

GOLD PAN

New Mexico Tech

Summer 2004



Commencement 2004

See pages 4 - 6 and centerfold for story and photos



Introducing Melissa Jaramillo-Fleming, Asst. Vice-President of Student and University Relations



Many alumni already know Melissa Jaramillo-Fleming from the many roles she has held at New Mexico Tech over the years, first, in the Admission Office and more recently, at Student Affairs. Melissa is adding a new role to her repertoire: that of head of Advancement. She now supervises three offices — Admission, Student Affairs, and Advancement — as assistant vice president for Student and University Relations.

Melissa is a native of the area, having grown up in Veguita, a small town about 30 miles north of Socorro. She attended Belen High School and then Eastern New Mexico University, where she graduated in 1987. After graduation, she stayed at Eastern to become associate director of admission. Based on that experience, she came to Tech in

1989 as assistant director of admission.

“When I started recruiting for New Mexico Tech,” she recalls, “I was pleasantly surprised to discover how many people knew what a prestigious school we were. I felt like I was representing a good program.”

Melissa enjoyed the travel that was a big part of her job, but forces were conspiring to keep her closer to Socorro. In 1998, she was made Director of Admission. In 2000, the Student Affairs Office was established, combining Admission, Career Services, Counseling, International Programs, Minority Programs, and Student Health. Melissa, as Director of Student Affairs, oversaw all of this.

“This gave me a different perspective on Tech,” Melissa explains. “In Admission, we were responsible for bringing in a new class, but now I was involved with the bigger picture of providing better student services and improving retention.”

Around 1999, the Admission Office also took on the task of organizing Orientation, which is now two sessions, each two days in length, one in June and one in August. This enabled students with summer jobs or vacation plans to choose one to suit their schedule.

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FROM THE EDITOR



From the Editor:

First of all, I'd like to thank Bill Macey (42, BS, petr. engr.) for enabling us to add color sections to *Gold Pan*. For years, we've been bringing you a newsletter printed within the restraints of our budget, and thanks to Bill, we have been able to add glossy color pages to this newsletter.

Thank you, Bill Macey!

Our current plan is to print this new, upgraded *Gold Pan* twice a year: once in summer and once in winter. Your contributions to the Annual Fund can also help us produce a better *Gold Pan*. see page 4, where Rose Baca explains why.

Eclipse Trip to Turkey: Any takers?

Some years ago, the Alumni Office sponsored several group trips for Tech Alumni. The staffers involved in that have

moved on, but I think it's time to revive the idea.

On March 29, 2006, there will be a total eclipse of the sun. The eclipse path passes through Turkey, among other places, with totality lasting over three minutes. Turkey is a land rich in history, archeology, and culture: it's got everything from ancient Troy to Greek ruins to modern Istanbul.

I would like to hear from alumni who might be interested in a tour of Turkey, including the eclipse. The eclipse is slightly under two years away, and this is an ideal time to start planning. The actual time spent in Turkey would be at least two weeks, probably with options to add on extra travel for those so inclined.

For me to even start planning things like itinerary and cost, I would need to know how many people were likely to be interested. If it is only a few, we might be able to join on with another tour group. If it is a large enough group, we may be able to constitute our own tour group.

The actual tour planning would be done by a professional travel

company, possibly by one specializing in eclipse tours. Since most Techies have a scientific background, I would look into getting a tour that emphasizes the scientific aspects of both the astronomical and archaeological sides of the trip. Perhaps even some of our alumni in Turkey will join us!

Contacting me to indicate your interest does not mean you are obligated to go. Obviously, I cannot know things like costs and precise itineraries until I can give a travel agent an idea of how many people are interested. And you can't commit to the trip until you know this information!

If you are interested, please contact me, either by calling 1-505-835-5618 or emailing khedges@admin.nmt.edu. Please let me know how many people would be in your party, and be sure to tell me how to contact you. I will probably set up an email list to keep interested parties informed of the progress.

Hope to hear from you soon!

Kathy Hedges

Gold Pan editor

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New MexicoTech is an equal opportunity/affirmative action institution.

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New Mexico Tech Alumni Association

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Past President: Joy Thompson (95, BGS)

President-elect: Gaylyn Yanke (97, BS, business administration)

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"The people in Admission were the best people to handle Orientation," says Melissa, "because we knew the students and could direct them to the right Tech staffers to answer their questions. This is Admission's fifth year of running Orientation." All of Student Affairs, plus the Registrar's Office, Financial Aid, and Residential Life, are involved in welcoming new students and making them feel at home.

As head of Student Affairs, Melissa also helped bring about some other changes.

"The Student Health Center was open before I became head of Student Affairs, but I was involved in making it a full-time facility," recounts Melissa. "We hired a full-time nurse practitioner and a nurse technician, and now we're on our own as a full-fledged health center."

She also encouraged the implementation of a second Career Day. There is now one early in the fall semester, for December graduates, and one in January for May graduates.

Now Melissa is adding the Advancement Office to her list.

"I think I've always been a PR person," she says, "but now I'm directly involved with marketing efforts. I'm learning a lot about development as well."

As for the future, Melissa says, "We're looking for more ways that alumni can participate in Tech events. It's hard for many

FROM THE ALUMNI ASSOCIATION



**Rose Baca, (97, BS, technical communication)
Alumni Relations Coordinator**

First of all, I'd like to invite alumni who live in and around Albuquerque to visit New Mexico Tech's booth at two prominent events: Summerfest on July 17, and the New Mexico State Fair. We'll have free giveaways for alumni, a chance to submit your news to *Gold Pan*, and information on Tech, if you know anyone who's shopping for college.

alumni to travel to Socorro, so we are thinking of connecting alumni gatherings with events like Summerfest in Albuquerque and the Whole Enchilada Fiesta in Las Cruces. Look for an alumni booth at those events! We're also going to continue our presence at the State Fair, so look for our booth in the Lujan Building."

Summerfest is on the Albuquerque Civic Plaza from 6 to 10:30 p.m. on Saturday nights. We've chosen to be at International Night, featuring singer Lila Downs. Downs appeared here in Socorro within the past year, as part of our Performing Arts Series. She's a dynamic performer who combines Mixtec-Indian heritage from her mother with American heritage from her father in a style all her own. She performs her own compositions and also taps into the vast reservoir of native mesoamerican music, by singing songs in the Indian languages of Mexico such as Mixtec, Zapotec, Maya and Nahuatl.

During State Fair, we'll again have a booth in the Manuel Lujan Building, as we have for the past several years. Many of you have dropped by to say "hi" to us, tell us how you are doing, and get a young relative signed up for our mailings. We always enjoy seeing you!

I'd also like to take this opportunity to remind you about the Annual Fund. You've probably already received a mailing about this. Remember, YOU are our most valuable asset.

The Alumni Association does not receive state funding. Funding for activities and alumni projects depend solely on your contributions. Among other things, your contribution goes to support printing costs of the improved version of *Gold Pan*.

In addition, your gift is a

cont. on p. 21

Commencement 2004

(Photos on pages 12, 13.)

As a measure of the increasing size and importance of the graduate program at New Mexico Tech, the university presented a record 108 master's degrees at commencement ceremonies on May 15. A total of 307 degrees were awarded.

The Distinguished Teaching Award of 2004 was presented to **Dr. Robert Cormack**, professor of psychology. Cormack is known to generations of Tech students as an enthralling teacher and caring advisor. He joined New Mexico Tech in 1968 and has been chair of the psychology and education departments since 1971. He served for seven years as Dean of Students and one year as Acting Dean of Graduate Students.

Cormack has taught courses in computer science, biology, and humanities, as well as presenting the semiannual "How to Study" seminars. His popular-level talk on Visual Illusions has amazed students and potential students countless times.

In addition, Cormack has been actively involved in many of Tech's Spring Musicals over the years, both as a performer and several times as stage director.

One student commented, "Dr. Cormack asks his students questions in a way that demands critical thinking and problem solving. His in-class style invites participation, keeps his students

on their toes, and teases the interest of his audience."

That student added, "Outside the classroom, Dr. Cormack is the advisor that every student needs. I suspect he may actually live in his office, because I have never had to ask when his office hours were."

Another student added, "Dr. Cormack is very caring when it comes to students' welfare. If a student has a problem, be it personal or academic, Dr. Cormack is always available to listen and to offer the best advice he can. The student can count on it coming straight from the shoulder and hitting the target accurately. Students who follow his advice invariably find themselves in a better position than before they asked for it."

As one of his students summarized, "Dr. Cormack challenges and encourages each student to strive for excellence whether it is in the classroom or off campus. His intellect, wit, and easygoing manner make learning in his classroom an experience not to be forgotten."

Dr. Jill Buckley was named Distinguished Researcher of 2004. Buckley, who earned her master's degree in chemistry at New Mexico Tech in 1979, is a senior scientist at New Mexico Tech's Petroleum Recovery Research Center, where she heads the Petrophysics and Surface Chemistry Group. She

has gained international recognition as a leading authority in oilfield wettability research and has authored or co-authored close to 40 publications in referred journals on these subjects. Having come into the field of petroleum engineering with a strong background in chemistry, she developed unique insights into the complex interactions between crude oil, rock, and salt water. In addition, she and her research group have developed detailed characterizations of more than 200 oil samples from around the world.

In addition, Buckley holds adjunct appointments in three departments: Petroleum and Chemical Engineering, Chemistry, and Earth and Environmental Science, giving her what is possibly the longest job title of anyone on campus. She is an excellent teacher and advisor of graduate students, and she employs several undergraduates in her work.

Buckley was the recipient of the 2002 Society of Core Analysts Technical Achievement Award, the organization's highest honor and only award for technical achievement. She is a co-founder, along with Norman Morrow, a previous winner of this award, of a highly successful biannual conference series on reservoir wettability.

The New Mexico Tech Alumni Association presented awards to two alumni from Socorro. The first went to **Don Tripp**, a 1969 graduate with a bachelor's degree

in history and a successful Socorro businessman and politician. From 1969 to 1975, he owned Tripp Wholesale Jewelers, which has grown into the present-day Tripp's Inc., a manufacturer of gold jewelry parts, serving customers worldwide. In 1985, he began self-storage companies in Socorro and Silver City. Building on that success, in 1989, he opened a contracting company for self-storage construction. Tripp has also expanded into the farming business with farms south of Socorro. He was the recipient of the Governor's Viva Award for Business Excellence in 1993.

In 1998, Tripp was elected as the State Representative for District 49 (Socorro, Catron, and Valencia counties). He is also on the Board of Directors of State National Bank and is a former director of the Association of Commerce and Industry. Don is a former Regent of Western New Mexico University in Silver City, and a former director of the New Mexico Educational Assistance Foundation. Don also served as the New Mexico Economic Development Commissioner for District 7.

The other Alumni Achievement Award went to **Leyla Sedillo**, a 1973 graduate. She has a long record of public service and business success in Socorro. Sedillo served as the first woman county commissioner for Socorro County from 1976 to 1980 and as Socorro County Treasurer from 1989 to 1990. She has been an employee of New Mexico Tech

since 1991 and was recently promoted to Associate Vice President for Budget. Sedillo has served on the Socorro General Hospital Board for eight years and was appointed by three different governors to the Commission for the Status of Women.

Alexander Rand was named recipient of the Brown Award, for the undergraduate excelling in scholarship, conduct, and leadership. Rand earned two bachelor's degrees, in mathematics and computer science, with a perfect 4.0 average. He came to Tech from Los Alamos High School, and he will be going on for a Ph.D. in applied mathematics at Carnegie-Mellon University. He was named a 2003 Macey Scholar.

Earlier this year, in the William Lowell Putnam competition, Rand not only helped his team from New Mexico Tech place highly, but he also personally scored in the top 200, against over 3,600 competitors, many of them the top mathematical students in the country. He had been scoring highly in the Putnam Competition since 2001.

Rand was also a key factor in helping the student chapter of the Association for Computing Machinery score highly in the Rocky Mountain Regional Computer Programming Contest. Most recently, he led a team which received an honorable mention in the annual competition sponsored by the Consortium for Mathematics and Its Applications. Thus, Rand has

done well in contests in pure math, applied math, and computer science.

This past summer, Rand was an intern with the National Science Foundation's prestigious Research for Undergraduates program, during which he developed mathematical models for population dynamics. Additionally, he has been generous with his time as an instructor, grader, and tutor for the mathematics department. Rand is the son of Greg and Christine Rand of Los Alamos.

Dayle Kerr of Los Lunas was named recipient of the Cramer Award for woman engineering student with the highest grade point average. She received a chemical engineering degree with highest honors. Since May 2000, she has conducted an internship with Sandia National Laboratories, focusing on trace detection of explosives using traditional systems such as high-performance liquid and gas chromatographs. She is also an active member of Tau Beta Pi.

Kerr is a 2000 graduate of Los Lunas High School, where she was a competitive barrel racer and breakaway roper. She is the daughter of George and Vicki Parker of Los Lunas.

Samuel Clark of Roswell received the Cramer Award for male engineering student with the highest grade point average. He earned a bachelor's degree in chemical engineering with highest honors. Clark is a 1999 graduate of Goddard High School in

Roswell. He is the son of Samuel Clark of Albuquerque and Sherry Clark Robertson of Roswell.

Clark held internships with Intel for the past two summers, and he was a member of the New Mexico Tech student team that, in the summer of 2001, flew an experiment aboard NASA's KC-135A aircraft, better known as the Vomit Comet. He also teaches a programming lab and a computer-aided drafting class for his fellow students. In his spare time, he plays cello in the Tech orchestra.

The Founder's Award for the top graduate student went to **David Wilson**, who also graduated with a Ph.D. in geophysics. Wilson earned his bachelor's and master's degrees at Indiana University and then worked in the petroleum industry for a few years before returning to college.

Wilson's work experience gave him some unique insights into seismology, which he applied to earthquake signals he meticulously gathered from around the world. His seismic images show for the first time the nature of certain deep earth processes that underlie the Rio Grande Rift, which transects New Mexico. His work has been highlighted in a keynote presentation he delivered at the Seismological Society of America annual meeting.

According to Professor Rick Aster, "Dave is not just a computer lab wizard. In collecting this data, he drove tens of thousands of miles across four

states digging holes, installing seismometers, and erecting fences to protect sensitive equipment from ornery cattle."

Aster added, "Around the department, Dave has distinguished himself by his quiet capability and his incessantly positive and focused approach to his work. Other graduate students have come to know him as the 'go-to' guy who provides them with invaluable assistance and inspiration."

The Langmuir Award for an outstanding scientific research paper by a student or recent graduate of New Mexico Tech went to **Dr. Michelle Walvoord**, (98, MS, hydrology; 02, Ph.D., hydrology). She was honored for a paper that appeared in *Science* in 2003, called "A reservoir of nitrate beneath desert soils." Walvoord, working with hydrology professor Dr. Fred Phillips and other colleagues, found unexpectedly large concentrations of nitrate in desert subsoils.

This meant that, contrary to conventional wisdom, small amounts of naturally occurring nitrate appear to have been leaching from soil layers and accumulating for thousands of years in the vadose zone of arid regions. Scientists are concerned because high concentrations of nitrate can cause human health problems. Events such as irrigating desert soils, a shift to a wetter climate, disposal of liquid wastes, or construction of dams could release large quantities of nitrate to ground water, which in

turn could potentially threaten drinking-water supplies.

On the other side of the coin, this deep reservoir of bioavailable nitrogen could prove a potential bonanza for the world's deserts, which have long been thought to be notoriously lacking in nitrogen, an essential nutrient. There has been speculation as to whether the pool of nitrate could help explain why deep-rooted woody plants have invaded the Southwest over the past century or so.

Walvoord's work has attracted enormous attention. It is mentioned on a variety of science news and views sites, including ones at USGS, NASA, LANL, and the Center for the Study of Carbon Dioxide and Global Change.

Walvoord is now a National Research Council Post Doc with U.S. Geologic Survey Research Office in Denver. She has a prestigious Mendenhall Fellowship with the USGS.

From the Alumni Cookbook

Guacamole Salad

by Anna Gallegos

4 soft avocados

1 3 1/2 oz. can green chile

2 tablespoon lemon juice

1 tsp. garlic powder

3 hard boiled eggs

Salt to taste

1. Skin avocados and mash them.

2. Shell eggs.

3. Chop chile and eggs.

4. Combine chile, eggs and remaining ingredients.

5. Serve with crisp tostadas.

Serves 6

Marvin Wilkening Award

In the last *Gold Pan*, we erroneously reported that the Marvin Wilkening Award was funded by the Physics Department. It was actually funded by Larry Boucher (68, BS, physics; 81, MS, physics), and we apologize to Larry for leaving him out of our write-up.

The fund provides a technical tool kit to a top graduate student or undergraduate with hands-on experience with experimental physics. Larry says he got the idea for this unusual award in 1987, when he was attempting to work at home with random collection of tools and recalled his student days, when he often found himself working with tools that had been acquired as surplus from Sandia National Laboratories.

“I thought a deserving graduate student ought to have better tools,” Larry recalls. “I contacted my former professor, Charles B. Moore, who agreed such an award would be appropriate. We named the award for Marvin Wilkening, who always stuck up for me when I was in graduate school.”

“Each year, the Physics Department picks the recipient,” continues Boucher. “For the first few years, I funded it, and eventually I set up an endowment so it is self-funded each year.”

Boucher now works for Lockheed-Martin in San Jose, Calif., as program manager for a



Marvin Wilkening Faculty Chair in Physics

As of June 4, 2004, nearly \$74,000 had been received for the Marvin Wilkening Faculty Chair in Physics. Many thanks to the following contributors. (This list is accurate as of June 4, 2004. If you gave after that, we will acknowledge you in a future issue.)

William Abbott
Jerry A. Armijo
Darl L. Beckham
Frank D. Carsey
Michael A. Clevenger
Stirling A. Colgate
Daniel L. Dunbar
James T. Felthouser
Kevin R. Healy

Betty Houston
Elizabeth M. Kanne
Ted Kase
Young C. Kim
Michael A. Kowalski
Gilbert C. Lang
Odell E. L'Heureux
Dyer M. Lytle
Ray G. Miller
John L. Orman

satellite communications project. While he now leaves the tool-handling to skilled technicians, he is still pleased to be able to help deserving Tech students.

“The award is for the guys and gals who like to get down to nuts and bolts,” he says.

Daniel J. Osetek
Scott A. Sandford
Anne Sullivan
Donald D. Thayer
David K. Warner
Lester C. Welch
Thomas E. Wellems
Laurel L. Wilkening
Theron H. Young

President's Club Holds Annual Dinner

(Photos, p. 10.)

"Raising the Bar" was the theme for the annual President's Club dinner on April 24. The dinner is a formal banquet, held annually to honor the top donors to New Mexico Tech. Macey Center was decked out in its finest for the occasion, and Chartwell's catering presented an excellent dinner of lobster thermidor and filet mignon.

As Dr. Daniel H. López informed the group of top donors, New Mexico Tech has, within the past year, raised the bar by exceeding goals and meeting unexpected challenges.

In 1999, a strategic plan was put into place, setting goals for the next five years. Within the past year, New Mexico Tech reached its goals and is now contemplating a strategic plan for the next five years.

Most notably, enrollment at the university surpassed the goal of 1,800 students. Both the number of full-time, regular students, and the number of students taking special non-degree courses has grown.

Tech has also added new academic programs, to help attract more students. Two new graduate programs have been added: a master of science degree in electrical engineering and a doctoral program in applied and industrial mathematics. In addition, a program in optical science and engineering has been developed, with the expectation

that it will grow into a full-fledged department.

Enhancing the optics program, New Mexico Tech is a partner in a joint venture corporation, Optical Surface Technologies, a custom optical manufacturing facility located in Albuquerque. OSF's goal is to provide its customers with solutions to challenging optical needs.

Another research facility added last year was EarthScope's USArray project. This \$200 million, 10-year project, funded by the National Science Foundation, will cover the North American continent with seismic instruments, imaging the underlying structure of the Earth with unprecedented clarity.

Tech has also joined with the National Park Service to found the National Cave and Karst Research Institute (NCKRI). This facility, with offices in Carlsbad and staff shared with the Department of Earth and Environmental Science and the Bureau of Geology and Mineral Resources, was founded to further the science of speleology, to encourage and provide public education in the field, and to promote environmentally sound cave and karst management.

With the influx of new students, New Mexico Tech's infrastructure has also grown.

Foremost among campus construction projects is the new Joseph Fidel Student Services

Center, a massive three-story facility in the middle of campus, expected to open with the fall semester of 2005. This building will house not only the facilities of the old SUB — dining, game room, post office, and bookstore — but will also be home to services such as advising, counseling, financial aid, registrar's, admission, and alumni.

To help house the growing student body, Tech, through its Research Foundation, acquired the Mountain Springs Apartment complex, three blocks east of campus.

Some of the campus' historic buildings are being renovated and upgraded. Fitch Hall is being converted into office space, and Cramer Hall will soon be renovated.

A new Fine Arts complex near the Golf Shop is now open, housing the previously nomadic Fine Arts program.

An 11,000-square-foot annex is being added to the IRIS/PASSCAL Instrumentation Center west of campus, to house the offices and labs of the 15 or more professional staff members who will join Tech as employees of the aforementioned EarthScope USArray project.

Still further west, in the Magdalena Mountains, New Mexico Tech will soon break ground for the Magdalena Ridge Observatory. Once completed, MRO will be the fourth highest and second darkest observatory in the world. It will use

New Mexico Tech

President's Club cont.

techniques of optical interferometry and adaptive optics to bring into focus never-before-seen images of the far reaches of our universe.

In addition, New Mexico Tech is on the verge of owning its own town. Plans to purchase the

former Phelps-Dodge mining town of Playas, New Mexico are drawing to a successful conclusion. Playas will provide a "real-world" training center for the university's first-responders, border crossing, and anti-terrorism training programs. Over 100,000 people have now participated in these programs.

Finally, New Mexico Tech's Commitment to Excellence capital campaign, which concluded in 2003, raised more than \$7 million in private and corporate funds, to help endow three faculty positions, increase library resources, provide new scholarships for our students, and initiate several important projects on campus. 

Dr. David Raymond — President's Club Faculty Award

Dave Raymond earned his Ph.D. in experimental particle physics from Stanford University in 1970, then switched fields to work for three years as a meteorologist at the cloud physics laboratory in Hawaii. It was there that Professor Marvin Wilkening recruited Raymond to come to Tech. Raymond is now an internationally recognized expert in cumulus convection and tropical weather and climate.

Much of Dr. Raymond's recent work has focused on the effects of cumulus clouds on global climate. Cumulus clouds are important carriers of heat from the warm surface of tropical oceans to great altitudes, but the intricate mechanisms of these cloud circulations are poorly understood. Dave Raymond is on the forefront of unraveling these atmospheric interactions and helping us all better understand how the oceans and the atmosphere affect one another.

[In June 2004, Raymond was

awarded a prestigious Fulbright Senior Specialist grant to teach for two weeks in Croatia.]

Raymond served for nine years as chair of the Physics Department and has served on many campus committees.

On a more personal side, Dave loves sailboating and is a licensed airplane pilot. He is the son-in-law of the late Marx Brook, who also was a longtime Tech physics professor. Dave and his wife, Georgia, have two daughters, Maria and Elizabeth. 

Dr. Van Romero — President's Club Alumni Award

Van Romero, New Mexico Tech's vice president for research and economic development, earned both his bachelor's and master's degrees in physics at New Mexico Tech. He then became the manager of General Electric's thermal hydraulic programs at the company's Knolls Atomic Power Lab in Schenectady, New York. While working there, he earned his doctorate in physics from the State University of New York at Albany.

Romero was soon recruited back to his alma mater. Toward the end of 1995, Tech hired him as director of the Energetic Materials Research and Testing Center, and two years later, he was promoted to his current position as a vice president.

During his tenure, New Mexico Tech has become the nation's top recipient of Congressionally approved earmarked research funds, with slightly more than \$56 million in federal research funds coming into Tech this year.

Most recently, Vice President Romero assumed the duties of

chairman of the National Domestic Preparedness Consortium, and was also appointed to serve on President Bush's Advisory Commission on Education Excellence for Hispanic Americans.

In addition, Dr. Romero recently was recognized by *Influence* magazine as one of the top six Washington lobbyists who made an impact in 2003. He was named one of the state's top business and economic development leaders in the March 2004 issue of *New Mexico Business Journal*. 

Members of the President's Club were treated to an elegant dinner. Here, enjoying hors d'oeuvres and a magnificent ice sculpture before the dinner, are guests Dave Williams of SAIC, John Meason of EMRTC, and John O'Kuma of U.S. Army/White Sands Missile Range

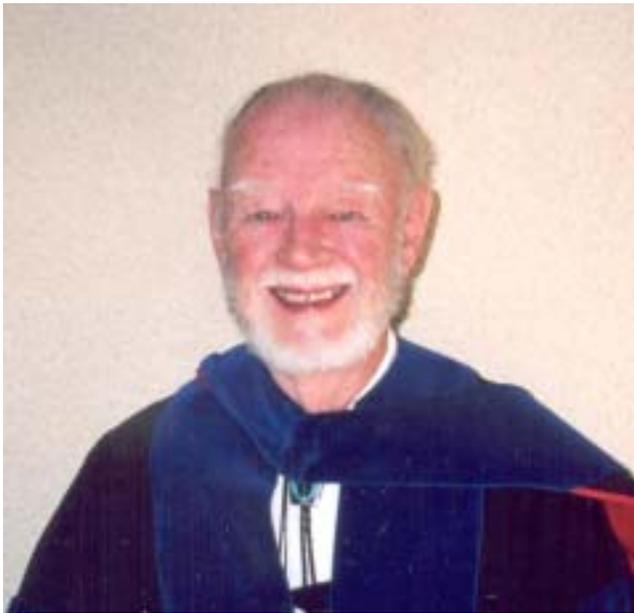


Dr. Van Romero, Vice President for Research



President López presents plaque to Dr. David Raymond





*Dr. Robert Cormack, psychology
Distinguished Teaching Award 2004*



*Dr. Jill Buckley, PRRC
Distinguished Research Award 2004*

Commencement 2004 Award Winners

*Alexander Rand, Brown Award
Mathematics and Computer Science B.S.*



*Dayle Kerr, Cramer Award
Chemical Engineering B.S.*

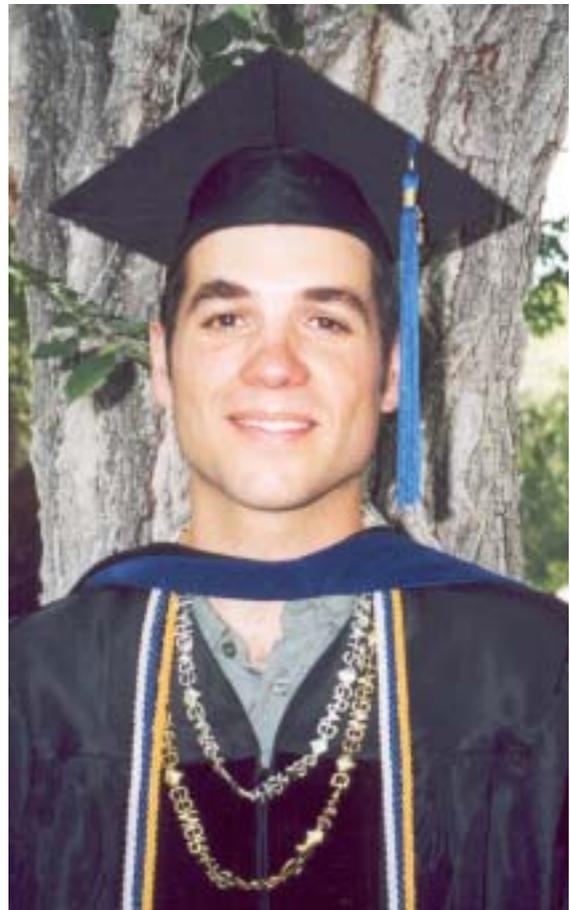




Leyla Sedillo (above) and Don Tripp (right) Distinguished Alumni Awards

See pages 5 - 7 for related story.

Samuel Clark (below), Cramer Award and Chemical Engineering B.S. David Wilson (right), Founder's Award and Ph.D. in geophysics



Golden Reunion 1954-2004

The Class of 1954 gathered on May 14 and 15 to visit, reminisce, and participate in Commencement.

Top right: Bruce DeBrine, John R. E. Smith, and David McCartney prepare for the ceremony.

Middle right: Eugene and Milly O'Connor tour campus in a golf cart.

Below: Members of the Class of 54 enjoy dinner in Macey Center.



People You Know

1960s

Fritz Wolff (60, BS, mining engr.) writes “The University of Oklahoma Press is going to publish a book I wrote over the past few years titled *A Room for the Summer*. It’s about adventures and misadventures set in the mines of the Coeur d’Alene in the 1950s. It is, I hope, a book about the intrinsic goodness of mining people everywhere, in addition to my own recollections of working underground at the Bunker Hill Mine during my college summers at New Mexico Tech. It will be out in Spring 2005. Behind the text on every page is the encouragement and mentoring handed to me as a student by truly outstanding professors — Woodrow Latvala, Gerald Greene, Antonius Budding, Bill Bertholf, and William Long, just to mention a few.

“I retired as a senior manager of quality assurance from Boeing Co. in 2000, and since then I have been working part-time as Washington State’s Abandoned Mine Lands principal investigator. I guess you can take the boy out of the mines but not the mines out of the boy. All best wishes to former classmates — I wish there was time to do it all over again!”

Lawrence “Larry” Lake (69, BS, physics) is now the managing director of Protiuiti, Inc., the leading firm dedicated to risk consulting and internal audit. He also holds a master’s degree in

computer science from Texas A&M.

1970s

Grant J. Wartenburg (70, BS, mathematics) writes, “I retired from Maxus U.S. Exploration Company on January 1, 2004, after 34 years as an exploration geophysicist. I plan to stay home, travel, and enjoy the grandchildren. I would enjoy hearing from any of my old classmates.” Grant’s email is grant.j.wartenburg@worldnet.att.net.

Joseph Kmeck (72, BS, geology) writes, “I left my business as a consulting geophysicist in Houston and accepted a position as senior staff geoscientist, Gulf of Mexico Exploration Team, with Pioneer Natural Resources USA, Inc. in Irving, Texas.”

Dr. John Koster (72, BS, biology) has been named President/CEO for Seattle-based Providence Health System. Koster earned his MD at the University of New Mexico. He

was in private practice with a multi-specialty group of physicians from 1979 until 1988. Since then, he has served as vice president of Presbyterian Healthcare Services in Albuquerque; senior vice president of Rocky Mountain Healthcare Corporation; and vice president for Targeted Member Services with VHA of Irving, Texas.

Jimmy Lloyd Ramsey (76, MST) lives in Victoria, Texas, where he is in his 35th year of public school education. His positions have included teacher, coach, principal, athletic director, and assistant superintendent of the State Department of Education. He is in his seventh year as superintendent. He holds a Ph.D. in educational administration from Texas A & M University at Commerce. His wife, Phyllis, is assistant principal at Memorial High School in Victoria, Texas.

Dr. Scott Sandford (78, BS, math and physics) and **Michael Zolensky** (77, BS, geology) recently participated in the activities of NASA’s STARDUST spacecraft as it flew by the nucleus of comet Wild 2 and collected a sample for return to Earth. Zolensky works at NASA’s Johnson Space Center and Sandford works at NASA’s Ames Research Center. Both are co-investigators on the mission, which was launched in 1999, encountered comet Wild 2 on January 2, 2003, and will return its captured cometary material on January 15, 2006. Both Zolensky



and Sandford will work on the team that will make the preliminary examinations of the returned samples.

Richard Leturno (79, BS, petroleum engr.) recently joined TNK-BP's Technology Group in Moscow.

1980s

John Dunlop (80, BS, metallurgical engr.) writes, "I'm currently working for Cymer, a manufacturer of deep UV lasers that are used in manufacturing semiconductors. Cymer has over 80 percent of the worldwide business for DUV lithography lasers - the technique used to pattern the most advanced semiconductor chips made by Fabs - including Intel, IBM, AMD - all the top companies. I direct the Quality, Manufacturing, and Process Engineering groups, and spend a lot of time working on cost-reduction projects. I'd enjoy hearing from friends and classmates!"

Ellsworth "Kevin" Rolfs (81, BS, computer science) writes that he has transferred from Northrup Grumman Information Technology in Austin, Texas, to the same company's Mission Systems - Defense Mission Systems division in Colorado Springs.

Martin C. Nehring (82, BS, petroleum engr.) writes, "One week following 9/11, I was recalled to active duty with the U.S. Air Force and spent the next 13 months deployed overseas, supporting combat operations in

Afghanistan as a meteorologist. In June 2004, I have 20 years of commissioned service with the Air National Guard and the USAF and can retire from the ANG as a traditional Guardsman. The catch is I don't start to draw retirement pay until I reach age 60.

"The 13 months away from home wreaked havoc upon my business as a financial planner. However, I'm back in the saddle and starting the business over from scratch. My son, Martin Jr., started college this past fall and will be the first male Nehring not to get an engineering degree. Literature, good grief!! Alas, Tech wasn't in his plans, however, the University of California, Santa Cruz was and is in his plans. Yes, UCSC now gives grades! Keep in touch at mnstormy44@hotmail.com."

John Hingtgen (85, BS, geology) writes, "I completed an M.S. and graduate certificate in Energy Analysis & Policy at the University of Wisconsin at Madison last summer. I did my thesis in wind energy generation. I am working for a consultant in energy efficiency while looking for a position developing wind or other renewable energy projects."

Tony Macaluso (85, BS, mathematics) writes "My wife Yen and I welcomed our third child, Marie Gabrielle, to this world on February 5, 2004. Marie has an older sister, Michelle who is now 6, and an older brother, Matthew who is now 4. I have now worked for 14 years as a mathematician and software

analyst at the Naval Surface Warfare Center in Dahlgren, Virginia. I can be contacted at yamacalu@crosslink.net."

Ward Herst (86, MS, hydrology) writes, "2003 was another good year for Herst & Associates, Inc., and 2004 appears to offer continued challenges. Our hydrogeologic and environmental consulting firm in St. Charles (St. Louis), Mo., continues to expand in terms of business areas, geographic presence, and technical expertise. Ward is now a Registered Professional Geologist in 23 states and a Registered Professional Engineer in 16 states to accommodate client project needs. Debby continues to fill all of the non-technical management roles for the company and does an amazing job keeping it all running."

"Ward's initial season as a race car driver was a success, winning the Sports Car Club of America's Midwest Division Regional Championship in the Grand Touring 2(GT-2) class and tying for Driver of the Year points."

Bill Gallagher (88, BS, computer science) writes, "I reached the ripe old age of 40 and began missing some of the people from my past. Worked a job fair at Tech last year and was surprised at how much and how little has changed, both at Tech and in town. Contact me if you like: techie@catsniff.com. I'd love to hear from you."

Beth (Lazas) Heath (89, BS, environmental engr.) and **Chris Heath** (a student at Tech from

1985 to 1988) would like to announce the birth of their son, Nathan Eli, on February 15, 2004. Nathan joins his big sister, Katie and big brother, Isaac at their home in Phoenix, Ariz. Beth is currently a stay-at-home mom. Chris, who has a Ph.D. in chemical engineering, is working as a research scientist at Intel.

1990s

Michael Fisk (96, BS, computer science) and his wife, the former Gina Marie Weber, are the proud parents of Emma Elizabeth Fisk and Ethan Michael Fisk, born on Feb. 4, 2004 at 8:31 a.m. and 8:32 a.m. respectively. Mike is the team leader of Networked Systems Research at Los Alamos National Laboratory. After leaving Tech, Mike earned his master's in computer science from the University of California at San Diego and is now working on his Ph.D. Gina holds degrees in computer science from UNM and the University of Southern California.

Carl Kroll (96, BS, math) writes, "Vicky Yang and I, who met while working for the same company in Hong Kong and dated for 5 1/2 years, were finally wed in Seattle, Wash., on May 1, 2004. We were very glad to have fellow Tech alumni **Daniel Wilson, Tristan Fin, Joleen Welborn, Steve Rowswell, and Karen Stafford-Brown** in attendance. Wedding details can be found at www.krroll-yang.com, and Carl would love to hear from old friends from Tech (krroll@grommet.net). The newlyweds currently reside in

Paris, France." Carl is a test engineer for Air Command Systems International.

Diane R. Morris (96, AGS) writes that she now works for Air Products and Chemicals Inc. as a document control coordinator. She and her husband recently bought a house. He is deployed in the National Guard.

Eric S. Shearer (96, BS, geology with environmental geology option) and his wife of six years, **Andrea (Paré) Shearer** (attended Tech 1992-95) would like to announce the birth of Andrew Marc Shearer on February 11, 2004. He was 20 inches long and weighed 7 lbs., 1 oz.

After living in Lafayette, Louisiana for six years (where Eric was working as a field engineer for Sperry-Sun Drilling Services and Andrea was a student at the University of Louisiana at Lafayette and an elementary school teacher) they relocated to Spring, Texas, in May of 2003. Eric continues to work for Sperry-Sun Drilling Services; a division of Halliburton Energy Services, Inc. in Houston, Texas, as a knowledge broker, while Andrea is enjoying her new job as a full-time mother to their precious baby boy.

The Shearers would love to hear from old friends at eashearer@shearers.org

2000s

Dr. Elizabeth A. Dowling (00, BS, chemistry) has just graduated from medical school at the

University of Colorado Health Science Center. She is moving to Chicago for her residency in internal medicine. She would love to hear from classmates at eadowling@hotmail.com.

Matthew Chadwick (01, BS, basic studies; 01, BS, chemical engr.) has married Stephanie Chiquito in two ceremonies. On Dec. 26, 2003, they were married at the temple of the Church of Jesus Christ of Latter-day Saints in Albuquerque. The following day, they celebrated a traditional Navajo wedding at Pueblo Pintado. The couple reside in Tulsa, Okla., where Matthew is employed by Slumberger. Stephanie is a 2000 graduate of Harvard University with a master's degree in education.

Matthew McCulley (02, BS, chemical engr.) has received his commission as a naval officer after completing Officer Candidate School (OCS) at Naval Aviation Schools Command, Pensacola, Fla. 

Obituaries

Charles Andrada age 92, a retired civil engineer, passed away on February 15, 2004 in Las Vegas, Nev. He was a 1936 graduate of the New Mexico School of Mines and a member of the President's Club.

He was born in Woodhaven, New York on April 4, 1911. In the early 1930s he attended New York University and New Mexico School of Mines. His first engineering job was at a gold



Charles Andrada, with a photo of the World Trade Center, for which his company provided the steel.

mine in Wickenburg, Arizona, where he worked “for a dollar a day and flop” during the Depression. In 1940, he took a job as an engineer during construction of the Basic Magnesium plant in Henderson, Nevada, and resided in the Boulder Dam Hotel. In the early 1940s, he joined Dovell Engineering, a Los Angeles area firm, became its owner in 1955, and led the company until his retirement in 1987. His firm gained a reputation as the highest quality steel detailer in the business, bringing him many prestigious contracts, including the Los Angeles International Airport Theme Building and the New York World Trade Center.

He lost his wife, Catherine, in 2000 and is survived by his son, Chris, of Mill Valley, Calif., and

his nephew, Tom Trippe, of Berkeley, Calif. He will be deeply missed by his family, friends and colleagues.

Alvin Gaines Cook passed away on Monday, April 5, 2004 at UPMC St. Margaret Hospital in Pittsburgh, Penn. at the age of 90. He was a proud graduate of the New Mexico School of Mines, Class of 1937, and spoke often and highly of his education there and of the time he spent on campus in Socorro.

After he graduated, he earned a master’s degree in metallurgical engineering in 1939 at Case Institute of Technology (now Case Western Reserve University) in Cleveland, Ohio. He then spent his entire 40-year professional career with Allegheny Ludlum Steel Corporation at their plants in Dunkirk, N.Y.; Ferndale, Mich.; Watervliet, N.Y.; and finally at the corporate headquarters in Pittsburgh, Penn.

He retired in 1979 with the title of coordinator of product specifications at Allegheny Ludlum. He was a life member of the American Society for Materials (ASM), the American Society of Mechanical Engineers (ASME), The Iron and Steel Society (ISS), The Metallurgical Society (TMS), and the Society of Automotive Engineers (SAE), and was an honorary member of the American Society for Testing and Materials (ASTM).

The Alumni Office received word that **Walter Edwards**, Class of 1940, passed away on Dec. 15, 2003. No further

information was available.

Gilbert R. Griswold, Brown Medal winner of the Class of 1933, passed away on May 15, 2004, at the age of 92. He lived at La Vida Llena Health Care Center in Albuquerque.

Griswold was a respected mining engineer who was regarded worldwide as an expert on evaluation of uranium deposits and operations. Even so, he held that placer gold was his favorite ore. From 1968 to 1984, Griswold was president of Chapman, Wood, and Griswold, a mining and geological consulting firm. Even after he retired, Griswold was still active as a consultant, coming into the office frequently until 1995.

Born in Greenport, N.Y. on Oct. 3, 1911, Griswold grew up in nearby Sag Harbor. His family moved to Raton, N.M. when he was 10, and he was a New Mexico resident for the rest of his life. At the New Mexico School of Mines, he earned two bachelor’s degrees: one in mining engineering and one in metallurgy, as well as receiving the top award in his graduating class, the Brown Medal.

Right out of college, from 1933 to 1937, he was a survey party chief and topographic engineer with the U. S. Geological Survey, mapping rivers, dam sites, and reservoirs in New Mexico, Utah, Idaho, and Montana. From 1937 to 1939, he worked for Guy V. Martin Laboratories in Albuquerque, putting his metallurgical background to use as an assayer and ore tester. In

1940, having received his master's degree in metallurgy from the University of Utah, he entered the United States Army.

As a specialist in ordnance, Griswold served in the Army until 1946, when he was discharged as a full colonel.

After the war, Griswold was the manager for Potter & Sims' New Mexico operations, leading the exploration and evaluation of the 58,000-acre Ortiz Mine Grant in Santa Fe county. This historic mining district marked the first gold discovered west of the Mississippi (in 1829). Griswold's survey in the 1950s proved that it was not economic to develop it under prevailing circumstances, but by the 1970s, he was actively trying to interest various mining companies in developing the property. In the 1980s, Gold Fields Corp. decided to mine and operate a heap-leach at the property.

In 1956, Griswold joined the Albuquerque consulting firm of Chapman and Wood, where he was made a partner a year later. The firm built a worldwide business in services in the identification, development, assessment, and production of mineral commodities.

Griswold was a Registered Professional Engineer and set the mining engineer's exam for professional registration in New Mexico during the 1960s and 70s. He was a member of the American Institute of Mining, Metallurgical, and Petroleum Engineers (SME); and director of

the New Mexico Mining Association. He was also a member of the General Technical Advisory Committee of the U.S. Office of Coal Research.

"Mining was his life," recalled Doug Irving, currently president of Chapman, Wood, and Griswold. "He was a congenial man who liked people. Young people thought he was a fine old gentleman."

Griswold is survived by his daughters, Miriam Schroeder of San Diego, Calif.; Martha Griswold of Berkley, Calif.; and Annette Griswold of Greenbush, Wisc.; four grandchildren and one great-grandson. He was preceded in death by his wife of over 40 years, Laura Fast Griswold.

Donations in the memory of Gilbert Griswold will benefit the Mineral Engineering Scholarship at New Mexico Tech. Please send donations to: Advancement Office, New Mexico Tech, 801 Leroy Place, Socorro, NM 87801. Please make checks out to New Mexico Tech and write "Gilbert Griswold" on the memo line of the check.

Carol Ann (Pucci) McKee passed away on May 9, 2004, at her home in Renton, Wash.

Carol was born on February 20, 1953 in Albany, N.Y. She graduated from Albany High School and obtained an associate's degree from Hudson Valley Community College. She graduated from New Mexico Tech with a bachelor's degree in mathematics in 1977. She was working for Boeing when she married Robert E. McKee on July



Carol Pucci McKee

5, 1984. They lived in Seattle and Renton, Wash. Carol is survived by her husband and several aunts, uncles and cousins in New York and California. Carol worked many years as a computer analyst at Boeing and as an independent consultant. She raised beautiful roses and was a member of the Rainy Rose Society.

Carol's husband said she enjoyed talking about Tech and commented often on the special bond between Tech alumni.

E. Randolph Smith passed away in December 2003. He was a 1942 graduate of the New Mexico School of Mines with a degree in petroleum engineering.

Robert Stueber, age 89, passed away on May 9, 2004. He was born on Dec. 25, 1914, in Passaic, N.J. He was a mining and metallurgy student at the New Mexico School of Mines, having left in 1940 to work in the copper industry.

New Mexico Tech

He spent four years working for Kennecott Copper Company in Chile, and then spent 15 years working for Mobil Oil. Co. in Venezuela and Columbia. On his return to the United States, he established a new career as a materials engineer with the New Jersey Department of Transportation, retiring in 1983. He is survived by his wife of 56 years, Ruth; two daughters, Janet and Sharon; a son, Richard; and four grandchildren and two great-grandchildren.

Stueber's son Richard recalled that his father loved the West and at age 72 was the oldest member of a month-long rafting trip on the Snake River and Grand Canyon. In his late 70s, with the aid of a tutor, he taught himself the computer and managed to do all his banking, correspondence, and web surfing on it up to the day of his death. He also enjoyed fishing and working in stained glass.

Stueber's longtime friend, Hart C. Gleason (39, BS, petroleum engr.), wrote, "Bob and I worked together two summers at the Black Hawk Consolidated mines in Mogollon, N.M. In 1937, we made 38.5 cents per hour. We slept in a tent and worked in 110 degree temperatures underground. We drilled in quartz gangue without water hooked up to the drill, and both of us ended up with silicosis. That was the reason I switched my college degree from mining to petroleum."

Linda Jane Weiss, a 1995 graduate with a bachelor's degree in biology, was killed in a kayaking accident on April 10, 2004. Linda had a lifelong interest in athletics, including gymnastics, volleyball, and kayaking. She was active in both volleyball and kayaking at Tech.



After graduation, she went to graduate school at the University of Vermont in Burlington, where she earned a master's degree in molecular biology in 1999. While in Vermont, she qualified as a kayaking instructor, and she made a solo trip to Costa Rica for kayaking there. She returned to Burlington to work on clinical projects, but soon switched to areas where she could work more with people. In 2003, she entered the Massachusetts College of Pharmacology in the Physician's Assistant Program, where she had finished her course work and was doing rotational internships at the time of her death.

Linda's love for kayaking and adventure took her to Ecuador and Peru. She was one of the

first women to run the Taureau Rapids in Quebec. On her last run, on the Mettawee River near Glens Falls, N.Y., her boat became pinned in the rocks of a 15-foot fall, and friends and emergency personnel were not able to save her.

Linda is survived by her parents, Bill and Nancy Weiss of Socorro; sister Wendy Weiss and Robert Mace of Austin, Texas; brother Jason Weiss of Socorro; boyfriend, John Guerriere of Shelburne, Vermont; and many other relatives and friends. In the acknowledgements of her thesis, she wrote, "My awe and respect to rivers moving fast, gracefully, with power and excitement, offering challenges and beauty, providing the path that takes me to the place I want to be."

Paul A. Weyler, Sr., age 78 of Las Cruces, passed away on March 17, 2004 in Las Cruces. He was the Brown Medal recipient for 1953, when he graduated from the New Mexico School of Mines with a bachelor's degree in mining engineering.

Weyler was born on Dec. 14, 1925 in Ridgewood, N.J. and served in the U.S. Navy during World War II. After attending the New Mexico School of Mines, he earned his master's degree in metallurgy at the University of Nevada in Reno. His professional career as a mining metallurgist began with AMAX in Golden, Colo., and continued with Kennecott in New Mexico, Utah, and Papua New Guinea.

He retired to Tucson, Ariz., where he was an active member of the Knights of Columbus and Lions Club and an English tutor. Paul's wife, Frances, preceded him in death on March 20, 1995. Paul had been a resident of Las Cruces since 1995 and a parishioner of Immaculate Heart of Mary Cathedral. Survivors include Paul Anthony, Jr., and wife Monika of Las Cruces; Wayne Stephen and wife Liz of Grand Junction, Colo.; daughter Rita Louise of Asheville, N.C.; and three grandchildren. 

Welcome, W5AQA

The Socorro Amateur Radio Association (SARA) has tipped its hat to early School of Mines history and reclaimed the first ham-radio callsign, originally property of a Mines student in the early 1930s.

Callsign W5AQA was assigned to Mines student Donald M. Cook, Class of 1934, in 1931. Cook became a consulting geologist after graduation. His callsign has been unused for years.

A classmate of Cook's earned the second callsign ever assigned in Socorro: Clark E. Rodenburg, W5BSP. His classmates nicknamed him "Sparky," probably after his electronic hobby.

In honor of the history of ham radio in Socorro, SARA received permission from the Federal Communications Commission to change its callsign to W5AQA on March 19, 2004. 

cont. from p. 4

powerful sign of **alumni participation**, a criterion by which we are judged in the many magazine surveys that rate colleges. Your participation is more important than the size of your gift!

The size of your gift doesn't matter. The only thing that matters is that you do give — something, anything. We'll appreciate whatever amount you choose to donate, regardless of whether it's

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We need and depend on your support, just as Harvard, Stanford, MIT, and the rest of the top colleges in the country depend on their alumni. We hope you will seriously consider at least a minimal donation to the New Mexico Tech Annual Fund.

You can donate by calling us at 1-800-428-TECH with your credit card number or by sending a check to: Office for Advancement Office, New Mexico Tech, 801 Leroy Place, Socorro, NM 87801. Please make the check out to New Mexico Tech, with "Annual Fund" on the memo line.

Thank you all!

Rose Baca
Alumni coordinator 

Alumni!

Please drop by our booth at:

- Albuquerque Summerfest, Civic Plaza, June 17, 6:30 - 10:30 p.m.
- New Mexico State Fair, Lujan Building, 9 a.m. till closing, every day

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New Mexico Tech Performing Arts Series 2004-2005 Season



Frula

Frula, Balkan Folk Dance & Music Co., *Friday, September 17, \$14/A; \$12/Sr; \$10/Yth*
Dazzling authentic costumes, athletic prowess, cultural pride and the performers' inner joy combined with musicians, dancers and singers, transform folk dance into a theatrical show. www.doublebilleentertainments.com/frula.htm

Tommy Dorsey Orchestra, *Friday, October 1, \$16/A; \$14/Sr; \$12/Yth*
The Tommy Dorsey Orchestra is recognized as one of the best all-around dance bands. www.tommydorseyorchestra.com

"Dracula," by Tricklock Company, *Wednesday, October 13, \$12/A; \$10/Sr; \$8/Yth*
A mesmerizing adaptation of Bram Stoker's fanged creation - by America's leading avant-garde playwright, Mac Wellman. TRICKLOCK is an international theatre organization, based in Albuquerque, committed to artistic risk, physicality, absurdism, and poetic work. www.tricklock.com

Perla Batalla, *Saturday, November 6, \$14/A; \$12/Sr; \$10/Yth*
Latin, jazz, folk diva with a great band. www.perla.com

Alley Cats, *Friday, November 19, \$14/A; \$12/Sr; \$10/Yth*
Tight harmonies, universal humor, and unbelievable a cappella energy have made THE ALLEY CATS "America's Premier Doo-Wop Group." www.thealleycats.com

"Christmas Joy," by Performers Ballet & Jazz Company

Saturday, December 4, \$16/A; \$14/Sr; \$12/Yth
Celebrate the spirit of Christmas with over 60 classically-trained young ballet and jazz dancers in a stunning performance choreographed to traditional and contemporary Christmas music. Christmas Joy is a moving and uplifting production, and an award-winning Albuquerque holiday tradition. www.theperformers.org

Gregory Popovich's Comedy Pet Theatre, *Friday, January 28, \$16/A; \$14/Sr; \$12/Yth*
Put a world-famous, Russian juggler in charge of a motley collection of stray cats and dogs and the result is a charmingly unusual show. www.siegeartist.com

Stand By Your Man, The Tammy Wynette Story

Friday, February 11, \$16/A; \$14/Sr; \$12/Yth
With 26 of Tammy's hits, the show deals with most of Wynette's difficult episodes, including her relationship with her mother, her divorces, her battle with drugs and illness, and her famous kidnapping incident. www.encoresattractions.com

Teada & Cathie Ryan, *Friday, February 18, \$14/A; \$12/Sr; \$10/Yth*
Traditional Celtic music, double-bill. www.coolproductions.com; www.cathieryan.com

Luma Theatre of Light, *Friday, February 25, \$14/A; \$12/Sr; \$10/Yth*
Step to the precipice of your imagination, take the giant leap into a surreal world of light, color and motion where thinking stops and astonishment begins. www.humantheater.com

Scrap Arts Music, *Friday, April 8, \$14/A; \$12/Sr; \$10/Yth*
A high-voltage percussion ensemble featuring powerful original music, innovative sculptural instruments on wheels, and five hyper-kinetic performers that sweat. www.scrapartsmusic.com

New Mexico Symphony Orchestra, *Friday, April 22, \$16/A; \$14/Sr; \$12/Yth*
Hispanic program featuring the music of Villa-Lobos and Piazzolla, with guest classical guitarist. www.nmso.org

* Indicates not confirmed. Season still subject to change.

Time: All shows begin at 7:30 pm, unless noted otherwise, at Macey Center, NMT Campus, Socorro, NM, wheelchair accessible.

Tickets: Available at the door and in advance from NMT Bookstore, NMT Cashier, Brownbilt Westerns Wear, Leo's SmokeShop and Video Shack. Credit card orders, call number below.

Contact: Ronna Kalish; (505) 835-5688; pas@admin.nmt.edu; Web: <http://pas.nmt.edu>

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