In This Issue . . .

Tech’s Biggest Grading Class Yet! 2
Tech’s Grand Dame Sallie Smith 4
It’s That Time Again! The President’s Golf Tournament 9
The Changing Campus Tech’s new look 14
And Much More!
Dear Alumni, Friends, and Supporters of New Mexico Tech:

On behalf of New Mexico Tech, I am proud and pleased to report that this university has again completed another outstanding academic year. We reached new levels of campus growth with the opening of the Fidel Student Services Center, and also set a milestone at our recent commencement by graduating more than 300 of our students... We owe a large measure of our success to you, and others like you—our staunchest supporters and advocates.

In an effort to keep you abreast of our recent endeavors, please take time to look over the pages of this latest issue of Gold Pan, and share with us New Mexico Tech’s collective sense of accomplishment, as we look back on past achievements, and look forward to future opportunities.

Sincerely,

Daniel H. López
President

Summer Science Program now underway at NM Tech

Three dozen of the world’s top high school science students from 15 states and three foreign countries have converged on the New Mexico Tech campus for the Summer Science Program (SSP).

For six weeks, they spend their days in college-level lectures, and their nights imaging and measuring the speck of light from a distant asteroid. This is the fourth summer that New Mexico Tech has sponsored and hosted the Summer Science Program’s second campus; the original campus in California has operated every summer since 1959.

Working in teams of three, students will observe an asteroid several times using two telescopes at New Mexico Tech’s Etscorn Campus Observatory, measure its position precisely relative to nearby stars, then calculate its orbit using software they write themselves in the university’s Weir Hall computer labs.

SSP students find that this intense research experience gives them crucial inspiration and preparation to major in physical science or engineering at leading universities. Many alumni have called it “the educational experience of a lifetime.”

SSP students find themselves in close contact with university professors and illustrious guest speakers, an opportunity that may not come again until they reach graduate school. They will also enjoy behind-the-scenes tours of nearby research and historic sites, such as Tech’s Energetic Materials Research and Testing Center, the Very Large Array, and Trinity Site.

“We’re very happy to be back for our fourth summer at New Mexico Tech. Everyone here is extremely supportive, and the facilities are perfect for our program,” said Richard Bowdon, SSP Executive Director. “It’s also notable that we have enrolled eight New Mexican students this year. New Mexico residents participate at no cost; while others pay a program fee, unless they qualify for need-based aid.”

SSP is operated by an independent non-profit corporation. Complete information is available at www.summerscience.org.
Table of Contents

Features

Graduation and Award Winners ................................................................. 2
Sallie Smith ............................................................................................ 4
Pat Miller ............................................................................................... 8
Tech Land Donors ................................................................................ 11
Cramer Hall Renovation ........................................................................ 14
Office for Advancement ........................................................................ 18

Departments

Events Calendar ....................................................................................... 12
People You Know .................................................................................. 16
In Memorium ......................................................................................... 19
The Last Word: Edwina Gutierrez .......................................................... 20

http://www.nmt.edu

Toll-Free Numbers: 1.800.428.TECH (8324)

Admissions: .......Press 1  Graduate Office .....Press 3  Housing .............Press 5

New Mexico Tech is an equal opportunity/affirmative action institution.
New Mexico Tech held commencement ceremonies on May 13 for a record-setting 309 graduates, followed by a dedication of the new Joseph A. Fidel Center. The state-supported research university granted 86 bachelor's degrees, 104 master's, and 19 Ph.D.’s.

In addition, the university granted an honorary Doctor of Humane Letters degree to State Senator Ben D. Altamirano, who was hailed as “a true champion of this university.” Senator Altamirano was recognized for his contributions to the development of many programs and services at New Mexico Tech, through his efforts in securing funding for numerous projects.

The university also paid tribute to State Senator Joseph A. Fidel, after whom the new student center is named. Fidel Center was officially dedicated with a ribbon-cutting accomplished with a small explosive rather than low-tech scissors.

The Brown Award, the top student award to an undergraduate, went to Tara Mayeau, who earned a bachelor's degree in geophysics with highest honors. Mayeau has compiled a catalog of Socorro and New Mexico earthquakes which is leading to a better understanding of the Rio Grande Rift and the magma body that underlies Socorro. Mayeau is pursuing a graduate degree at Yale University.

The top award to a graduate student, the Founder's Award, was presented to George Schmaltz, who also received a master's in engineering management degree. Schmaltz was known to everyone as a person who volunteers for everything. He has been active in the Graduate Student Association, Tau Beta Pi (the engineering honor society), and the Newman Association of Catholic College Students. Schmaltz plans to move to the Washington, D.C. area, where he will work for the federal government's ongoing research in information security management.

The Cramer Award for the woman engineering student who ranks highest in scholarship went to Cheyenne D. Hollow Horn of Gallup, N.M. She earned a bachelor's degree in electrical engineering and was a member of the prestigious Scholarship for Service program, a program sponsored by the National Science Foundation through Tech's Computer Science Department. Hollow Horn also held several

The Cramer Award for top male engineering student went to William Shuter, who is one of the first graduates of Tech’s new civil engineering program. Shuter was instrumental in establishing a student chapter of the American Society of Civil Engineers. He was also a key member of the team that recently participated in the ASCE’s annual bridge-building contest.

The Langmuir Award for best research paper by a recent graduate of the university went to Dr. Huade Guan, who earned his Ph.D. in hydrology last year and is now a postdoctoral student at the University of Texas at San Antonio. Guan was author of a paper on the effects of ocean cycles on precipitation in northern New Mexico.

Dr. James “Al” Smoake was named recipient of the Distinguished Teaching Award for 2006. Smoake is retiring this year after 33 years of teaching at New Mexico Tech. During that time, he has not only chaired the biology department for many years, but also served as Graduate Dean for 11 years. In addition to this, he has served as advisor to most, if not all, of Tech’s pre-med students.

Dr. Robert Bowman, professor of hydrology, was chosen as recipient of New Mexico Tech’s Distinguished Research Award for 2006. Dr. Bowman has achieved an exceptional record of innovation in soil and water-related environmental research. One of his major early contributions was the development of a new class of water tracers, called FBAs, which are now used by soil physicists, chemists, and hydrologists worldwide.

Dr. Bowman has also pioneered important new applications of natural minerals called zeolites for removing chemical contaminants and toxic organisms from contaminated water. He made the surprising observation that surfactant-modified zeolites immobilize viruses and bacteria, which could have a major impact on public health in developing areas of the world.
Sallie Smith

Saying ‘Adios!’ To
‘Wonderful Town’

by Valerie Kimble

Sallie Smith came into this interview with a theme she had established in advance: how a chance meeting can lead to romance and marriage; and how marriage plays a leading role in the fate of joined lives — including bringing people to Socorro.

Sallie has jotted down notes — she comes prepared for any interview, any social gathering — black cursive writing on a small pad reflecting answers to questions she was asked by telephone.

Well, let’s see: John Wilson, the eminent New Mexico Tech hydrologist and his wife, Betty, met when Wilson was a graduate student at Georgia Tech, and co-eds from a nearby girls’ college were bused over for what was then called a “picnic weekend.”

Anton Budding, professor emeritus of geology, and his wife, Anita, moved to Socorro when Anton answered an advertisement in GeoTimes for a faculty member at the then-New Mexico School of Mines. The Buddings’ two daughters graduated from Socorro High School; and the elder Buddings stayed in town until both had retired — Anita from teaching in the public schools, and Anton from teaching at Tech.

It turns out that Anton was recruited by Sallie’s husband, Clay T. Smith, one of only two faculty with the school’s fledgling Geology Department. Today, the Earth and Environmental Sciences Department has the largest faculty base at the university.

Smith, once dubbed the Dick Clark of geologists for his youthful mien, and one of Tech’s best known and revered faculty members, died suddenly three years ago at age 87.

And now, Sallie is leaving Socorro to return to southern Pasadena, Calif. to live near her two sons and their families, and an older sister, Catherine, Sallie’s only sibling. She’ll be two blocks from the Wrigley Mansion, now the headquarters for the annual Tournament of Roses Parade.

Sallie remembers her husband’s lectures to their sons about how he sold magazines on a bicycle to make spending money.

It was a good time to visit and talk about her life.

Sarah Gwendolyn Austin was born in Bay City, Mich., where her father had prospered in his business sufficiently to do what men in that part of the country have been doing for generations: he set his sights for the West.

Fate intervened in the form of a measles virus her father contracted. The illness postponed his own move, while his partner went on ahead. In time the Austins followed, but the delay had cost Sallie’s father his seniority.

John David Austin, however, was a born salesman, and soon was a successful insurance counselor for the various forms of coverage sold at the time.

Smith, meanwhile, was born in Omaha, Neb., and moved to southern California as a young child. He was intelligent and very athletic, but didn’t play sports until high school, because he had to work after school.

Sallie remembers her husband’s lectures to their sons about how he sold magazines on a bicycle to make spending money. Later, it came to pass that while the young Smith did have such a route, the job did not last as long as one might have expected from the tone of his story.

The story of When Clay Met Sallie has already been well documented, but begs to be repeated here. He was a student at California Institute of Technology, or Caltech; she was a co-ed at nearby Occidental College.

It was tradition that Occidental girls dated Caltech boys.

The two were on a triple date, with other partners, and Sallie remembered Smith’s date as “a real charming little girl” she tried to recruit into her own sorority at Occidental.
Caltech had no fraternities, only “houses” where a student could take a date to dinner.

One evening, the trio of couples piggybacked to a spring football game on the Caltech campus, where Smith so severely criticized every play, that at one point Sallie burst: “If you’re so good, why aren’t you out there playing?” she asked Smith. He turned to her coolly. “Madam, I wish I were,” he replied. In fact, Smith was the team’s starting quarterback, but was also on the track team, whose coach was saving him for the Drake relays the following day.

Miss Austin was accustomed to the company of star athletes, a genre she had dated since high school. Smith, it would seem, was unaccustomed to brash comments from attractive young women impervious to his athletic prowess, and was intrigued.

He called the next day for a date – to the beach (“and me with no bosom, and sensitive to the sun,” laughed Sallie). The two dated for several years, when Smith suggested that they marry during the summer of 1940 – the first summer he did not have to attend a geology field camp.

Sallie was working as a teacher in El Monte, Calif., where she had 104 elementary students divided between second and third grades. Works Progress Administration (WPA) programs saturated parts of California, an area also populated by migrant farm workers, which is why there were so many young children, she said.

Miss Austin gave notice to the school system, and on May 19, 1940, she and Mr. Smith married in a garden ceremony at Westminster Presbyterian Church, which boasted the longest aisle of any church in Pasadena.

The bride carried a bouquet featuring an orchid and a cascading arrangement of lily of the valley, entwined with a replica of a wedding ring. She had seven bridal attendants, only one of whom survives.

One of the bridesmaids was Sallie’s childhood friend, Clarita Heath Bright, who became a member of the first U.S. Women’s Olympic Team. Clarita competed in the 1936 Olympics at Garmisch and was inducted into the U.S. Ski Hall of Fame in 1968. A news clipping of Clarita’s Olympic achievement is included in the Smiths’ wedding memorabilia.

It may be time to debunk a myth about Sallie Smith. She did not wear white gloves to meetings of the New Mexico Tech Dames Club. “I owned gloves, but rarely wore them,” she said.

The Dames Club, comprised of the wives of faculty and students, met monthly, and members wore insignia pins. “I still have mine,” Sallie said. At each meeting, a different department chair would give a talk, or progress report, which is how the women kept up with campus news.

She doesn’t recall who organized the group, but suspects it may have been the late Louise Treseder, a tall, redheaded woman with a reputation for being well organized.

The image of white gloves persists, but not every member of the club reflected the perceived values of the post-war American wife. Sallie recalls a member who thought her marriage to a college professor would be so wonderful; when, in fact, she pronounced it the most boring thing that had ever happened to her, and eventually left the community.

It was the visionary president, E.J. Workman, who encouraged (it was his edict, said Sallie) faculty and their families to integrate themselves within the Socorro community.

And they did. Sallie was one of the early members of the Socorro Garden Club, an organizer of the popular Christmas Idea...
Show each November, and did all the mom things associated with raising two boys in a small town. During the more than 30 years Clay served as director of the state Science Fair, the Smith home was the unofficial gathering place for both the student exhibitors and their parents, particularly during the early years.

Smith was an avid golfer, and also refereed high school football and basketball games across the state. He was a dedicated official who once assessed a 15-yard penalty against his own son – which made for a lively discussion at dinner the following evening, as Sallie recalled.

Smith also was a charter member of the Socorro Lions Club, and a familiar face at club functions. He was known as a tough teacher who didn’t give grades – students had to earn them. Smith once famously commented that if students had “free time,” they weren’t studying hard enough.

“Some students truly disliked him because he made them work so hard,” said Sallie. And yet, years after they graduated, these same students brought their families to Socorro to meet Smith, recalling their college years as the best times of their lives.

It was Workman who recruited Smith for an open faculty post in engineering (yes, engineering), but it was the people of Socorro who ensured that he accepted the job on Valentine’s Day of 1947.

Coming from the fertile fields of southern California to vegetation-challenged Socorro was a culture shock to the couple, especially Sallie, who told her husband not to bother unpacking their belongings, because they weren’t staying.

But before that day was over, Sallie had collected a bounty of dinner invitations, enough to offset any doubt that the move to Socorro was fortuitous, indeed.

And so it was that Sallie, who had waited five years after her marriage to have children, settled comfortably into her new role as faculty wife, mother, gardener and hostess.

The several-course meals of the Gourmet Club are legendary, as members took turns hosting monthly dinners, with everyone preparing a prescribed dish according to the evening’s theme.

Sallie remains an active member of the American Association of University Women (AAUW), and was one of the early organizers of the annual Visitas de Navidad holiday tour of homes.

She also belongs to the P.E.O. Sisterhood, and will be moving to the Margarita Gardens, a P.E.O.-affiliated apartment complex in Pasadena, once her home on Vista Drive is sold.

However, she plans to return to Socorro on Oct. 14, when the Socorro Public Library will honor Sallie on the occasion of her 90th birthday.

We are sitting in the large entertainment room behind large windows that overlook the south end of the campus, reminiscing about bygone days and people. Once upon a time “the hill” was bustling with young families, and neighborhood potlucks were frequent.

Sallie is talking about marriage. When a woman gets married, her parents often silently worry, knowing that changes in her life – and his – are bound to occur. Same with sons,” she said.

She also recalled advice her own mother gave her when she married: Don’t neglect your husband amid the hubbub of raising children.

“Young women today think marriage means giving up a career,” said Sallie. “I think that’s wrong. You have to get a life of your own. You can still be a full-time mom and have a career.”

Valerie (Smallridge) Kimble (’01, B.S., Technical Communication) is a Socorro native who works for the NMT Office for Academic Affairs.
A New Mexico Tech alumnus has donated $100,000 to the university to establish the Pat Miller Investment Group, an on-campus investment club that will allow Tech students the opportunity to make real-world financial investments in hopes of developing a self-sustaining diversified portfolio of stocks, bonds, mutual funds, and money market securities.

M. Pat Miller, a 1961 graduate of New Mexico Tech, recently traveled across the country from his home in the Florida Keys to the research university’s campus in Socorro and met with Tech administrators and faculty to work out the specifics involved with setting up an ongoing investment club for interested students.

The Pat Miller Investment Group, named after its primary benefactor, will begin operating as a full-fledged student organization at New Mexico Tech as early as this coming fall semester, and will be administered through the university’s Department of Management.

“With his generosity and foresight, Mr. Miller has single-handedly created an enormous opportunity for New Mexico Tech students to gain first-hand experiences with investment strategies, which will allow them to better understand the mechanics of how investment strategies actually work,” said Peter Anselmo, associate professor of management and chairman of the management department at New Mexico Tech.

“This is practical knowledge gained that these students will be certain to use after they graduate from Tech,” Anselmo, who also serves as the new club’s faculty sponsor, added.

Membership in the Pat Miller Investment Group will be open to any student at New Mexico Tech, Anselmo said, but actual investing will be limited to students who have already taken and successfully completed an undergraduate course in either “Principles of Finance” or “Engineering Economics,” in order to ensure that they know the basics of financial investments.

The recently forged donation agreement between Miller and New Mexico Tech stipulates that annual earnings from the student-run investment account will be used to fund other activities within the university’s management department, such as setting up scholarships, equipment purchases, club promotions, social events, and reinvestments.

During his recent meeting with New Mexico Tech administrators, Miller stated that he wanted to provide current Tech students with opportunities to learn first-hand about financial investments, which is something he didn’t know about when he got out into the “real world.”

Miller, who graduated from New Mexico Tech with a bachelor of science in petroleum engineering, already supports an academic scholarship program at the university which is named in his honor.

In addition, Miller has also consented to revisit the New Mexico Tech campus at least once a year to talk to the members of the Pat Miller Investment Group.
Register now for the
Twelfth Annual
President’s Golf Tournament
Friday, September 15, 2006
8 am and 1:30 pm
at the
New Mexico Tech Golf Course, Socorro, NM

Proceeds from the New Mexico Tech President’s Golf Tournament benefit Tech students who are financially unable to continue or complete their education. In the twelve years since its inception, the President’s Tuition Assistance Scholarship Program has come to the aid of more than 100 students.

Contribution Levels
Contributors are welcome to attend the luncheon between the two flights at the Tech Golf Course's Hilton Pavilion.

**Regent’s Sponsor ($5,000 and up)**
- Entry fees for a four-person team
- Your company name prominently displayed on banner at the Tech Golf Pro Shop and at a tee box
- Special recognition and special gift

**President’s Amigo ($3,000)**
- Entry fees for a four-person team
- Your company name prominently displayed at the tee box
- Special recognition and special gift

**Team Sponsor ($1000)**
- Entry fees for a four-person team

**Hole Sponsor ($400)**
- Your company name displayed at a tee box

**Hole Co-sponsor ($200)**
- Your company name displayed at a tee box (two companies per sign)

**Single Golfer ($250)**
- Individual golfers assigned to a congenial team

**Donate Your Logo Items!**
- Now accepting donations of your logo items for the Golfer’s Goody Bag. Suggested items include tees, pencils, divot fixers, golf balls, etc.
12th Annual President’s Golf Tournament

This tournament fills up quickly. Entry is first-come, first-served!

Preferred Flight

☐ Morning Flight  ☐ Afternoon Flight

Entry confirmed upon receipt of payment.

Player 1: ________________________________
Address: ________________________________
City/State/ZIP: __________________________
Daytime Phone: __________________________
E-mail: _________________________________
Shirt: S ☐  M ☐  L ☐  XL ☐  XXL ☐
(Write M [Men’s], or W [Woman’s].)

Player 2: ________________________________
Address: ________________________________
City/State/ZIP: __________________________
Daytime Phone: __________________________
E-mail: _________________________________
Shirt: S ☐  M ☐  L ☐  XL ☐  XXL ☐
(Write M [Men’s], or W [Woman’s].)

Player 3: ________________________________
Address: ________________________________
City/State/ZIP: __________________________
Daytime Phone: __________________________
E-mail: _________________________________
Shirt: S ☐  M ☐  L ☐  XL ☐  XXL ☐
(Write M [Men’s], or W [Woman’s].)

Player 4: ________________________________
Address: ________________________________
City/State/ZIP: __________________________
Daytime Phone: __________________________
E-mail: _________________________________
Shirt: S ☐  M ☐  L ☐  XL ☐  XXL ☐
(Write M [Men’s], or W [Woman’s].)

Format:
Two flights (morning and afternoon); Four-person scramble

Teams:
Make your own team. If you wish, you can be assigned to a team that needs more players

Shotgun Starts at 8 am and 1:30 pm:
Registration for the morning flight will open at 7 am, and for the afternoon flight at 11 am.

Entry Fee:
$250 per player or $1000 per team. See reverse side of this form for additional sponsorship opportunities.

Your Entry Fee Includes:
• Breakfast at the Tech Golf Pro Shop
• Automatic entry into the Putting and Closest to the Pin contests
• Golfer’s goody bag
• Green fees, cart rentals, and refreshments
• Luncheon at the Tech Golf Course’s Hilton Pavilion
• Dinner at the President’s House

Count me in!
I’m contributing as:

company/team name: ________________________________

☐ Regent’s Sponsor (> $5,000) ___________
☐ President’s Amigo ($3,000) ___________
☐ Team Sponsor ($1000) ___________
☐ Hole Sponsor ($400) ___________
☐ Hole Co-sponsor ($200) ___________
☐ Golfer ($250 per person) ___________

GRAND TOTAL: ________________________________

Luncheon:
# of people attending Lunch: ______________

Method of payment:
☐ Credit Card
☐ Check

For your convenience, please register on our secure website, or call the tournament coordinator directly

Please return this form and your contribution to:
Advancement Office - New Mexico Tech
801 Leroy Place
Socorro, NM 87801

For More Information:
Check the Tournament webpage at:
http://externalweb.nmt.edu/pres_golf/

Or contact the Tournament Coordinator:
Carol Lynn Tiegs
Advancement Office -- New Mexico Tech
Phone: 505.835.5292 • Fax: 505.835.5825
E-mail: ctiegs@admin.nmt.edu

*Make checks payable to NMT Golf Tournament

Prizes awarded for each flight to:
• First four teams
• Putting Contest winner
• Closest to the Pin Contest winner
by George Zamora and Kathy Hedges

The year was 1889, and with a deadline of August 18 fast approaching, the citizens of Socorro needed to act. They needed a tract of land which could be deeded over to the Territory of New Mexico, as the location of the future School of Mines.

The 1889 territorial legislation known as the Rodey Act stipulated that land must be donated if a school of mines was to be built in Socorro.

The prospect of adding a college to what had, up till then, been a mining boom town, was too good to miss. A group of Socorro landowners banded together and legally conveyed to the territory a tract of 22-and-one-fifth acre, located about a mile from the historic plaza. The rest was history.

The land donors, who brought not only the School of Mines but also New Mexico Institute of Mining and Technology into existence, were Edward and Emma Hubbard, Juan Jose and Francisca Baca, Estevan and Catalina Baca, Severo and Josefina Baca, Jacob Naumer, Robert Collins, and Antonio Abeyta y Montoya.

A monument in honor of the donors was formally dedicated on the New Mexico Tech campus on Friday, May 12, 2006. The monument is located in front of Brown Hall, the main administration building, on Leroy Place, the main road in front of the Tech campus.

Numerous descendants of the university’s founders, as well as New Mexico Tech president Daniel H. López and members of the Board of Regents, participated in the official dedication of the four-foot-tall, brick-and-mortar monument. The monument’s facade is topped with a bronze plaque that commemorates the people who donated property that became the original site of the School of Mines in Socorro, which in 1951 was renamed the New Mexico Institute of Mining and Technology.

The 11 founding land donors of the university are listed on one of the plaques on the new monument, which is situated within the original site donated to establish the New Mexico School of Mines.
Calling All Alumni!

A CALENDAR of NEW MEXICO TECH AND SOCORRO EVENTS

Monday
August 21
Registration Day: For returning students who didn't register last spring. Fidel Center Grand Opening: Two weeks of fun, contests, and prizes! Get to know your new building!

Friday
August 25 – 26
New Mexico MESA Conference: schedule in planning. MESA is Mathematics, Engineering and Science Achievement, Inc. Contact: Allison Costello, 505.366.2560.

Friday
September 8
Chile Chase Golf Tournament: through September 9. NMT Golf Course. 505.835.5355. Bearfoot Bluegrass: 7:30 p.m., Macey Center. Part of Performing Arts Series. In conjunction with SocorroFest.

Saturday
September 9
SocorroFest: historic Plaza. Music, arts and crafts, food, beverages by local breweries.

Wednesday, September 20
Enchanted Skies Star Party: through Sept. 23. For amateur astronomers.

Thursday
September 21
Career Fair: An opportunity for Tech students and potential employers to meet! Sponsored by Career Services. Employers, to sign up, contact Chelsea Buffington, cbuffington@admin.nmt.edu

Friday
September 22
Presidential Chamber Music Series: :30 p.m., Macey Center. FREE. Part of Performing Arts Series. Sponsored by President Daniel López.

Friday
September 29
Shangri-la Chinese Acrobats: 7:30 p.m., Macey Center. Performing Arts Series.

Thursday
August 31
Socorro County Fair and Rodeo: through September 3

Thursday
September 7
Chile Chase Golf Tournament: NMT Golf Course. 505.835.5355.
Friday
October 6
Proud Parent Weekend: for parents of New Mexico Tech students. Through Oct. 7. Contact: Allison Costello, acostello@admin.nmt.edu

Saturday
October 7
Trinity Site Open House: Tour and Shuttle information: 505.479.6124, or 505.835.8927. See http://www.socorro-nm.com/trinity.htm
VLA Open House: all day, VLA site, about 50 miles west of Socorro. http://www.vla.nrao.edu/genpub/tours/
Chile Proppers Model Aircraft Fly
OctoberFest: Hammel Museum. Music, food, fun

Friday
October 20

Wednesday
November 15 - 20
Festival of the Cranes

Saturday
November 4
Exploration Day: for prospective students and families. See http://infohost.nmt.edu/mainpage/admission/exploration.html or call Admission at 1.800.428. TECH for details.

Saturday
November 17
Dervish: 7:30 p.m., Macey Center. Celtic music from Ireland. Performing Arts Series.

Monday
November 13
Presidential Chamber Music Series: 7:30 p.m., Macey Center. FREE. Part of Performing Arts Series. Sponsored by President Daniel López.

November 13-18
International Education Week. This fall’s “world bazaar” at New Mexico Tech brings the exotic sights, melodious sounds, and tantalizing fragrances of faraway countries to Socorro. For more information Contact Brandon Samter 505.835.5022.

Sunday
November 25:
Socorro Balloon Rally Candy Cane Electric Light Parade: after sunset, California Street.

Friday
December 1 — 3

Friday
December 8
Luminarias on the Plaza Arts Crawl

Saturday
December 9
Madrigal Feast: Macey Center
Tech alumni who remember Cramer Hall as a classic Mission-style building flanked by two incongruous 70s-style wings will be surprised at the new appearance of the building.

To the north and south of the classic part of Cramer Hall stand two copies, each set at right angles to the original building. If you face Cramer from the north, east, or south, you can enter through an identical arched doorway, into a cool hall trimmed in dark wood and illuminated by 30s-style lighting fixtures. Cramer Hall has been cloned.

According to Mike Hill, the architect for the new building, who works for the company Van Gilbert Architects PC, “Originally, the plan was to simply renovate the inside of the existing building, including the wings built in the 1970s. However, as planning continued, it became evident that Tech would get more high-quality space by removing the additions rather than by re-doing them.” Hill devised an elegant solution to the problem.

He made copies of the original building and placed them on the north and south sides, at right angles to the original. The resulting Cramer is a much larger, revitalized Mission-styled building, totally in keeping with the original and also with the rest of the historic quadrangle at Tech.

There is also an added section in the back of Cramer that reproduces the building’s distinctive roofline and large, bright windows with arched tops. In all, the new wings bring the square footage of the original building (a mere 8,850 sq. ft.) up to a spacious 34,500 sq. ft. But it’s on the inside that Cramer Hall really shines.

“The contractor, Bradbury Stamm, was really good about working with us,” said Glenda Chavez, project manager for Tech’s Facilities Management. “We had lots of communication with the departments that are going to be in the building about what they wanted and how it should be designed.”

The building was designed with the departments of Computer Science and Psychology, and the Distance Education Program in mind.

“The Computer Science Department has their own server rooms,”
Hill said, “with lots of Internet and electronic connections. It has a number of classrooms and meeting areas, as well as office space. Distance Ed has two studio spaces in which they can videotape and transmit classes.” According to Dr. Iver Davidson, director of Distance Education, “The contractor was good in allowing us to transform a large storage room across the hallway from the new EODI offices into another office, this one for MST Coordinator George Becker, thereby helping us compensate for growth that has occurred in EODI since the original building plans were drawn up.” Davidson added, “We appreciate very much our beautiful new facilities, which allow EODI staff to work closely together. We can also expand delivery of distance courses with use of a seminar room (shared with the Psychology Department) directly across from the EODI offices.”

There’s a reason Weir and Cramer look alike: “The original plan,” says Hill, “was to remodel both buildings simultaneously.” That plan meant that many offices and classrooms would have to be displaced at the same time. Instead, the decision was made to renovate one building at a time. “The renovation of Cramer Hall is a tremendous opportunity for our traditional academic programs to be housed in a facility that offers such quality classroom space,” said Dr. Peter F. Gerity, Vice President for Academic Affairs. “We’re also very excited about the high-quality course production and delivery facilities provided for Distance Education students, which has become a critical element of New Mexico Tech’s academic programs.” Gerity said. In noting the similarities between Weir and Cramer Halls, Gerity said the architectural design and interior style will continue a legacy of “high-quality space and traditional appearance, which adds so much to the quality of our campus.”

Departments are moving into Cramer Hall during the summer, and classes will be held there beginning with the Fall 2006 semester.
1970s

Joe Kmeck (72, BS, geology) writes, “Pioneer Natural Resources transferred me from Irving, Texas, to Denver, Colo., in March 2006. I had been working Gulf of Mexico exploration and am now working exploration and unconventional resource development in the Uinta/Piceance Basin.”

Kenneth Meaders (74, BS, math) writes “After being in Nevada and California for five years each, my wife Linda and I moved back to New Mexico, where I took a computer job in Santa Fe. Happy to be back home! Fellow alumni might remember Linda as the secretary for Geology and Geoscience and for Science Fair while I was a student.”

1980s

S. Luke Jones (84, BS, computer science) received his Master of Divinity degree from Princeton Theological Seminary on Saturday, May 13, 2006. The Master of Divinity is a three-year graduate degree that is the basic professional degree for ministry.

John Hingtgen (85, BS, geology) writes, “After doing an M.S. at the University of Wisconsin specializing in wind energy generation, I took a position with the California Energy Commission working in the Renewables Office. My work there focuses on programs to develop large renewable energy generation in California and neighboring states that are connected through the regional power grid.

“I enjoy different types of folk and social dances in my free time, such as Scandinavian folk, Scottish country, and contra dance. On weekends, I like to explore the Sierra Nevada and Northern California.

“People can reach me at: jhingtge@energy.state.ca.us.”

1990s

Garret Ross (90, BS, geological engr.; 92, MS, mineral engr.) and Gina (Age) Ross (9, BS, mining engr.) have a new baby girl as of February 2006. The proud dad writes, “Maggie Louise Ross is a beautiful healthy girl who loves attention, particularly after 11 p.m. Her brother Malcolm, who is now almost six, has quickly adapted to no longer being the only child.

“Life is good! Other news is that I have set a new personal record for staying put with one employer, after spending better than four years with the U.S. Bureau of Reclamation in people you know

ExxonMobil Corporation.

“My daughter Ashlee, who was born in Socorro and is now graduating from Temple University, joined me in June 2006 for a pilgrimage back to campus and her birthplace. She selected this trip as her graduation present. We toured campus, hiked around Water Canyon, and ate a burger at the Owl Bar. Friends can e-mail me at gregsadowski@yahoo.com.”

Marty Lee
Administrative Manager
5401 Cameron Street
Lafayette, LA 70506
337-264-1940 office
337-264-1949 fax
martylee562003@yahoo.com
Albuquerque. This seems to have paid off with a recent promotion to Chief, Water Operations Group over the Pecos and Upper Rio Grande Basins.”

Craig Corey (92, BS, environmental engr.) has joined Kleinfelder, Inc., as business development manager of their New Mexico operations. Prior to joining Kleinfelder, Corey worked for an international environmental services and chemical logistics company. He has focused his energies on new business development and customer relation management activities. Corey holds a bachelor’s of business administration from the University of New Mexico. He is also a Certified Hazardous Materials Manager (master’s level).

Jim Bibb (93, BGS) is running for Attorney General of New Mexico. He received a degree in law from the University of New Mexico in 1996. Since then, he has been an asst. district attorney in Las Vegas, N.M.; an FBI agent; a lawyer in private practice in Santa Fe; an assistant U.S. attorney for the district of New Mexico, prosecuting federal crimes; and a team leader for the New Mexico National Guard in Afghanistan, providing medical helicopter evacuations.

Dr. Nik Chawla (93, BS, materials engr.) writes, “I was recently promoted to full professor of Materials Engineering at Arizona State University, where I’ve been for the past 6.5 years. My wife Anita and I are expecting our first child in early August. If anyone wishes to get in touch, my e-mail address is nchawla@asu.edu.

2000s

J.J. McGlasson (00, BS, petr. engr.) writes, “After working as a field engineer and district engineer with BJ Services for five years, I have moved on as a consultant with Ely & Associates of Houston. I still live in Roswell and work in the Permian Basin and Panhandle of Texas. “My wife, Krista, and my daughter, Amanda, are doing great. Amanda just finished kindergarten. Their class motto was “Kindergarten is a zoo!” And it was. Krista is working as a veterinary technician with a startup animal health center in Roswell. We both miss El Camino but will make it up there someday.”

Lisa Peterson (04, BS, chemistry) and Jonathan Hudson (02, BGS) were married on July 9, 2005, in Los Alamos. They live in Pullman, Wash.

Stephanie Smith (04, BS, materials engr.) and Donald Wenner (04, BS, chemistry) were married on June 24, 2006, in Tucson, Ariz. Stephanie is currently working for the U.S. Navy and Donald is a medical student at the University of New Mexico.

Joshua Link (05, BS, information technology) and Jon Hill (attended early 2000s) have moved their company, iniCom Networks, Inc., from Socorro to Albuquerque. They specialize in providing forensic work to legal firms.
The Office for Advancement has undergone a number of changes in recent times, including a move to new quarters in Fidel Center. We’re very pleased with our spacious and sunny new digs, and we invite you to visit us next time you’re in Socorro. We’re on the second floor of Fidel, exactly cattycorner to the grand entrance lobby. If you have mobility problems, call us before you come at 505-835-555, and we’ll tell you the easy way to reach our office.

Cheryl R. Pulaski, Director for Advancement
Cheryl comes to us with a wealth of experience in development, grant writing, and donor relations. She comes from the University of New Mexico – Valencia Campus, where she has been the primary fundraiser for the past five years. Her experience includes a broad background in fundraising, special events planning, and donor recognition, as well as previously conducting research in immunology and molecular biology at the University of New Mexico – Albuquerque Campus and Brown University. She is a graduate of the University of Connecticut. Already she is hard at work securing grants for New Mexico Tech and planning innovations in alumni relations.

Carol Lynn Tiegs, Marketing and Events Coordinator
Carol Lynn’s broad career covers most aspects of marketing and communications, including developing comprehensive media relations, community relations and customer services plans for Kaiser Permanente’s Colorado region. She has served as a national business editor, and run a marketing communications firm in Colorado and California’s Silicon Valley. She holds master’s degrees in Journalism and in German Studies from the University of Colorado at Boulder, where she served on the faculty and in University Communications. Working with a campus-wide Marketing Committee, Carol Lynn is developing a long-term marketing plan for New Mexico Tech.

Edie Steinhoff, Graphic Designer
Edie joined our staff in 2000, having worked in commercial graphic design for many years. She received her degree from Texas Woman's College and is currently earning a master’s degree in marketing from American InterContinental University. Shortly, she will also be a Tech alumna – she’s planning to complete a Bachelor of General Studies this year. Edie has designed promotional materials, Admission Office publications, posters, departmental brochures, and annual reports. She is also an award-winning designer of gingerbread houses.

George Zamora, Newswriter
George Zamora has been a newswriter at New Mexico Tech since 1987. He produces press releases on just about everything the university does. He is also a dab hand at editing. He is a native of Socorro and a graduate of the University of New Mexico.

Kathy Hedges, Writer
Kathy Hedges graduated from Cornell University and escaped careers as an astrophysicist and a lawyer by the skin of her teeth. She has been a Jill-of-all-trades at New Mexico Tech since 1985, having written press releases, edited many in-house publications (Admission publications, annual reports and strategic plan documents), promoted the Performing Arts Series, done a stint at webmastering, wrangled parades, decorated for Tech holiday parties, and, oh yeah, written, edited, and (sometimes) done layout of Gold Pan for over two decades. She brings you the People You Know column and feels like she knows a lot of you personally.

Jeanette Chavez, Administrative Assistant
When you call our office to ask a question or change your address listing, the gentle voice you hear on the line is Jeanette Chavez. Jeanette has been our secretary for over 20 years, before which she worked at the Bureau of Mines.

Our phone number is still 505-835-5525; our address is still Advancement Office, New Mexico Tech, 801 Leroy Place, Socorro, N.M. 87801.
For full obituaries, please see http://infohost.nmt.edu/mainpage/obituaries/2006.html.

Jean E. Burand, age 88, passed away on Sept. 6, 2005. She and her late husband Willow Burand (53, BS, mining engineering) were longtime supporters of the New Mexico School of Mines.

Clay P. Castleton, a 2000 alumnus of New Mexico Tech with a degree in computer science, died on April 20, 2006, of injuries sustained in a single-car rollover accident. Clay was the Head of the Information and Technology Operation Branch at EMRTC, managing the network infrastructures of EMRTC, METTOP, IERA, Playas Training Center and assisting other departments with their computer and networking needs.

Jean Mullins Macey, age 84, longtime supporter of New Mexico Tech, died on February 19, 2006 in the Renaissance Center at Sunrise Assisted Living of Albuquerque. She is survived by her husband of 60 years, William B. Macey, a member of the Class of 1942. The Maceys resided in Albuquerque, N.M. and Tucson, Ariz. Jean was a graduate of Santa Fe High School; Stephens College in Columbia, Mo., and the University of New Mexico. She was a recipient of numerous awards for her outstanding service to UNM. Jean will be remembered by her many friends, the love of friends and family and for her wonderful sense of humor.

John T. Mullany, a 1934 graduate of the New Mexico School of Mines, passed away on Sunday, April 16, 2006.

Philip Poirier passed away on Sept. 15, 2005, at the age of 55, of a sepsis infection, following surgery on an aneurysm in his leg. Philpo was an iconic presence on the Tech campus in the late 1970s and early 1980s, receiving a BGS degree in 1980 and a bachelor of metallurgical engineering in 1986. He had been working in the mining industry in Chile for the past 17 years.

Thames “Tim” Wedgewood, age 42, passed away on June 2, 2006, after a valiant battle with lung cancer. Thames was a talented artist and musician who was known to many at New Mexico Tech and in Socorro as Tech’s graphic artist from 1995 to 2000 and musician with the band Vinegaroon for many years.

In lieu of flowers, donations are requested to either of these two memorial funds: NM Tech Performing Arts Series Thames H. Wedgewood Endowment, c/o Ronna Kalish, Performing Arts Series Director, New Mexico Tech, Socorro, NM, 87801; or Explora Science Center Thames H. Wedgewood Memorial Endowment, c/o Paul Tatter, Director, ESC, 1701 Mountain Rd. NW Albuquerque, NM, 87104.
Edwina Gutierrez, a graduate of Robertson High School in Las Vegas, New Mexico and a current full-time student at New Mexico Tech, is currently participating in the Research Experiences for Undergraduates (REU), a National Science Foundation (NSF) funded program, at the state-supported science and research university in Socorro.

Gutierrez, a junior in the university’s biology program, has been working with Tech biology professor Snezna Rogelj, in measuring the effects of certain nanoparticles on living cells.

“Nanoparticles, like titanium dioxide, are found in things like sunscreen and toothpaste,” Gutierrez states. “There has been little to no research on their effects at the cellular level, and we need to know what they do to our bodies.”

Gutierrez, along with her REU team members Mary Spulak and Felicia Navarro, is using various biochemical assay techniques to measure the effects nanoparticles have on cells. The team is determining the number of live cells, the redox status, and the rate of programmed cell death in the nanoparticle-exposed cells.

“This is my first real research project in the field,” Gutierrez says. “It is really helping me get an idea of what I need to be learning in order to be successful in the future.”

Although Gutierrez says she enjoys working in the laboratory, she concedes she would rather work with marine animals.

“There is a marine biology program in Bermuda next summer, and I would really like to attend it,” she relates.

In addition to her research in the laboratory and studies at New Mexico Tech, Gutierrez is an active member of Tri Beta, a national honor society for biology students.

“Other than that, I’m just concentrating on school,” she states.

The NSF’s prestigious REU program allows selected undergraduates to gain valuable experience performing research in their particular field of study. The program pays for the cost of travel and all housing needs, as well as a payment stipend on a salary-type basis for participating undergraduates.
Bearfoot Bluegrass
Friday, September 8  $14/12/10
Fast-rising, young Alaska-based acoustic band features powerful, emotive vocals, moving arrangements, and instrumental excellence.

Shangri-la Chinese Acrobats
Friday, September 29  $16/14/12
Dazzling acrobatics, formidable feats of daring and balance, explosive Kung Fu, brilliant costumes, and a touch of Chinese comedy.

The Lovell Sisters
Friday, October 13  $12/10/8
Five-piece band features tight harmonies and a fusion of country, folk, and contemporary acoustic.

Dervish
Friday, November 17  $14/12/10
High-energy jigs and reels and charming lyrics of life and love by one of Ireland’s “most compelling, soulful, traditional bands.”

Viver Brasil
Friday, February 2  $14/12/10
Riveting and passionate Brazilian dance and music—a fusion of ancient and contemporary artforms. Breathtaking and colorful!

Imani Winds
Tuesday, February 27  $14/12/10
Expanding the boundaries of the traditional wind quintet and exploring the links between European, African and American music.

Viva Nuevo México
Friday, March 23  $14/12/10
A showcase of New Mexico’s rich cultural music and dance history. Aztec dancers, flutes, ballet folklorico, mariachi, flamenco, cowboy and more.

Niyaz
Saturday, April 21  $14/12/10
Ethereal vocals and a fusion of Iranian, Pakistani, Indian, and Kurdish music with modern electronica. Hypnotic and ecstatic.

Arlo Guthrie
Tuesday, May 1  $16/14/12
Son of legendary folk singer Woody Guthrie, Arlo’s own legendary folk songs are steeped in American tradition and lore.