

SPRING 2009

UNIVERSITY

magazine

THAT MAKES SENSE!

HOW 10 ALUMNI
PERCEIVE THEIR WORLD

CONGRATULATIONS CLASS OF 2009!



**WELCOME TO THE
UNM ALUMNI ASSOCIATION**

No dues! No fees!

The UNM Young Alumni Association would like to welcome you at a

Wine and Cheese Social

Thursday, May 14, 2009

5:30 p.m.–7 p.m.

UNM Alumni Center–Hodgin Hall

Win an iPod shuffle, a UNM diploma frame, and other prizes!

(Winner must be present.)

WWW.UNMALUMNI.COM

Win an Apple i-Pod touch!

Sign up for a laminated mini-diploma to carry in your wallet, and we'll put your name in a drawing for an Apple i-Pod touch.

Limited to May 2009

UNM graduates.

Deadline: June 16, 2009.

**[unmalumni.com/
minidiploma](http://unmalumni.com/minidiploma)**

WHAT'S NEXT?

Looking for a job? Check out the new online career services for alumni by e-Recruiting at **unmcareerservices.experience.com/alumnus**

Moving? Meet new friends and make new contacts with Alumni chapters across the US can help you network.

unmalumni.com/chapters

UNM alumni receive all kinds of benefits, from health insurance to a discounted REC card and much more!

unmalumni.com/benefits

Join our young alumni listserv (email smac14@unm.edu) or sign up at facebook.com to find out about Young Alumni activities and perks. Add the UNM Alumni Association application to your facebook.com account.

unmalumni.com

Coming soon!

New UNM class rings will be available for spring 2009 grads! Check out the UNM Bookstore or our web page for updates.

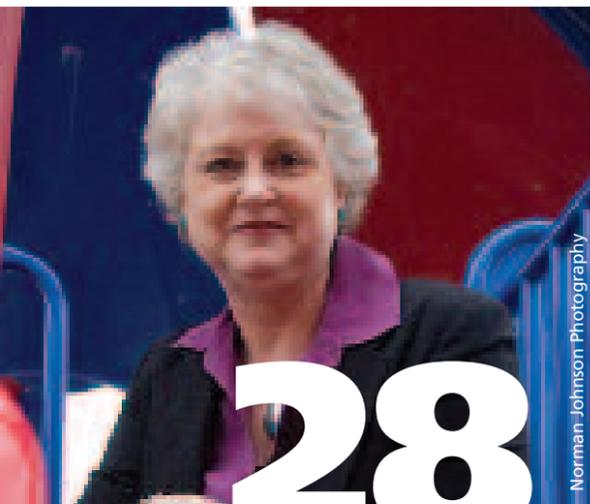


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SENSES ARE HER SPECIALTY:

A special ed teacher and co-lead teacher of Albuquerque Public Schools' autism response team, Maryann Trott, '74 BAED, '82 MA, has written two books for parents and teachers on the ways children integrate what their senses tell them.



Norman Johnson Photography

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THAT MAKES SENSE!

How 10 alumni perceive their world.

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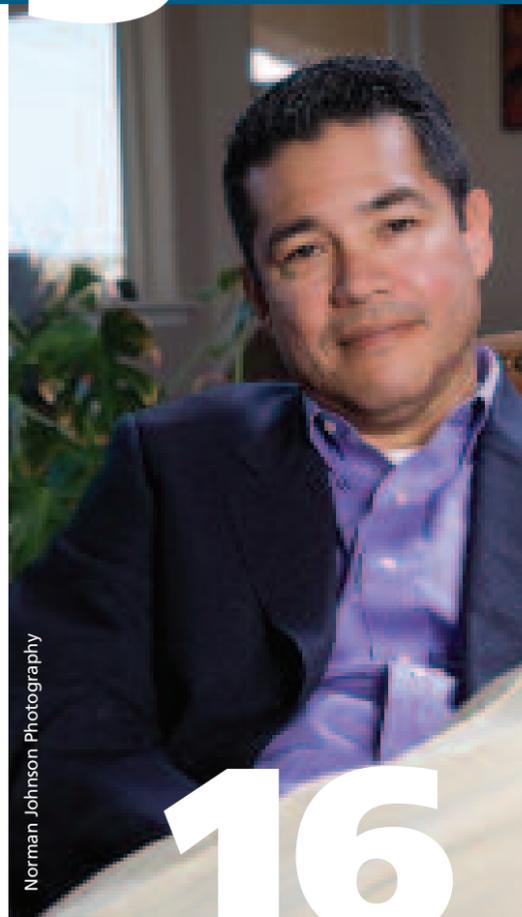
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MIRAGE

Spring 2009, Volume 27, Number 3, THE UNIVERSITY OF NEW MEXICO: David J. Schmidly, President; Karen A. Abraham, Associate Vice President, Alumni Relations; Mary Conrad, Editor; Kelly Ketner, Echo Creative, Art Director. UNM ALUMNI ASSOCIATION EXECUTIVE COMMITTEE: Judy Zanotti, President, Albuquerque; Ruth Schifani, President-Elect, Albuquerque; Gene Baca, Treasurer, Corrales; Lillian Montoya-Rael, Past President, Santa Fe; Jennifer Riordan, Albuquerque; Randy Royster, Albuquerque; Waneta Tuttle, Albuquerque; Kathie Winograd, Albuquerque.

MIRAGE is published three times a year, in April, August, and December, by the University of New Mexico Alumni Association for the University's alumni and friends. Address all correspondence to UNM Alumni Relations Office, MSC 01-1160, 1 University of New Mexico, Albuquerque NM 87131-0001. Send all Album information to the attention of Margaret Weinrod. Send all changes of address to the attention of Records. Send all other correspondence to the attention of Mary Conrad. To comply with the ADA and the Rehabilitation Act of 1973, UNM provides this publication in alternative formats. If you have special needs and require an auxiliary aid or service, please contact Mary Conrad. Phone: 800-258-6866 (800-ALUM-UNM) or 505-277-5808. E-mail to Mary Conrad: mconrad@unm.edu or alumni@unm.edu. Web address: www.unmalumni.com

Mirage was the title of the University of New Mexico yearbook until its last edition in 1978. Since that time, the title was adopted by the alumni magazine which continues to publish vignettes of UNM graduates.



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compiled by Margaret Weinrod.

Look for a friend on every page!

Keep us posted!

Send your news to Margaret Weinrod, The University of New Mexico Alumni Association, MSC 01-1160, 1 University of New Mexico, Albuquerque NM 87131-0001. Better yet, email your news to mweinrod@unm.edu. Please include your middle name or initial! Fall (August) deadline: May 1. Winter (December) deadline: September 1. Spring (April) deadline: January 1.

Rubén Cobos, '36 BS, '42 MA, UNM professor emeritus and noted folklorist, celebrated his 97th birthday on November 11, 2008. He looks forward to "a big party" for his 100th on 11-11-11.

Martha Root Brink, '38 BA, '53 MA, is still in Albuquerque and painting pictures—mostly oil landscapes. She spends most of her time doing and teaching genealogy. She looks forward to her 93rd birthday in June.

Philip C. Whitener, '41 BSME, spent 42 years at Boeing working on cutting-edge technology resulting in a number of patents. Recently, he was awarded domestic and international patents on hydrofoil vessels. A prototype vessel is being prepared for test. Phil lives on Bainbridge Island, Washington. His email is pwhitener1@email.msn.com.

David Ernest Mascarenas, '42 BS, is the longest-serving insurance agent in New Mexico. He founded the Mascarenas Insurance Agency in March 1979 and still actively helps his son, **Don Rene Mascarenas**, '86 BUS, and his daughter-in-law, **Marilyn Buhl Mascarenas**, '02 MA, to operate the agency. Marilyn is a home-bound special teacher with APS, and her husband is a deacon affiliated with St. George Greek Orthodox Church in Albuquerque.

CONNECTIONS

NEW CONNECTIONS

VIP vp: Chemical and nuclear engineering professor **Julia Fulghum** has been appointed UNM's vice president for research after having served as interim vice president since May 2008.

<http://www.unm.edu/news/08DecNewsReleases/08-12-10Fulghum.html>

dean doings: Former UNM regent and New Mexico State Treasurer **Douglas M. Brown** has been named dean of UNM's Anderson School of Management. Brown was president and CEO of Talbot Financial Services and also served as president and CEO of Tuition Plan Consortium.

<http://www.unm.edu/~market/cgi-bin/archives/003635.html#more>

ready regents: New Mexico Governor **Bill Richardson** has announced the reappointment of Regent **Jamie Koch** to UNM's governing board but has recommended that Regent Raymond Sanchez replace Koch as board president. Richardson also appointed **JE "Gene" Gallegos** (see Album, p.7) as regent and **Emily "Cate" Wisdom**, a junior majoring in biology and chemical engineering, as student regent.

<http://www.unm.edu/~market/cgi-bin/archives/003496.html#more>
<http://www.governor.state.nm.us/press.php?id=1091>

faculty furor: More than 850 faculty, staff, regents, administrators, students, and community members attended a special faculty meeting

held February 25 in Popejoy Hall. Of these, 491 were certified members of the voting faculty, who voted to support motions of non-confidence in UNM President David Schmidly, executive vice president for administration David Harris, and Regents President Jamie Koch. They also asked New Mexico Governor Bill Richardson to withdraw Regent Jamie Koch's nomination for a new term on the Board of Regents, among other motions.

<http://www.unm.edu/~market/cgi-bin/archives/003678.html#more>

info vision: **Gil Gonzales**, chief information officer, brings a new vision of information technology to UNM. Improving customer service to students, faculty, and staff on an increasingly limited budget is a challenge.

<http://www.unm.edu/~market/cgi-bin/archives/003539.html#more>

GIVING CONNECTIONS

mind this: The Mind Research Network has been selected by the National Institutes of Health for a five-year, \$11.6-million Institutional Development Award grant to study the neural mechanisms of schizophrenia. Led by MRN principal investigator and UNM department of psychiatry professor **John Lauriello**, the Mind's COBRE center will use several neuroimaging techniques to examine underlying brain circuits and connections associated with schizophrenia.

<http://www.unm.edu/~market/cgi-bin/archives/003361.html#more>

RESEARCH CONNECTIONS

granted: Three grants, totaling more than \$17.5 million, were recently awarded to New Mexico Experimental Program to Stimulate Competitive Research through the Department of Energy and the National Science Foundation. The grants, which will aid higher education research institutions including UNM, range from \$150,000 to a \$15 million five-year grant from the National Science Foundation for Research Infrastructure Improvement to establish New Mexico as a national laboratory for climate change research and a model for science-based education and public outreach.

<http://www.unm.edu/~market/cgi-bin/archives/003419.html#more>

developing teachers: Researchers from four Long Term Ecological Research sites, 11 universities, and K-12 school districts from across the nation are partnering in a \$12.5 million grant from the National Science Foundation's Mathematics and Science Partnership program to create a dynamic teacher development program targeted at middle school and high school teachers in the science, technology, engineering, and mathematics disciplines.

<http://www.unm.edu/~market/cgi-bin/archives/003498.html#more>

food findings: Ever wonder where all that food your teenager devoured was going? Not only does the food go into the teen's daily activities, but food converted to energy also fuels

growth of new tissues. In an autumn issue of *Science*, National Science Foundation funded researchers, including UNM Distinguished Professor of Biology **James Brown**, report on a model that shows the food baby mammals and birds use to grow always stays proportional to how fast they are growing.

<http://www.unm.edu/~market/cgi-bin/archives/003355.html#more>

blast it! Three UNM professors are spearheading an effort to develop blast resistant composite materials. The group is delving into ways to change the structure of materials—like concrete—into something that would be a good building material, more resistant to corrosion, and specifically tolerant to blast.

<http://www.unm.edu/~market/cgi-bin/archives/003519.html#more>

border consequences: An environmental historian, associate professor of history **Sam Truett** traveled to the borderlands with a group of 16 graduate students and professors from UNM, NMSU, University of Arizona, and ASU, to study the consequences of human interactions with the land and its other inhabitants.

<http://www.unm.edu/~market/cgi-bin/archives/003296.html#more>

dust must: NASA satellite data can improve forecasts of dust storms in the American Southwest in ways that can benefit public health managers, according to UNM geography professor **Stanley Morain**, as a five-year NASA-funded project nears its conclusion.

<http://www.unm.edu/~market/cgi-bin/archives/003339.html#more>

sharing: Anthropologists explored the genetic and linguistic diversity in Northern Island Melanesia, off the east coast of Papua New Guinea, and discovered that humans from different populations shared genes much more easily than cultural or linguistic information. A team of anthropologists, including **Keith Hunley**, UNM assistant professor of anthropology, have published their results.

<http://www.unm.edu/~market/cgi-bin/archives/003520.html#more>

inmate insights: Behind prison walls seems like a most unusual place to study teaching and learning. But UNM associate professor of teacher education **Diane Torres-Velasquez** decided to conduct research into literacy workshops with female inmates.

<http://www.unm.edu/~market/cgi-bin/archives/003521.html#more>

wave hello! A team of scientists, led by astronomers from UNM and the Naval Research Laboratory, detected long wavelength radio emissions from a colliding, massive galaxy cluster, says UNM professor and scientific director of the Long Wavelength Array (LWA) **Greg Taylor**.

<http://www.unm.edu/~market/cgi-bin/archives/003306.html#more>

green means: While America relies on fossil fuels to satisfy 85 percent of its primary energy demand, there is mounting concern about global warming. Through his research, **Andrea Mammoli**, associate professor of mechanical engineering, is discovering smart new conservation techniques, more efficient ways to

album

Bob Lee, '55 BSHP, has a show of his paintings in preparation at the Los Lunas Museum of Heritage and Arts. Bob lives in Belen, New Mexico.

JE "Gene" Gallegos, '56 BA, '60 LLB, has been appointed a UNM regent by New Mexico Governor Bill Richardson, replacing John "Mel" Eaves. Gene lives in Santa Fe.

Vaughn Bush, '58 BBA, stays busy in Knoxville, Tennessee, as president of his homeowners association, tutoring at two elementary schools, and sailing as much as possible. Vaughn would like to hear from old friends at UNM. His email is vpbush@ntown.com.

Richard S. "Sam" Baty, '60 BSEE, is the author of *Footsteps to Forever*, a World War II historical thriller. Sam is a retired US Air Force officer and a retired chief scientist. He is currently an adjunct professor at Embry-Riddle Aeronautical University. He lives in Albuquerque with his wife, **Linda Jones Baty**, '59 BAED.

Billie J. Thompson, '62 BA, '65 MA, has received the New Mexico Society of Certified Public Accountants' Outstanding Lifetime Achievement Award. She has practiced accounting for 30 years in New Mexico and is currently senior tax manager with REDW, in Albuquerque.

Rudolfo Anaya, '63 BAED, '69 MA, '72 MA, has had a trade paperback edition of *Rio Grande Fall* published by the UNM Press. It is a volume in his popular Sonny Baca mysteries.

Nasario Garcia, '62 BA, '63 MA, is the recent author of *The Naked Rainbow: el arco iris desnudo* (UNM Press 2009). His 20th book, the fictional work is a collection of bilingual (English/Spanish) short stories that take place in New Mexico. He lives in Santa Fe.

Warren Nell, '63 MA, has been inducted into the New Mexico Coalition of School Administrators Hall of Fame in recognition of his longtime involvement in education administration. Warren is retired and lives in Artesia.

Richard Doss, '65 BBA, has retired from the Carlsbad National Bank where he was a senior vice president.

John Arthur Smith, '66 BS, has received the Distinguished Service to Agriculture Citation from the New Mexico Farm and Livestock Bureau. The Deming resident is a New Mexico State Senator and serves as chairman of the Senate Finance Committee.

+MORE CONNECTIONS

utilize renewable energy sources, and wise approaches for using every energy source.

<http://www.unm.edu/~market/cgi-bin/archives/003310.html#more>

teeth talk: Assistant professor of anthropology **Sherry Nelson** spends as much time peering at teeth as a dentist, but she is looking at teeth of animals that roamed the earth in the Miocene era between 6.3 and 12 million years ago.

<http://www.unm.edu/~market/cgi-bin/archives/003427.html#more>

it's a trap: Bacteria approach tiny microscopic spheres on a sterilized surface of a medical device. They are drawn into the hollow spheres where light is turned on them, pulling the trigger on a chemical reaction. They start to die. UNM Research Professor in Chemical and Nuclear Engineering and the Center for Biomedical Engineering **David Whitten** has spent the last decade working on electricity-conducting polymers.

<http://www.unm.edu/~market/cgi-bin/archives/003422.html#more>

plant power: Associate professor of chemical and nuclear engineering **Plamen Atanassov** is leading a team exploring the possibility of putting biofuel into a fuel cell, research that takes a step toward hydrogen- rather than petroleum-based economy. Biofuels are considered a renewable energy source since they are plant-based rather than petroleum-based.

<http://www.unm.edu/~market/cgi-bin/archives/003494.html#more>

MISCELLANEOUS CONNECTIONS

Centro Fox: UNM President **David Schmidly** and former Mexican President **Vicente Fox** recently signed an agreement that will enable UNM graduate students, faculty, and researchers to participate in collaborative cultural, educational, and research exchanges with scholars at Fox's newly established Centro Fox and that will lead to the creation of a Vicente Fox Chair in Democracy and Development for Latin America.

<http://www.unm.edu/~market/cgi-bin/archives/003639.html#more>

digital doings Because the UNM Board of Regents has approved a Bachelor of Fine Arts degree in interdisciplinary film and digital media, students are closer to achieving their goals of becoming digital artists, writers, gamers, entrepreneurs, engineers, critical thinkers, scientists, film and video makers, animators, storytellers, designers, computer scientists,

or educators using or developing the tools of digital media.

<http://www.unm.edu/~market/cgi-bin/archives/003578.html#more>

glad grads: UNM fall commencement took place on December 19 in the University Arena (The Pit). Degrees were granted to 1,551 students, as follows: 1,140 bachelor's degrees, 325 master's degrees, two post-master's, 63 doctorates, 12 juris doctorates, two medical doctorates, 6 pharmacy doctorates, and one education specialist.

<http://www.unm.edu/~market/cgi-bin/archives/003458.html#more>

fast track: The UNM Anderson School of Management has announced a new Accelerated Master of Business Administration program designed for those with an undergraduate degree in business.

<http://www.unm.edu/~market/cgi-bin/archives/003444.html#more>

minority degrees: A recent report by the Statistical Research Center, a department in the American Institute of Physics, lists UNM as one of the largest producers of physics degrees earned by minority students.

<http://www.unm.edu/~market/cgi-bin/archives/003418.html#more>

is that skunk? UNM evolutionary biologist **Jerry Dragoo** was featured in a PBS *Nature* documentary titled, "Is that Skunk?" The show covered a variety of skunk-related segments including Dragoo's sanctuary for skunks.

<http://www.unm.edu/~market/cgi-bin/archives/003548.html#more>

"Kee" to literacy: **Joe Kee**, UNM-Gallup's new full-time Navajo language instructor, understands the challenges of learning to read and write the language, even for a native speaker like himself. He is passionate about the difference literacy makes in ensuring the survival of Navajo culture. Now he is ready to help others in the Gallup area acquire those skills.

<http://www.unm.edu/~market/cgi-bin/archives/003579.html#more>

president & poet: **Ferenc Szasz**, Regents' professor of history, has written *Abraham Lincoln and Robert Burns: Connected Lives and Legends*, published by Southern Illinois University Press, 2008. Burns was once as popular in the United States as he was in his native Scotland, and Lincoln was a major fan.

<http://www.unm.edu/~market/cgi-bin/archives/003559.html#more>

compact version: **Gary Harrison**, UNM professor of English and Presidential Teaching Fellow, and his emeritus colleagues **Paul Davis**, **David M. Johnson**, and **John Crawford** have co-edited a new compact edition of their two-volume anthology, *The Bedford Anthology of World Literature/Compact Edition*.

<http://www.unm.edu/~market/cgi-bin/archives/003502.html#more>

album

Ed Wolfe, '68 BME, '73 MMUS, of San Dimas, California, has been devoting his time since retiring to composing chamber music, re-establishing his brass quintet, consulting for Bonita Unified School District, adjudicating for band, orchestra, and jazz festivals, and establishing a web presence to reconnect with many former acquaintances. (www.edwolfemusic.com; www.classicalmatters.com; www.classicallounge.com/edwolfemusic; www.MySpace.com/edwolfemusic; and www.facebook.com)

Mike Orenduff, '69 MA, completed his term as president of Bermuda College in 2004, his fourth presidency after the University of Maine at Farmington, the American University in Bulgaria, and New Mexico State. His second career is writing murder mysteries. His first novel, set in New Mexico, is *The Pot Thief Who Studied Pythagoras*, which won the Dark Oak Mystery Contest in 2007. The protagonist is a treasure hunter who was expelled from UNM and runs a pottery shop in Old Town. The cover features a blurb from New Mexico Governor Bill Richardson.

Hal Simmons, '69 JD, is the author of *Magic Lance, Mystery & Adventure in the New West*, a novel published by Clear Light Publishing, Santa Fe. Simmons lives in Albuquerque.

Les Bowles, '71 BBA, retired from American Airlines with almost 30 years of service. He flew the Boeing 757/767 for the last 17 years and was the Boeing 757/767 Fleet Manager at retirement. He now lives in Rome and works with the Italian Air Force at the Pratica de Mare airbase as a pilot-in-command consultant for the Boeing KC-767 airborne refueling program.

Sandra Ann Grisham, '71 BA, '73 JD, has been appointed to the 12th District Judicial Court to replace **Frank K. Wilson**, '76 JD. She had been a deputy district attorney in Alamogordo, New Mexico.

Dwayne E. Lillard, '71 BSCE, '81 MSCE, has joined Gannett Fleming in Albuquerque as senior geotechnical engineer.

Alex Pattakos, '71 BA, Santa Fe, has created a "Dr. Meaning" Channel on YouTube that is dedicated to the search for meaning in everyday life and work and draws upon the core principles introduced in his book, *Prisoners of Our Thoughts*.

HONOR A NEW GRAD!



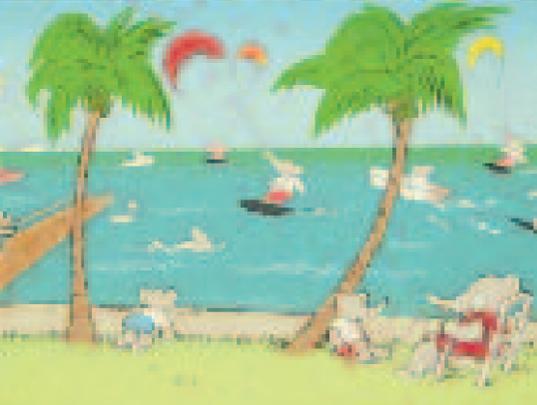
Honor a new graduate or commemorate your own or a loved one's days at UNM with a personalized brick in front of Hodgin Hall, the UNM Alumni Center.

Each \$100 purchase of a brick supports Hodgin Hall's maintenance and renovation as well as UNM Alumni Association projects.

New Grad Special! \$75 per brick for graduates within the past 5 years!

To purchase a brick, contact the UNM Alumni Association Office at 505-277-5808 or 800-258-6866. Find out more at <http://www.unmalumni.com/makegift/bricks.htm>.

+MORE CONNECTIONS



Babar! Laurent de Brunhoff's *Babar* has been entertaining children of all ages for decades, and now he has made a splash in Albuquerque. Tamarind Institute announces the availability of five original, hand-drawn lithographs created by de Brunhoff during his visit in 2008.
<http://www.unm.edu/~market/cgi-bin/archives/003667.html#more>

Quantum Quest: Looking for the 2009 edition of *Quantum*, UNM's publication for research, scholarship, and creative works? It is now available online at:
<http://research.unm.edu/quantum09>

HONORABLE CONNECTIONS

honored fellow: Ravinder K. Jain, professor, electrical and computer engineering and physics and astronomy departments, has been appointed a Fellow in the American Physical Society.
<http://www.unm.edu/~market/cgi-bin/archives/003531.html#more>

distinguished prof: Suleiman "Sul" Kassiech, Anderson School of Management endowed Chair in Economic Development and Regents' Professor of Management of Technology, was recently named Distinguished Professor of Management, the first in Anderson School's history. Kassiech founded UNM's Management of Technology Program and directs the UNM Center for Support of Economic Development.
<http://www.unm.edu/~market/cgi-bin/archives/003558.html#more>

well merited: Paul Andrew Hutton, UNM Distinguished Professor in the history department, has received the Award of Merit from the Western History Association.
<http://www.unm.edu/~market/cgi-bin/archives/003285.html#more>

water ways: Andrew Schuler, assistant professor in the department of civil engineering, has been awarded the 8th Annual Paul L. Busch Award from the Water Environment Research Foundation for his research on the biological processes in wastewater treatment.
<http://www.unm.edu/~market/cgi-bin/archives/003327.html#more>

community contact: The UNM School of Medicine has been named 2008 recipient of the prestigious Spencer Foreman Award for Outstanding Community Service by the Association of American Medical Colleges. The award recognizes the school's longstanding commitment to addressing community needs with non-traditional programs.
<http://www.unm.edu/~market/cgi-bin/archives/003279.html#more>

BUILDING CONNECTIONS

make ready for classes: UNM has formed a partnership with the Sandia Foundation to build the first building located at the new UNM West campus in Rio Rancho. It is anticipated the building will be completed in time for classes to begin for the spring semester of 2010.
<http://www.unm.edu/~market/cgi-bin/archives/003384.html#more>

marketing maker: UNM Anderson School of Management has opened its new, state-of-the-art Student Marketing Center that serves as a lab, studio, and collaborative learning space for students enrolled in upper-division marketing courses and also houses the UNM student chapter of the American Marketing Association.
<http://www.unm.edu/~market/cgi-bin/archives/003480.html#more>

channeling ducks: Rubber ducks sailed down the channel at UNM's new hydraulics laboratory as part of the official celebration of the opening of the lab. The channel is altered to mimic unusual storm water channel designs. Students alter the designs to improve hydraulic efficiency and sometimes the structure's ability to remove debris.
<http://www.unm.edu/~market/cgi-bin/archives/003344.html#more>

STUDENT CONNECTIONS

building for the future: UNM students Chad Harris and Jose Holguin, School of Architecture and Planning, received Merit Citation awards in the Leading Edge Design Competition for their project [future]scaping, undertaken in Kristina Yu's design studio. It is the first time UNM student work has garnered recognition in this international competition.
<http://www.unm.edu/~market/cgi-bin/archives/003320.html#more>

nursing scholar: College of Nursing doctoral student Melanie Phipps-Morgan was one of 11 nursing students nationally selected to receive the American Association of Colleges of Nursing Minority Nurse Faculty Scholarship.
<http://www.unm.edu/~market/cgi-bin/archives/003343.html#more>

veteran salute: "Absent, Sir!" The short, staccato phrase hung in the air repeatedly as three University of New Mexico ROTC students answered when a list of names was read aloud on a brisk New Mexico Veterans Day morning. The names were of those New Mexicans killed in the Afghanistan and Iraq military theaters since 2002.
<http://www.unm.edu/~market/cgi-bin/archives/003379.html#more>

model policy-making: Each fall for the past 19 years, the Model Organization of American States has gathered in a general assembly to give university students a crash course in international policy

making. This year was the first time the University of New Mexico participated.
<http://www.unm.edu/~market/cgi-bin/archives/003387.html#more>

great grad! UNM-Taos General Education Diploma graduate Geneva Vigil recently won the New Mexico GED Student of the Year award by the New Mexico Adult Education Association.
<http://www.unm.edu/~market/cgi-bin/archives/003389.html#more>

design doozy: Graduate architecture student Mark Paz recently won the third annual design competition sponsored by the American Institute of Architecture Students and Kawneer Company. The competition challenged students to design a library while learning about building materials, specifically architectural aluminum building products and systems.
<http://www.unm.edu/~market/cgi-bin/archives/003609.html#more>

difficult wait The inspirational story of UNM sophomore Page Brown aired on *The Real Winning Edge* TV series in February. Brown competed for seven years before she was selected to represent the US National Team for Difficulty Climbing.
<http://www.unm.edu/~market/cgi-bin/archives/003630.html#more>

For all the latest campus news and events, visit
<http://unmtoday.unm.edu/>

album

Jerry Schleicher, '71 BUS, has released a new CD of humorous cowboy poetry, *The Missouri Matador*. Jerry is a member of the Missouri Cowboy Poets Association and the Academy of Western Artists, a magazine columnist, and a cowboy poet and humorist who performs at festivals, fairs, and farm shows throughout the Midwest. He resides in Parkville, Missouri.

Rick Gallegos, '72 BBA, is now president of MyBank. The 36-year banking veteran previously worked at MyBank in the role of senior loan officer. He resides in Albuquerque.

Carol Yarnall, '72 MAPA, has been promoted by Sandia National Laboratories to director of the Supply Chain Management Center. She resides in Albuquerque.

James Boswell, '73 BS, has opened the northern Colorado office of Technology Vision in Action in Fort Collins. The firm is dedicated to turning entrepreneurial vision into effective action through business development, marketing, operations, and sales. He was accredited as one of 5000 Associates of the Institute for Independent Business.

Herbert Hammond, '73 BS, is listed in *The Best Lawyers in America 2009*. He is with Thompson & Knight in Albuquerque.

Ernest Street, '73 BA, an original member of the Office of the Chief Medical Investigator, has retired from the Laboratory Corporation of America (LabCorp) after 35 years in the field of forensic toxicology. A Fellow of the American Academy of Forensic Sciences, Ernest will live in Austin, Texas, and continue to work as a consultant for the US government's National Laboratory Certification Program.

Suleiman Kassiech, '74 BS, '75 MBA, has been promoted to the rank of Distinguished Professor at the Anderson School of Management at UNM where he has been on the faculty since 1981.

Liz Davenport, '75 BA, is a chaos consultant. Through her business, Order From Chaos, she has been helping people gain control of their workspaces and their lives for the past 13 years. Liz lives in Cross Plains, Wisconsin.

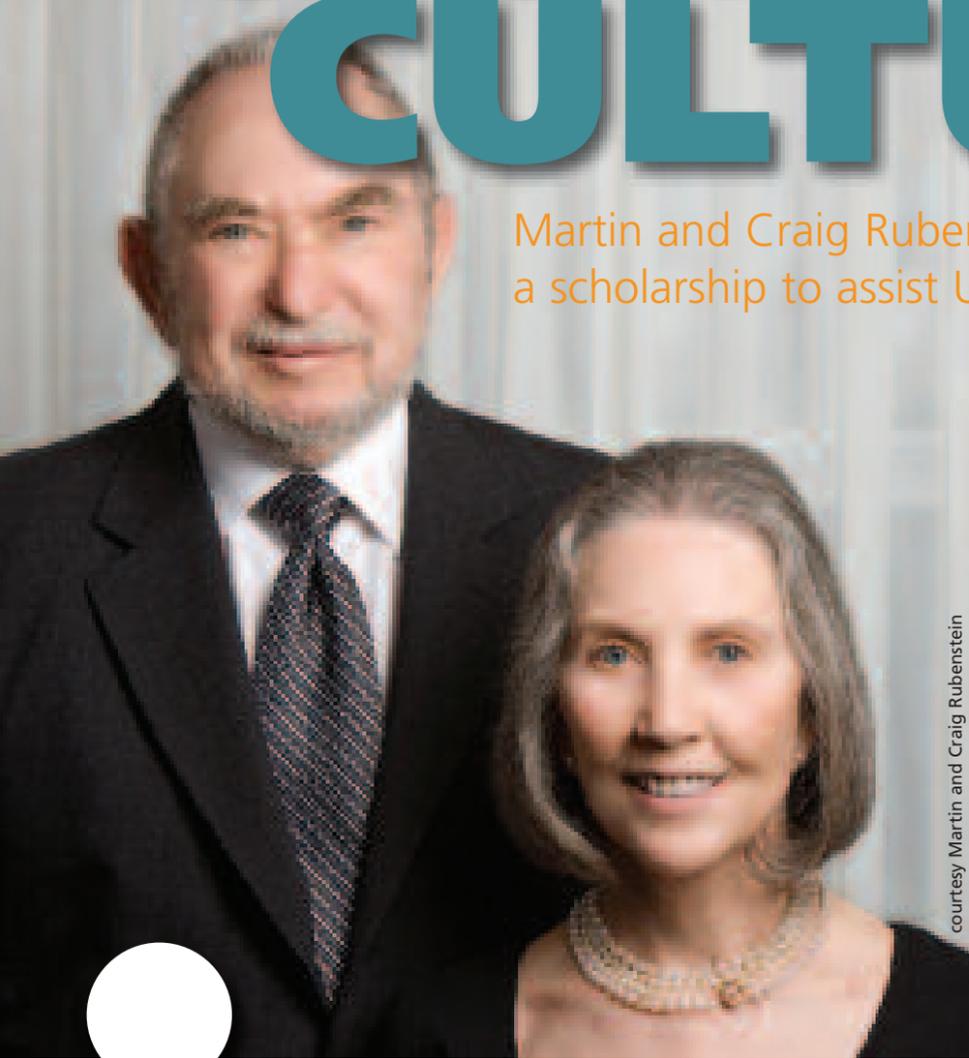
David A. Mraz, '75 BSED, '89 MA, is having his first book published this spring by Ten Speed Press of Berkeley, California. The children's picture-book is entitled *Little Goose*. David lives in Albuquerque.

Michael Kroth, '76 BAFA, '92 MBA, '97 PhD, has an article, "Rain," in the November 2008 issue of his newsletter (www.michaelkroth.com). Michael lives in Boise, Idaho.

a CROSS-CULTURAL GIFT

BY MICHELLE G. McRUIZ

Martin and Craig Rubenstein have established a scholarship to assist UNM-Gallup students.



courtesy Martin and Craig Rubenstein

The Martin and Craig Rubenstein Scholarship Fund for Professional Programs will benefit Native American students attending UNM's Gallup campus. For the Rubensteins, focusing on two-year medical professional programs—which will prepare students for careers as nurses and medical, dental, ultrasound, and X-ray technicians—has practical value.

“These are programs that people can start and finish without committing the time for a four-year program,” says Craig. “They need something that will help them get jobs, and they can also use this knowledge with their families.”

At UNM-Gallup, Native Americans make up 80 percent of the UNM student body, which is approximately 3,000. The Gallup campus boasts the largest Native American student body of any public university in the world. Gallup is located in McKinley County, which is the poorest county in the state and one of the poorest in the country. Scholarships like the Rubensteins’ play a vital role in helping individuals prepare for rewarding careers. The resultant benefits are significant. More Native Americans can receive financial aid to attend college without having to leave their communities. College degrees correlate to better pay, which improves Gallup’s economic sustainability. And the students gain a sense of accomplishment.

It’s easy to dwell on bad news—especially lately, when there’s much to go around. But people like Martin, ’49 BA, and Craig Rubenstein offer reassurance that good news still can be found. The husband and wife are longtime philanthropists, but their recent establishment of a scholarship fund is something of a departure for them. Their gift to UNM will help people whom they don’t know, in a community far from their Austin, Texas, home, and in a discipline unrelated to their professional backgrounds.

A FORTUITOUS DETOUR

Martin first came to New Mexico in July 1946 when returning from active duty in the South Pacific. Having missed his designated transportation home to St. Louis, Missouri, Martin took the California Limited train, which made a stop in Albuquerque. Martin liked what he saw so much that he decided to leave Washington University in St. Louis and transfer to the University of New Mexico. In 1949, he earned a bachelor’s degree in political science with a pre-law concentration. But it was the automobile industry, not politics or law, that beckoned to him after graduation. He worked for a while in his father’s auto parts and accessories business, but felt it wasn’t a good fit for him and instead applied his talents to new-car dealerships. During the course of his 30-plus-year career, he owned a number of auto dealerships in the Dallas area, served as director of the Dallas New Car Dealer Association, and was involved in other businesses.

While Martin was making a name for himself, a young woman named Craig was finishing her undergraduate degree in liberal arts at East Texas State University (now Texas A&M at Commerce), graduating in 1957. Martin and Craig met in Dallas, fell in love, and married in 1964. The couple shared a passion for traveling and collecting fine art.

For information on making gifts to UNM’s branch campuses in Gallup, Los Alamos, Taos, or Valencia, please contact John W. Welty, vice president for university development, UNM Foundation, at 505-277-2847.

GOODWILL HUNTING

In 1982, Martin retired and the couple moved to Vail, Colorado, where Martin became an avid skier. During a road trip from Vail to visit friends in Arizona, Martin felt “taken aback by the poverty of the Indians in western New Mexico,” he says. “That’s how I first became interested in helping Native Americans.”

Craig missed Texas after 16 years in Vail, so they relocated to Austin in 1998. Spending their summers in Santa Fe to escape the oppressive south Texas heat kept the couple connected to New Mexico and to UNM. Martin never forgot his desire to assist Native Americans, and he and Craig decided to establish a scholarship fund.

A PHILOSOPHY OF GIVING

Martin and Craig got into the philanthropic spirit while living in Vail, and have continued in the same spirit in Texas, supporting numerous arts, youth, and health projects. Philanthropy is Martin and Craig’s way of returning the favor to an institution that provides a lot of satisfaction for its supporters. It helps ensure that an institution will continue to provide valuable services to the community. But there’s another reason why Martin and Craig have reached across cultures to make a gift to benefit UNM-Gallup students. “It makes one feel better,” Martin says simply.

album

John Petronis, '77 MARC, '87 MBA, was named the School of Architecture and Planning's 2008 Distinguished Alumnus of the Year. John is the founder of Architectural Research Consultants, in Albuquerque, which helps clients make informed decisions about their building plans.

Kenneth D. Stalter, '76 BS, '82 MD, “submitted” Mt. Everest from the southern route on May 21, 2008, after being stopped by the threat of bad weather on two previous attempts. He is a general surgeon in Franklin, New York, where he lives with his wife, **Janice Stalter**, '74 BA, '82 MD.

Kent Walz, '76 JD, has been inducted into the New Mexico Press Association Hall of Fame. Kent joined the *Albuquerque Journal* in 1984 and was named editor in 1995. He has been dedicated to open government and press freedom, helped found the state Foundation for Open Government, and served as president of the New Mexico Press Association.

Frank K. Wilson, '76 JD, has retired from the 12th Judicial District Court where he served for 14 years. He lives in Alamogordo.

Peter R. Gerdeman, '77 BS, '77 BAE, after completing 26 years active and reserve duty as enlisted and officer, US Navy, is now the technical director, Joint Networking Radios, MITRE Corporation, in San Diego, California.

James B. Lewis, '77 MAPA, New Mexico State Treasurer, has been elected to a second term as president of the Western State Treasurers' Association. James lives in Albuquerque.

Marlin Mackey, '77 MAPA, was appointed last fall by New Mexico Governor Bill Richardson to serve as Secretary of Information Technology. He lives in Santa Fe.

Nina Johnson, '78 BUS, is the new constituent development officer for Popejoy Hall. She lives in Albuquerque.



REGINA CHAVEZ

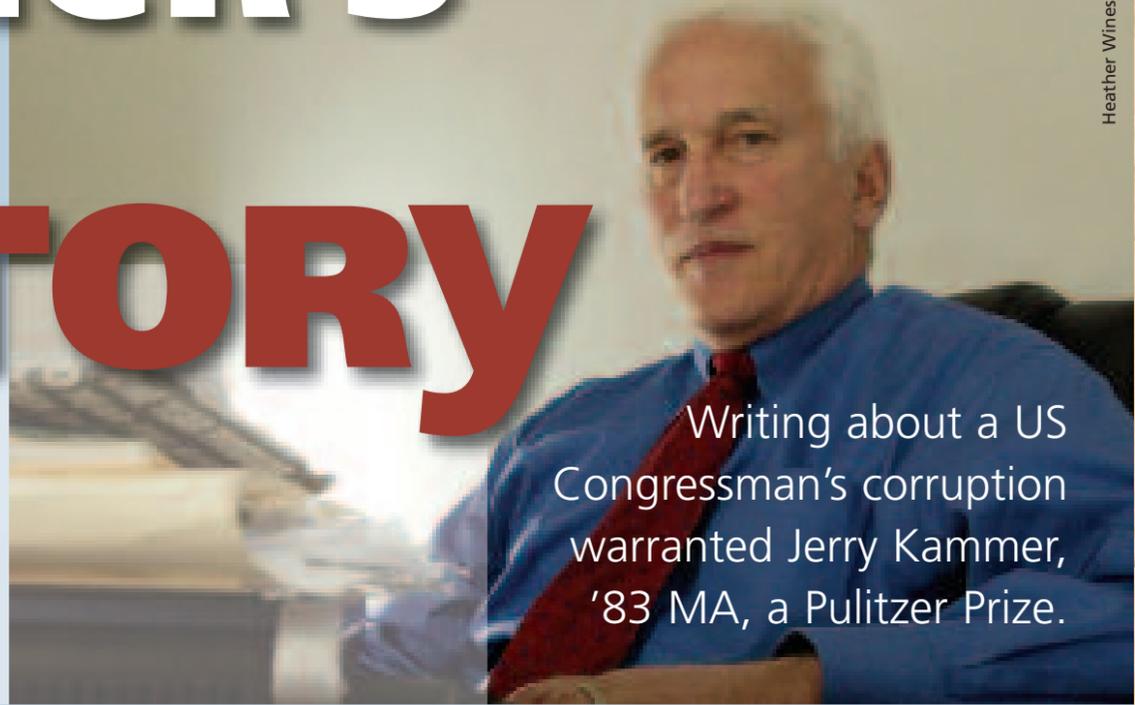
Regina Chavez, '79 BUS, '99 MCRP, is the new executive director of the Albuquerque Museum Foundation.

ALUMNI PROFILE

JERRY KAMMER'S

Really Great Story

BY CAROLYN GONZALES



Heather Wines

Writing about a US Congressman's corruption warranted Jerry Kammer, '83 MA, a Pulitzer Prize.

Jerry Kammer, '83 MA, received the Pulitzer Prize for national reporting in 2006. Today, he says, that story would have a hard time finding its way into print.

"In a news agency, investigative reporting is often a first casualty in an economic crisis because it is capital- and labor-intensive. It can take weeks or months to get the story out," he says.

Jerry and his colleague Marcus Stern received journalism's highest award while on the staff of Copley News Service, owner of the *San Diego Union-Tribune*. The two were noted by The Pulitzer Board for "their disclosure of bribe-taking that sent former US Representative Randy 'Duke' Cunningham, R-Rancho Santa Fe, California, to prison in disgrace."

Kammer and Stern's stories examined and uncovered the dealings of Cunningham, who "traded lucrative defense contracts for millions of dollars in cash, lavish antiques, and other payoffs," according to an April 18, 2005 story in the *Union-Tribune*. Initially, Cunningham denied wrongdoing but later resigned from office and pled guilty to accepting \$2.4 million in bribes.

Stern had long been suspicious of Cunningham and conducted a "lifestyle audit" of him. "He assessed how he was living. He looked at real estate records—which are public records—and discovered that Cunningham had

moved into an affluent San Diego area after selling his house over value to a defense contractor who continued to get appropriations," Jerry explains.

Jerry's role in reporting was to show how Cunningham was a central figure in the network of lobbyists, defense contractors, and others who received contracts. "There were tens of millions of dollars in earmarks," he says.

With Copley News Service's Washington bureau closed, Jerry says, "Cunningham's corruption would not be discovered."

Jerry earned his undergraduate degree from Notre Dame in 1971. His first reporting job was at the *Navajo Times*. "They reported about me and the Pulitzer; that meant a lot to me," he says. He lived on the reservation and worked as a teacher, coach, and even a bus driver. He was enchanted with the landscape and intrigued by events taking place upon it. He wrote *The Second Long Walk: the Navajo-Hopi Land Dispute*, published

by UNM Press in 1980. While writing the book he taught English composition at UNM-Gallup. "It didn't pay much, but it did cover tuition and provide a stipend," he says.

He decided to pursue a master's degree because he wanted to teach, and the advanced degree was required. He chose American Studies because of its breadth. "American culture, literature, politics, and history are all a part of its eclectic nature," he says.

GO WEST... AND EAST

The power of the press pulled him west again and in 1986 he went to the *Arizona Republic*. He covered the Mexican border, reporting extensively on the *maquila* industry. Within two years he was in on the investigative team in Phoenix where he reported on one of the biggest financial and political scandals in US history. For the next four years, he covered the story of a Phoenix financier, Charles Keating, the poster boy of the national savings and loan scandal.

"I'm intrigued by white-collar crime. It is a sickness in society that undermines the belief in our institutions," he says.

Jerry became *Arizona Republic's* correspondent in Washington, DC in 2000. Two years later, he joined Copley News Service, specializing in immigration and US-Mexico relations. In 2005, his investigative skills were tapped to work on the Cunningham bribery scandal.

WORTHY WATCHDOG

Jerry's passion about journalism's role is palpable. "Good solid beat reporters are being lost. There is an essential role to provide information necessary for US citizens to govern themselves. It is not good for democracy when the watchdog function of journalism is de-funded. People in power have a conscience when they are being watched."

He warns, "A healthy democracy needs solid news. We invite abuse when we don't have reporters digging through

documents to reveal what is being done by agencies and elected officials."

He says that he felt fortunate to work in the "golden age of news," when the industry was still an "active, energetic, and dynamic system."

Jerry received the Robert F. Kennedy Award for his reporting in Mexico. For his reporting on Keating, he received the National Headliner Award for investigative reporting, the Gerald Loeb Award for Business and Financial Reporting, and the Arizona Press Club's Don Bolles Award. He now works in Washington, DC, in the Center for Immigration Studies.

"Writing a good story is like having a crush," Jerry recently said at a Penn State conference. "You're excited about it, interested in it, give it your attention, and want to know as much as you can. Then, you move on. Really great stories are like love affairs; they engulf you and maybe even define your career. Journalism is like life that way: you should have some crushes and everyone should be lucky enough to have a great love affair."

album

Alan Malott, '79 JD, has been named by New Mexico Governor Bill Richardson to fill one of three vacancies in the civil and family court division of the Second Judicial District Court. He resides in Albuquerque.

Richard Melzer, '79 PhD, of Belen, New Mexico, is the author of *Fred Harvey Houses of the Southwest* (UNM Press), a book of vintage photographs and picture postcards that captures the bustle of business activities, the life of the waitresses and other employees, and the tourists who visited the Southwest.

Latayne C. Scott, '79 BUS, is having her 14th and 15th books released this spring: *The Mormon Mirage*, third edition (Zondervan), and *Latter-day Cipher* (Moody), a murder mystery and her first published novel. Her web site is www.latayne.com. Latayne lives in Sandia Park, New Mexico.

Tim Garcia, '80 BBA, '84 JD, has been appointed to the New Mexico Court of Appeals by Governor Bill Richardson. He lives in Santa Fe.

Carl Lovato, '80 BSCE, is now Moriarty's (New Mexico) city engineer. Carl lives in Edgewood.

Jerry Walz, '80 JD, has been named to the Western New Mexico University Board of Regents by Governor Bill Richardson. Jerry lives in Cedar Crest.

Alyce Schultz, '81 BSNU, '83 MSNU, has been named the UNM College of Nursing's 2008 Distinguished Alumna. She recently formed Alyce A. Schultz & Associates, her consulting company for evidence-based practice and clinical research. She lives in Chandler, Arizona.

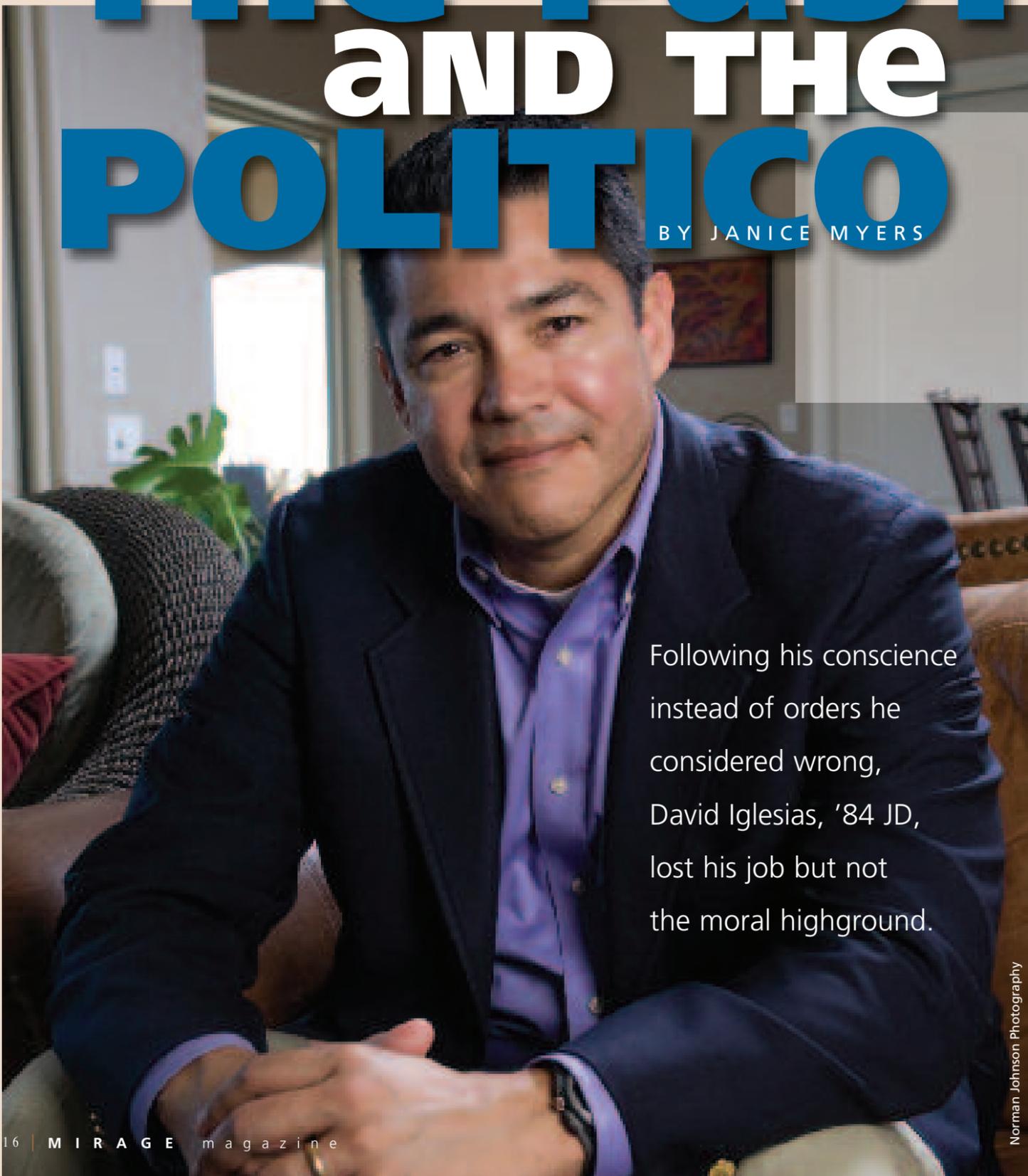
Henrietta Mann, '82 PhD, has received the Distinguished Alumni Award from Oklahoma State University American Indian Alumni Association. Her photograph was featured on the cover of the *OSU Alumni Magazine*. Henrietta lives in Weatherford, Oklahoma.

Joseph F. Medina, '82 BSHE, is CEO and manager of Home Clean Home residential cleaning services in Española, New Mexico. The company services Española, Los Alamos, Santa Fe, and surrounding communities.

Michelle D. Cook, '83 BAFA, celebrates the tenth anniversary of her ceramics business, Leroy & Willy Dinnerware for cats, dogs, and their humans. See www.leroyandwilly.com. Her fine-art prints are represented by IAC Contemporary Art at www.iac2.com.

THE PASTOR AND THE POLITICO

BY JANICE MYERS



Norman Johnson Photography

Following his conscience instead of orders he considered wrong, David Iglesias, '84 JD, lost his job but not the moral highground.

C

Claudio Iglesias was proud of his son when he graduated from UNM law school. He was pleased as punch to welcome a charming and beautiful daughter-in-law to the family. And he was busting his buttons each time his son and daughter-in-law presented him with one of four lovely granddaughters.

But it's safe to say that the late Baptist minister's proudest moment was when his son said no.

That son, David Iglesias, will forever be known as one of seven highly rated US attorneys fired for refusing to compromise their principles.

"US attorneys are supposed to be protected from politics," says Iglesias, who realized only in hindsight that he'd as much as written his own pink slip when he declined to bring what he considered overblown and unprovable voter fraud cases to trial in the weeks before the 2006 election. The publicity from those cases could have tipped the election toward the Republicans.

SHOCK AND AWE

Stunned as he was by his own dismissal on December 7, 2006, Iglesias soon learned that he was in good company. In short order, the Bush administration's Justice Department fired six more US attorneys for what were perceived as similar acts of

insubordination. Two others had been fired earlier in 2006. And before it was over, Attorney General Alberto Gonzales and many other high-ranking Justice Department officials would fall on their swords before a Congressional inquiry.

In retrospect, Iglesias admits that he was somewhat naïve—although the evangelical Christian attorney stresses the word "somewhat." Having been a candidate for public office (he ran unsuccessfully for New Mexico Attorney General in 1998), he understood that compromise was the art of politics.

GROWING UP IN PARADISE

David Iglesias' upbringing was hardly your average American story. His father and mentor, Claudio, was born in 1923 on a small island off the coast of Panama. The son of a medicine man and a member of the Kuna Indian nation, Claudio was shipped off to the United States at the age of 13 in hopes that he might receive a formal education.

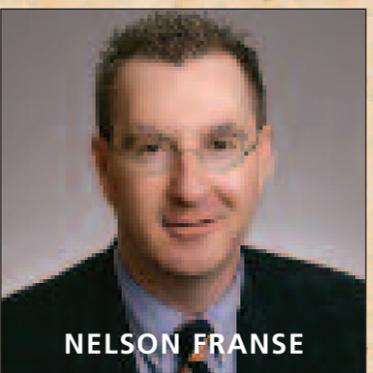
SERVING HIS COUNTRY AGAIN: Fired from his job as US attorney in 2006 by former Attorney General Alberto Gonzales, David Iglesias is back on active duty with the US Navy JAG Corps, prosecuting terrorist cases out of Guantánamo Bay, Cuba.

album

Lt. Col. **R. David Fass**, '83 BA, '93 MBA, received his PhD in management, concentration in research methods, from New Mexico State University last year. David is currently an associate professor at the Air Force Institute of Technology at Wright Patterson Air Force Base in Dayton, Ohio.

Charles V. Garcia, '83 BBA, has joined the Miller Stratvert law firm in Albuquerque.

Gary Gordon, '83 BBA, '86 JD, has been named treasurer of Albuquerque Academy, a continuation of his past involvement there. Previously, Gary served as a trial lawyer at the Miller Stratvert firm.



NELSON FRANSE

Nelson Franse, '84 BUS, '87 JD, has been selected as a Fellow of the Litigation Counsel of America. He is a shareholder in the Rodey Law Firm and the leader of the Albuquerque firm's Professional Liability Practice Group.

Julie Downs Goodnight, '84 BAR, has announced the second season of her horse-training television show, "Horse Master with Julie Goodnight" (DirecTV, channel 379, Dish 231, Verizon, and charter cable). She travels the country to work with horses and riders in her clinics while shooting her television makeover show, which won multiple awards (including a Telly and two Aegis awards) in its first year. Julie lives near Salida, Colorado.

Albert J. "Scooter" Mitchell, Jr., '84 JD, of Tucumcari, New Mexico, has been sworn in as a judge. Administering the oath of office was **William Lang**, '79 BA, of the 2nd Judicial District.

Sherry Robinson, '84 BA, is coauthor with David L. Durgin of his autobiography, *Entrepreneur to Investor The Hard Way* (Sunstone Press, Santa Fe), in which he discusses obstacles to tech transfer, looks at New Mexico's evolving business climate, and presents a recent history of Albuquerque. Sherry lives in Albuquerque.

Deborah Jacobson Van Vleck, '84 JD, last year, was appointed a US Administrative Law Judge for the West Des Moines Social Security Administration Office of Disability Adjudication and Review.

David A. Finlayson, '85 BBA, '93 JD, '93 MBA, has joined Barlow & Wilcox in Albuquerque. His practice is business and corporate law, commercial transactions, estate planning, and probate.

L. Luis Lopez, '85 PhD, has published three books of poetry. *Musings of a Barrio Sack Boy*, *A Painting of Sand*, and the most recent, *Each Month I Sing* (Farolito Press). He presently teaches Latin, ancient Greek, and mythology at Mesa State College in Grand Junction, Colorado.

Lora Lee Ortiz, '86 BA, is executive director of Mothers Against Drunk Driving in Albuquerque.

Beth Soybel Porter, '85 PhD, '93 MD, is an urgent care physician with ABQ Health Partners.

Mary Ann Cuneo, '87 BA, '95 JD, has joined Barlow & Wilcox in Albuquerque as an associate practicing in the area of estate planning, estate administration, and asset transfer.

Loretta Córdova de Ortega, '87 MD, now chairs the department of pediatrics at the UNM School of Medicine.

Manuel Varela, '87 BA, '89 MS, '94 PhD, has been promoted to professor of biology at Eastern New Mexico University in Portales where he teaches courses in microbiology and conducts research in the area of microbial physiology.

Krista Brown, '88 BUS, has been named 2008 Regional All Star of the Southwest for Whole Foods Market. The Dallas resident is a director of store promotions and marketing.

Daren W. Parks, '88 BA, '93 MS, has rejoined Defined Fitness in Albuquerque as the regional athletic director.

Scott E. Turner, '88 BA, '92 JD, has opened the Turner Law Firm in Albuquerque. The firm's primary areas of focus include litigation and transaction work in the areas of real estate, business, commercial, contracts, and entity formation and maintenance.

Eric DeBonis, '89 BSME, '97 MS, was recently promoted to vice president of Southwest Gas, Central Arizona Division, located in Phoenix. Eric and his wife, **Sonny Yeats DeBonis**, '92 BSCP, live in Scottsdale.

At the University of Oklahoma, Claudio met Margaret Geiger, who had been a missionary in southern Mexico with Wycliffe Bible Translators. It was a match quite probably made in heaven: the two married in 1949.

Claudio, who had become a Christian early in life, yearned to return to his roots. After refreshing his Kuna language skills and earning a college degree, he and Margaret set sail for the tiny Caribbean island of Mulatuppu, near Colombia. They worked first as independent missionaries and then joined the Southern Baptist Convention as missionaries affiliated with Wycliffe Bible Translators.

Claudio and Margaret's good works would fill volumes, but perhaps their greatest contributions were building a school and helping to create a Kuna alphabet so that the language could be written as well as spoken. They spent a total of 17 years as missionaries.

David remembers happy times growing up on the island, where his father also blossomed. He remembers the Bible precepts his parents taught him and their service as pastors-of-all-

trades. He remembers their love and the charisma of Claudio.*

FOOTNOTE: Claudio Iglesias died on December 1, 2008.

All of which is prologue to the moment.

WORKING WITHOUT A NET

If there's a question begged by David Iglesias's story, it's this: is "moral politician" an oxymoron? Is it possible to traverse the wobbly high wire between ethics and politics, between doing what's right and doing what's expedient?

Yes, says Iglesias, but it's very difficult. "Power, money, and fame go together," he says. "Once you get a taste of one, it's difficult to resist the other two." Indeed, it's the rare politician who doesn't yield to their siren song.

But it's not power, money, or fame that Iglesias considers the proximate cause of the Justice Department's fall from grace. "I don't think any of this would have happened if it weren't for 9/11," he says. "The attacks were, in my mind, equivalent to the bombing of

Pearl Harbor. I think that was the first time my legs actually buckled under me."

While some of us sat nursing our emotional wounds, the administration felt it was incumbent on them to prevent another attack, whatever the cost. Iglesias himself went out and gave talks touting the original Patriot Act. "It provided sweeping powers for the government, but in the wake of 9/11, they seemed appropriate," he says. For the administration, securing the next election was requisite to securing the country.

As the Justice Department official in a border state, Iglesias' focus immediately became issues of illegal immigration: preventing terrorists from entering the US. Concentrating on prosecuting such cases earned him high marks in his performance reviews by the Justice Department, but left him less attuned to what was going on in Washington.

PLAYING THE "RELIGION" CARD

Some characterize Karl Rove's political strategy as portraying one party

(Democrats) as bad people and the other (Republicans) as good. As a conservative, perhaps Iglesias didn't perceive the sting, but the 2000 campaign lay the groundwork for an eight-year series of religious and ideological skirmishes between the right and the left.

Though David Iglesias and George W. Bush technically started out with a shared religious ethos, at some point their paths began subtly to diverge. Early in his tenure, however, Iglesias saw only glimmers of misplaced allegiances.

It was in this spirit of personal and political solidarity, says Iglesias, that late in the summer of 2002, he and every other US Attorney received an e-mail from the Justice Department "...suggesting, in no uncertain terms, that we should all immediately begin to work closely with election officials at the state and local levels to offer whatever assistance we could in investigating and prosecuting voter fraud cases." (*In Justice*, p. 82.)

While officials may have cast this obsession as an honest interest in "reform," to Iglesias it sounded more like caging, an active attempt to bar legitimate voters from casting their ballots.

Still, engrossed as he was in preventing terrorists from crossing New Mexico's border, he brushed off such Justice Department directives. His performance won him high praise in his evaluations by administration officials, his office staff operated as mutually supportive teammates, and he was proud of what he was able to achieve.

Perhaps he felt, as many of us do, that we can accomplish good even in less-than-ideal situations.

FURIOUS—AND FORGIVING

The facts of this case have been copiously covered in the media—in just two years, Iglesias has given more than 200 interviews. Time, the

peculiarities of our popular culture, and the peephole of history will determine if it's remembered as a watershed moment when a nation decided that, in the United States of America, the ends do not justify the means.

The far more interesting question is how to reconcile a deep faith in God with the duties of public service. While some evangelical Christians look to the Bible for exact instructions on how to behave in life, it's not always clear how to apply Biblical principles to a world where hundreds of people with varying agendas influence the breakneck pace of politics.

Iglesias's experience has taught him many lessons. "No particular religious group has a monopoly on morality and decency," he says. "I've met Christians, Jews, Muslims, and Buddhists who all hew to the same moral standards I do. And I relearned something that I had always known: that whether liberal or conservative, power has to be checked."

One Biblical admonition is not quite as ambiguous as others—Christians are to forgive their enemies. It's a process that Iglesias has engaged in, over and over. "I'll be going along fine," he says. "I'll feel as though I've forgiven the administration for implying I was fired for poor performance, which was so wounding because it was so untrue. Then I'll hear something on television or read something and I'll get furious again, and I'll have to start over. Forgiveness isn't a one-time thing: it's a process."

Nobody knows how he or she would act in a morally murky situation. Few of us have been tested in so public a forum. But Iglesias found he had the moral chops to say no.

And he's proud to say he survived his baptism by firing.

Note: The views expressed are personal views of David Iglesias and should not be considered the official views of the US Navy or any other US Government organization.

CAREER NOTES

David Iglesias' career highlights include much more than his famous firing from the US Attorney General's Office.

Two years after having been fired by the Bush administration in 2006, David Iglesias, '84 JD, was mobilized into active duty status as captain with the US Navy JAG Corps to prosecute terrorist cases out of Guantanamo Bay, Cuba. It's "the most important work I've done in my 24 years of active and reserve duty," he says.

As a JAG in 1986, David had been a member of the legal team working on a case involving the assault of a fellow Marine at their base in Guantanamo Bay, which inspired the film *A Few Good Men*, with Tom Cruz and Jack Nicholson.

From 1988 to 1991, David was a New Mexico assistant Attorney General. From 1991-1994, he was an assistant city

attorney for the City of Albuquerque. In 1995 David was a White House Fellow. He worked from 1995 to 1998 as chief counsel for the New Mexico Risk Management Legal Office, followed by three years as general counsel for the Taxation and Revenue Department. He ran for New Mexico Attorney General as a Republican in 1998, but lost to Democrat Patricia A. Madrid. At the time of his appointment in 2000 as US Attorney, he was an associate with the law firm of Walz and Associates in Albuquerque, as well as a Commander in the US Naval Reserve JAG Corps.

David is the author of *In Justice: Inside the Scandal that Rocked the Bush Administration* (John Wiley & Sons: 2008).

TASTEMAKER THAT MAKES SENSE!

album



Norman Johnson Photography

BY CYNTHIA SCHAEIDIG
AND DANA RIVERS

PERSONAL CHEF Janice Briones Laird, '85 BSHE

Janice Briones Laird has always loved to cook. She feeds her children's friends. She fed the balloon crew who accidentally landed in her yard. She feeds anyone who walks through her door. She feeds the homeless, explaining, "I want to share my life and my cooking with as many people as I can." Undoubtedly, Jan would like to feed the world.

Jan has also always loved to teach. In pre-school, she was already playing "teacher." These two passions, teaching and cooking, have provided the foundation for Jan to become a successful entrepreneur, cooking for others and teaching her cooking skills.

Jan is clearly an enterprising person. Growing up in Santa Fe, with loving parents who were not great cooks, Jan and her family typically ate canned corn or green beans and Shake-n-Bake pork chops. However, her aunts, the good cooks, inspired young Jan. Family BBQ's were the tradition, so Jan grew up knowing that food and fun belong together. By sixth grade, Jan was making her own salad dressing and homemade macaroni and cheese to share with hungry friends.

According to Jan, "Good nutrition starts at home." She home-schooled four of her seven children, including teaching them to grow and prepare their food. Except for an occasional Dion's pizza, her kids don't like fast food; instead, they bring their friends home for Mom's cooking, so much tastier than bland burgers and fries. Jan is delighted.

Jan currently owns and operates a catering and personal chef business, "Jan Cooks for You." As personal chef, Jan cooks for a variety of clients: some on specialized health diets, others simply feeling too busy to cook for themselves. The business is truly a family affair. Her husband, CE, is an excellent baker who often bakes wedding cakes or other celebratory desserts. Their children, now young adults, pitch in as well, from cooking and serving to washing dishes. Their motto is aptly stated: "We work as a family."

Jan's newest venture, "Jan's on Fourth," is a cooking school scheduled to open this spring. CE renovated an old adobe home on 4th Street, north of Alameda. The building now boasts a new commercial kitchen, is handicap accessible, and has a cozy dining room with fireplace and plastered adobe walls, where students can enjoy their cooking endeavors. In back, a large portal is ready for grilling classes and outdoor parties. Students should come prepared to don aprons, hone their cooking skills, and celebrate their success.

"Jan's on Fourth" will utilize a hands-on learning approach to mouthwatering home cooking. Basic cooking classes will include trips to the grocery store where students will learn how to accurately read packaging labels and choose the freshest, healthiest foods. "Cooking doesn't have to be hard," Jan emphasizes. She purposely chooses recipes that are not too difficult

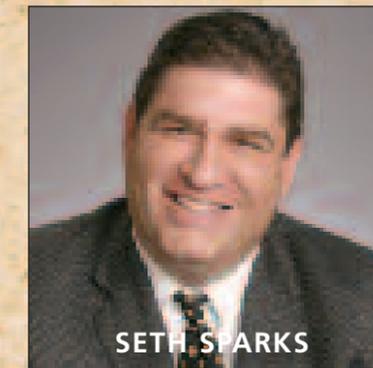
and that require only commonly available ingredients. She wants her students to gain confidence, so upon returning home they will prepare the dishes again and continue to broaden their skills.

The school will offer a variety of classes, including advanced cooking classes, local cuisine lessons for visitors to New Mexico, one-on-one tutoring, and a kids' camp for teaching children how to cook for themselves. With entrepreneurs in mind, Jan will also offer business and corporate team-building seminars in which participants cook and eat together, as well as private parties that she will prepare and host.

Just as she relishes Albuquerque's local cuisine, Jan also enjoys foods from around the world. Avid travelers, she and CE never tire of sampling specialties from each new destination. They purposely seek out restaurants frequented by locals, to "eat what the locals eat." In Italy, it was wild boar. In Chinatown, they didn't know what it was, but it was nonetheless fantastic, doused with red chilies in a pungent oyster sauce.

"One person CAN make a difference," Jan contends. "I'd like to be that person that changes people's lives for the better using my skill of cooking." Although not shy about voicing their opinions—"We'd like more potatoes." "No more rice; we get too much of that at the shelter." "No green chiles; we're from Chicago"—the homeless people who get to enjoy Jan's cooking once a month at Coronado Park enthusiastically agree that her meals are among their favorites. Through her love of cooking, adventuresome spirit, and an always-open heart, Jan is indeed making a difference.

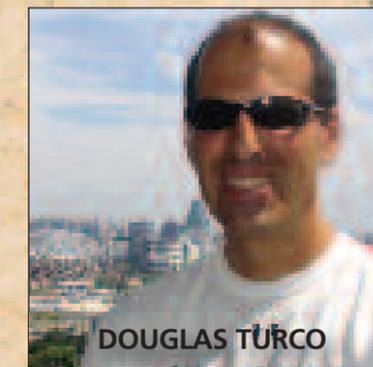
William Gilbane, '89 BAFA (art studio), '90 BAFA (art history), taught elementary education from 1996 to 2005. Since then, he has taken time off, trying to catch up to the revolution that has taken place in his first major—photography. He lives in Newtonville, Massachusetts.



SETH SPARKS

Seth Sparks, '89 BA, '94 JD, a partner in Albuquerque's Rodey Law Firm, has been elected to the Trucking Industry Defense Association.

Judith B. Hooffstetter, '91 BS, '95 MD, has joined ABQ Health Partners as a part-time hospitalist. She is board certified in internal medicine.



DOUGLAS TURCO

Douglas Michele Turco, '91 PhD, is associate professor of sport management at Drexel University in Philadelphia. He co-chaired the International Sport Business Symposium in Beijing during the 2008 Olympic Games. Douglas lives in Bethlehem, Pennsylvania.

William Browning, '92 BA, recently started a new consulting company, Rebound Solutions, located in Denver. He also recently completed a successful election systems implementation for the Colorado Secretary of State.

TASTE THAT MAKES SENSE!

album



Lori Coffman Sours

BY RANDY McCOACH

SALSA MAKER Lori Coffman Sours, '85 BA

Lori Coffman Sours says she ran into an inquisitive gentleman in the supermarket one day, and she mentioned she was collecting the ingredients for her homemade salsa. The guy said he, too, was a salsa chef, and he asked her what exactly she was planning to buy. She gave him the full list: tomatoes, onions, jalapenos, garlic, and cilantro. That's it.

"Oh," was all the guy had to say. "So what do you put in your salsa?" Lori asked.

"Well, I put celery in there ... onions ... some carrots ... maybe a green bean," he said.

"I told him," Lori says, "You're not making salsa. You're making vegetable soup!"

Lori, co-owner of the recently created El Nuevo Foods, producer of the coast-to-coast taste sensation Salsa Señorita, says the sheer simplicity of the recipe is one of the keys to the success of her business.

"It's just so simple," she says. "It's true New Mexico salsa. All natural. No preservatives."

There is, however, a special secret that makes Salsa Señorita—billed as The Legally Addictive Salsa—a taste experience far beyond what a kitchen novice could concoct using those same five ingredients.

"The secret is in the tomato," Lori says. "That's all I'm saying."

To give credit where credit is due, the salsa was actually invented by Lori's brother and business partner, Mark Coffman. Lori says that as she was growing up in Las Cruces, Mark would experiment with different salsa recipes. Later, as he perfected his creation and moved around the country in his role as a collegiate assistant basketball coach, he would serve the salsa to his friends and players, and the feedback was unanimous.

"They all loved it," Lori says. "And Mark kept saying, 'You know, I need to get this stuff into a jar. ... Someday.'"

Lori says that as the years went by, she got sick and tired of hearing "someday, someday, someday."

"I'll never forget," she says. "I was in the Denver airport, talking to my

brother on the phone, and he was talking about his salsa and how he really wanted to get it into a jar, and something just clicked. I said, 'OK, that's it. We're going to do this. I'm going to help you, and we're going to do this.' I was unhappy with a job I had just taken, so the timing was perfect."

Lori says the planning stage took about two years. There were business plans to be written, labels to be designed, food chemists to be employed for the required nutritional details, etc.

The first batch was produced in March 2008. They made 120 cases, and it wasn't enough. It sold out.

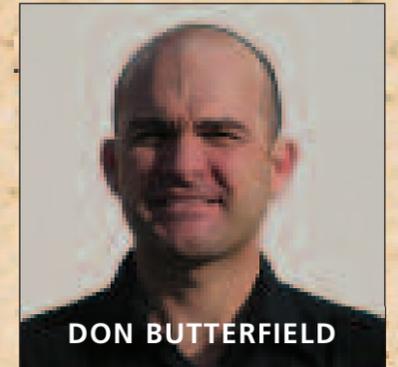
"When I saw the jar for the first time," Lori says, "I told my brother, 'You know, if this never goes any farther than this, that would be just fine. Lots of people have ideas and plans to produce something, and we should be proud that we made it this far.'"

The second batch is now available, and this time there's a choice: medium or hot. While there aren't yet any Albuquerque stores on the distribution list, local Lobos can order online at www.salsaseñorita.com. Lori, who lives in Atlanta, says she and her brother, who lives in Los Angeles, are in the process of interviewing professional distributors to gain a larger reach.

"Right now, we're targeting small, natural-foods stores," Lori says. "But if Albertson's called and wanted to stock it, we wouldn't say no, you know?"

Lori says one thing she has in common with her salsa is they are both New Mexico through and through.

"I come back to visit my family every August," she says, "and every time we have to leave, I cry. I miss it so much. But I'll be back. ... Someday."



DON BUTTERFIELD

Don Butterfield, '92 BA, '01 MBA, director of communications for Renown Health, was honored with the Mark Curtis Sr. Award by the Public Relations Society of America's Sierra Nevada Chapter in recognition of demonstrated excellence in his chapter role and as a public relations professional. Don lives in Reno.

Sam S. Kassem, '92 BSEE, is a federal program manager/engineer in Washington, DC. He lives in Spotsylvania, Pennsylvania. His email address is eeceus@yahoo.com.

David H. Wilson, '92 BSCE, '02 MBA, was named as State Engineer of the Year by the New Mexico Society of Professional Engineers, last year. He serves as vice president and transportation group manager of Gannett Fleming West, in Albuquerque.

Marcy Rae Henry, '93 BA, is the author of *The CTA Chronicles*. You can read about it at ctachronicles.com. She lives in Chicago.

Robert 'Bobby' A. Stover, Jr., '93 BBA, was admitted by Grant Thornton as a new partner last August. He has relocated to Dallas where he will continue his role as central region practice leader of the firm's Private Wealth Services practice.

Levi Romero, '94 BAA, '00 MARC, has a new book, *A Poetry of Remembrance: New and Rejected Works* (UNM Press), which explores the Embudo Valley native's cultural memory in bilingual verse about family, illness, ties to the land, low-riding, the *Movimiento*, and language identity. Levi lives in Albuquerque.

Jill Slaby, '94 MAPA, is now donor relations manager in the UNM Development Office.

Yolanda Dominguez, '95 BA, has joined the UNM College of Arts and Sciences as a constituent development officer.

SIGHTSEEING THAT MAKES SENSE!

album



courtesy Mark Henne

BY ALEXIS KERSCHNER

CARTOON PHYSICIST Mark Henne, '88 BSCS

The next time you're having a bad hair day, imagine being a cartoon.

At Pixar Animation Studios, Mark Henne, '88 BSCS, sees to it that the cartoon stars don't have the bad hair days that afflict normal humans. As a technical director, he makes sure that many of the elements of Pixar characters' features, including clothes, hair, and crowds, look right. But don't call him an animator.

To explain, he uses the metaphor of a puppet show.

"The animators would be the ones working on the performance of the puppets," Mark says. "I would be one of the people who help build the puppets, making sure all the controls are there and working properly, and supervising wardrobe and wigs."

His most recent project was *WALL•E* where he spent more than three years as the crowds supervisor. Mark ensured that the robot and human crowds in the movie were utterly believable.

"A lot of people work on these movies," Mark says. "We can judge ourselves as successful when the viewers forget what they're looking at and become part of what they're watching."

Mark's computer science background at UNM and in graduate school at UC Santa Cruz led him to Pixar. Minorng in math and studying art and art history at UNM had given him a unique perspective. In 1989, a Pixar researcher gave a presentation at UCSC and Mark subsequently landed a summer internship, which led to Pixar's sponsoring his last year of graduate school. Mark then moved to Los Angeles with a company called Rhythm and Hues. In 1994, he moved back north and back to Pixar, as it was finishing up a little movie called *Toy Story*.

Mark worked on the last nine months of *Toy Story*, which holds its place in history as the first fully computer-animated film.

"If you take an objective look at the films through the years from *Toy Story*, to *Monsters, Inc.*, to *WALL•E*, you'll see a lot of changes in their complexity and richness," says Mark. "But what hasn't changed are the charm, the appeal, the strength of the story and the characters, and the details involved in telling the story."

Mark has experienced some of the artistic tension that goes along with executing a challenging artistic vision.

"*The Incredibles* was the first Pixar movie that needed clothes for the entire cast," says Mark. "Before that, we had toys, bugs, fish, and monsters." Director Brad Bird asked Mark what would be a nightmare shot for him that most people wouldn't think particularly

difficult. Mark said it would be Mr. Incredible walking to a closet, taking a jacket off a hanger, and putting the jacket on. A simple scene from a writer's perspective, but technically difficult as the animation would be done with the character unclothed and the clothing added afterward. Things like how the coat hangs, how the fabric falls, and where the armhole is all would need to be pantomimed by the animators first. Ultimately Bird included a scene in *The Incredibles* where Mr. Incredible poked his fingers through holes in his super-suit.

"I want everything to feel like it is integrated, together, consistent, that it looks natural," says Mark. "If I've done my job, the results are invisible."

Take hair. Varied in color, style, texture, and other variables, hair can easily look fake in animated films. The hair of Violet Parr from *The Incredibles* was long and straight and had to interact properly with shoulders, arms, face, and the wind, and look wet both above and below water. Dash Parr's hair had to look right as he sped along at superhero speed.

"Hair is made up of individual strands, but that doesn't tell the whole story," says Mark. "Just simulating strands of hair doesn't work. It's a whole mass. You have to account for all of the different properties of how hair behaves."

And for Mark Henne, being one vital strand of all that goes into a Pixar blockbuster is exactly what he wants to be.

Next up for Mark is a new Pixar feature called The Bear and the Bow, which should be out by the time Mark's 18-month-old daughter is old enough to be in the audience.

Jerry L. Jones, '95 ASSC, '01 BSME, is project engineering and planning manager, Trident Class Submarines, at Puget Sound Naval Shipyard, Bremerton, Washington. He leads both nuclear and non-nuclear engineering planning efforts. Jerry lives in Silverdale, Washington.

Asa Emanuelsson McLoughlin, '95 BBA, has launched Velody Trade's international trade consulting and managed service firm. Asa, of Portland, is a co-founder of the firm.

Bill Uher, '95 BA, is now senior constituent development officer at the UNM College of Arts and Sciences.

Janet M. Chapman, '96 MA, is co-author of a new biography, *Kenneth Milton Chapman: A Life Dedicated to Indian Arts and Artists* (UNM Press, 2008). Janet lives in Tijeras, New Mexico.

Adrian Chernoff, '96 BSME, '99 MEME/MBA, created Rubber Bandits®, oversized rubber bands equipped with tear-resistant, waterproof labels via an "Invention Quest" competition held by Staples in 2004. Afterwards he started his own ideas company, 2 Smart + 1, where he is CEO. Later, he founded a think-tank called Ideation Genesis, of which he is Chief Innovation Officer. Adrian lives in Boulder, Colorado.

Zachary Cook, '96 BA, '93 JD, has been appointed by Governor Bill Richardson to fill the vacant District 56 New Mexico House of Representatives seat. Zachary has been an attorney with H. John Underwood in Ruidoso since 2004.

Ernestina R. Cruz, '96 BA, '01 JD, of Rio Rancho, was recognized as the Outstanding Young Lawyer by the New Mexico Hispanic Bar Association last fall. She is a partner at the Narvaez Law Firm, where her practice focuses on employment law, civil rights, and insurance defense litigation.

Robert Requard, '96 BA, has joined Southwest Financial Group in Albuquerque as a financial services professional.

Larry G. Vigil, '96 BBA, has joined Poms & Associates Insurance Brokers in Albuquerque as a property casualty producer.

Kathy L. Braun, '97 BAA, has received her license to practice as an architect in New York State. She has a design firm in Hopewell Junction, New York, focusing on residential and commercial design.

Wryan W. Capps, '97 BBA, is now senior manager of the construction and real estate group at Moss Adams in Albuquerque.

SIGHTS **THAT MAKES SENSE!** *seeing*

BY ALEXIS KERSCHNER

of Bunny by Joseph Mougel



PHOTOGRAPHER Joseph Mougel, '08 MFA

You're going to come back and teach." That's what a Marine Corps sergeant told 18-year-old Joseph Mougel as he began a stint as a combat photographer/videographer. Years later, that sergeant proved prophetic as Joseph draws on his extensive technical and artistic training working with students at Ringling College of Art and Design in Sarasota, Florida.

A visual artist with heavy roots in photography, Joseph grew up in rural Georgia. During his somewhat isolated younger years, he developed the habits of looking at and observing the world around him—and the desire to document it.

Joseph's earliest artistic foray was a three-month trip to his parents' native France in which he shot more than 100 rolls of film.

"My biggest disappointment was that no one wanted to look through the film," he says. But in the end the quest for external motivations yielded to the quest for self-fulfillment. "I wanted to answer questions for myself versus fulfilling someone else's vision or answering someone else's questions," he says.

Joseph reviewed the film and over that summer, reliving his experiences and dealing with the definitive evidence of his memories. The process sparked his current exploration of using images, found objects, and sound to explore the creation of memories.

"I want my audience to do more than look, I want them to experience. ... I want them to be engulfed with a sense of madness," he says. "Reality is incredibly subjective."

Joseph originally intended to attend Georgia Tech and study engineering, but switched gears and joined the Marine Corps in order to give back to his country—and leave his hometown. During his five years of active duty, from 1994 to 1999, Joseph trained as a combat photographer, videographer, and correspondent. Because there were no major conflicts to cover during that time, Joseph documented human assistance and non-combat evacuations. He left active duty as the focus of the military shifted.

"I was concerned about my existence," he says. "It was worth retiring from the Marine Corps to be able experience other things *now*," he says.

After the military, Joseph embarked on a career as a commercial photographer and began studying for a business degree at the University of Georgia. But during an art history class, something clicked and Joseph abandoned the business of photography for the world of visual art.

"I've always been fascinated to be able to experience someone else's story by taking their photograph," says Joseph.

"It's not about taking their soul like people say, but about sharing their experience."

And he enjoys the sense of community he has found among artists. Surprisingly, it resembles the camaraderie he found in the Marines, who were also able "to do a lot with a little," he says.

Joseph's first camera was a Nikon FM2, which he calls "the world's most indestructible camera." He evolved to large-format photography including a 4" x 5" camera. His students tease him for teaching digital imaging while not owning a digital camera. But Joseph believes that teaching someone how to see and create is not based on the equipment but on the student and the teacher.

Joseph sees himself as a teacher, but not a mentor. To him, "mentor" implies a guru, someone to follow. He thinks it's more important to have different people steering you in different directions at different points in your life.

For Joseph, those people included the Marine Corps sergeant who predicted he would teach and UNM art history professor Joyce Neimanas who helped him evolve from a photographer to a visual artist. Neimanas told Joseph that changing from photographer to artist is like going from freshwater to saltwater: you don't know exactly when it happens.

"She helped me realize that when I made a piece it doesn't need to continue to exist, that I don't need to document it," Joseph says. "I still enjoy the absolutism of photography, but I look differently at the world."

Now Joseph is focusing on educating and will use his summer break to create a new body of work on memories.

And he owes a lot to that prophetic Sergeant. "Teaching is overwhelming, even though I was forewarned," he says. "But it's wonderful."

To see some of Joseph's work, go to www.josephmougel.com.

album

Clara Cano Garcia, '97 BA, is executive assistant editor of the *Valencia County News-Bulletin* in Belen where she has worked for ten years. The longtime reporter is in training to become the next editor. [Clara, we're sorry we wrongly confused you with **Clara Garcia**, '85 AAED, '91 BAED, '97 MA, in the winter issue.]

Cara Stewart Godbe, '97 BA, is the principal of Northside Elementary School in Montrose, Colorado.

Lorelei MacKinnon, '97 BAFA, '06 MBA, is now a business development team member at Dekker/Perich/Sabatini design firm in Albuquerque.

David Ung, '97 BBA, has joined Southwest Financial Group in Albuquerque as a financial services professional. The firm is a general agency of Massachusetts Mutual Life Insurance.

Jamie Bailon, '98 BS, '08 BS, has joined the medical provider team at First Choice Community Healthcare's South Valley Center in Albuquerque.

Satkirin Khalsa, '98 BS, '04 MD, has opened a new clinic, Integrated Health Medicine, in Albuquerque. She offers an integrative approach to medical care, combining mainstream medicine, acupuncture, yoga therapy, and nutrition.

Sandra K. Wilson, '98 BA, has won a purchase award from the City of Santa Fe for her mixed media painting, "Transitions," which is exhibited in the new Civic and Convention Center. She lives in Santa Fe. Her work may be seen at www.sandraduranwilson.com.

Kimberly A. Hopkins, '99 MA, earned National Board Certification in early and middle childhood physical education. She has been teaching physical education for 17 years and is currently at Belcher Elementary School in Clearwater, Florida.

Alicia Borrego Pierce, '99 BA, has been named deputy director of the New Mexico Museum of Natural History and Science in Albuquerque.

Alicia A. Abeyta, '00 BS, has joined the practice of JoAnne Allen, DDS, in Albuquerque.

Vanessa J. Baca, '00 BA, works at UNM's IT Services as a communication specialist where she focuses on internal and external marketing and public outreach.

Briana H. Zamora, '00 JD, has been named to the Bernalillo County Metropolitan Court.

David Chavez, '01 BBA, has been promoted to senior advisor at Maestas & Ward Commercial Real Estate, in Albuquerque. He represents landlords of commercial properties across New Mexico.

TOUCH POINT THAT MAKES SENSE!

album



Norman Johnson Photography

BY RACHEL MILLER

EDUCATOR

Maryann Trott, '74 BAED, '82 MA

A scratchy tag in the back of a shirt or the seam on a sock is a minor irritation for most adults. For a young child, especially a child with autism or a sensory integration disorder, it can be the source of a meltdown. “This is often perceived as a behavior problem,” says Maryann Trott.

Maryann is a special education teacher and co-lead teacher of Albuquerque Public Schools’ autism response team. She has written two books for parents and teachers on sensory integration—the way people use their senses to gather and process information.

Though it is more commonly discussed among occupational therapists, Maryann says that studying sensory integration is helpful for teachers because understanding how children process information helps to understand how they learn.

All people have different sensory preferences: some people like to work with the radio or television on while others cannot concentrate with the extra noise. Some people prefer tight clothing, others find tight clothing restrictive.

Children with disabilities often have extraordinary sensory needs, coupled with difficulty processing information and communicating their needs to others. They often misperceive information in their environment and become fearful of things that do not normally cause stress. For example, a child who is extra sensitive to sounds may show extreme fear of loud sounds, or shut down in a noisy environment.

In her books, *SenseAbilities: Understanding Sensory Integration* and *Oh Behave: Sensory Processing and Behavioral Strategies*, Maryann gives parents, teachers, and caregivers strategies for understanding and coping with behaviors in children that are caused by the way they process sensory input.

For example, children who are very sensitive to touch may lash out in a crowd and hit or bite if another child is standing too close. This is often seen as a behavior problem, when the child is just overly sensitive. Teachers and caregivers respond to the behavior, often without addressing the underlying cause. When teachers and caregivers are trained to recognize the child’s sensory issues and see them from his or her unique perspective, negative behaviors can be prevented. Often, problems like this can be solved simply by making sure the touch-sensitive child is placed at the back of a line so he or she has enough personal space. This keeps everyone safe and ensures that children are able to learn.

Though she has been a special education teacher her entire career, Maryann did not consciously consider her students’ sensory integration issues in her approach to their behavior until her son began to have trouble in school at the age of 5. Through therapy, he was able to learn about his senses and how to manage his responses to his environment.

Understanding sensory integration “made a big difference in our family’s life,” Maryann says. Now 27, her son, Dan Trott, graduated from UNM in 2004 and is now working on his PhD in exercise science at Texas A&M.

After Maryann learned how to help her son, she started using some of the same therapy techniques with her special education students, with great success. She says that understanding sensory integration helped her get into her students’ heads and understand how their perceptions of their environment sometimes overwhelmed them.

She remembered two professors at UNM, Glenn and Carlene Van Etten, who intuitively understood this issue of sensory integration, even if they did not use that term. “There is good science behind what people do intuitively,” Maryann says.

Maryann now travels often and trains teachers all over the country on how sensory processing affects children’s behavior. “I’m helping people to understand kids a little better, particularly the hard-to-understand,” she says.

R. Jarrol Cline, '01 BARC, '04 MARC, has joined Dekker/Perich/Sabatini in Albuquerque where he will work in the higher education practice.

Claudia J. Gallardo, '01 BUS, has been promoted to statewide instructional coordinator for New Mexico State Monuments after three years of on-site work at El Camino Real International Heritage Center. Claudia lives in Albuquerque.

Marcus J. Rael, Jr., '01 JD, has been named Outstanding Young Lawyer of the Year by the New Mexico Bar Association. He is a partner at Robles, Rael & Anaya in Albuquerque, and focuses on environmental compliance and regulation, governmental and administrative affairs, and real property and land use.

Kasey Daniel, '02 JD, of Albuquerque, has joined the State Bar of New Mexico as director of the public and legal services department.

Emily Tabet, '02 BA, has joined the American Cancer Society in Albuquerque as a community relationship manager.

Elaissa Trybus, '02 BSEE, is receiving her PhD in electrical and computer engineering with a focus in microelectronics from the Georgia Institute of Technology.

Andrew L. Bowman, '03 BBA, has joined Moss Adams as a staff member of the business assurance department. He lives in Albuquerque.

Andres K. Calderon, '03 MBA, has completed his bartender and Texas Alcoholic Beverage Commission certifications at ABC Bartending School in Dallas.

Jake Dopson, '03 BBA, has been promoted to audit manager at Pulakos & Alongi, in Albuquerque.

Ryan Floersheim, '03 BA, is employed by Rio Rancho Fire and Rescue and also by Presbyterian Hospital. He graduated from the Central New Mexico Community College paramedic EMS program last summer.

Justin Meehan, '03 BBA, '07 MBA, is assistant vice president of the commercial real estate department of Wells Fargo in Albuquerque.

Amanda A. Pagan, '03 BA, '08 JD, has joined Atkinson & Kelsey where she will practice divorce and family law, with emphasis on members of the military and their spouses.

John Weisgerber, '03 BA, is now regional communications manager for the American Cancer Society in Albuquerque.

TOUCH POINT THAT MAKES SENSE!

album



Bill Fan

BY TERRY GUGLIOTTA

POTTER Kathryne Cyman, '96 MA

Kathryne Cyman's potter's wheel has spun enough miles to take her to Japan and back.

The journey began in a middle-school art class in Michigan where Kathryn asked her teacher what the potter's wheel in the corner of the room was.

"She gave me a ball of clay and showed me how the wheel worked," Kathryn recalls. "It felt like Christmas. It resonated within me as a human being. Pottery quickly became what I woke for each day."

Now a part-time art education instructor at UNM, Kathryn teaches the Arita method of making porcelain to 60 eager students each semester.

The Arita method, a 400-year-old tradition, uses a special kaolin clay found only in limited supplies in Arita, Japan. Japanese teachers of the method, all of them now aged, are revered as Living National Treasures. Because of the dwindling supply of the special clay, Japanese law restricts its use to those designated National Treasures.

Kathryne discovered the Arita method when she took a course offered by Jim Srubek, retired UNM art education professor, who had himself been taught by Manji Inoue of Arita. Inoue is one of Japan's remaining National Treasures. Following her studies with Srubek, Kathryn also studied—and continues to study—under Inoue, beginning in 1990.

At UNM, Kathryn and her students use a special clay she has named "Srubek's porcelain." It consists of kaolin from England and feldspar and silica from the US. Mixed locally, it mimics the Arita clay as closely as possible.

The Arita method differs from other porcelain methods in specific ways that must be followed lest the highly prized clay be ruined.

"There are specific steps," says Kathryn. "Normally, the potter's wheel spins counterclockwise, but with the Arita method the wheel spins clockwise. The clay is also opened from the inside and formed with tools."

Opening the clay from the inside reflects the Arita tradition of making useable pieces of porcelain. Since it is the inside of the piece that is used, the potter begins there to establish the purpose, then moves to the outside to create the art.

After Kathryn traveled miles to understand the Arita approach to porcelain and its honored place within Japanese culture, she says she came home to discover an equally spiritual place—the Kuaua Pueblo ruins at Coronado State Monument in Bernalillo—and culture—Native American—where clay, life, and art are intricately connected.

Kathryne emphasizes that a potter must have a healthy mind as well as a healthy body to make a pot. "The fingertips are directly connected to the mind," she says. And those fingertips need to be kept healthy, too! Kathryn noticed that her teachers in Japan always wear gloves and are protective of their hands when they aren't working.

UNM's Arita method class is the only one taught at any public university in the world outside of Japan. The University of Florida expressed an interest in beginning a program as well, Kathryn says, but the Japanese potters insisted that UF contact UNM, out of respect for UNM's program. (UF changed its plans.)

Begun by Professor Srubek in 1980, the UNM program will celebrate its 30th anniversary in 2010. Inoue traveled to UNM to help celebrate the 25th anniversary, but there are no plans for a follow-up visit.

While studying with Inoue, Kathryn realized a difference between the Japanese and American approaches to art and teaching: "I studied pottery to be an artist, not a teacher. This is one in Japan," she says.

"The spirit of Japanese art is that you're always learning," Kathryn says, adding that she will always be learning, as her teachers will always be learning.

"I teach 60 students a semester," she says. "They only have one of me to learn from but I have 60 of them to learn from."

Kathleen Romero, '04 BA, has been hired by Hearing Health Care Centers in Albuquerque for its audiology practice.

Malia Orell, '04 MARC, is now with Dekker/Perich/Sabatini in Albuquerque.

Crystal Overfelt, '04 BA, has joined Achievement Gallery and Flair Events in Albuquerque as an event and promotion consultant.

Mario R. Perez, '04 MBA, was recently appointed discipline scientist in the astrophysics division at NASA headquarters in Washington, DC, and is currently in charge of several national and international science missions and research and analysis programs. He lives in Fairfax, Virginia.

Nate A. Cobb, '05 BBA, '08 JD, is an associate in the Miller Stratvert Law Firm in Albuquerque. He practices in the areas of civil litigation and workers' compensation.

Terra Keim Kissel, '05 BSCH, has received an MS in materials science and engineering from Georgia Tech. She is a material engineer for Medtronic-Neuromodulation Division. Her husband, **David Kissel**, '07 MS, '08 PhD, works as coatings chemist and engineer for Vision-Ease Lens. They live in "balmly" Minneapolis.

Joseph Romero, '05 BSCE, has received the first Linton F. Brooks Medal for Public Service. He is a general engineer at National Nuclear Security Administration's Service Center in Albuquerque. It is noted he contributed greatly to developing and implementing new business system models in support of NNSA's nuclear nonproliferation programs.

Darcie Weingrad, '05 JD, a specialist in environmental law, has joined the Santa Fe office of Gallagher & Kennedy.



JENNIFER J. EVANS

Jennifer J. Evans, '06 BBA, '07 MBA, has been promoted to audit senior at Pulakos & Alongi, in Albuquerque.

SMELL THAT MAKES SENSE!

aLBUm



Norman Johnson Photography

BY RANDY McCOACH

AROMATHERAPIST Wilma Skenandore, '78 MAHE

Like the rest of our senses, our sense of smell is triggered by specialized receptors that take external information and pass it along to our brains. What the brain does with that information depends on the smell. A freshly baked apple pie might produce salivation, while a rancid odor might inspire nausea.

Knowing that smells can induce physiological change, aromatherapists treat them as medicines. The trick is to discover which aroma stimulates which part of the brain.

“Part of it is trial and error,” says aromatherapist Wilma Skenandore, '78 MAHE, of the Oneida Nation in Wisconsin, “but mostly you rely on the existing research, and there’s so much of it out there.”

Skenandore owns a company called Native and Natural (www.nativeandnatural.net), which sells a variety of plant medicines, salves, teas, and even shampoo. At the heart of the company is Wilma’s lifelong research into the healing properties of plants.

It’s a legitimate—and ancient—area of study, but Wilma says she knows it’s not exactly mainstream medicine, and that’s why she prefers to do business in person.

“I do a lot traveling, mostly to pow-wows,” she says. “When you meet people face to face, they can actually try your product, and they can feel it working within the first minute or two. I get a lot repeat customers that way. Besides, I enjoy the instant feedback.”

Wilma says her products can be used to treat arthritis, lower back pain, migraines, burns, bronchial ailments, inflammation, and more.

“One guy came up to my table and asked if I had anything for carpal tunnel syndrome,” she says. “I had to go home and try to find something that would work.”

At her disposal is a collection of essential oils, which are produced by breaking down plant material through steam distillation. As the plant vaporizes, the resulting condensation is collected in a beaker, and the oil rises to the top. This oil carries the distinctive scent, or essence, of the plant.

“Different oils and recipes have different properties,” Wilma says.

“Some have physical properties, but they can also have emotional or psychological properties.”

Lemon oil, for example, is an anti-depressive, according to a published study at Japan’s Yamaguchi University, where researchers in 2006 tested several essential oils on lab mice.

Lavender oil is well known as a pain killer, and it came in handy one day when Wilma the mom had to respond to a yelping child.

“A couple of years ago, my daughter ripped off one her toenails,” Wilma says. “She got it caught in the barn door and tore it right off. I took some lavender oil and splashed it over her toe, then took her to the hospital. They said she’d need some Vicodin (a narcotic painkiller), but she was OK with the lavender oil. Healed up real nice, too.”

Skenandore is originally from the Potawatomi Nation in northeastern Kansas, and she became a New Mexican and a Lobo when her husband, Francis Skenandore, decided to study law at UNM. She earned a master’s degree (in the art of teaching home economics) from UNM, and she holds several hard-earned certifications in aromatherapy.

Still, despite her credentials, the non-believers are always circling overhead.

“Yeah, there’s a lot of skeptics,” Wilma says. “Sometimes they’ll come up to the table and ask if I can ‘guarantee’ that something will work. If they press too much, I’ll just say, ‘Hey, maybe this product isn’t for you,’ and they’ll walk away. But they usually come back and at least try something.”

And that’s all Wilma needs to make another repeat customer—like the guy who says he no longer has carpal tunnel syndrome, Wilma happily reports.

Jeff Gassaway, '06 BA, is University Information Security Administrator at UNM’s Information Technology Services. He has achieved Certified Informational Systems Security Professional certification.

Anita M. Kelley, '06 JD, is now an associate at Brownstein Hyatt Farber Schreck in the Albuquerque office’s litigation group.

Laura Lai, '06 MAAC, has joined Grant Thornton in Albuquerque as a tax senior associate.

Vincent Natali, '06 BBA, '08 MBA, has been hired as an audit associate by KPMG in Albuquerque.

Danny Schrader, '06 BA, has started Pumpkin Dog Vintage Sportswear, which supplies New Mexico-based apparel with the logos and names of professional sports teams once active in New Mexico [PDVintage.com]. Danny and his wife, **Elena Duran Schrader**, '04 BAED, live in Albuquerque.

Melissa N. Sedillo, '06 BBA, has been promoted to special events coordinator at Sandia Resort and Casino in Albuquerque.

Brandon J. Beebe, '07 BS, Coast Guard Seaman, recently graduated from the U.S. Coast Guard Recruit Training Center in Cape May, New Jersey.

Miles Cook, '07 MARC, has joined Rohde May Keller McNamara Architecture in Albuquerque as an intern architect.

Andrew Espinosa, '07 BBA, works as a financial services professional at Southwest Financial Group in Albuquerque.

Elizabeth Goodrich, '07 BS, has joined Abrazos Family Support Services in Bernalillo as a developmental specialist working with children ages birth to 3 years. She lives in Albuquerque.

Stephen Michael Teeters, '07 MARC, is an intern architect at Rohde May Keller McNamara Architecture in Albuquerque.

Jennifer Adamson, '08 MAAC, has joined Grant Thornton International in Albuquerque as assurance associate with responsibility for associate duties on public and nonpublic clients.

Jason Hrdina, '08 BS, is an urgent care physician assistant with ABQ Health Partners.

Josie Jaramillo, '08 BBA, is a new audit associate with Grant Thornton in Albuquerque.

Robert Lucero, '08 JD, is an associate in the business department of Rodey, Dickason, Sloan, Akin & Robb in Albuquerque.

SMELL THAT MAKES SENSE!

album



courtesy Julie Hagelin

BY RACHEL MILLER

ORNITHOLOGIST Julie Hagelin, '99 PhD

Seemingly every type of bird behavior has been studied by humans, from migratory patterns to mating displays; from the color of their feathers to the quality of their songs. Ornithologists have always assumed that, like humans, birds communicate primarily through sight and sound, because of their beautiful songs and plumage.

“Birds are a lot like humans in that they’re very visual and very auditory,” says Julie Hagelin. “That’s probably why they’ve captured our imagination for so many years.”

Most other animals use their sense of smell to communicate information, but this sense has been largely overlooked in birds until now.

Now an assistant professor of biology at Swarthmore College outside Philadelphia, Julie has spent her career studying bird behavior. She is currently studying the Crested Auklet, a sea bird native to coastal Alaska and the Bering Sea that emits a unique, tangerine-like scent. She has found evidence that suggests that many species of birds, including the Crested Auklet, emit and detect odors in order to communicate with each other.

When Julie was working on her doctorate in biology at UNM with Professor J. David Ligon, she studied the way Gambel’s Quail use visual ornamentation, such as the long plume on the top of their heads, to attract mates. This species is native to the American Southwest, and is abundant in the Bosque del Apache National Wildlife Refuge south of Socorro.

While finishing her degree at UNM, Julie used part of a pre-doctoral fellowship to study the Kakapo, an endangered species of parrot native to New Zealand. Kakapos emit a dusty, honey-like scent. There are fewer than 100 Kakapo left, and they are nocturnal, making them a challenge to study. No one had ever thoroughly studied the Kakapos’ scent before, and Julie wondered if it might be a factor in the way they communicate and mate.

In searching for another species of bird that might be easier to study, Julie came across the Crested Auklets of Alaska. Far from being endangered, they had been extensively studied, yet no one had questioned the function of their unique, citrus-y scent.

A common mating behavior among Crested Auklets is rubbing their faces into the scented nape of a display partner. Julie says, “As soon as a read that I thought, ‘oh my gosh, auklet odor may be an olfactory ornament,’” almost like the quail plumes she had studied at UNM. After several trips to remote parts of Alaska for observation and closer study, she discovered that Crested Auklets use their unique odor as a social signal; it seems that odor

may be analogous to the head plumes of quail or the train feathers of peacocks—all signals that impress and convey information to other members of their species.

There are many ways to approach the study of birds’ sense of smell, which span multiple levels of biological complexity—from an odor signal itself to the way it is received. Investigating the chemical makeup of the auklets’ scent involves chemistry; studying the birds’ olfactory nerve involves anatomy and physiology; experimenting with bird responses to odors is a study of animal behavior. Julie focuses mainly on animal behavior. “I get to collaborate with a lot of interesting people across different disciplines, who help me fill in other parts of the puzzle,” Julie says.

Understanding how birds use odor to communicate could have important implications for wildlife conservation, especially if odors function in reproduction. This could be especially relevant for endangered bird species like the New Zealand Kakapo. It could also lead to a better understanding of how domesticated birds may be raised more humanely. Evidence suggests that even domestic chickens can detect the scent of blood, and some of Julie’s preliminary results suggest that chickens may even detect odor-cues related to stress.

Julie’s work has been supported by the National Geographic Foundation and the National Science Foundation. She recently participated in the first symposium on avian olfaction at the International Ornithological Congress and acted as co-coordinator of another such symposium at the International Symposium of Olfaction and Taste. It seems that Julie’s unusual research tastes (or smells) are starting to make biologists across a variety of disciplines sit up and take notice. For more information on her work, access to videos of Crested Auklets, and slideshows from exotic research sites, visit Julie’s website at www.swarthmore.edu/x10130.xml.

Kristin Marrero, '08 BBA, and Joseph Mount, '08 BBA, are new audit associates at KPMG LLP in Albuquerque.

Patrick Martin Patten, '08 BBA, is now an accountant at UNM’s Information Technology Services.

Jeres S. Rael, '08 JD, has joined Wolf & Fox PC in Albuquerque as an associate.

MARRIAGES

Dorothy Lopez-Sherman, '81 BAED, and Joel Sherman

Ed Snow, '81 MA, '83 JD, and Amy McGrane

Rachael Ferranti, '95 BA, and Jason Leffler

Kerry Akin, '99 BBA, and Roy M. Stickler

Kristin J. Mahr, '00 BA, and Robert Gubser

Rebekah Loveless, '03 BA, and Orino Malfar

Frederick Efu Awich, '04 PHAR, '08 BS, and **Laurel Fahs**, '05 BSED

Renee Ortiz, '04 BSEE, and Brett Rodriguez

Kristen A. Borders, '05 BA, and **Darren D. Wood**, '04 BAED

Lisa Chavez, '05 BSDH, and Alexander Ober

Jennifer M. Frasco, '05 BUS, and **Christopher A. Wallace**, '99 BS

Liv Baca-Hochhausler, '05 MA, and **Josh Trujillo**, '02 BA, '07 MA

Terra Keim, '05 BSCH, and **David J. Kissel**, '07 MA, '08 PhD

Kristie Boudwin, '06 BA, '07 MBA, and Christopher Rogers

Crystal Ruebush, '06 AAED, and Elliott Schmitz

Alison Louise Ruff, '06 BSED, and **Joshua J. Trujillo**, '06 BSCP

Antonio Vigil, '06 BARC, and Connie Torres

HEARING THINGS THAT MAKES SENSE!

album

IN MEMORIAM

- Annabelle B. Schwer, '31
- Margaret Beitz Sargent Merrill Holland, '34
- Elizabeth Zimmerman Cottle, '36
- Dorothy Lipp Hiller, '36
- Shirley James Watson, '36
- Marion Keleher, '37
- Helen Kiel, '38
- Lucile Lattanner Reid Brock, '39
- Patrick Moore, '40
- Helen S. Wright, '40
- Allen R. Rogers, '41
- Drace W. Kutnewsky, '42
- Margery E. McWilliams, '42
- Victor J. Remer, '42
- Robert S. Wickens, '43
- Marie L. Fox, '44
- Peggy Justus, '44
- June Beatrice Maxwell, '44
- Robert Patch, '45
- Lou Ann Wilton Hunt, '47
- Meliton M. Gonzales, '48, '57
- Vern O. Grantham, '48
- John Anthony Salazar, '48
- Harriett E. Stringer, '48
- Rose Ellen Martin Calkins, '50
- Charles Carlton Groffman, '50, '68
- Elizabeth A. LeBaron Higgins, '50
- Walter George Leffler, '50
- Richard A. Parsons Sr., '50
- John E. Trowbridge, '50
- Donald D. Van Skiver, '50
- John J. "Bud" Urbane, '50
- John Martin Weil, '50
- Christine Berg Arhelger, '51
- Fred M. Calkins Jr., '51
- Clarence T. Danen, '51
- Ralph Raymond Davies, '51
- Ann E. Evans, '51
- Gordon L. Janicek, '51
- Donald Cloud Narquis, '51
- Donald Francis Toomey, '51
- Robert A. Warren, '51
- Fred Bartolucci, '52
- Everett G. Hayes, '52
- John H. Holroyd, '52, '55
- Patricio Sanchez, '52
- Henry K. Togami, '52
- Eugene R. Alesch, '53, '54
- Gregory W. Daves Jr., '53
- Robert E. Wickham, '53
- Lanette Liese Wilkinson, '53
- Phyllis Catherine Godfrey Nuckols Kelly, '54
- William J. Schnedar, '54, '59
- Thomas G. Humphries, '55
- Richard Titzl, '55
- Charlene Janet Mann Campbell, '56
- John Robert McCandless, '56
- Christian Schroeder, '56, '59



courtesy Steve Hearn

BY MARY CONRAD

TIMPANIST

Steve Hearn, '93 BAMU

When the less musical among us sit in a quiet room, it seems, well, quiet. But when Steve Hearn, assistant principal timpani/section percussion of the Colorado Symphony Orchestra, sits in a quiet room, a cacophony of sounds assaults him—the buzz of electricity (somewhere between B and B-flat, Steve says), the air moving through the furnace vents, the traffic outside, the plane overhead, and the riot of birds out the window.

Musicians hear differently, Steve says, because they practice listening. Even more telling, he says, when they play an instrument, they hear the notes in their head a millisecond before they create them for the rest of us. While Steve says he doesn't have perfect pitch, he works to perfect relative pitch—the ability to hear a tone, know if it's sharp or flat, and adjust it as closely as possible to the true pitch.

You've probably observed timpanists bent over one of the timpani, their ear close to the drum's head, as the orchestra members tune their instruments. Unlike other drums, timpani are tunable. A foot pedal pulls a mechanism that adjusts the tension of the drumhead and consequently the pitch of the drum. Each drum is tuned to a different note, depending on the requirements of the music.

"Most people think of it as a big, bombastic instrument," Steve says. "It's actually very subtle and adds significant color to the orchestra. The beauty is it can be melodic, rhythmic, very loud and powerful, very soft and subtle." While not often performed, numerous concerti have been written for timpani. As principal timpanist for the Cabrillo Festival of Contemporary Music in Santa Cruz, California, Steve performed the West Coast premiere of Michael Daugherty's Timpani Concerto, "Raise the Roof."

The timpanist in an orchestra is similar to the drummer in a big band, Steve says. "You can kick the orchestra. You can add color. Your energy can be the driving force behind all those musicians."

Steve enjoys a variety of music—jazz, rock and roll, classical. He was

part of a rock band in Chicago before transferring from Northwestern University to UNM to finish his bachelor's degree. He then taught at New Mexico State University for a year before moving to the Netherlands, where he earned the Artist Performing Diploma from Rotterdam Conservatory of Music.

Steve returned to NMSU to finish his master's degree. When the Army auditioned for musicians, he leaped at the opportunity. "As a student in college, you basically take any and every audition you can," he says. "They're few and far between."

Steve won the job, went through basic training, transferred immediately to The Army Field Band, Washington, DC, where he toured the 48 continental states performing with the Concert Band and Chorus.

"It was a fantastic musical experience," Steve says, "which propelled my career and my musicality." It also had lasting impact upon his personal life. Steve met his wife, Courtney Hershey Bress, harpist in the Army Concert Band, while there.

After two years, Steve moved to Nashville, where he began a stint as marketing manager for Pearl Drums. When Courtney was hired by the Colorado Symphony Orchestra as principal harpist, the duo moved to Denver. There Steve continued in his marketing position for five more years before winning a position with the symphony.

It was a relief to return to music fulltime, Steve says. "My calling in life is to be a musician. To be able to do that is a real joy."

HEARING THINGS THAT MAKES SENSE!

BY RANDY McCOACH

RADIO ASTRONOMER Andrew J. Rivers, '00 PhD

There's a not-so-distant galaxy out there, and we'll never see it, even with a state-of-the-art super telescope.

We can't see it, and we can't snap any pictures of it, because it's hidden behind the "Zone of Avoidance," a term given to the impenetrable nature of the Milky Way that hides about 20 percent of our view into deep space.

We know it's there—with its billions of stars and goodness knows how many planets—thanks to the discoveries of Andrew J. Rivers, '00 PhD, and a team that actually added about 20 galaxies to our ever-evolving map of the universe.

"The dust band of the Milky Way has presented a huge gap over the past 100 years of astronomy," Andrew says. "We wanted to know: What is in this zone, and particularly, are there any galaxies in there that are part of the Local Group?"

Rivers found these galaxies with a radio telescope that detected the radiation of hydrogen atoms undergoing a spin-flip, but before explaining that, perhaps an Astronomy 101 refresher might be in order.

The Earth and our solar system are part of the Milky Way Galaxy, an immense collection of about 200 billion stars, including the sun. The galaxy is a fairly flat disc of material orbiting a massive black hole in the middle. All the stars in the sky are actually nearby, parts of our own galaxy. Beyond are billions of other galaxies with their own collections of stars.

"One of the earliest challenges was to understand whether or not the Milky Way was the entire universe," Andrew explains, "or whether these other 'island universes,' which we now call galaxies, are really outside the Milky Way."

Like the planets and the stars, galaxies are also grouped together, sharing a common center of gravity. The Milky Way, the Andromeda Galaxy, and about 35 other galaxies share a common center and are called the Local Group.

It's important to know about our neighbors because we have a gravitational pull on each other, but the Zone of Avoidance has limited our ability to peep on them. Since we're in the middle of this flat galaxy, which is about 100,000 light years across but only 1,000 light years thick, we can look out, but we can't look side-to-side, so to speak: the disc of the Milky Way is so thick with stars and dust, it hides our view.

"Since we couldn't see visible light through these dust particles," Andrew says, "we had to devise 'new eyes,' a new way of seeing through the dust."

This new set of eyes was made possible thanks to the 1950s discovery of the hydrogen line, an observable radiation given off by hydrogen atoms when their electrons or protons flip the direction of their spins.

The wavelength of this emission is 21 centimeters.

"They used that in the movie *Contact*," says Andrew, an admitted movie buff. "Since hydrogen is so prevalent in the universe, any civilization would know the meaning of 21 centimeters, so in the movie, when they received a transmission that was exactly 21 centimeters times pi, they knew it came from an intelligent source."

The search for galaxies in the *Zone of Avoidance* was a blind survey, pointing a radio telescope at a point in the sky and watching the spectrum lines.

"We were looking for a hump, like a cowboy hat, that would indicate the presence of a galaxy," Andrew says. "Our most exciting find was actually a really small galaxy, a dwarf galaxy, nothing like an Andromeda, but it was in our Local Group, and it had been undiscovered until then."

Andrew's work on the project wrapped up a couple of years ago, and now he teaches courses to tomorrow's astronomers at Northwestern University in Evanston, Illinois.

"I wear a number of hats," he says. "I do a lot of academic advising, and I'm also the master at one of the residential colleges here—the College of Cultural and Community Studies. We focus on community service and cultural understanding. It's the most fun I've had. You really get to know the students."

Through his dedication to his students, and his newborn daughter Cassandra, it's clear that Rivers, who spent so much time with his eyes on the sky, has his feet planted firmly on the ground.

album

IN MEMORIAM

Thomas Hefty Wilson, '56
Thomas A. Bradley, '57
Steven L. Davis, '57
Helen Mae Michael, '57
Jerry A. Miller, '57, '66
Frank J. Placek Jr., '57
Paul L. Tapia, '57
Julian R. Hoffman, '58
Rose Marie Packard, '58
William Davis Smith, '58, '71
John Kemmerle White, '58
Michael A. Barkocy, '59
Garnett R. Burks Jr., '59
Homer Leroy Crumley Jr., '59
Larry Bonaquidi, '60, '65
John Cavfield, '60, '65
Douglas Glover, '60
Charlotte L. Parkhurst, '60
Christos Kaplanides, '61, '65
Robert J. Brito, '62
Donald R. Clauser, '62
Harb S. Hayre, '62
Robert W. Matunas, '62
Harry Roy Pruden, '62
Robert S. Werstler, '62
Benjamin L. Brooks, '63, '68
James N. Naylor, '63, '64
Helene Alice Wurm Fisher, '64
Walter W. Elliott Jr., '65
Uretta Jeanette Guynn, '65
Jo Ann Krueger, '65
Daniel J. Angel, '66
Carol Trask Beaulieu, '66, '83
Mary A. Gordon, '66
Tony J. Hillerman, '66, '90
Lorraine Merz, '66
Arthur A. York, '66
Ray Davenport, '67
Ward T. Koeberle, '67
James Isaac McConnell, '67
Walter Clark Mooney, Jr., '67
Donald B. Croft, '68
Anna Jane Fair, '68
John L. Singleton, '68
Margaret M. Barela, '69
Walter Lawrence Brock, '69
Karen Ann Christianson, '69
Nancy Kirwan, '69
Bruce H. Osborne, '69
David Earl Rouse, '69, '77, '93
Claude Arnold Davidson, '70
Michael R. Trujillo, '70
Georgia Ann Davis, '71
Josephine Hernandez Fevig, '71, '82
James Curtis Hasdorff, '71
Sharon M. Pickett, '71
Andrew L. (Drew) Fuller, '72, '73
Mary Gail Martin, '72

ALUMNI PROFILES

KEEP YOUR MIND ON THE GAME



Al Wood

The author of *Golf: The Mental Game* talks about the importance of developing your mind as well as your swing.

BY STEVE CARR

As a young golfer in high school, Tom Dorsel, '74 PhD, became interested in the mental aspect of golf, and read his first book on the subject. Some 45 years later, Tom has written more than 100 articles on golf psychology for publications including *GOLF Magazine*, *Golfweek*, *Golf Digest*, and *Golf Illustrated*, where he's been a featured contributor for the past 12 years.

MENTAL ACUITY:

A club-wielding psychologist,

Tom Dorsel applies psychological concepts to your golf game.

"The principles I have applied to golf apply universally to all other sports, whether basketball, football, baseball, track, tennis, volleyball, soccer, or lacrosse," Tom says. In 1997, he took a sabbatical from the University of Notre Dame to test his theory about the universality of the mental game. The results proved him right.

Professor emeritus of psychology at Francis Marion University in Florence, South Carolina, Tom has written three books on golf psychology including his

latest, *Golf: The Mental Game* (Sourcebooks, 2008). He has produced 10 instructional features for PGA Tour Productions to be aired on ESPN. He has also published more than 25 articles in scholarly journals and has been a presenter at numerous conventions over the years.

Golf: The Mental Game is a collection of 50 "brief mental lessons," says Tom. The lesson titles include: "Tips for eliminating negative thoughts," "Seven ways to build confidence," "Six

ways to prevent choking," and "Golf's mental mysteries."

"Each lesson stands on its own, so using the book is like having a sports psychologist on call," Tom says. "Just look up your problem in the table of contents or the index, and go directly to the related lesson. You'll find ideas and tips that you can immediately take to the course. ... No pop-psychology, psychobabble, gimmickry, or quick fixes—just solid psychological principles made simple and applicable for the lasting improvement of your game."

Many golfers "...spend much of their time and money on expensive equipment and buckets of misdirected driving range balls thinking they are going to find some elusive solution to their playing woes," Tom says, "even though they haven't found it there for many years of trying."

Even those who follow Tom's advice need patience. "Just like any great swing coach will tell you, it takes time and fundamentals to build a solid swing," Tom says. "The same goes for the mental game—time and fundamentals. No quick fixes, but still lots of rewards in seeing your game develop."

"One of my longtime golfing friends said the most important thing he learned from me was the notion of how difficult the game is," Tom says. "Until you realize this, you won't be patient with yourself."

"I hate it when people apologize for high scores," he says. "If you're a typical weekend golfer and counting all your strokes according to the Rules of Golf, you can anticipate having scores quite a bit higher than anything you see on TV."

Tom earned his BA in psychology from the University of Notre Dame in 1968, his MA from the University of Kentucky in 1970, and his PhD from UNM in 1974. He began his research career in Frank Logan's learning lab at UNM. Logan, a golfer himself, entertained Tom's first sport psychology idea.

"Dr. Logan was duly unimpressed," recalls Tom. Undeterred, and with revisions based on Logan's concerns, Tom presented the idea at the Southeastern Psychological Association Annual Meeting in 1975 at the beginning of his academic career at Western Carolina University.

"During this same time period, while teaching college classes, I would find my examples for psychological concepts leaning toward golf examples," Tom recalls. "Similarly, while playing golf, I would find my mind drifting toward psychological principles in trying to hone my game." The back and forth between psychology and golf resulted in Tom's first *GOLF Magazine* article in 1980.

The reception of *Golf: The Mental Game* has been remarkable. Media from coast to coast are calling the book "the gold standard of the mental game," and calling Tom "a man who appreciates and understands the struggle to play better golf."

Tom now works as a consultant in clinical and sport psychology under his company name, *Psychological Skills International (PSI)*, with its subsidiary, *Serious Sports*. For more information, visit <http://www.serious-sports.com>.

album

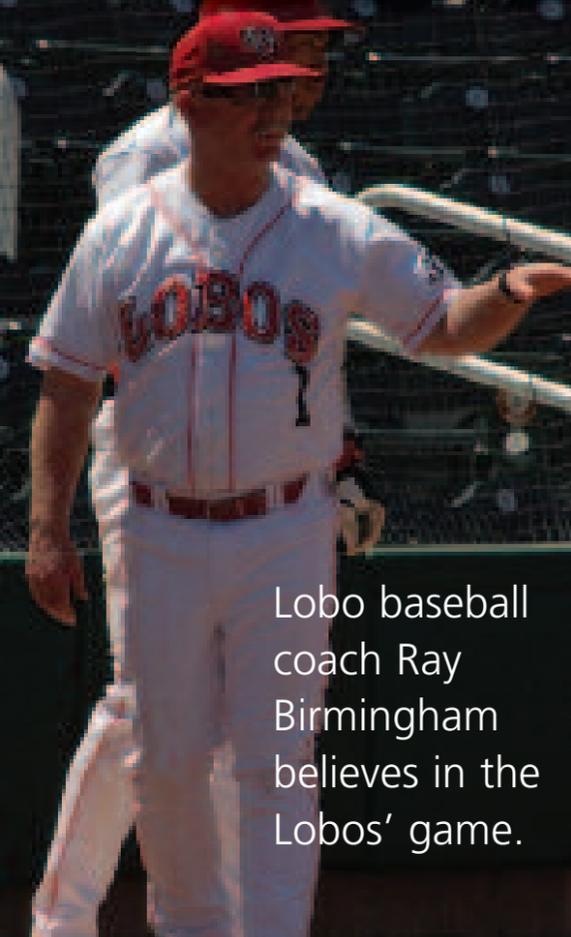
IN MEMORIAM

Theodore Pappas, '72
 Barbara Roberts, '72
 Barbara Sue King, '73
 James Glennon La Font Jr., '73
 Bernard Leo Robinson, '73
 Jon Terry Shumard, '73, '84
 Gordon Joseph Soflin, '73
 Robert A. Wasner, '73
 Margaret Louise Devany, '74
 Mark Alan Jensen, '74
 Joseph A. Martinez, '74
 Richard Rhodes, '74
 Rebecca Lynn Gunter, '75, '97
 Fred Reynolds, '75
 Bruce Vincent Scott, '75
 Roberta Anne "Bobbi" Carbajal, '76
 Hattie Toppins Delgado, '76
 Marie B. Looney, '76
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 Elizabeth A. Wilkins, '78
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 Frank Phraner Bowles, '80
 Charles R. "Bob" Hutchins, '80
 Larry Delfred Olson, '80
 Barbara Guth, '81, '84
 Patricia 'Patty' Allred, '82
 Steven Burkstaller, '83
 Roy H. Chase, '82
 Claudia Nordstrom Larcombe, '82
 Michael R. Prairie, '82
 Corrine E. Shoemaker, '82, '89
 Larry D. Bryant, '83, '85
 Art Corsie, '83
 Beverly Kalmes, '83, '90
 Margareta Coulter Maloney, '83, '85, '87
 James William Lancaster, '84
 Gail M. Veneklasen, '84
 Stephen Ley, '86
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 Lorraine Rivera-Platte, '89
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 Dean Patrick Casper, '93
 Christine Oliver, '93
 Charles W. Liepe, '94
 Douglas Nicewander, '94
 Jeanne Belle Phillips, '94
 Jesus I. Tafoya, '94

ATHLETICS

HITTING THE LONG BALL

BY CAROLYN GONZALES



Lobo baseball coach Ray Birmingham believes in the Lobos' game.

GOING TO BAT: In his second year as head Lobo baseball coach, Ray Birmingham says the team has "attitude, effort, and a good work ethic," in addition to talent

It's 987 miles from Albuquerque to Omaha, site of the NCAA Men's College World Series. For UNM head baseball coach Ray Birmingham, the road to Omaha requires more than packing the car and pointing the headlights north.

Birmingham and his assistants have already covered territory, from the southern states to California. "We're not just looking at kids, but letting people know that the Lobos are on the rise," he says. They've also ventured to Puerto Rico and Venezuela. "We don't draw any boxes or stay in them." Not even batter's boxes? "Nope. We stay in it just long enough to hit the long ball and head down the first base line," he says.

Birmingham batters line up as "Murderers Row." No weaknesses. "The ability to handle a bat is a Lobo trait," he says. A strong offense is needed especially while developing a young bullpen.

Pitchers Clinton Cox and Daniel Grubbs, returning seniors, provide leadership. "Because of them, the Lobo bullpen is better than it's ever been—I hear this from guys who played here in the 70s and 80s," Birmingham says. Carlsbad native Kenny Toves joins the UNM bullpen after playing one year for Birmingham's former program at New Mexico Junior College. "He's a 6'3" left-hander who throws 92 miles per hour. That young man gets it," he says.

Coach Birmingham notes that Major League Baseball puts out a list of players with potential to go pro. "UNM has 10—that's more than anyone else in the Southwest," he

says, but cautions, "Potential and a dollar will get you a cup of coffee."

With a minimum 58-game season, college baseball is grueling. Birmingham, who spent time teaching English before turning to coaching full time, is aware of the academic impact on student athletes.

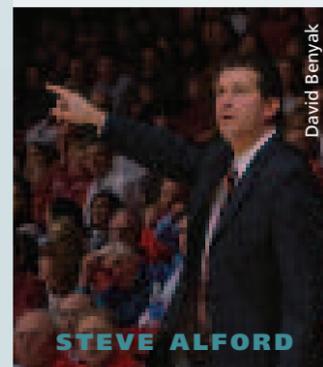
Birmingham offers study halls and insists players stay on top of their coursework, even on the road. "GPA is a big issue for me. The schedule is a big challenge. We need kids in the classroom. With games three to five times a week plus a couple days' travel, we've put our kids in a chance to fail," he says.

He adds, "I don't want college baseball to turn into a professional ballplayer mill." He does want to see the schedule pushed into the summer. "It makes total sense. Players can take and concentrate on one course during the summer," he says.

Birmingham wants the Lobos to have their own baseball facility. He's on his way to raise the \$8 million required to make it real. The economic downturn didn't turn down his drive or determination. "We'll figure it out. We don't have things others have, but we have attitude, effort, and a good work ethic. I'm old school. You can achieve what you believe," Birmingham says.

For current standings, see golobos.com.

SPORTS ROUNDUP



STEVE ALFORD

ACCLAIMED COACH: After just two years at the helm of the Lobos, men's basketball head coach **Steve Alford** was named the 2008-09 Mountain West Conference Coach of the Year. Senior **Tony Dandridge** was named first team all-conference.

Lobo fans never want basketball season to stop, so they're cheering this week (as *Mirage* prints) for both the men's and the women's teams in the NIT and WNIT. In regular conference play, the Lobo men shared the conference title with Utah and BYU.



MALIN HEMMINGSSON

MAINE MADNESS?

Lobo junior **Malin Hemmingsson**, won her second NCAA national ski title in three years in the women's slalom at the 2009 NCAA Championships in Sunday River, Maine. Malin finished 1.22 seconds ahead of teammate **Estelle Pecherand-Charmet**, giving UNM its first 1-2 finish in an NCAA national

event since 1996. The Lobo ski team finished third overall, just 10.5 seconds behind second-place Colorado.

In other NCAA news, Lobo senior **Lee Emanuel** came home with the gold after winning the men's mile (4:00.36) at the 2009 NCAA Indoor Track & Field Championships in College Station, Texas. Emanuel and fellow senior **Jarrin Solomon**, who finished fifth in the 400 meters—the best ever by a Lobo sprinter at the Indoor Championships—led UNM to its first top-20 finish (16th) since 1984.

Read about new Lobo head football coach **Mike Locksley** in the homecoming issue of *Mirage* this fall.

album

IN MEMORIAM

Jeffrey Jason Krolik, '95
William A. Morales Cooper, '96
William L. Huddleston, '96
Anthony Marrs, '96
Fidel A. Saiz Jr., '96
Anita Lee Daniels, '97, '06
Alexa Novak-Krajewski, '97
Nancy Espinoza, '98
David Norman Key, '98
Myrna Loy Rooks, '98
Elaine Marie Sedlacek, '98
Dana T. Konno, '99
Christine Ruth Morris, '00
David Scott Kettunen, '02
Dion Fabian Martinez, '02
Charles A. Stranko, '03
Sydney Johnson, '05, '08
Georgianna J. Mexican, '05
Maryn Eversole, '07
Salvador I. Olonia, '07

Tony J. Hillerman, professor emeritus
Alice King, friend
G. Philip Lehrman, professor emeritus,
dean emeritus
Thomas E. Parzyck, former medical resident
V. Wayne Ramsey, former medical resident
David W. Torkelson, former medical resident
Glenn Whan, professor emeritus
Charles Emmert Woodhouse, professor emeritus

Commencement, Construction, and Budget Cuts! Oh, my!

Judy Zanotti, '61 BSED, '73 MA | President, UNM Alumni Association



Do you know what the most important day of the year is to an alumni association? Commencement Day! The day students become alumni and begin a new chapter in their life and ours. Congratulations to our new grads!

Soon we will all have the opportunity to wear a beautiful new class ring to remind us of the milestone of graduation,

to mark our academic accomplishments, and to recommend our alma mater to others. The new design was voted on by students and young alumni. Check our website for updates.

We've reached a milestone in our plans for renovating Hodgin Hall. When the Class of 2010 graduates a year from now, the renovations should be complete and alumni activities well underway in an updated environment. Thanks to the many legislators, alumni volunteers and professionals, UNM administrators, and others who have helped us with this exciting project.

By the time construction begins you'll be able to watch our progress on our redesigned website, under construction now, for a fun, lively, and up-to-date look at the Alumni Association.

Alongside the nation's and the world's financial crises, it's been inspiring and sobering to watch the university deal with its own budget cuts and growing pains. While opinions and desired means have differed, the intent of all has been to make UNM the best university possible.

In my first *Mirage* letter at the beginning of my term, I talked about what has changed since I served as president of this association 20 years ago. As I end my term, I am most impressed by what has remained constant—the dedication of our volunteers and staff both to the Alumni Association and to UNM. I thank you for sharing your talents, ideas, and time. It has again been a pleasure to serve you.

LAUDED ALUMNI:



Christian Horstmann

At its 2009 Awards Dinner in February, the UNM Alumni Association recognized three distinguished alumni and one superb professor with Association awards. Left to right are **Karen Abraham**, executive director, UNM Alumni Association; **Susan B. Tiano**, Alumni Faculty Teaching Award recipient; **Gustavus Simmons**, Zimmerman Award recipient; **Orcilia Zúñiga Forbes**, Rodey Award recipient; **George Friberg**, Fergusson Award recipient; and **Judy Zanotti**, president, UNM Alumni Association.

For a summary of the recipients' accomplishments and to read their introductions from the Awards Dinner, go to unmalumni.com/lawdschollawards.

SPRING & SUMMER CHECKLISTS

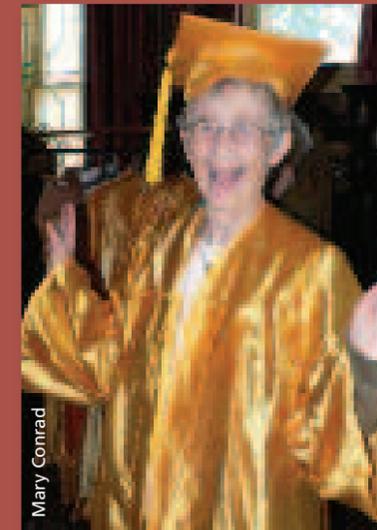
Regional Alumni Chapters

- April 3 Salt Lake City Chapter 1st Friday Happy Hour at Iggy's
- April 4 Norcal Chapter National College Fair
- April 11 Austin Chapter Annual Wildflower and Eagle Watching Caravan Tour
- April 14 San Diego Chapter National College Fair
- April 15 New York Area Chapter "Everyone's a Lobo—Woof! Woof! Woof!" Networking Night, 6-8 p.m., Dos Caminos Restaurant, 373 Park Ave. S.
- April 16 LA Chapter National College Fair, Ontario, California
- April 19 LA Chapter National College Fair, Anaheim, California
- April 20-21 LA Chapter National College Fair, Pasadena, California
- April 22 LA Chapter National College Fair, Ventura, California
- April 25 New York Area Chapter Spring Business Meeting
- April 26 San Diego Chapter Lobo Day
- April TBD Atlanta Chapter Lobo Day Spring Event
- May 1 Salt Lake City Chapter 1st Friday Happy Hour at Iggy's
- May 2 LA Chapter Lobo Day Event
- May 9 New York Area Chapter "Viva la Fiesta" Lobo Day Celebration Dinner
- May 15 College of Engineering Golden Graduate Luncheon & Tour
- June 5 Salt Lake City Chapter 1st Friday Happy Hour at Iggy's
- June 7 New York Area Chapter "Circle Manhattan Island with the Lobos" Circle Line Cruise
- June 19 Bank of America/Larry Ahrens Golf Tournament for Presidential Scholarships
- July 3 Salt Lake City Chapter 1st Friday Happy Hour at Iggy's
- July 18 LA Chapter Hollywood Bowl (featuring Faith Hill) and Tailgate
- July 25 San Diego Chapter Summer Pops & Fireworks with the San Diego Symphony
- July 26 Austin Chapter "Beat the Heat of Texas Summer" Ice Cream Social
- July 31-Aug 2 LA Chapter Ocean Fishing Adventure
- August 7 Salt Lake City Chapter 1st Friday Happy Hour at Iggy's
- August 22 LA Chapter College Fair/Recruiting Training

Young Alumni

- April 22 Educators Job Fair
- April 25 UNM Spring Storm
- May 14 Welcome New Grads! Wine & Cheese Social
- June 13 15th Annual Carrie Tingley MUDD Volleyball Tournament
- TBD Whitewater Adventure, Pilar, New Mexico

Events, dates, and times are subject to change. Please contact the Alumni Relations Office at 505-277-5808 or 800-258-6866 for additional information or go to unmalumni.com/calendar



Mary Conrad

ATTENTION, CLASS OF 1959!

It's your turn to don the golden gown! **Jerre Jo (Cain) Waltersheid** did last year. Why not you? Join your classmates at a reception and dinner with UNM President David Schmidly on Friday, May 15, and march in commencement with the class of 2009 on Saturday, May 16. For more information, go to unmalumni.com/calendar or call 800-258-6866 or 505-277-5808.

Travel+Learn

2009 UNM Alumni Travel Program

Trips, dates, and pricing are subject to change. Please contact the Alumni Relations Office at 505-277-5808 or 800-258-6866 or alumni@unm.edu for updates and further information.

- March 21-29** Paris & the French Riviera (GN)
- May 9-May 18** Paradores & Pousadas of Spain/Portugal (AHI)
- June 13-21** Cruise the Mediterranean (AHI)
- June 15-23** Iceland Alumni College (AHI)
- October 5-14** South African Escapade (AHI)
- December 5-14** Israel Alumni College (AHI)

AHI=Alumni Holidays International GN=Go Next

M!rAGE

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CONGRATULATIONS

Class of 2009!



WHAT'S NEXT?

Important information
for new grads inside.

WWW.UNMAlUMNI.COM