

unm-g views

A quarterly newsletter published by the University of New Mexico-Gallup

Looking ahead: UNM-G Seeks Voter OK of G.O. Bond, Tax Levy on Feb. 1

On Feb. 1, McKinley County voters will go to the polls to consider a proposed General Obligation Bond and tax levy sought by UNM-Gallup to fund expansion of operations and facilities.

“UNM-Gallup is growing,” said Dr. Beth Miller, executive director. “We intend to leverage the funds from the bonds toward additional state funds. Over a six-year period, we intend to either construct, expand or renovate in a number of areas.”

Among the renovation or construction projects that would be funded: a Health Careers Center, tech classroom, mainte-

nance department, student services center, UNM-G Northside, Lions’ Hall, technology center, child care center and renovations to existing facilities.

Funds from the tax levy would go into general accounts, which would be used to fund staffing of these new facilities and existing facilities with faculty and support personnel, as well as for general operations.

“UNM-Gallup currently has over 200 students waiting to enter the Nursing Program and needs the facilities and staff to accommodate them,” Miller said.

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News of Note



New principal on board at CCTE, MCHS

Dr. Charles Kaplan has joined the staff of UNM-Gallup as principal of the Middle College High School and the Center for Career Technology Education. Kaplan worked as a teacher, counselor, principal in Albuquerque for 20 years, and in other cities in New Mexico. Kaplan has a B.S. degree from Buffalo State College, a M.Ed. degree from the University of Oklahoma and an Ed. D. from NMSU.

2 Positions Up for Election on UNM-G Board

Two positions on the UNM-Gallup Board are up for election. They are position two, now held by Bill Bright (countywide except for Zuni) and position three, held by Ernest Mackel, just for Zuni. The election will be held Feb. 1.

Holiday Magic 2005



Mayna Benally (second from right) and Lisa Carroll (right) help a toddler catch a duck and win a prize in the Duck Pond during Holiday Magic, held Dec. 5 in Gurley Hall Commons. Hundreds of families attended, with children playing games, making crafts and enjoying refreshments provided by the college.

Photo by John Van't Land



From the Desk of the Executive Director

By Beth Miller, Executive Director



Beth Miller

On Feb. 1, we will ask McKinley County voters to go to the polls and vote on an important issue that affects the shape and scope of

growth for UNM-Gallup over the next decade. There will be two questions on the ballot: a General Obligation Bond that will provide funds for construction, renovation or expansion of: a new Health Careers Center, a new, one-stop Student Services Center, Lions Hall, the Maintenance Department, the Child Care Center, a Technology Center, UNM-G Northside and a Tech classroom. The second question

will be a tax levy of one mil, which will be used to fund staffing and operation of new and expanded facilities.

Why should voters support these measures? Obviously, expanded and renovated facilities are of key significance in providing a quality environment for the education of our students. A successfully educated student can expect a better economic life while having the capacity to contribute to the quality of life in this area. We help our students realize the goal suggested by our slogan: to stay close to home while getting an education that will take them far in life.

We urge you to consider carefully your vote on these two issues. For most taxpayers, the rise in taxes will be minimal and the return, immeasurable.

2 Students Nominated to All USA Team

Two UNM-Gallup students have been nominated to the All USA Academic Team for community colleges. They are Nicholas Beltran and Christine Piaz.



Nicholas Beltran

Sixty team members will be selected in May from all the nominees across the nation, to be on the first team, second team and third team.

Beltran, who is from Gallup, is a biology major who plans to attend Southern California College of Optometry in Fullerton, Calif. He has been on the Dean's List and presented research

on drinking water at the 2004 BRIDGE Program Summer research program. He has a 3.52 GPA.

Piaz, who received her certificate for completing the cosmetology program in the fall, plans to transfer to the Albuquerque campus to complete a bachelor's degree in psychology. She will support herself by working in a salon while she studies.



Christine Piaz

She has a 3.62 average and has been on the Dean's List twice.

Calendar

- Jan. 3-Feb. 11: Print Portfolio from Karen Kunc, Ingham Chapman Gallery; Gurley Hall Display Case, ECME student work
- Jan. 11: Ambassadors meeting.
- Jan. 17: Martin Luther King Day, Campus closed.
- Jan. 18: Classes start
- Jan. 28: Registration ends
- Feb. 1: Go to the polls and vote on UNM-Gallup G.O. Bond, Tax Levy, UNM-Local Board
- Feb. 21-April 8: Gallery Art Teachers; Display Case, McKinley County Teachers
- March 28-April 1: Spring Break; no classes
- April 18-June 10: 13th Student Exhibition
- April 30: Science Fair, Gurley Hall
- May 7-14: Final exam period
- May 12: Commencement

UNM-Gviews

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Our Mission: UNM-Gallup develops lifelong learners in a context that is responsive to the cultures of this region.

Brave New World: UNM-G Steps into Nanotechnology Field



From left, Associate Professor Heberto Ochoa-Morales; and students Hansen Tapaha, Ryan Daw and Marian Parket discuss nanotechnology.

Business Management and Technology, at UNM-Gallup, this burgeoning new field involves the design and building of devices on a very minuscule scale--atomic and molecular, in fact. Engineers are currently finding a phenomenal range of applications--from health care to manufacturing--beyond its original uses.

"We're talking about building elements of systems that are one billionth of a meter," Ochoa-Morales said. "That's 10 to the ninth power."

Ochoa-Morales has been working with a consortium of individuals, including representatives from local tribes and experts in the field from Sandia National Laboratories, UNM Albuquerque campus and TVI, as well as the New Mexico Economic Development Department, to discuss how UNM-Gallup could help with workforce development in this area.

Manufacturers who use nanotechnology in their processes have expressed interest in the Four Corners region because of the tax-free opportunities that loca-

The University of New Mexico-Gallup is positioning itself to play a major role in developing a workforce for the cutting edge nanotechnology field.

What's nanotechnology? According to Heberto Ochoa-Morales, Assistant Professor of

tion on the Indian reservations would afford.

The current project began to take shape in October 2003, when Steve Walsh, Alfred Black, Professor of Entrepreneurship and the Co-Director of the Technology Management Center at the University of New Mexico's Anderson School of Management, and co-founder of the Micro and Nanotechnology Commercialization Education Foundation (which is working to help find uses for this technology in commercial settings) made a presentation to UNM-Gallup's administration and asked the college to become a member of MANCEF.

The group visited UNM-Gallup's Zuni Campus and began to discuss the possibility of making Zuni a training center for work force development in the packaging industry. Discussions thus far have also included UNM and TVI, which currently offers a certificate and degree in nanotechnology, as well as a grant for \$250,000 from NASA to provide training in these areas. UNM-Gallup students could presumably make use of TVI's "clean room," a dust- and germ-free work area in which the air quality, temperature and humidity are highly regulated in order to protect from contamination.

In the spring, the college will offer two classes pertaining to the nanotechnology field: Math for Electronics and a programming class. Ochoa-Morales is recruiting students who excel in math and science.

G.O. Bond, Tax Levy

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Miller added that every dollar the community spends on higher education is turned over within the community 3 to 3.5 times on housing, insurance, automobiles, gas, groceries, tires, clothing, entertainment and school supplies.

UNM-Gallup has an annual budget of over \$12 million and a payroll of over \$8 million. The college administers over \$8 million in financial aid, which, as Miller pointed out, has a huge impact on the local community.

NIH Grant Will Promote Bio-Med, Behavioral Research

The University of New Mexico-Gallup was among four colleges nationwide that recently received a grant for the Extramural Associates Program of the National Institute of Child Health and Human Development, which is part of the National Institutes of Health.

The grant, which is awarded to institutions serving under-represented minorities and women students, is for \$248,400 and will be used for promoting biomedical and behavioral science-related research activities among faculty and students. An office has been established at UNM-Gallup, from which activities related to the grant will be coordinated, including hiring of students for a pilot project; hiring of an administrative person; dissemination of information regarding grant opportunities, available resources, and workshops on grant writing; purchase of materials; and advertising and outreach.

The funding period for the grant is from August of 2004 to July 2009. Dr. Kamala Sharma, assistant professor of math and science, attended a 10-week training program at the Extramural Associates Program in Maryland to learn how to administer the grant. Sharma is coordinating set-up of the program.



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News & Notes

Associate Professor of Mathematics **Florentin Smarandache** lectured at NASA Langley Research Center in Hampton, Virginia, on November 5 on "An In-depth Look at Info Fusion Rules and Unification of Fusion Theories."

Jeff Beckman, an adjunct art lecturer in Ceramics, has had some shows in Albuquerque recently, including "Fecund" at the Trevor Lucero Gallery in September and "Hallowed (work about the sacred)" at the John Sommers Gallery (UNM main campus) in November. His work is currently on view at the Katrina Lasko Gallery, 336 North Camino del Pueblo, Bernalillo.

After twelve years of broadcasting from the lower level of Gurley Hall on the UNM-G campus at only 100 watts, KGLP, Gallup Public Radio will now be available on the Internet. **Frank Bosler**, station manager and chief executive officer, said, "This is just one of the three major initiatives KGLP is undergoing to better serve the Gallup community. In addition to streaming our signal on-line we are increasing our

signal strength from 100 watts to 880 watts and going digital."

Dale Mason, Associate Professor of Political Science, was recently named a visiting scholar at the Carl Albert Center for Congressional Studies at the University of Oklahoma. Mason received a grant to do research in center's archives for his book on former U.S. Senator Fred Harris of Oklahoma. Harris, who ran for president in the Democratic primaries in 1972 and 1976, is now a professor of political science at UNM.

On 10 November, **Sherman Bitsui**, author of *Shapeshift*, read from his poetry to an audience of over 60 people in the Ingham Chapman Gallery

Carolyn Milligan, Assistant Professor, Electronic Publishing Technology, lectured Dec. 4 on "Painting on Walls: Mural Painting as Public Art" at the Red Mesa Center under the auspices of the Plateau Sciences Society and the Gallup Downtown Mural Project.

Red Mesa Review, Volume 10, our campus literary and arts magazine is available in Student

Services. RMR 11 is in production and will be published in the summer of 2005.

Robert Hoffman, chair of the Arts and Letters Department, presented a workshop, "Engaging Learners: Teaming for Writing a 'Real World' Assignment" at a conference of the Southwest Association for Developmental Education (SWADE) in November. He has had two proposals on aspects of archiving for assessment of student learning accepted for presentation at the upcoming UTEP SUN Conference on teaching and learning in El Paso this spring.

Linda Castorena in Financial Aid received the Rookie of the Year award from NMAFFAA (New Mexico Association Student Financial Aid Administrators), the statewide Financial Aid professional organization. She also attended Loan Training with the US Department of Education in September 2004 as a part of Training the Trainers and then provided loan training statewide at Decentralized Training in Albuquerque on Nov. 4, 2004 to all her Financial Aid peers from around the State of New Mexico.

UNM-Gallup helps students stay close to home so they can go far in life. VOTE Feb. 1 in the General Obligation Bond and Tax Levy election.