PORPHYRY - '89 The Centennial Edition

New Mexico Tech

1889 - 1989

Socorro was a small western town in 1889, devoted to mining and cattle—wild, raucous, sinful, and optimistic. It was in these volatile surroundings that the New Mexico School of Mines was born. It was created to bring the most advanced technology and up-to-date scientific principles into a mining industry that was just beginning to experiment with new ideas. That tiny effort so long ago in that booming wild west town spawned the modern New Mexico Tech now approaching its Centennial year.

During the hot summer months of 1889, a building rose from the desert just west of Socorro, near the base of Socorro Peak. It fit the desert well, built of "gray travertine from Blue Canyon in the Socorro Mountains and trimmed with Arizona sandstone." A president and one faculty member (the entire staff) offered a course of study in mining, metallurgy, and chemistry. The first students, seven in number, arrived to begin classes in September 1893. The New Mexico School of Mines was a reality.

This book would not have been possible if it was up to the Tech Administration and Alumni Offices.

THANKS TO: Steve Wolfel, Henning Von Kliengraeff, Doug Dunn, Roudy Burnett, Steve Remde and all the others who worked on the book.
Kell Etscom, Brad Bradley, Todd Mueller and some others who donated photos to be published.

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And finally thanks to ME!! For not giving up on yet another tradition they want to get rid of.

By:
David Ramler

#13/500
1. NMT THROUGH THE YEARS

NEW MEXICO INSTITUTE OF MINING & TECHNOLOGY
ESTABLISHED IN 1889

[Images of various scenes and buildings associated with New Mexico Institute of Mining & Technology]
2. Administration
3. New Mexico Tech Students

Betty Reynolds
Director of the Library

Sheila Stephens
Director of Residential Life

Joseph Taber
Director Emeritus of the PRRC

Dave Martin
Director of the PRRC
Glenn Adams
Engineering w/Chem. emphasis

Ouais Al-Farsi
Petroleum Engineering

Said Al-Khaleely
Petroleum Engineering

Salim Alyakobi
Petroleum Engineering

Wendy Atnai
Computer Science

Scott Anderson
Geology

Julio C. Aguilar-Chang and Felicia M. Gallegos
Geophysics and Environmental Engineering

Rashid Awad Al-Shandusi
Petroleum Engineering

Theresa Apodaca
Mining Engineering

Dawn Anderson and Tad Berlin
TC/Biology and Biology

Kevin Alegren
Geology

David Arko
Computer Science
Celeste, Mike, Dan, Sue, and Rene all together again at another successful 1970s celebration.

Maria Delgiudice

Thang Dinh

Paul Deim

Grant Deim

Bruce Deim Oudin

Kevin Doherty

Mary Donohoe

Edward W. Dunbar

Petroleum Engineering

Astrophysics

Petroleum Engineering

Materials Engineering

Math

Materials Engineering
Eric Jacobson  
Civil Engineering  

Sanjiv Jain  
Math  

Jeff Jantz  
Computer Science  

Eric Keyes  
Math  

Brenda Jojoda  
Education  

Benjamin Jones  
Physics  

Glen Jones  
Computer Science/Math  

James Knight  
Engineering Science/Math  

Eric Knapp  
Chemistry  

David Kamiński  
Metallurgy  

Kristin Kamińska  
Statistics  

Alan W. Kerr  
Physics/Computer Science/Math  

Debaj Kufen  

Chris Lambert  
Materials Engineering  

Susie Lamphere  
Materials Engineering
April 25, 1987 — Danny and Vicky’s wedding reception party.

Tres amigos Reid, Rick, and Rod welcome in the weekend with a few brews.

Pantice Lepeich
Materials Engineering

Rick Liddle
Petroleum Engineering

Pascal Lim
Computer Science

B-a-a-r-b-y

"Unidentified Frying Objects"
TERA employees break for lunch on a pleasant spring day.
Eric Sena
Physics

Shylo keeps a watchful eye over her turf.

Matthew Shain
Environmental Geology

Jace Sowers
Geology

Nigel Sharples
Computer Science

Philip Simon
Geology

Edwin Slack
Biology

Lance Sparks
Geophysics

Darrin Sted
Petroleum Engineering

L. Richie Spangler
Geophysics/Hydrology

Todd L. Stein
Geology

Valerie Smith
Biology
**BIOLOGY**

The Biology Department at New Mexico Tech provides students with a strong background in chemistry and other basic sciences, stressing a quantitative, analytical approach to laboratory and classroom work. As a result, Tech biology graduates are well prepared for medical school, graduate school, or research jobs.

Susan Birvec  
Biology Department Secretary

Barbara M. Romero  
Chemistry Department Secretary

David Shortess  
Professor of Biology

Donald Brandvold  
Professor of Chemistry, Department Chairman

**CHEMISTRY**

The Chemistry Department at New Mexico Tech offers a diverse program selection that allows students to study basic fields of chemistry, including options in analytical, bio-organic, organic, physical, biophysical, and environmental studies. Tech also offers a degree in engineering science with a chemistry option, which is similar to a chemical engineering degree.

Tom Lynch  
Associate Professor of Biology, Department Chairman

Tom Kieft  
Assistant Professor of Biology

Kay Brower  
Professor of Chemistry

“Jenkins! Tell me, you didn’t really taste it!”
COMPUTER SCIENCE

In 1966, New Mexico Tech became one of the first colleges in the nation to offer a bachelor of science degree in computer science. With an exceptional complement of faculty and facilities, Tech graduates receive high-quality training which makes them highly recruited by companies such as Hewlett Packard, Sperry, NCR, and Burroughs.
The Fine Arts Program at New Mexico Tech offers a variety of courses ranging from music, drama, and chorus, to a special course in explosive art. In addition to these courses, students may also take part in a musical staged each spring in Macey Center.

Evelyn Rosenberg
Lecturer, Fine Arts Program

Mike Iwamoto
Associate Professor of Music, Department Chairman

Doug Goat, Ex-Sailor
The Idahoan Spring 1963

The Makato performers
The Geoscience Department at New Mexico Tech offers undergraduate degrees in geology and geophysics, and graduate degrees in geology, geophysics, geochemistry, and hydrology. Geoscience students receive extensive training in physics, mathematics, and geology and apply the theoretical coursework in a variety of field courses.

Dan Stephens  
Associate Professor of Hydrology, Geoscience Department Chairman

Annette Aguilar  
Geoscience Department Secretary

Fred Phillips  
Associate Professor of Hydrology

Kent Condie  
Professor of Geochemistry

John Wilson  
Professor of Hydrology

David Norman  
Associate Professor of Geochemistry

Philip Kyle  
Associate Professor of Geochemistry
The Materials and Metallurgical Engineering Department at New Mexico Tech offers a unique opportunity to students who wish to study physical properties of materials. Materials Engineering students learn how to develop new types of materials that will replace metals in environments of extreme temperatures and pressures, and use explosives as a principal element in this development. Metallurgy students learn how to manipulate the micro-structure of a metal or alloy to achieve desired properties in the new material.
The Mathematics Department at New Mexico Tech gives students the opportunity to receive a double major that combines math with a science or engineering degree. Since math is an essential element of science and engineering, this combination not only strengthens the students' skills, but it also makes the students more competitive in the job market.

Ralph W. Ball  
Professor of Mathematics

Bill Stone  
Assistant Professor of Mathematics

Anita and Ashok Singh  
Associate Professors of Mathematics

Allan Gutierrez  
Professor of Mathematics, Department Chairman

David Antenucci  
Associate Professor of Mathematics

Elly Adair  
Mathematics Department Secretary
The Military Science Program (ROTC) at New Mexico Tech offers several courses in military and battlefield training, leading to a commission as an officer in the Army, Army Reserve, or National Guard.
MINING & GEOLOGICAL ENGINEERING

New Mexico Tech is one of 17 institutions in the nation that offers a degree in mining engineering. Tech mining and geological engineering students learn sophisticated techniques for evaluating mineral deposits, designing and developing various types of mines, and conducting basic mining operations. Students also gain practical experience in mining methods by working in the Waldo Mine, which is used by the department for teaching and research.

George Griswold
Professor of Mining Engineering, Department Chairman

Catherine S. Romano
Assistant Professor of Mining Engineering

Dr. Griswold and Cooney Miners at the Magima Copper Mine, Spring Break, 1987

Miners Dig Deeper

Kalman Oravecz
Professor of Mining Engineering

Cathy Amone
Assistant Professor of Mining Engineering
PETROLEUM ENGINEERING

The Petroleum Engineering Department at New Mexico Tech trains students in techniques used to explore, develop, and conserve oil and gas reserves, focusing primarily upon drilling, production, and reservoir engineering. Housed in the Petroleum Recovery Research Center (PRRC), the department not only provides excellent training in field and course work, but it also affords the opportunity for students to work closely with researchers and learn various enhanced recovery techniques used by modern petroleum companies. As energy reserves continue to diminish, students who know these techniques will be very competitive in the petroleum job market.

Rita Cane
Petroleum Engineering Department Secretary

"Don't worry AL, we'll have you out of that hole in a jiffy!"

Robert Biers
Assistant Professor of Petroleum Engineering, Department Chairman

Stefan Miska
Associate Professor of Petroleum Engineering

Charles C. Nathan
Professor of Petroleum Engineering
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Rita Case
Petroleum Engineering Department Secretary

R. J. Biere
Assistant Professor of Petroleum Engineering, Department Chairman

Stefan Miska
Associate Professor of Petroleum Engineering

Charles C. Nathan
Professor of Petroleum Engineering
PHYSICAL RECREATION

The Physical Recreation Program at New Mexico Tech provides students with a wide variety of indoor and outdoor activities. Campus facilities include a challenging 18-hole golf course, two athletic fields, a year-round swimming pool, and two gymnasiums with racquetball and squash courts, basketball courts, and weight-training equipment.
PHYSICS

The Physics Department at New Mexico Tech emphasizes a close working relationship between each student and a faculty member. Students may choose a course of study from the following areas of physics: astrophysics, atmospheric physics, electronics, environmental science, and computer science with a physics option. In addition to classroom and laboratory work, students gain practical experience from research facilities that complement these specialized areas of study. Langmuir Laboratory, located on a mountaintop near Socorro, is one of the foremost thunderstorm research facilities in the world, the Very Large Array (VLA), located about 60 miles west of Socorro, receives radio waves from outer space to make detailed pictures of distant celestial objects, and a comet observatory near campus provides a closer look at celestial objects within our own solar system.
The Psychology Department at New Mexico Tech trains students in the fundamentals of learning and memory, emotions, perception, intelligence, thought, behavior, and communication. Through laboratory research in human and animal behavior, students gain a better understanding of these areas and use testing facilities to study learning, physiological, sensory, and other processes in animals.
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Sandy Kieft
Research Coordinator - Langmore Laboratory

Tom Torney
Associate Professor of Psychology

Frank Etacorn
THE MEN OF TECH

Al Shoemaker

Tom Zimmerman

Elliot Boyle

Dave Berridge

Steve Work

Bill "Butter" Tafoya

Philpo

Bruce DenDuden

Chris "Trapper" Topper

Carlos Pullinger

Ralph

Sebastian Thompson
FUN AT TECH

Wingo Returns

Kirk Hollis

Sylvia and Junior

Rosie, Steph, & Arlene

Dean Burns

Eric Jackson

Henning von Klingraeff

Margret Glass and Kevin Bahe

But I like that pole

OK, I like the water better

Phil Simon

Enjoying the Sun at Spring Ring
TECH WOMEN

Ellen
Barb Serna
Tracy Hathof
Elena and Kelly
Lisa Rodrigues Cochrane
Cathy Turney
Stephanie Stowe
Dirty Sally I*ia*
Gayla
Sylvia and Jackie
Miss Hot Tamale 88'
Jett Walker, Leilani, Vicki, and Sherri
Margret Clarke
Gina and Friend
MORE TECH WOMEN

Cherokee Muncie

Patrice and Gina

Gina Cottom

What a Goddess!

Laura Lamm

Becky and Her Pet

Teresa Moriarty

Julie Johnson

Beverly Gonzales

Pussy Cat
TECHIES

The Man from Cameroon

Dave "Fid" Riddler

Ron Trueblood

College Student's Fridge

Hunter Eagle

Doug Dunmore and his camping suitcase

Scott Marahan

Josh Symbol

Dean Burns

John Kinket

Clint Richardson

Pete Vigil

Mariathan, Steffie, and Mickey

Steve "Don't Call Me Mooney" Munoz
PARTYING AT TECH

Pete jams the bass

Wolf rocks the house

Crazy Groupies-the Aftermath

Tony belts out the tunes

Dave Miller and his twin

Carter, his girlfriend, and Deba

Dean Hines, percussionist extraordinaire

Eric

Toga! Toga!

Marlin M. and Ms. Tucker

Charone

Oh! Please don’t take our picture
THE CHALLENGERS

THE WINNER
8. ACTIVITIES & INTERESTS

Women Of Driscoll

Men Of West

Kent Anderson
Steve Copeland
Jeff Corey
Mark Lambert
Wes Monroe

Ursula Parks
Diane Cartner
Jo Anne Seymour
Kelly Fry
Becky Woodbury
Mona Guzman
Tanya Woody
Becky Tempest

Tim Nytra
Fritz Stiegel
Keith Roden
Jay Seibens
Tracy Spence
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On New Mexico Tech
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