The beginning is the most important part of the work.
Plato
Thunder is good,
Thunder is impressive,
but it is lightning
that does the work.
Mark Twain

[Images of people and nature scenes]
Art is anything you can get away with.

Marshall McLuhan
EDIBLE. Good to eat, and wholesome to digest, as a worm to a toad, a toad to a snake, a snake to a pig, a pig to a man and a man to a worm.

Ambrose Bierce
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Keith Adams
Ruth Aarts
Paul Aldrich
Juan Alvarado
Thomas Baca

Fred T. Bak
Richard Barhitte
Jill Bartel
Tom Baumann
Stella Beard

Fred Beck
Sheri Blanchin
Be wary of strong drink. It can make you shoot at tax collectors ...and miss.

Lazarus Long

Joy Quesenberry
Leary Jean Rayburn
Ed Reineke
Ahmed N. Rhuma
Brian Ritter

Mark Runyan
Mark G. Saad
Saldi Abolfazl
Joy Quesenberry
Learay Jean Rayburn
Ed Reineke
Ahmed N. Rhuma
Brian Ritter

Cindy Robbins
Pies Robertson
Paul Rosenblum

Mark Runyan
Mark G. Saad
Saidi Abolfazl

Be wary of strong drink. It can make you shoot at tax collectors...and miss.
Lazarus Long
The surest way to corrupt a youth is to teach him to esteem more highly those who think alike than those who think differently.  

Neitsche
Bob Reddy
McKay Pugmire
E.J. Pettinger
Scott Phillips
Lee Petrovitz

Gary Perket
Michael Pelletier

Ross Pearson
Nikki Pearce
One is never satisfied with a portrait that one knows.

Goethe
Tim Dunn
Kimron Duff
John Dicky
John David
Mickey Coulthard

Ted Garland
Abel Folarin
Harry Floyd
Curt Faust
David Farrar

Vicki Cooper
William Connolly
Ed Clinton
Joe Chew
Mark A. Chapman
Though dear old Tech may not have frats
We compensate during St. Pat's:
A week in March, if taken daily
Brings much ado about a shillelagh.
A treasured green cudgel
That's worth more points
Than old St. Patrick's weight in joints.
A stick that's dragged through grass and mud,
Through rugby players, freshman blood.
And late that week like some oil rigging
Green roustabouts begin pit digging.
Preparing this quadrilateral moat
They'll uncover artifacts like "Le Boat".
Into the muck the students tumble
It's a tug o' war, a tense rope rumble.
In which the brain can finally rest.
Remaining muscles will attest
That F=m truly applies.
See the pull on the rope
And the mud in their eyes.
Labor is cheap when the men come together
To make the pole pictured light as a feather.
A well balanced student exists here we think.

His entire future is poised on the brink.

And if by chance he slips and falls

We hope he'll only lose his ... pants.
Another sure sign of St. Pat’s
depavity
Is aerial acrobats, defying gravity
By leaping in pits and throwing
in friends
This attraction for muddiness
only portends
That during the day, if you want
to stay clean,
Stay away from the pits. (If you
know what I mean.)
Who would believe that, powered by barley,
The students could cause such a row?
From pie fights to M-cimb to Green gentillia,
And suffering threats of, “Watch out or we’ll bill ya.”
It should seem apparent by now...
Graduates

Anthony Atchley, Physics
John Bauch, Geology

Peter Belkin, Hydrology
Robert Blackmore, Chemistry

...that students who work hard
Must play hard as well
And together we'll endure each
new passing hell.

St. Pat must approve or we'd
retaliate
And spray paint green sham-
rocks all o'er heaven's
gate!
Carl Brannen, Math
Patricio Calderon, Psychology & Education
Philip Carpenter, Geophysics

N. Gopalakrishnan, Computer Science
Bhushan Gupta, Metallurgy
Deb Hall, Physics
Joe Haney, Geology

Travis Cato Jr., Geology
Amelia Dondero, Metallurgy
Christian Eligwe, Metallurgy
John Fassel, Geochemistry
Beth Ann Garrett, Math
Ashok Mehta, Metallurgy
Cathy Aguilar-Morgan, Petroleum
Stefan Nachtsthein, Petroleum
Jennifer Nelson, Mining

Phillip Poirier, Chemistry
Moe Poteet, Computer Science
Robert E. Reisinger Jr., Biology
Jeffrey Roach, Geophysics
Charles V. Robino, Metallurgy

Bruce Rundell, Geology
Joel Siegel, Hydrology
Mark Simonett, Hydrology
Scott Tyler, Hydrology
Administration

Unidentified: Robert
John S. M. Kelly
Deceased 1977: Peter
Kim: R. B. Reynolds
Dean: Steve Trotter
Judy: Floyd
William: R. M. Abbott
Dwight: W. Ford, President
of the Institute.
William Winkel
Director of Auxiliary Services (1978-1980)

Bill Bradley
Director of Auxiliary Services (1981-)

Kurt-Gert Krammer
Director of Auxiliary Service (1973-1977)

Simon Gormley

Lee Lebbin
Director of the Library

Elizabeth Yost
Assistant to the President

Ron Hamm
Director of Information Services (1979-)

Jack Pearce
Director of Information Services (1973-1978)

Gary R. Smith
Director of Computer Center (1980-)

David A. Haas
Director of Computer Center (1977-1979)

Thomas K. Nartker
Director of Computer Center (1966-1976)

Louise E. Chamberlin
Director of Admissions

Louise Martin
Director of Personnel/ Affirmative Action
Thomas Zimmerman  
Chief of Security

Barbara Gutierrez  
Asst. Director of  

Richard L. Gibson  
Plant Superintendent

Lois Bell  
Asst. to Dean

also

Donald L. Salmon  
Director of Development &  
Alumni Affairs

Frank E. Kotlowski  
Director of New Mexico  
Bureau of Mines &  
Mineral Resources

Joyce Salmon  
Assistant to the President

M. Lamar Kempton  
T.E.R.A. Director

Heinz Lessau  
Grounds Superintendent
One fine day somebody found some gold in a stream in California. This resulted in the Gold Rush of 1849. That, in turn, was a primary factor in the settlement of the west. A well-populated west and a desire to remove some of the precious metals scattered all around it were two primary reasons behind the establishment of the New Mexico School of
Mines in 1889, forty years later.

Today gold rushes are passe (oh?), but every fall the spirit of the gold rush and the old west is revived at New Mexico Tech, in the annual 49er's celebration. Although it wasn't held at all for seven years (1960-66), 49er's today is much the same as it has always been; most of the traditions have survived the decades essentially unchanged.
There have been changes, of course — everything changes, eventually. For example, Driscoll Hall is gone, and with it, the Ore House. The forty-niner’s of 1979 was the first to lack the Ore House since American Institute of Mining Engineering (AIME) built it in the late sixties.

Nonetheless, for the most part, 49er’s goes on. There is still a parade on Saturday, there are
the traditional contests; the mucking, the drilling, the beer-drinking and the beard-growing, they are still around. The pie eating goes on, and the shoot-outs go on.

It's a special time for alumni to reconvene and reminisce about old times, amidst every manner of music imaginable.

From the Vigilantes to fiddling contests to Vassar Clemens to Rick Danko, 49er's has always been a musical event in our memories.

Whether this tradition features drama, music, chili or contests, it imbues the true spirit at NMIMT.

Let the circle remain unbroken!!
May the circle be unbroken

Faculty

Biology

“Our human organism is made up of the same things, the same compounds, that are found in animals, plants, and all living matter around us. Then I feel united with nature and protected in it.”

— Albert Hofmann

James A. Brierley
Professor of Biology
Department Chairman

David K. Shortess
Associate Professor of Biology

Gilbert Sanchez (departed 1979)
Associate Professor of Biology
Department Chairman
Chemistry

If you're not part of the solution, you're part of the problem.
— Black Panther slogan

Thomas R. Lynch
Assistant Professor

J. A. Smoake
Associate Professor of Biology

also
Robert M. Kinniburgh
Instructor of Biology

R. Wayne Ohline
Professor of Chemistry
Department Chairman (till 1981)

Melvin J. Hatch
Professor of Chemistry
Clifford R. Keizer
Professor of Chemistry

Donald K. Brandvoid
Associate Professor of Chemistry

Kay R. Brower
Professor of Chemistry

Lawrence G. Werbelow
Assistant Professor of Chemistry

Carl J. Popp
Associate Professor of Chemistry

also

Ben K. Seely
Part-time Instructor of Chemistry

L. Guy Donaruma
Professor of Chemistry
Vice-President of Academic Affairs
Computer Science

USER n. A programmer who will believe anything you tell him.
One who asks questions. Identified at MIT with "loser" by the spelling "laser".

Steele, Finkel, Woods & Crispin

Thomas A. Nartker (departed 1981)
Professor of Computer Sciences
Department Chairman

Ralph M. McGehee
Professor of Computer Science
and Research Mathematician

Patrick K. Orr
Assistant Professor of Computer Science

David A. Haas
Lecturer in Computer Science
Director Computer Center (1976-1980)

Allan Stavely
Assistant Professor of Computer Science

also

Thomas B. Hintz
Associate Professor of Computer Science

Douglas H. Haden
Visiting Assistant Professor of Computer Science

Bhavani M. Thuraiyanga
Lecturer II, Computer Science
Music hath charms to soothe the savage breast, to soften rocks, or bend a knotted oak... By magic numbers and persuasive sound.
— Congreve

Michael A. Iatauro
Assistant Professor of Music
Chairman Fine Arts and Music

Richard Dingus
Lecturer III
In Fine Arts

Kay LoPopolo
Lecturer II in Fine Arts and Music

E. Alan Marshall (departed 1980)
Associate Professor of Fine Arts
Chairman Fine Arts Program

also

Dianne Pollard
Instructor in Fine Arts

Phil Mundt
Lecturer III, Fine Arts and Music
Geoscience

The artist may be well advised to keep his work to himself till it is completed, . . . but the scientist is wiser not to withhold a single finding or a single conjecture from publicity.

— Goethe

Antonius J. Budding
Professor of Geology
Department Chairman (1981)

Frederick J. Kuellmer
Professor of Geology
Acting Department Chairman (1980-1981)

Marc W. Bodine, Jr. (Departed 1980
Professor of Geology
Department Chairman (1976-1980)
Coordinator of Geochemistry

John R. MacMillan
Associate Professor of Geology

Kent C. Condie
Professor of Geochemistry
Raziuddin Khaleel
Assistant Professor of Hydrology

Michael A. Payne
Assistant Professor of Geophysics
Research Geophysicist

also

William J. Stone
Hydrologist (Bureau)

Constance E. Gawne
Visiting Assistant Professor of Geology (1979-1980)

Peter Geldner
Visiting Professor of Geology (1980-1981)

Marion W. Kemblowski
Visiting Professor of Geoscience (1980-1981)

Steven J. White
Lecturer I Geoscience

Christina Lochman Balik
Professor Emeritus Geology

Rousseau H. Flower
Senior Paleontologist
Emeritus

Jacques Renault
Geologist (Bureau)

Lynn W. Gelhar
Professor of Hydrology
Hydrology Department Coordinator

Daniel B. Stephens
Assistant Professor of Hydrology

Brenton Hamil
Associate Professor of Geological Engineering
Humanities

Before language was invented, nobody ever complained
—Frobenius Theatre

Paige W. Christiansen
Professor of History
Dean of Arts and Science

John D. McKee
Professor of English

Howard E. Sylvester (retired 1978)
Professor Emeritus of English

Gary Olsen
Associate Professor of History
Dean of Students

James R. Corey
Associate Professor of English
Department Chairman (1979)

M. Jimmie Killingsworth
Assistant Professor English
Mathematics

Anyone who cannot cope with mathematics is not fully human. At best he is a tolerable subhuman who has learned to wear shoes, bathe, and not make messes in the house.

— Lazaurus Long

Alan Sharples
Associate Professor of Mathematics
Department Chairman

Allan Gutjahr
Associate Professor of Mathematics
Research Mathematician

David R. Arterburn
Associate Professor of Mathematics

Ralph W. Ball
Professor of Mathematics
Metallurgy, Materials & Environmental Engineering

The crucible is for silver, and the furnace for gold, and a man is tested by what he praises.
Proverbs of Solomon

also

Alan S. Cooper
Assistant Professor of Mathematics

Bernard Sherman
Professor of Mathematics

Davis Siegel
Assistant Professor of Mathematics

Anita Singh
Assistant Professor of Mathematics

Ashok Singh
Assistant Professor of Mathematics

Geoffrey Purcell
Professor of Metallurgy
Department Chairman

Bobbe J. Forster
Lecturer in Mathematics

Clyde M. Dubbs
Assistant Professor of Mathematics
also

Charles Stein
Associate Professor of Metallurgy

Marc A. Meyers
Associate Professor of Metallurgy

Ibrahim H. Gundler
Temporary Assistant Professor of Metallurgy

Neils Engel
Adjunct Professor of Metallurgical and Materials Engineering

Henry J. Hack
Adjunct Assistant Professor of Metallurgy

---

Martha J. Mitchell
Assistant Professor of Metallurgical and Environmental Engineering

---

Alan R. Miller
Professor of Metallurgy

Lawrence E. Murr
Professor of Metallurgy
Department Chairman

---

Arpad E. Torma
Professor of Metallurgy
Dean of Engineering
Director of Mining and Mineral Resources Research Institute

Osman Tugay Inal
Professor of Metallurgy
Mining & Geologic Engineering

Whatever power is responsible for the universe made ore deposits; but mines are made by the genius of man.

Parsons

John R. Sturgul
Professor of Mining Engineering
Department Chairman of Mining and Petroleum Engineering

Tibor Rozgonyi
Associate Professor of Mining Engineering

Jan Wolski
Associate Professor of Mining Engineering

Wayne Griffin
Associate Professor of Mining Engineering

Kalman Oravecz
Professor of Mining Engineering

Robert Pettit
Lecturer IV in Mining Engineering

also

Don Buddecke
Instructor of Mining Engineering
Petroleum Engineering

Desirable treasure and oil are in the dwelling of the wise, but a fool that devises them.

Proverbs of Solomon, Son of David 21:20

Joseph Taber
Adjunct Professor of Petroleum Engineering

Franklin M. Orr
Adjunct Assistant Professor of Petroleum Engineering Senior Engineer (PRRC)

Norman Morrow
Adjunct Professor of Petroleum Engineering Senior Scientist (PRRC)

Langdon Taylor
Temporary Professor of Petroleum Engineering

John P. Heller
Adjunct Professor of Petroleum Engineering Senior Scientist (PRRC)
John B. Thuren
Associate Professor of Petroleum

Cathy Aguilas-Morgan
Instructor of Petroleum Engineering

U. K. Acharya
Associate Professor of Petroleum Engineering

also
Peter Puon
Assistant Professor of Petroleum Engineering
Edwin Szymanski
Assistant Professor of Petroleum Engineering

William Lyons
Lecturer IV Petroleum Engineering

Iverson Martin
Instructor of Physical Recreation
Golf Professional

also
Jim McCarthy
Associate Professor of Physical Recreation
Department Chairman

Bill Musser
Instructor and Assistant Director of Physical Recreation
Physics

We have ascertained that inductive physics asks questions of deductive, and vice versa, the answers to which demand the exertion of all our energies.
— Einstein

Charles B. Moore
Professor of Atmospheric Physics

Marvin Wilkening
Professor of Physics
Dean of Graduate Studies
Senior Research Physicist

Stephen D. Schery
Assistant of Physics
Research Physicist

William P. Winn
Associate Professor of Physics
Department Chairman
Research Physicist

Elliott P. Moore
Associate Professor of Physics
Research Astronomer

David J. Raymond
Associate Professor of Physics
Research Physicist
Marx Brook
Professor of Physics
Director Research and Development Division

David M. Gibson
Assistant Professor of Astrophysics
Research Astrophysicist

Charles R. Holmes
Professor of Physics
Acting Dean of Graduate Studies
Kenneth W. Ford  
Professor of Physics  
President Of the Institute

Leslie D. Faison (retired 1981)  
Professor Emeritus of Physics

Vernon G. LeFebre  
Associate Professor of Physics

also

Stirling A. Colgate  
Adjunct Research Professor of Physics

Ross Lomaitz  
Professor of Physics

Albert G. Petschek  
Professor of Physics  
Senior Research Physicist

Robert M. Hjellming  
Adjunct Professor of Astrophysics

David E. Thomas  
Lecturer II Physics (part-time)

J. A. Petterson  
Assistant Professor of Astrophysics  
Research Astrophysicist

Jean A. Ellek  
Assistant Professor of Astrophysics
Psychology & Education

People sell talking parrots for huge sums. They never pause to compare the possible value of a thinking parrot.
— atr: Nasrudin

Robert H. Cormack
Professor of Psychology
Department Chairman
Dean of Students (till 1978)

Thomas Turney
Assistant Professor of Psychology

Frank T. Etscorn
Assistant Professor of Psychology

also

Barbara Popp
Part-time Lecturer in Education
the only CONSTANT is CHANGE

By the 1930's and 40's women were admitted to New Mexico School of Mines. Few females attended the male-dominated school. Even by the early 1950's the male-female ratio was more than 10 to 1.

Sometime after 1945 the name of the school was changed to New Mexico Institute of Mining and Technology.

When New Mexico School of Mines opened its doors in 1889, it offered Mining, Metallurgical, Geological, Civil, Electrical, and Mechanical Engineering.

As an all-male school, the Institute originally consisted of only Brown and Driscoll Hall. The buildings were situated amidst abundant desert foliage and there was even a hay field between the school and Socorro.
By 1960, most of the presently existing buildings had been erected. Besides Brown and Driscoll, these included Fitch, Presidents, Wells, Cramer, Weir, Workman, the gym, and the student Union Building (SUB). West and South Hall were built in the mid 1960's.

Also, intercollegiate sports, which were prominent during the early years of Tech, were discontinued. Intramurals became popular, especially with the continued increased enrollment of women to the school.

During the 1970's, building continued. Additions were made on Cramer and the gym, and the Martin Speare Memorial Library was constructed.

Since porphyry '76 was printed, the Tech campus has seen many changes, especially additions.

In the fall of 1977, U-Hall was brought onto the southern part of campus. These prefabricated buildings house a total of 77 students and strongly resemble a trailer court. U-Hall is to be dismantled soon.
Fall of 1975 saw completion and occupation of the Kelly Building, or the Petroleum Research and Recovery Center (PRRC). This solar panel-topped building houses the Petroleum Engineering Department and sits west of Workman.

Baca Hall, a 60 person dormitory, was 'quickly assembled' on the south side of U-Hall and was occupied by fall of 1975. Originally slated to be a female dorm, it also made the transition through coed to a graduate dorm.

Along with spring flowers, 1980 heralded a new SUB addition with terraces, a courtyard, and space for a larger bookstore, more recreational facilities and student offices.

In the summer of 1980, the Mining, Metallurgy and Chemistry departments took up residence in Fayette Jones Hall (or Phase II), located north by northwest of Workman. The solar panels on Jones Hall's roof heated it sufficiently enough that the furnaces weren't even used later that winter.

As the Chemistry department vacated Cramer, where it had been located, the vacuum was filled by the Humanities department who now lives in a new wing of Cramer. This wing was built on the north end of Cramer and finished in fall of 1980.

Driscoll Hall, long recognized as structurally unsound, was razed in July of 1979. The new Driscoll was built on the same site and in the same design as Fitch and President Hall. This luxurious dorm will hold 50 women and is expected to be ready for the fall 1981 students.
LEFT: POST OFFICE — Sharon Spurgin, Cathy Griego, Lee Kroll, Barbara George. ABOVE: REGISTRAR — Virginia Marquez, Patrick Buckley, Joyce Aguilera.


LEFT: AUXILLARY ENTERPRISES (Campus Service) — Seated: Linda Padilla; Standing: Lois Bell, Caria Castle, Bob Pyke, Sheila Thompson; Absent: Bill Bradley, Vannetta Perry. BELOW: BUSINESS OFFICE — Front Row: Cecilia Montoya, Ana Montoya; Row 2: Lucy Griego, Joyce Chavez, Phyllis Santomenna; Row 3: Jim Dryden, Don Irby.
Petroleum Recovery Research Center

RIGHT: CO₂ FLOODING GROUP — Mickey Pelletier, Matthew K. Silva, Claire Jensen, Mary Graham, Chris Lien, Bob Bretz; Absent: Lnyy Orr.


NEW MEXICO BUREAU OF MINES AND MINERAL RESOURCES


BUREAU OF MINES — Dave Love, Kathy Eden, Frank Kottiowski, George Austin, Judy Vaiza, Norma Meeks; Artieh Montoya, Sue Ness.


CAFETERIA — Dave Jones, Jose Lopez, Rose Torres, Rosie Morales, Stella Lehew, Rosalie Torres, Inez Carbajal, James Preston, Lola Otero; Absent: Tony Gutierrez, Robert Martinez, Exquis Acosta.

BUREAU OF MINES — Richard Chamberlin, Mark Logsdon, Michael Wooldridge, Coralee Bristley, Virginia McLemore, Amy Shacklett, Cindy Howell, Barbara Popp, Robert Biebierman.


LEFT: FIELD CREW — Front Row: K. C. Cotton, Raymond Sanchez, Raymond Montoya, Mike Herrera ("Gerber"), Gilbert Gonzales; Row 2: Bob Greiner, Frank Padilla, Joe L. Gutierrez, Mike S. Herrera, Sr.

LEFT: INSTRUMENTATION GROUP — E. F. Savedge, John Gallagher, Mike Emch.
RIGHT: BALLISTICS RESEARCH — Front Row: Ed Padilla, Dave Collis, Albert Herrera, Sinclair Hunt; Row 2: Jim Mims, Mike Lewis, Jay McClellan. BELOW RIGHT: ORDNANCE CREW — Alex Chavez, Donald Lewis, Tom Stankey, Dennis Hunter, Bill Rucker. BELOW: OFFICE STAFF — Gloria Green, Victoria Dye, Debbie Brook, Rose Naranjo.


LEFT: SPECIAL THANKS TO BILL DEMARCO OF THE R & D PHOTO LAB.
Clubs and Organizations

Society of Petroleum Engineers
Sitting: Diane Visser, President
Standing: L-R: Dave Martin, SPE Sponsor; Steve Crane, Vice President; Jeff Gurian, Treasurer.
Top: Donna Crane, Secretary

MINERALOGICAL SOCIETY OFFICERS: FRONT ROW: Mike Schelin, Editor (N.M. Tech Mineralogical Society News); Charlotte "Charlie" Rowe, Treasurer; Frank Kimber, Vice president; Chris Berry, Secretary. STANDING: Mark Leo, President.


Student Association (SA)

Kevin Donovan: SA Vice President
SA President (1981: )

Standing: Johann Lindig, Brad Bradley, Piper Schlick, Brian Ritter (Supreme Court Justice), Dodi Cohen, Jim Rice, Art Johnston, Joann Vulio, Brian Davis, Kris Hafterson, Dan Carlson.
Rowing Club
L-R: Brian Davis, Josh Soybell, Dave Thomas, Bob Reedy, Bob Goeseke, Pete Savinelli, Steve Novak (CBF), George Mc Alpine, Amanda Taylor.

Soccer Team

"Sub Crew"
L-R: Paul Kiecka (Head Janitor), Greg Conklin, Mikel Lindley (Manager), Charles H. Heard, Jr., John Durkin, John Welge, Kevin "Elmer" Kelly, Lisa Fricke.
Not shown: Chris Valentine, Mike Plaster, Barry McCall, Kate Willett.

KTEK Officers
L-R: Ed Duncan, PR Director; Dan Carlson, Music Director; Mark Leo, Engineer; Todd Kay, Program Director; Diane Hattler, Secretary/Treasurer; Bruce Brown, General Manager.
Weightlifting Club

L-R Front Row: Victor ?, Joe Maulsby, Trong Song ?, Scott Weller (?) Where are they now?

Ktek Staff


ESES


Metaphysics Coalition

L-R, 1st row: Dan Carlson, Joe Massey, Joe Fryer, Mike Weinstein, Peggy Sahuika, Ed Duncan, Tom Dunn, Linda Armijo, Ernie Cody, Gabe.

2nd row: Rob Stevenson, Aleister Crowley, Tim Leary, Albert Hofmann, Mulla Nasrudin, Robert Reedy, Craig Orchant.

3rd row: Adam Weishaupt, Robert Anton Wilson, Hugh Ronemos, Mark Talley, Tiny, Rick Widebrook, DenJo, Carlos Castenada, Stirling Colgate; Metaphysician Emeritus.
Hydrothermal Club


Ruggers

L-R Front Row: Gary Gorzyka, Jim Mims, Jay Weinstein, Scott Sigurson, Bob Maddis, Rob McAlpine, Bowling Ball, Jann Alvarado. Back Row: Mike Brockett, Phil Poseier, Steve Novak, Mike Honeycutt, Bill Daddono, Jeff Garlough, McKay Pugmire, Ted Garland, Henning Von Klingraeff, Keith Stock, last two members unable to be named.

The Mustard Seeders

Back: Alan Duvall, Lynn Nergard, Alan Kerr, Jesse Chisholm, Laura Dillan. Mid: Rick Weesner, Bill Cameron, David Mosche, Dr. Gross. Front: Neil Kueilmer, Mike Farmer, Dave Gullinger
FOOTBALL
SOCCER

SOFTBALL

MUSHBALL

FAST PITCH SOFTBALL — After the '81 season the Staff team beat O'Levery's for the championship.

SLOW PITCH SOFTBALL — Born to Lose lost, by a score of 11 to 5, to the Posecats in the finals.

MUSHBALL — The F.G. Allstars barely beat the Hole by a score of 11 to 10 for first place.

BASKETBALL

1981 Basketball Results

A champs of B squad
Lucky Pierre

B champs of B squad
Horizontal Horsemens

A champs of A squad
Who
The Lacrosse team, after their first year on Campus, had a very consistent record in their 5 or 6 games held. (They lost them all.)

Fred. (The team not the person) won a decisive victory in the Volleyball finals.

And Much More...
The 1981 cutthroat Racketball championships was won by Frank Elscorn.

And the Staff/Faculty racketball game was won by Dave Duggan.
Thomas Cramer
Regent 26 years
(Cramer Award)
Awarded to a graduate in engineering who ranks highest in scholarship.

Irving Langmuir—Physicist: 1881-1957
Nobel Laureate: 1932
(Langmuir Award)
Awarded to a student or graduate who has submitted for publication in a leading journal within the previous year, an outstanding scientific research paper.

Morris Stubbs—Professor of chemistry:
1946-1963
(Award for Excellence in Chemistry)
Awarded to a graduate in Chemistry who ranks highest in scholarship.

Howard E. Sylvester—Professor of English:
1952-1979
(Award for excellence in Humanities)
Awarded to a graduate achieving highest standards in humanities.

C.T. Brown—Regent: 1899-1913
1917-1922
(Brown Medal)
Awarded to a graduate who, in the judgement of the faculty, ranks highest in scholarship, conduct, and leadership.
Speakers
77 — Dr. Stanislaw Ulam (S7)
78 — Dr. Charles Eames (S8)
79 — Dr. John A. Wheeler (S9)
80 — Dr. Harry Woolf (S0)
81 — Dr. Harrison Schmitt (S1)

Brown Medal
77 — William X. Chavez, Jr. (B7)
78 — Terry C. Wallace, Jr. (B8)
79 — David E. Thomas (B9)
80 — Richard T. Owens (B9)
81 — Ruth Ann Aerts (B1)

Langmuir Award
77 — David Rust
78 — Edan Emigdio Flores W. (PhD)
79 — Charles Weidman
80 — Eric J. Rinehart
81 — David E. Thomas (L1)

NMIMT Service Award
77 — Charlie Vandiver (N7)
78 — Gerry Schmidt (N8)
79 — Larry Chapman (N9)
80 — Robert Lydick (N0)
81 — Julius Trosed (N1)

Cramer Award
77 — Mark D. Ivey
78 — Reid A. Wistort (C8)
79 — Kent P. Mizgalski (C9)
80 — Jack L. Waldron (C0)
81 — Robert Schwing
Morris Stubbs Award for Excellence in Chemistry
78 — Jose Lopez
79 — Steve Lockwood (M9)
80 — Jesse Rael (M0)
81 — Kay Lynn Kuhlemeyer (M1)

Old Timers Award
78 — Thomas Minoch
79 — Ralph Lawson
80 — Richard Jones (O0)
81 — Donald Bush (O1)

Howard Sylvester Award for Excellence in Humanities
80 — Sheila Thompson (HD)
81 — David A. Schoderbek

Founders Award
78 — Mohammed Mujahid (F8)
77 — Jill Ward (F9)
80 — Charles Shearer (PhD)
81 — Robert Newell (F1)

Honorary Degrees
77 — Master of Engineering Technology:
     Francis L. Maher (D7)
     Jack W. Coob (D6)
77 — Regent’s Distinguished Service Award:
     Holm Bursalm, Jr. (D5)
80 — R. E. Samples (D4)

Paige Ashman Memorial Award in Metallurgy
81 — Ned Pendleton
These two pages are dedicated to the memory of four of our fellow students who passed away while attending New Mexico Tech. The families of these students graciously agreed to share with us some of their feelings with regards to their loved ones.

Edward Brandt

Edward Carl Brandt was the dearly loved son of Daniel and Nora Brandt and brother of Kenneth and Dennis Brandt. He was born and raised in Los Alamos, New Mexico.

Ed was born with a congenital heart disease which presented him with physical difficulties which eventually proved to be insurmountable, but which challenged and stimulated him to lead a life of rich human honesty, humor, and an unparalleled joy for living. As a child he worked and delighted all those who met him with his mischievous humor. Over the years his humor developed into a wit which became, along with his love for music and his love for people, the hallmark of his life.

His interest in music began at the age of fourteen when he taught himself to drum. A few years later he obtained a banjo which proved to be the perfect outlet for a deep-seated inner joy. And much to the joy of his many friends he shared his love of music with the students of New Mexico Tech by playing in a popular bluegrass band, "The Vigilantes".

His years at New Mexico Tech were the richest, happiest, most emotionally rewarding of his life and the most rewarding for his friends and loved ones. Of his love for people, the enduring memories of his friends, many of whom still teach and study at New Mexico Tech, are ample testimony.

There aren't many people of whom one can say, "I am a better person for having known him." Ed was such a person. Ed passed from our world on December 6, 1979.

The Brandt Family

Bobby Lance Analla

Bobby L. Analla was a 24 year old Laguna Indian, was married and had three small children. He attended New Mexico Tech in the fall of 1980.

Being a drill foreman at Anaconda Company in Pajute, New Mexico and facing a large lay-off of company employees, Bobby was offered a scholarship to New Mexico Tech, an opportunity he had desired for a long time, but which his family had thought impractical. He earnestly took it. He was majoring in Mining Engineering.

Bobby was kind, gentle and considerate person. Always having a smile on his face, he made a lot of friends. His interests varied but hunting was his all time favorite. He also played baseball during the summer with the Paraje Padres, his uncle Ike Peacock's team.

Bobby was a hard worker and met everything as a challenge. He tried his best at everything and never gave up. He had a lot going for him and he set his goals high, feeling that a person could achieve anything through determination and hard work. Encouraging his family and friends to do so, he hoped to set an example for them.

On November 26, 1980, due to an improperly ventilated heating system, Bobby and his uncle Ike Peacock, also a student at Tech, died from asphyxiation in their apartment in Socorro. We'll never forget Bobby and the ideals he represented.

Joyce Analla

Kevin Jon Goranson was born 29 December 1959 in Albuquerque, New Mexico. Kevin lived in Placitas, New Mexico attending grade school there, then junior high and high school in Bernalillo, New Mexico. While at Bernalillo High School, Kevin was active in Boy Scouts, the National Honor Society, Ski Club, German Club and Spanish Club. Kevin was treasurer of the science club, and lettered in football two years as team manager. Kevin was on the Honor Roll throughout high school and graduated fifth in his class of one hundred eighty in 1977, was voted "most studious" by his classmates. Kevin is listed in "Who's Who Among American High School Students 1976-1977". Kevin entered New Mexico Tech in 1977, Summer semester, as a physics major. Had Kevin completed his Spring 1981 semester he would have completed the requirements for a Baccalaureate in Mathematics with Honors. The Regents of New Mexico Tech granted Kevin a posthumous Bachelor of Science degree in Physics on the basis of work completed prior to his death. Kevin was a candidate for a Rhodes Scholarship nomination and also for the graduate program for combined optical studies as the UNM Optics Science Center and the Max Planck Institute in Munich. Kevin worked on an Undergraduate Honors Program for Professor G. W. Gross in the Petroleum Recovery Research Center since his Sophomore year, earning most of his college expenses.

Kevin was active in New Mexico Tech activities. He was Captain of the Frisbee team, went on Tech Alumni Association ski trips and participated in all Saint Pat's and 49ers at Tech.

Kevin's older brother, Mark, graduated from NM Tech in 1979 with a bachelors in Physics. Kevin's younger brother, David, is presently a sophomore at Tech and is working at the TERA Field Laboratory.

A Kevin Goranson Memorial Scholarship was established in October 1980 to grant a $50 book fund to a deserving NM Tech undergraduate each semester.

The Goranson Family

IN MEMORIAM

Ike Peacock

His pursuit of excellence, concern for others, especially youth and his leadership are among the most outstanding characteristics of Ike Peacock. His death in November, 1980 was a tragedy not only to his family, but to the Pueblo of Laguna and to the Tech community.

Ike was majoring in mining engineering. Prior to his enrollment at Tech, he was a foreman at the Jackpile Mine in Pajute, New Mexico. Anaconda was providing financial assistance to Ike to pursue an engineering degree.

Family was the center of his life, Ike is survived by his wife, children, grandchildren and many relatives.

Ike Peacock will be remembered at Tech for his enthusiasm and cheerful words of encouragement. He will always exemplify the qualities of excellence.
IT'S 1981... TIME FOR

THE FURTHER ADVENTURES OF ERNIE ELECTRON

by DT

SPECIAL PORPHYRY EDITION

AND IT LIES BETWEEN THE PIT OF SAINT PATRICK AND THE SUMMIT OF "M" MOUNTAIN. IT IS AN AREA WHICH WE CALL...

THE SOCORRO ZONE

OUR STORY INVOLVES A SET OF STRANGE EVENTS—TRANSFORMATIONS IF YOU WILL. OUR FIRST "VICTIM" APPEARS TO BE ATTENDING A PERFECTLY NORMAL MATH 132 CLASS...

THE DAYDREAMING STUDENT IS SUDDENLY AWARE THAT HIS REALITY IS UNDERGOING A RADICAL CHANGE...

OUR NEXT GUEST IS FOUND ENGROSSED IN A GAME OF "PAC-MAN"...

WHOA!?

THE PLAYER FINDS HIMSELF IN REAL TROUBLE!

THE NEXT MEMBER OF THE CAST IS BUSY TETHERING A BALLOON AT LANGLEY MOUNTAIN...

WHEN A BOLT OF LIGHTNING ERUPTS FROM THE SKY...

AND SENDS HIM INTO THE REALM OF THE ELECTRON!

HELLO THERE!

I'M ERNIE ELECTRON, AND THIS IS MY REALM!
WHAT AM I DOING HERE?
I SENT FOR YOU! WE NEED YOUR HELP!
AS YOU KNOW, SOCORRO IS A PRETTY STRANGE PLACE! BUT LATELY, THERE HAVE BEEN SOME REALLY WEIRD EVENTS IN THE SOCORRO ZONE!
IT APPEARS THAT THE ZONE IS SPREADING, AND GROWING STRONGER!
THE ZONE MUST BE CONTAINED!!

WE NEED YOU TO HELP US ENTER THE NEXUS OF THE SOCORRO ZONE! READY?
LET'S GO!!

SOCORRO ZONE
THIS WAY

LOOK OUT!
HERE IT COMES!
THE SOCORRO ZONE ATTACKS WITH ALL ITS MIGHT!

DC 7/3/81

QUICK! THE NEXUS CONTROL!
GOTTA KEEP GOING!
NEARLY THERE!
ALMOST THERE!

THE SOCORRO ZONE HAS BEEN CONTAINED!

WELL, HERE WE ARE AT THE SOCORRO NEXUS! THE CONTROL PANEL FOR THE ZONE CAN ONLY BE OPERATED BY A NATIVE, SUCH AS YOURSELF!

BUT WATCH OUT FOR A STRONG PULL FROM THE ZONE! THIS CLOSE TO THE NEXUS, WE COULD BE SUCKED INTO SOCORRO FOREVER!

OF COURSE, THE ZONE WILL STILL BE ACTIVE, THO' AT A REDUCED LEVEL. MANY WILL FIND IT HARD TO LEAVE SOCORRO, AND SOME WILL BE STUCK THERE FOR ETERNITY!

THE ZONE STILL PULLS ON THOSE WHO HAVE LEFT SOCORRO! I RECOMMEND A YEARLY MIGRATION FOR SEVERE CASES. WHY NOT AT 49'ERS? HEY, MAYBE WE CAN GET THE VIGILANTE BAND TOGETHER FOR A GIG! HMMM...

HEAVY, MAN!

THE END

© DAVE THOMPSON CLASS OF 77, 79, 80
Dear Reader:

Just a few inside comments are due on this hard-bound edition you now hold.

Since NMMIT's recent history only witnesses one yearbook every five years, I had the opportunity to draw upon great and numerous sources for Porphyry '81's material. Even though our span of portrayal is greater than five years, our efforts were mostly contained to the people and events between May '76 and May '81.

Even so, we have touched on much of Tech and even reached out in our sales as far away as Hong Kong and as far back as our class of '88. We've tried to make this book a mnemonic device for anyone who has experienced Tech.

We used the space otherwise occupied by advertising to give you more of you. And as far as copy, well we figure that at 1000 words per picture, and over 1000 pictures, that is at least 10^6 words.

Of course we won't mention any of the things that went wrong while we assembled all those pictures and words.

Although this compendium lacks an alphabetized index, almost 1000 different Tech people are listed near a reasonable facsimile of their supposed names and/or titles.

Pro bono publico

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Editor: Dan Carlson
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Faculty: Todd Kay
Campus Change: Jill Bartel
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...plus the help of Information Services (Ron Hamm, Stephanie Landregen, Renee Rubin and their entire crew), Tommy Baca, John Boston, Kathy Bradley, Bill De Marco, Bud Foon, Dr. Ford, Deb Hall, Matt Hubych, John & Candy, Art Johnston, Paul Klecka, Elma Lopez, Keith Mailoux, Elliot Moore, Barry McClain, Kathleen McGrath, Steve McKenney, NASA, Anne Olsen (C.T. Brown portrait), Gary Olsen, Roger Ordway, Bob Osburn, Personnel, Tim Post, T.C. Rhodes, Jim Rice, John Rivard, John Shortess and Dodi Cohen. Quantity Control, Undergrads, Grads, Administration, Clubs & Organizations, Miscellaneous, Credits, Layout, Photo Editing, and Random Copy by Bud Foon.

My best thoughts always come a little too late.