Sciences, edited a new anthology, “Expressing New Mexico: Nuevomexicano Creativity, Ritual, and Memory,” a 2007 University of Arizona Press publication. The anthology presents a fresh examination of New Mexico's varied, deeply historical and highly contested Hispanic culture.

Four other UNM faculty members are among the contributors: Sylvia Rodriguez, anthropology; Enrique Lamadrid, Spanish and Portuguese and Chicano/Mexicano/Hispano Studies; A. Gabriel Melendez, American Studies; and Tey Diana Rebolledo, Spanish and Portuguese.



CORRECTIONS

Two photographs were incorrectly attributed in the October edition of UNM Today. The Rio Grande River photo on page one is courtesy of ©MarbleStreetStudio.com. The photo of President David Schmidly during his installation on page five is by Jodi Newton.

Health Forum

Hints for healthy sleep

PEGGY SPENCER, M.D., STUDENT HEALTH CENTER

How did you sleep last night? Did you wake without an alarm feeling rested? Many people have trouble sleeping, with resulting fatigue, poor concentration and irritability, among other symptoms. Just like food, water and air, your body needs sleep. If you're not sleeping well, try these hints for healthy sleep:

1. Make sure your bed is right for you. If you're not comfortable, you won't sleep well. Keep the room temperature comfortable.
2. Keep regular sleep hours. Try to go to bed and get up at the same time every day. Do not nap during the day if you have insomnia.
3. Exercise during the day. Even 20 to 30 minutes of brisk walking helps, but don't do it right before bed or it might keep you up.
4. Watch out for stimulants. If you use caffeine, stay away from it in the afternoon and evening. If you smoke, nicotine withdrawal might wake you up too early. Alcohol keeps you in the lighter stages of sleep



and robs you of REM. So even though a drink may make you drowsy and help you fall asleep, yoursleep won't be healthy sleep.

5. Relax with a warm bath about an hour before bed, since it is the fall in body temperature that stimulates sleep. You can also try stretching or other relaxing routines.
6. Use the bedroom only for sleep and sex. This is training your brain.
7. If you aren't sleeping, get out of bed. Go to another room to relax until you get sleepy. Trying too hard to go to sleep will backfire on you. Turn your clock away so you can't see it and obsess about the time.
8. Eat a small, starchy snack at bedtime or drink warm milk. No big meals close to bedtime. Some say calcium-magnesium supplements help.

Finally, if these tips don't work, please get professional help. You might have a sleep disorder or another medical problem. See your healthcare provider.

Student News

UNM Army ROTC excels

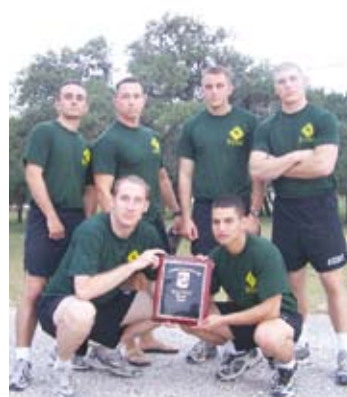
BY CAROLYN GONZALES

The UNM Army ROTC Male Team tied for first place in the annual 12th Brigade ROTC Ranger Challenge Competition. The team competed against 19 schools from Texas, Oklahoma and New Mexico.

The competition weekend kicked off on Friday with the Army physical fitness test – push-ups, sit-ups and a two-mile run. Later the teams took a written test on Army tactics and first aid techniques.

Saturday morning began before sunrise with a 10-kilo-

Continued on Page 6



Front, from left: Michael Ogan and Gabriel Montoya.

Back, from left: Luis Sanchez, Phillip Velasquez, Andrew Rubin and Tyler Cormier.

Students investigate mock tax fraud

BY STEVE CARR

Several students in the UNM Anderson School of Management recently participated in a mock fraud investigation as part of a national program conducted by the Internal Revenue Service Criminal Investigation Division (CID) designed to

showcase opportunities in this career field. Seven special agents from the IRS and eight UNM students participated in the mock investigation.

The CID investigates potential criminal violations of the Internal Revenue Code and

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From left: Laura Kelly and Natalie Armijo, professional interns in the Alumni Relations office, took first place-group for their puffer fish pumpkin in the UNM Student Union Building Pumpkin Carving Contest on Halloween.

Cancer Center brings advanced radiation treatment to N.M.

Last month, the UNM Cancer Center installed the state's first TomoTherapy Hi-Art radiation treatment system – one of only 70 in the nation. The machine combines real-time CT scans with hundreds of spiral radiation beams delivered to patients in a 360-degree radius. The pen-point beams precisely target tumors while sparing surrounding normal tissue, reducing some of the long-term effects of cancer treatment.

Patients who were not eligible for traditional radiation therapy can now be treated with TomoTherapy, including those patients with tumors

next to the spinal cord, optic nerves and brain tissue. Also, because there is almost no radiation leakage with TomoTherapy, treatment is usually safer for children.

Because of TomoTherapy's unsurpassed precision, some tumors can be treated with very high doses of radiation in just three to five treatments, instead of the standard 30 to 40.

"Bringing TomoTherapy to New Mexico is part of the UNM Cancer Center's commitment to provide world-class care to all New Mexicans impacted by cancer," said Cheryl Willman, director and CEO of the Cancer Center. ■



Law professor central to passage of college loan forgiveness act

By BENSON HENDRIX

UNM School of Law Professor Emeritus Peter Winograd saw five years of persistence and hard work pay off on Sept. 27, when President George Bush signed the College Cost Reduction and Access Act into law.

Winograd, along with Georgetown University Professor Philip Schrag, helped draft a provision in the new law to greatly reduce the standard monthly payment on federal education loans for graduates who are pursuing a career in public service. After 10 years of public interest work and making consistent payments, the loan's remaining balance will be forgiven.

"Our hope is that a graduate who spends 10 years in a low-paying public interest job will stay with it after the loan is forgiven," Winograd said. "This now makes it possible for people with their hearts set



Peter Winograd

on public interest employment to be financially able to undertake such work."

Winograd is the chair of the American Bar Association Legal Education Section's Government Relations and Student Financial Aid Committee. Schrag is the vice chair of the committee, which had been lobbying for this provision. ■

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Sustainability

included staff and faculty discounts on Albuquerque buses, free UNM shuttles to the Rail Runner at Alvarado Transit Station, and bicycle storage and repair facilities.

Cynthia Martin of Parking and Transportation Services, who oversees the department's alternative transportation program, said, "We aren't resting on our laurels yet. There is still a lot more we can do. We have a number of exciting new initiatives coming down the pike. Our first vanpool from the East Mountains area is up and running, and we anticipate soon having a couple more vanpools organized. People who are using it absolutely love it. We're also hoping to soon be able to offer bicycles for department use in getting around campus, and we're working on getting an hourly car rental service to campus by the beginning of spring semester." ■

Continued from Page 1

Art exhibit

that expanded into a three year program two years later. Those small beginnings have grown to a faculty of more than 600.

Pediatric cardiology staff member and exhibition guest curator Nancy Whalen presents the series of portraits of the "old guard" to honor them while they are still active in campus life.

Albuquerque artist Jack Melville decided to call the show "Unsung" because all of the faculty he painted were so modest about their accomplishments. "They're heroic, in a way; they built a medical school from the ground up. They invented a new way of teaching medicine that is now internationally known. But they're not about that; they're very humble," Melville said. "I feel like I've grown as a person just from talking to them."

Faculty members who have portraits in the show are Jonathan Abrams, Arthur Bankhurst, Joseph Bicknell, David Bennahum, Thomas Borden, Stewart Duban, Stan Handmaker, Fred Hashimoto, Arthur Kaufman, Charles Key, Patricia McFeeley, Moheb Moniem, Gary Rosenberg, Paul Roth, Joseph Scaletti, Reg Strickland, John Trotter, Bert Umland, Philip Zager, and William Wiese.

For more information contact Nancy Whalen at NWhalen@salud.unm.edu. ■

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CampuScapes

Physical Plant Department hosts regional conference

By BENSON HENDRIX

The UNM Physical Plant Department hosted a Western Regional Educational Conference for the National Association of Higher Education Facilities Officers in Albuquerque last month. The conference drew more than 500 attendees from the association's Pacific Coast and Rocky Mountain Regions – including California, Arizona, New Mexico, British Columbia and Alberta, Canada.

The conference, titled "Sustaining a Balanced Mission," addressed the special challenges faced by higher education facility portfolio managers: staff development, resource management, and the adoption of more sustainable practices in building construction, operations and maintenance.

More than two years of planning and preparation went into the event, representing the first joint-region western conference in 15 years. The UNM PPD staff were responsible for the conference's logistics, transportation and educational program.

"UNM's small plant staff demonstrated remarkable resourcefulness in creating a benchmark event," PPD Director and conference host Mary Vosevich said. "We worked extremely hard to make this a notable educational experience for all attendees. I think the opportunity for collaboration with our higher education cohorts from throughout the west was more than worth the effort."

The delegates had access to 21 seminars that presented the latest ideas and most successful innovations in the area of sustaining the aging inventory of labs and classrooms at most institutions of higher education. Most notable were the keynote addresses by world-acclaimed architect Edward Mazria and Cecy Kuruvilla, Sodexho's market senior director of diversity.

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black holes

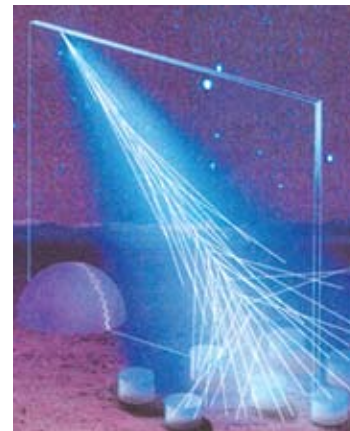
While most galaxies have black holes at their center, only a fraction of all galaxies have an AGN. The exact mechanism by which AGNs accelerate particles to energies 100 million times higher than the most powerful particle accelerator on Earth is still a mystery.

Galaxies that have an AGN seem to be those that had a collision with another galaxy or other massive disruption in the last few hundred million years. The AGN swallows mass coming its way while releasing prodigious amounts of radiation. The Auger results indicate that AGNs may also produce the universe's highest-energy particles.

"We looked at our cosmic rays and tried to see if they correlated with a category of astrophysical sources [the AGNs] because there aren't enough of them to come from any one source," said UNM Professor John Matthews. "Normally you would say it should be some bright object in the sky. The trouble is they aren't. We're stuck trying to correlate what we actually measure with possible sources. The AGNs are supermassive black holes and that's what's cool about them."

"There are very few events to measure to help make the correlation," said graduate student J. Doug Hague, another researcher from UNM. "Imagine your telescope only gives you one photon a month. How would you determine where the stars are? Here it takes a year or more with one single light pulse [one cosmic ray] at a time."

Cosmic rays are protons and atomic nuclei that travel



IMAGES COURTESY OF THE PIERRE AUGER OBSERVATORY

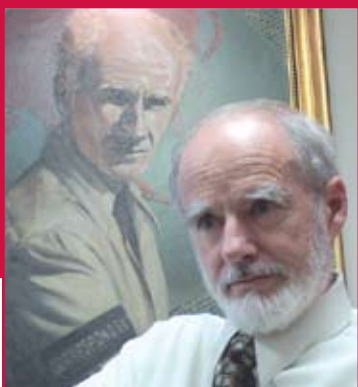
across the universe at close to the speed of light. When these particles smash into the upper atmosphere of our planet, they create a cascade of secondary particles called an air shower that can spread across 40 or more square kilometers (15 square miles) as they reach the Earth's surface.

"It turns out that supermassive black holes tend to be everywhere and they are incredibly efficient at converting gravitational energy into other forms of particle beams," Matthews said.

Other UNM scientists participating in the research include Professor Michael Gold, Instrumentation Specialist Bill Miller and Post Doctorate Bernie Becker. ■

Q & A

Communications and Journalism Professor Dennis Herrick discusses the upcoming sale or closure of the Albuquerque Tribune



1. What is your newspaper background?

I received an M.A. in journalism after a career as a daily newspaper reporter for about 12 years, chief of staff for a congressman for eight years, owner and publisher of a small group of weekly newspapers for 12 years, and a newspaper broker for five years. I've been teaching journalism classes for nine years, the last seven years at UNM. Yeah, I'm an old guy.

2. What was your initial reaction to the announcement that the Tribune was for sale?

Coincidentally, the day before the announcement, I'd told my copy editing class that it was inevitable the Trib would be out of business soon. The afternoon daily newspaper business model is doomed in urban areas.

3. How many cities in America have two newspapers?

American cities with two or more mainstream daily newspapers totaled 699 in 1910, then 334 in 1940. Now there are 46 (and 11 of those are cities with both papers owned by the same company). In the next six weeks, only 44 are expected to be left.

4. Did you think the Tribune was going to close earlier than the two months that Scripps said they would keep the paper open?

It was not possible for Scripps to close the Trib any sooner because U.S. Justice Department consent is needed before the Joint Operating Agreement with the Journal can be terminated.

5. What was your opinion of the president and CEO of a local PR firm leading a group trying to buy the Tribune?

I hope any people who might buy the Trib have a strong interest in a newspaper's role of providing news coverage without fear or favor. By the way, there's a local group also trying to purchase the paper, although it's still a low-key effort. Several Tribune readers and news hounds like me have formed a nonprofit group called Friends of the Albuquerque Tribune, which is looking into buying the Tribune name and Web site and continuing the Trib as an online daily newspaper like voiceofsandiego.org.

Continued from Page 1

Master plan

center. "It is a kind of indoor living room that can be used by both students and the community." The plans she presented provided for approximately 300,000 square feet of space.

Growth of the Health Sciences Center is inevitable and requires a facility matrix to deal with change and obsolescence, said Bob Douglass, Georgetown and Texas. The parking structure west of the hospital is a barrier to growth if the hospital and its operations are to expand.

South campus plans presented an array of possibilities, many of which came out of student work completed by Schluntz's graduate architecture studio class. Tom Laging, University of Nebraska, said that the area is all about "spectacle" and the chance for UNM to "show off how tough we are."

Entertainment, retail, and housing would become part of this new "tighter, urban landscape" that interfaces the Science and Technology Park – which is suspiciously missing a park, Lasing said – and the sports facilities.

The housing team had been charged to find a way to provide campus living space for an additional 4,000 students. "Living, working and being engaged in campus life drives student success," said Tony Atkin, Santa Fe and Philadelphia. He said that social, academic and living space need to be integrated, parking should be limited and housing distributed throughout campus.

Schluntz closed the session by reminding stakeholders, "Think broadly, think about the interconnections, the cause and effects." ■

Exhibit features Florence Academy inspired drawings

By KAREN WENTWORTH

A new exhibit featuring the work of University Libraries Professor Kathleen Keating is open in the Herzstein Latin American Reading Room on the second floor of Zimmerman Library. "Drawing the Body: Memory, Mimesis and the Florence Academy" features Keating's recent works, produced while training at the Florence Academy of Art. The exhibit continues through Jan. 25.

Keating's drawings demonstrate not only the technique she learned at the Florence Academy, but also provide an example of the curriculum taught and materials employed through the Bague-Gérôme design course in late nineteenth-century French art and design schools.

The Florence Academy of Art continues this method of instruction, emphasizing a progression in drawing developed from the precise copying of antique engravings, then plaster casts, and finally, the live, nude model. Keating's work, mostly charcoal on colored paper, marks a return to the European academic tradition of drawing the body. As



Drawing by Kathleen Keating

an artist, she pursued a course of training that places an emphasis on line, tonal value, memory and precision in rendering the human form.

The explanatory texts note the correspondences with academies of art and methods of drawing instruction utilized in Latin America during the same period. The exhibit is curated by Roland Rodríguez, a master's candidate from the UNM Department of Art and Art History and the 2007-08 recipient of the first-ever Chicano/Hispano/Latino Library Program (CHIPOTLE) Fellowship. ■

Provost's Committee for Staff seeks scholarship applicants

The Provost's Committee for Staff seeks applicants for its Staff Academic Support Scholarship for the spring 2008 semester. The scholarship, in its third year, is designed to help support staff who use their tuition remission benefit. This is an opportunity for

UNM staff to apply for limited financial support to be used to help cover the cost of academic books, course fees and supplies. Three \$250 scholarships will be awarded.

Eligibility requirements include: course(s) must be used toward degree or certificate completion or professional development; passed UNM Employment Probationary Status; be at least a .50 FTE UNM employee; have a "Meet expectations" or better on most recent Performance Review.

Application guidelines include a completed application form available online at www.unm.edu/~pcs/scholarship.html and a statement outlining academic path and benefit of these funds towards an academic degree. The deadline to submit a completed application is Friday, Nov. 30.

A fund to help support the scholarship has been established through an account at the UNM Foundation. UNM employees interested in contributing to this fund may do so through payroll deductions. The goal is to grow the fund and provide increased financial support to staff.

The United Way is another way to give to the scholarship award by designating a donation to the UNM Provost Support Scholarship fund, which will continue to increase the number of awardees per semester.

For more information contact Lina Sandve at 277-1326 or lsandve@unm.edu. ■

FUN SPOT

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Solution to last month's puzzle

Submit your puzzles or cartoons to the UNM Today Fun Spot, ucam@unm.edu

Courtesy of www.puzzles.li



J.R. Giddens scores at the first home game of the season. The Lobos defeated Eastern Washington 92-57. PHOTO BY JAVIER ZAMORA

Employee Spotlight

Gay builds Retiree Association, UNM

By SARI KROSINSKY

Since she moved to New Mexico from New York City as a teenager, Retiree Association President Ilse Gay's life has been deeply

entwined with UNM.

She came to UNM at age 18 as an undergraduate and then graduate student. She joined UNM's staff 43 years ago as an administrative assistant to then-Dean of the College of Education Chester Travelstead. She later served as assistant dean of Continuing Education and assistant dean of the College of Fine Arts.

In 1983, she became the founding director of Counseling, Assistance and Referral Services, which will celebrate its 25th anniversary in January.

Gay said that her own experience in recovering from alcoholism motivated her to create CARS. She resumed graduate studies at UNM for a second master's in counseling – her first was in elementary education – and established CARS with an office in the old Faculty Club, comprised only of herself and a secretary. Since then, the program has expanded to its own building housing seven staff members.

When Gay retired in 1987, she established a private counseling practice. "I have found that the people who do best when they retire are the ones who find a second career or something specific they really want to get involved in," she said. "It was lifesaving to be able to say I haven't retired from life, I've just retired from the university."

Her husband retired three years after she did, and since then they've traveled extensively. They met as students at UNM and have been married 56 years. They have three grandchildren, one of whom is in the fourth generation of Gays to attend UNM.

Gay set two major goals for her term as Retiree Association president, one of which has already been accomplished. Soon after UNM President David Schmidly took office, Gay approached him about the possibility of the Retiree Association becoming advisors to the Board of Regents.



Ilse Gay

"We're probably more connected with campus than most," she said. "We've spent our whole careers at UNM." Schmidly was immediately supportive of the proposal, and in September the Board of Regents formally invited the UNMRA to join faculty, staff, alumni, undergraduate and graduate students, and the development office as advisors.

Her second goal is to increase the association's membership to 500. Gay said Membership Committee Chair Carolyn Tinker is actively and eagerly

pursuing this goal, and membership is already on the rise.

The Retiree Association hosts regular events, publishes a newsletter and tracks proposed benefits or policy changes affecting retirees. Dues are \$15 per year.

Gay said the Retiree Association's advocacy role is the most important reason for retirees to join, because greater membership would give the organization more creditability as a representative of retirees. "The more members we have, the stronger we are," she said.

UNM Expands Horizons



George Pearl Hall at sunset. PHOTO BY CAROLYN GONZALES



Dedication of Castetter Hall. PHOTO BY THOMAS KENNEDY

Two long-awaited building projects were recently completed: the School of Architecture and Planning's new George Pearl Hall and the renovation of the Department of Biology's Castetter Hall.

George Pearl Hall will serve as the new home of the professional programs in architecture, community and regional planning, and landscape architecture, as well as the Fine Arts and Design Library. It is scheduled to open for classes in January.

The Castetter Hall basement renovation project has reconfigured and remodeled sections of space in the oldest parts of the building, creating a state-of-the-art teaching complex including five teaching labs, three lecture halls, two study areas, an advising complex, a graduate student computer pod and seven lecturer offices. It is set for occupancy later this semester. ■



Interior, George Pearl Hall. PHOTO BY JAVIER ZAMORA

Notables

DATYE RECEIVES NATIONAL SCIENCE FOUNDATION AWARD

Distinguished Professor of Chemical and Nuclear Engineering Abhaya Datye has received the National Science Foundation Industry/University Cooperative Research Center award for 2008.

“Dr. Datye’s leadership has resulted in a number of critical research initiatives that have improved the department’s visibility and facilitated the hiring of talented junior faculty,” said Julia Fulghum, chair of the Department of Chemical and Nuclear Engineering. “He has led the development of the new Nanoscience and Microsystems Program, which has an impact not just on UNM, but on the state.”



Abhaya Datye

VOSEVICH ELECTED ROCKY MOUNTAIN APPA PRESIDENT

Mary Vosevich, director of UNM’s Physical Plant Department, recently assumed the role of president for the Rocky Mountain Region of APPA (formerly called the Association of Physical Plant Administrators). This region includes facility management staffs at more than 70 institutions from Alberta, Canada to Arizona.

Vosevich has worked at UNM for more than 13 years, spending the last seven years as director of PPD. She has a Bachelor of Science in agriculture from the University of Missouri and received her M.B.A. from UNM’s Anderson School of Management.

MORAIN SELECTED FOR 2007 WILLIAM T. PECORA AWARD

Stanley Morain, director of the UNM Earth Data Analysis Center and research professor in geography, received the 2007 William T. Pecora Individual Award for outstanding contributions in the field of remote sensing. The award is sponsored jointly by the U.S. Department of Interior and NASA.



Stanley Morain

For more than 43 years, Morain has had a distinguished career in remote sensing that has been recognized locally, nationally and internationally. In addition to his work at UNM, he has educated professionals in developing countries on the applications of remote sensing in areas such as agriculture, transportation and public health. Morain has pursued a vision of employing remote sensing technology and products for advancing the growth of sustainable resources in developing nations worldwide.

Continued from Page 2

Mock fraud

related financial crimes.

“This program fits in perfectly with our UNM designation as a Center for Information Assurance Research and Education (CIARE),” said Rich Brody, associate professor. “One of our goals is to partner with government entities and this mock investigation is one way that we do this.”

The scenario for the investigation included an anonymous informant who turned over information about a business owner skimming profits from the company without reporting them to the IRS. To get started, the students, who functioned as a team, decided that getting the garbage from the suspect’s residence might provide useful information.

“The agents were prepared for this,” said Rich Brody, associate professor of accounting. “A big bag of trash was produced and the students then went through it. It was real garbage and in addition to banana peels and coffee grinds, the students found banking information. With

this information, they were off and running to solve the case.”

Using covert surveillance, where two of the students posed as a husband and wife interested in buying the business of the suspect, the owner/suspect was interviewed while the rest of the team sat next door and watched on a video screen and listened to the conversation on two-way radios.

“The students had the chance to see and use the high tech equipment as it is used in the real world,” Brody said.

“Throughout the workshop, I played the role of an IRS investigator,” said Sandra Woods, a graduate student in accounting. “We were able to use our knowledge about investigative tools that the IRS has and the things we have learned in Dr. Brody’s fraud class to work our way through the case. It was very interactive and exciting.”

“The workshop opened my eyes to a division of the IRS that most people don’t know anything about,” added Jessica Dillinger-Hale, a second year M.B.A. student with a dual concentration in M.I.S. and Information Assurance. ■



UNM’s “special investigators” enjoy a lighter moment during a mock fraud investigation conducted by the Internal Revenue Service’s Criminal Investigation Division and UNM’s Center for Information Assurance Research and Education (CIARE).

Continued from Page 2

Army ROTC

meter march carrying a 30-pound pack. The day also included competition in weapons’ disassembly and assembly, obstacle course, hand grenade assault course and land navigation, with land navigation being conducted during the day and night. The teams had to navigate the woods with only a map and compass.

At the end, the UNM male Ranger Challenge Team was tied with Texas A&M-College Station for first place. The tie breaking rules resulted in an overall second place finish for the UNM male team.

“In Army ROTC’s short four-

year existence at UNM it has earned second place three of the four years. Each year the team to beat was Texas A&M. Tying for first place in this year’s competition was a tremendous accomplishment,” U.S. Army Lt. Col. Eric Sevigny said.

The Ranger Challenge competition is considered the varsity event for Army ROTC.

“With all six members of this year’s male team moving into their senior year, they will not be eligible to compete in next year’s competition. The co-ed team is looking to the future and plans to dramatically improve its standing in next year’s Ranger Challenge,” Sevigny said. ■



Health Sciences Center Library Analyst/Programmer Heidi Husman and UNM Bookstore Retail Manager Anthony Burns relax at a recent gathering for UNM United Way Young Leaders at University House. Pledge cards for the 2007 campaign are due by the end of the month. PHOTO BY SARI KROSINSKY

Human Resources

Aprenda el inglés en el trabajo Learn English at work

BY HELEN GONZALES
ACTING VICE PRESIDENT FOR HUMAN RESOURCES

¿Quiere aprender a hablar el inglés para comunicarse más efectivamente? Como inmigrante a los Estados Unidos, aprendí el inglés cuando era joven. Mis padres lucharon para aprender el inglés, pero sabían que si entendieran el idioma, podrían ayudar a sus hijos con sus tareas y animarnos a tener éxito en la escuela. Que mis padres aprendieron el inglés también me ayudó a llegar a un nivel de alta competencia. Mis padres tomaban clases de inglés como segundo idioma por las noches.

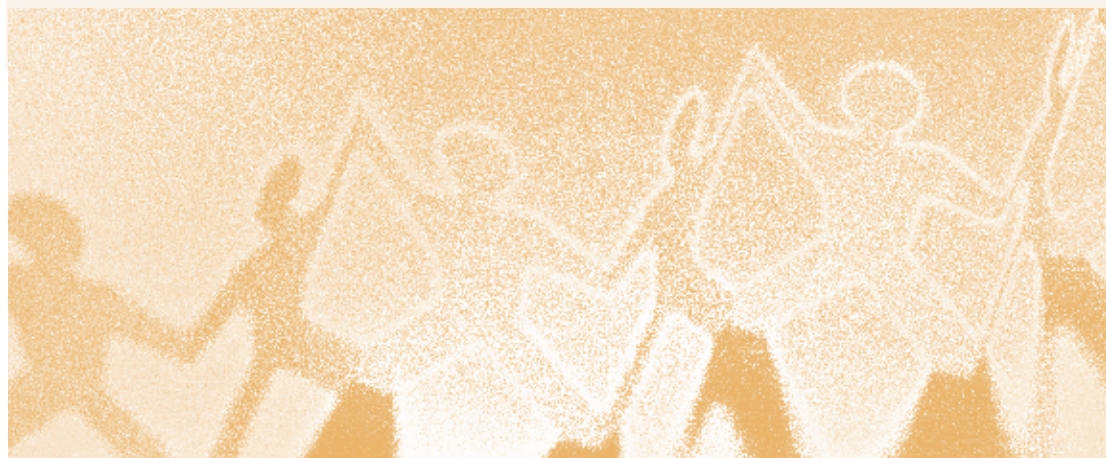
Aprender un idioma es difícil y es un proceso largo. Mucha gente no tiene el tiempo para ir a clases entre los trabajos y las responsabilidades de la familia. Estoy muy orgullosa ofrecerles a nuestros empleados la oportunidad de aprender el inglés aquí en la universidad. Se dan clases los martes y jueves de 3:30-6 p.m. en el UNM Business Center.

El Programa de Alfabetización del Inglés para Empleados de UNM ha ayudado a más de sesenta empleados en avanzar de niveles principiantes a niveles intermedios de competencia en el inglés. Clases nuevas empezarán en enero. Inscríbase ahora con Juanita Lucero en 277-1557.

Do you want to learn to speak English so you can communicate more effectively? As an immigrant to the United States, I learned English when I was young. My parents struggled to learn English, but they knew they would be able to help their children with their schoolwork and encourage us to do well in school if they understood the language. It also helped me become proficient in English. My parents took English as a Second Language in the evening.

Learning a language is hard and takes a long time. Many people don’t have time to go to classes between their jobs and family responsibilities. I’m very proud that we offer our employees the opportunity to learn English here at the university. Classes are held Tuesdays and Thursdays, 3:30-6 p.m. at the UNM Business Center.

The English Literacy Program for UNM Employees has helped more than sixty employees advance from beginning to intermediate levels of English proficiency. New classes will begin in January. Sign up now by calling Juanita Lucero at 277-1557.



Events Calendar

Events subject to change, call to verify. For a comprehensive list of events updated daily, visit UNM's online calendar, unmtoday.unm.edu. Most events are free. For events requiring tickets, most may be purchased at UNM Ticket Offices, 925-5858 or www.unmtickets.com.

Monday, Nov. 19-Sunday, Dec. 2

UNM's Department of Theatre and Dance presents the New Mexico premier of "Zanna, Don't!" a musical fairy tale by Tim Acito. Tickets are available at UNM Ticket Offices. Rodey Theatre, 2 p.m. Sundays, 7:30 p.m. all other days.

Monday, Nov. 19

Staff as Students: A one-stop shop for UNM staff to increase their career development through education and training. SUB ballroom C, 11:30 a.m.-1:30 p.m., 277-6947.

Keller Hall presents a performance of the UNM Percussion Ensemble with Scott Ney directing. Tickets are available at UNM Ticket Offices. Keller Hall, 7:30 p.m., 277-4569.

Tuesday, Nov. 20

Jim Jacob, guest curator and professor in UNM's Department of Art and Art History, discusses the drawing exhibition "Drawn Closer: Authenticity & Anonymity." University Art Museum, 5:30 p.m.-7:30 p.m.

Wednesday, Nov. 21

Maxwell Museum presents an Indian Bread Baking Day with fresh oven bread prepared by Mary Jane and Robert Edaakie of Isleta Pueblo in the Maxwell's own Horno. Maxwell Courtyard, 11 a.m.-3 p.m.

Thursday, Nov. 22-Sunday, Nov. 25

UNM closed for Thanksgiving break

Saturday, Nov. 24

UNM Football: Lobos vs. UNLV. Tickets are available at UNM Ticket Offices. University Stadium (the Pit), 3:30 p.m.

Wednesday, Nov. 28-Friday, Nov. 30

The 44th annual ASUNM Holiday Arts & Crafts Fair presents more than 90 booths selling crafts, jewelry, pottery, t-shirts, soaps and more. SUB ballroom, 9 a.m.-6 p.m., 277-6544.

Thursday, Nov. 29

Incoming Maxwell Museum Director James Dixon presents a lecture on "Archeology and Climate Change." Hibben Center, room 105, 7 p.m.

Friday, Nov. 30

Health Sciences Center residents and students looking for employment in New Mexico after they graduate are invited to the School of Medicine Job Fair. Domenici Center for Education, third floor, 9 a.m.-3 p.m., 272-6140.

The annual Hanging of the Greens, UNM's oldest tradition, will be celebrated. Student groups will decorate main campus with thousands of luminaries. Caroling tour begins at Popejoy Hall, 5:45 p.m., reception at University House, 7 p.m., 277-4706.

The Feminist Research Institute and Department of Philosophy present a lecture by University of London Professor Slavoh Zizek titled "Fear Thy Neighbor as Thyself." Woodward Hall, room 101, 7 p.m.

Saturdays, Dec. 1 and 8, and Sundays, Dec. 2 and 9

The New Mexico Symphony Orchestra and the New Mexico Ballet Company present "The Nutcracker." Tickets are available at UNM Ticket Offices. Popejoy Hall, 2 p.m. all days, with an additional 7 p.m. showing Dec. 8.

Thursday, Dec. 6

UNM Staff Council presents the Gerald May Awards Ceremony. This award is given annually to UNM staff members who have made significant contributions to the university. SUB ballroom C, 4 p.m.

Saturday, Dec. 8

UNM Men's Basketball: Lobos vs. San Diego. Tickets are available at UNM Ticket Offices. University Stadium (the Pit), 1 p.m.

Friday, Dec. 14

Fall Commencement. University Stadium (the Pit), 6 p.m., 277-4664, www.unm.edu/~universec.

The Arts Column



The UNM ARTS Lab demonstrates green screen lighting techniques at the first of a series of Friday workshops.

PHOTO BY SARI KROSINSKY

ARTS Lab presents Friday green screen workshops

The UNM ARTS Lab held the first of a series of Friday afternoon green screen workshops last month. Green screen is a popular special effects tool used in numerous movies including "Sin City," "300" and the Harry Potter films. The technique is a relatively low-cost way for filmmakers to put their characters in the environment of their choice.

Using the full-corner green screen – that is, two green walls with a green floor – at the ARTS Lab Garage, the series will demonstrate a variety of techniques that can be adapted for independent films, video projects, experimental arts and visual effects. Through a photographic technique called the chroma-key process, a subject filmed against a green or other solid-colored background can be merged with footage of a chosen environment.

For the first workshop, ARTS Lab Multimedia Development Specialist Joe Abraham Dean presented an interactive demonstration on studio lighting for green screen applications. For realistically integrated chroma-key filming, the proper lighting can make all the difference.

While setting up, filming and projecting several practical lighting configurations, Dean discussed common challenges and techniques, such as using white fill light and avoiding reflective materials to prevent the green background from reflecting onto the subject, using screens – generally, semi-opaque white fabric – to soften and disperse light, and matching the lighting on actors to lighting in the environment to be merged over the green screen.

Future Friday workshop topics include motion capture and digital rights management. The ARTS Lab Garage is located at 123 Pine St. NE, near the intersection of Central Avenue and University Boulevard. For more information, visit artslab.unm.edu or call 277-2253.



Exhibitions

University Art Museum • 277-4001

"Concerning the Mystical in Art – Jesse Reichek." Jesse Reichek, a mystical abstractionist, made his name in New York and Paris in the 1950s and 1960s. He created more than 3,000 paintings in the latter half of the 20th century, but chose not to exhibit his work for three decades. Through Dec. 21.

University Art Museum: "Bodily Gesture." Guest curator Jim Jacob, from the painting and drawing program in the Department of Art and Art History, has organized a series of four exhibitions that explore concerns specific to the act of drawing. Through Dec. 21.

"Contemporary Desert Photography: The Other Side of Paradise." This traveling exhibition from the Palm Springs Art Museum brings together more than 50 photographs from 26 American photographers including Thomas Barrow, Patrick Nagatani, Mark Kleet, Wanda Hamerbeck and Lee Friedlander. These artists have approached the landscape from the perspective of mankind's intervention and impact on deserts. Through Feb. 10.

Open Tuesday-Friday, 9 a.m.-4 p.m., Tuesday evening, 5-8 p.m., Saturday and Sunday, 1-4 p.m., and during most events at Popejoy Hall.

Maxwell Museum of Anthropology • 277-4405

"North by Southwest: Bering Sea Communities, Collaborations and Collections." An exhibit of Alaskan native life with artifacts, photographs and prints. Through June 2008.

"People of the Southwest." This permanent exhibit explores 11,000 years of the cultural heritage of the Southwest and highlights major excavations and the archaeologists who directed them.

Open Tuesday-Friday, 9 a.m.-4 p.m., Saturday, 10 a.m.-4 p.m.

Herzstein Latin American Reading Room, Zimmerman Library • 277-5627

"Drawing the Body: Memory, Mimesis and the Florence Academy." Exhibit of the recent works of University Libraries Professor Kathleen Keating, produced while she was training at the Florence Academy of Art. Through Jan. 25.

Harwood Museum of Art, Taos • 758-9826

ORIGINALS 2007 "New Mexico Women in the Arts." Through Dec. 30.

Open Tuesday-Saturday, 10 a.m.-5 p.m. and Sunday, noon-5 p.m.

Jonson Gallery • 277-4967

"Mass: Of Our World." Alan Paine Radebaugh explores the concept of mass in both its physical and religious meanings in 32 large works designed and painted for the Jonson Gallery. Through Dec. 20.

Open Tuesdays-Fridays 10 a.m.-4 p.m. and by appointment.

Center for Southwest Research, Zimmerman Library • 277-6451

"Revisioning Tradition." This exhibit features serigraph prints by Rafael López Castro, one of the leading graphic designers working in Mexico City today, and digital prints by renowned Chicana artist Delilah Montoya, M.A. graduate of UNM's Department of Art and Art History, and professor of photography and digital media at the University of Houston. Through Dec. 14.

Open Monday-Saturday, 9 a.m.-4 p.m.

University Hospital Art Gallery • 272-9700

"Cradle to Cradle." A photography exhibit documenting the move of the UNM Children's Hospital.

Open Monday-Friday, 8 a.m.-6 p.m.

UNM – State, National & International

Otter diplomacy at work in North, South Korea

By STEVE CARR

It could be called “otter diplomacy.” It involves a new collaborative agreement between North and South Korea to conduct thorough investigations on the habitat status of otters. The primary aim of the agreement, said UNM Biology Research Associate Professor Paul Polechla, who was a witness to the signing, “is to peacefully establish a set of techniques necessary for the continued protection of Korea’s Demilitarized Zone (DMZ) and the surrounding land for wild-life conservation.”

“Wildlife is being used as an ambassador for the peaceful thaw of relations between two nations,” said Polechla, who toured the DMZ and surveyed the land. “The agreement is providing an opening for negotiations whereby otters and the biologists who study them are the ambassadors.”



UNM Research Assistant Professor Paul Polechla tours Paro Lake in South Korea en route to the Peace Dam and World Peace Bell Park.

The document was signed at the 10th International Otter Colloquium in Hwa-Cheon, South Korea. The IOC is the tri-annual meeting of the Otter Specialists Group of the International Union for the Conservation of Nature or IUCN. Researchers, conservationists and students from 36 countries attended the colloquium to discuss the biology of the 13 species of otters in the world, many of which are threatened or endangered. Sung-Yong Han, international otter biologist and director of the Korean Otter Research Center and Asian Otter Trust (AOT), served as host for this IOC.

The landmark agreement involves intensive collaborative research on the habitat status of Eurasian otters living in the Bukhan River of North and South Korea, especially as it

relates to their ecology and factors threatening their survival. “The document is designed to conserve otters and their habitat and to embark on a study of techniques necessary to accomplish this,” Polechla said. The agreement comes during a time of warming relations between North and South Korea.

Polechla gave a presentation titled “Conservation of the river otters of the southwest borderlands.” “We could learn some lessons from this Korean model to apply to our region,” he said.

The DMZ was formed in 1953 on Armistice Day following the Korean War. It established a buffer zone between the two countries blocking the free movement of people. For more than 50 years, according to Polechla, “the DMZ has ironically become an ad-hoc wildlife preserve for rare animals.” This human inaccessibility has allowed farmlands and forests to be restored and damaged rivers to return to their natural state.

One of the group’s involved with the preservation of the otter in the Koreas is the AOT. The AOT is recruiting groups to fund a trust to further research Asia’s five species of rare or relatively unknown otters. “The AOT is hoping to fill gaps of knowledge in developing Asian countries by providing funding to local field researchers,” Polechla said. “We’re getting the word out about the plight of otters.” ■



JoAnne DeKeuster, “Untitled,” 2007 wood fired white stoneware



Renee Brainard Gentz, “Light and Lively,” 2006 hand dyed silk organza

Taos Harwood exhibits N.M. women artists

The New Mexico Committee of Women in the Arts presents “Originals 2007: New Mexico Women Artists,” hosted at both the UNM Harwood Museum of Art in Taos and the Millicent Rogers Museum through Dec. 30. The New Mexico Committee of Women in the Arts is affiliated with the National Museum of Women in the Arts in Washington D.C.

“The Harwood is honored to be co-hosting this exhibition with the Millicent Rogers Museum and excited to have the opportunity to celebrate the diverse talents of New Mexico’s women artists,” said Harwood Museum Director Charles Lovell. Works on view at the Harwood include sculpture, artist books, paintings, fiber art and mixed media assemblages. All exhibited

work is for sale with the artist receiving 60 percent of proceeds, the museum 20 percent and the New Mexico Committee of Women in the Arts the remaining 20 percent.

The New Mexico Committee founded “Originals,” a biennial juried exhibition open to all living New Mexican women artists, in 1999.

In conjunction with “Originals 2007,” the Harwood and Millicent Rogers Museums present a series of free family programs. The programs are held Saturdays, 1-2:30 p.m., and include an interactive tour of the exhibit. Upcoming sessions include Clay with Abby Salisbury at the Harwood Dec. 15.

The Harwood Museum is open Tuesday-Saturday, 10 a.m.-5 p.m. and Sunday, noon-5p.m. Visit www.harwoodmuseum.org. ■

UNM professor picked for N.M. Supreme Court

By BENSON HENDRIX

Charles Daniels, an alumnus and former professor of the UNM School of Law, has been appointed to serve as a justice on the New Mexico Supreme Court by Governor Bill Richardson.

Daniels replaces Justice Pamela Minzner, who died in August.

“The law school community congratulates Charlie Daniels as he assumes his new role on the New Mexico Supreme Court,” said UNM School of Law Dean Suellyn Scarnecchia.

“He has been an important and integral part of the law school community for many years.”

Daniels is a criminal defense lawyer and senior partner with the Freedman, Boyd, Daniels, Hollander, Goldberg & Ives law firm in Albuquerque. He started the firm with two of his former students more than 30 years ago. His experience in the courtroom is vast – from criminal defense to business and securities litigation, civil rights cases, and lawsuits impacting constitutional law. He has been featured on 20/20,

Dateline and Court TV.

“Charles Daniels exemplifies the qualities necessary to serve on New Mexico’s highest court,” Governor Richardson said in a press release. “I am confident that Charles Daniels’ leadership, work ethic and impeccable integrity will be a tremendous asset to the state Supreme Court.”

Daniels spent six years at the UNM School of Law as a full-time professor, and continues to teach part time. His appointment to the New Mexico Supreme Court is effective until the 2008 general election. ■



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UNM President David Schmidly joins CNM President Kathie Winograd for a segment of KNME’s “In Focus,” in which the CNM district expansion vote in Rio Rancho was explained.