1889
NMSM
75 Years of Service
by Paige Christiansen

This year, 1964, marks the 75th anniversary of New Mexico Institute of Mining and Technology. As important landmarks are reached it is wise to pause for a moment to contemplate the past. Only when we know the past can we clearly assess the present, and without knowledge of both, planning for the future is meaningless.

The school was founded by an act of the New Mexico Territorial Legislature of 1889 "to furnish facilities for the education of such persons as may desire to receive instruction in chemistry, metallurgy, mineralogy, geology, mining, milling, engineering, mathematics, mechanics, drawing, the fundamental laws of the United States and the rights and duties of citizenship, and such other courses of study as may be prescribed by the Board of Trustees."

While the legislature created the school, it took more than a statute to make it a reality. In 1889 a group of Socorro citizens donated twenty-two and one-fifth acres of land to the Territory on which to build the school. During the summer of 1893 a building of "gray trachyte from Blue Canyon in the Socorro Mountains trimmed with Arizona sandstone" was completed. The first students, seven in number, arrived to begin instruction in September, 1893. Financial problems forced the school to close during 1894, but from 1895 to the present the school was operated without interruption. From its founding until 1951 it functioned under the name of the New Mexico State School of Mines. Since 1951 it has been known as the New Mexico Institute of Mining and Technology.

The physical plant has undergone three basic periods of growth. The first included the original building plus the old engineering building (1916) and Driscoll Hall (1907). Only part of Driscoll Hall, Brown Annex (the only part of the old building not destroyed by fire in 1928), and the present power plant (part of the old engineering building) are still in use. The second period of growth was during the presidency of Edgar H. Wells, from 1921 to 1939. In the 1920's Brown Hall (which was constructed to replace the old main building), Science Hall (1928), and a gymnasium (built in 1923 by student labor) were constructed. In the decade of the 1930's, with the availability of federal funds, the school acquired all of the now familiar buildings. The third great period of growth was under Dr. E. J. Workman, president from 1946 to 1964. During these years new construction included the Research Building (1949), married students apartments, faculty rest houses, the swimming pool, Weir Hall and its adjoining canoe and dining facility, the addition to Weir Hall, and the golf course. Numerous recreational facilities plus substantial landscaping were also accomplished.

From 1893, when classes first began, to 1930, the school's curriculum was devoted almost entirely to mining.

But because of the growth of the petroleum industry, emphasis shifted to petroleum engineering, and after 1935 the School of Mines became a petroleum engineering school. During World War II it lost its civilian students and was converted into an Army training school. In 1945, with the end of the Army program, the school met the most critical point in its 75-year history. Only fifteen students were enrolled in the 1944-1945 school year. Without the direct intervention of the Governor, the school might have closed permanently for lack of students.

World War II veterans returning to school caused enrollment to soar. Also, in the immediate post-war period, there was renewed interest in mining and metallurgy. But the boom came to an end, as did the interest in mining. In the decade of the 1950's new programs were required to attract students and new facilities were added to serve a wider curriculum. The Research Division, attached to the school in 1946, was moved to the campus in 1949. With it came a considerable number of men who were highly educated in many branches of science. The changes which resulted were significant. A graduate program was added in 1946 leading to a master's degree in earth sciences. Later, physics, chemistry, geology, mathematics, ground water hydrology and exerotive metalurgy were added to the graduate curriculum. In 1958 a program leading toward a Doctor of Philosophy degree in Geophysics was initiated. The undergraduate program also benefited from this change. Bachelor of science degrees in physics, geophysics, geology, mathematics, biology, and a number of options within these fields became available. The older fields of engineering were retained and play an important role in the school's program, but they do not dominate the curriculum as they once did. The academic status of the school also changed markedly. In 1940, for the first time in its history, the school was accredited by a recognized accrediting agency, the North Central Association.

By expanding its curriculum to fit the needs of the State of New Mexico and the nation, New Mexico Tech entered its greatest period of growth in the 1960's. The nation as a whole, and New Mexico in particular, has cause to look to its educational system. The people who will face the tremendous task of equating the ever increasing burden of knowledge to the American scene will be educated in the nation's institutions of higher learning. New Mexico Institute of Mining and Technology will play an important role in this great undertaking. The phrase "with all the rights, privileges, and responsibilities therefore pertaining," has become familiar to many generations of graduates of the school, and will bring a sense of great achievement to many more. Let it be hoped that thoughts of their school will stir in them a nostalgia for the past, enthusiasm for the present, and vision for the future.
November 27, 1963

To the Associated Students:

The growth of the student body in numbers and service during the past few years has been most gratifying to administrative officials and members of the staff. In my capacity as president of this university, I have observed with very careful watch how the growth has been maintained. It is my studied conclusion that the student body has arrived at the point where the resources of the college and the facilities envisioned in the original plan are fully utilized.

I commend the work of the students and the faculty and mission of the college to the continued cooperation of the students and the further development of the college with its growth.

Sincerely yours,

E. J. Workman

E. J. Workman

December 23, 1963

To the Editor and the Staff of The Pyrenean:

I am writing this greeting during the Christmas holidays of the 1963-64 academic year. The campus is deserted; the halls are empty; the stir and activity of student life are suspended. Such quiet is unusual. It is as if the vitality of New Mexico Institute of Mining and Technology has been drained away.

Thus far, the current academic year has been one of unusual significance to the Institute, and I believe it is a comfort to realize that the quiet of these days soon will be broken and vital energy restored. The interest in student affairs demonstrated by students and the force of student enthusiasm and responsibility, which culminated shortly before the holidays in overwhelming student support for the creation of student facilities on the campus, is an encouraging sign for the future.

You students of 1963-64 have made a most important contribution to the student generations who will follow you. My heartfelt congratulations.

Sincerely,

Howard Sylvester

Howard Sylvester
We pause a moment in the publishing of the PORPHYRY to reflect upon an event of the past year, an event which affected each member of the student body as well as all the peoples of the nation and the world.

That fateful November 22, will be remembered throughout history not only as the date of the assassination of our president, but as a day on which the world mourned.

It is difficult to understand how an event such as this could possibly take place in our nation and there is not much we can write to explain such a tragedy. Each person has his view and each person reflects his astonishment that this tragedy took place in the United States.

We pause to pay our respect to the late President of the United States

JOHN FITZGERALD KENNEDY
OUR PAST IS REFLECTED IN OUR PROGRESS
Driscoll Hall
With the increase in women students at the college, the old men's residence was renovated and is now the women's residence.

West Hall
The newest of men's residence halls, West Hall is the most modern dormitory on campus. The new Dining Hall and Canteen are also an integral part of West Hall.

Pritch Hall
The oldest of the men's residence halls, Pritch housed the Dining Room for the college until the completion of West Hall. At that time Pritch was expanded to its present capacity.

President's Hall
President's Hall, an upperclassmen residence hall, was completed in 1939 and houses single male students.

Graduate Residence
In the last few years with increased enrollment, the male graduate students have obtained a dormitory of their own. The old girls' dormitory on the hill, southwest of the main campus, has been converted to this new purpose.

Main Campus
With abundant lawns and trees, the college campus appears to be an oasis in the desert.
HILL APARTMENTS

Located just southwest of the main campus the Hill Apartments provide housing for the married students of the college.

GIBBONS APARTMENTS

The second hall of the married students residence, the older Gibbons Apartments have long served the college.

COLLEGE SWIM CENTER

Constructed in conjunction with the town of Socorro and the department of the Navy, the swim center provides recreation for students as well as the people of Socorro.
TECH PLANS NEW SUB

The idea of a Student Union Building at Tech is not new. The need for and lack of such a building has long been recognized and lamented by students and administration alike. Action on such a building, however, had been lacking to date until the Student Council, meeting in closed sessions and acting on behalf of the Student Association, came up with a workable plan to finance and build a union with funds contributed by the student body. A proposal outlining the plan was drawn and submitted to Institute President. Dr. E.J. Workman by council members Eric Berg, president; Bob Landell, vice president; Nelson Welch, secretary-treasurer; David Zick; Leon Jackson, Albert Harvey; Royce Wysock; and Nathan Colombo, class representatives, and Paige Christiansen, sponsor. Dr. Workman gave the proposal his approval and preliminary planning was begun.

Artists Conception of New Sub

PROPOSED FLOOR PLAN FOR SUB

STUDENT BODY PRESIDENT, BERD, PROPOSES SUB
REGISTRAR
Arthur P. Stanton

BUSINESS MANAGER
Howard E. Manning

ADMINISTRATIVE AIDE
Alfred A. Calloudon

DIRECTOR OF ADMISSIONS
James H. McElhoney

DIRECTOR OF STUDENT AFFAIRS
Charles Sheehan

DIRECTOR OF PUBLICATIONS
Abenrobie Holmes, Jr.
LIBRARY STAFF
Irma Youngblood
Melico Apodaca
Helen Sickles

PURCHASING STAFF
Cecilia Montoya
Maggie Hollis

SECRETARY TO PRESIDENT
Corrinea McDonough

SECRETARY TO REGISTRAR
Virginia Marquez

ADMINISTRATIVE SECRETARY
Maud Tidd

ADMINISTRATIVE SECRETARY
Florence Jeffreys

HEAD RESIDENT OF DRISCOLL HALL
Phyllis Vossells

CAFETERIA STAFF
Herman Trujillo
Gene Torreos
Roger Castillo
Arthur Gallegas
Jose Lopez
Grace Duggins
Irene Garcia
Sadie Markland

POSTMASTER
Charles Del Curto
The chemistry department deals with the education of the student in practical and theoretical research. The creation of an active interest in the composition of matter and its components is the goal of the department.

Upon the completion of his course of studies the student is very well trained in the aspects of organic, physical, inorganic, and analytical chemistry. Such training opens many fields of endeavor for the student including graduate work.

CHEMISTRY
Roller C. Beckhart
SENIOR
Fort Lauderdale, Florida
chemistry club
American Chemical Society
national science foundation
Gary Z. Carl
SENIOR
Roswell, New Mexico
chemistry club
college program series

Timothy C. Konkol
SENIOR
Yonkers, New York
president chemistry club
senior class historian
student council representative
James A. Rowles II
SENIOR
Tulsa, Oklahoma

Peter J. Davoli
SENIOR
Dartmouth, Massachusetts
chemistry club
cooney mining club

Richard S. Shay
SENIOR
Atlanta, Illinois
editor porphyry
American Chemical Society
sec-treas chemistry

Leonard W. Gray
SENIOR
Waycross, Georgia
vice president chemistry club
Raymond Jajola
SENIOR
Socorro, New Mexico
chemistry club
national science foundation
undergraduate research

Bruce W. Gay
GRADUATE
Ludlow, Massachusetts
David A. Schwab
GRADUATE
Wrangell, Alaska
The mathematics department is the preparatory field of all the aspects of science. The theoretical ideas of all science are founded upon numerical systems and the translation of these systems into applicable solutions.

The department's aim is to present the fundamentals to each student in such a manner as to help the student to become more proficient in his own field or to help the mathematician understand the bases of the other fields.

MATHEMATICS

RAFAEL SANCHEZ-DIAZ
1947
Professor of Mathematics
Head of the Department
PhD UNIVERSITY OF CALIFORNIA 1933

CHARLES D. HARRIS
1940
Associate Professor of Mathematics
Lecturer in Petroleum Engineering
PhD CARNEGIE INSTITUTE OF TECHNOLOGY 1952

MARTIN S. FRIEDEL
1951
Associate Professor of Mathematics
PhD UNIVERSITY OF MINNESOTA 1946

RALPH M. McGEHEE
1942
Associate Professor of Mathematics
PhD NORTH CAROLINA STATE COLLEGE 1933
Donald W. Beaver  
SENIOR  
Denver, Colorado  
student council sec-treas  
senior class sec-treas  
junior class president  

O. Lawayne Eberhart  
SENIOR  
Roswell, New Mexico  
intramurals  
physics club  
gym club  

A. Dean Shriver  
SENIOR  
Hobbs, New Mexico  
junior class sec-treas  
el oratoric  
drama club  

Walter H. Vandevender  
SENIOR  
Memphis, Tennessee  
intramurals  

Charles L. Kirby  
SENIOR  
Cortland-Albany, New York  
president senior class  
vice-president junior class  
president sophomore class  

Melvin R. Scott  
SENIOR  
Silver City, New Mexico  
president physics club  
intramurals  

Nelson E. Welch, Jr.  
SENIOR  
Deming, New Mexico  
sec-treas student council  
intramurals
The engineering department's primary concern is in preparing the student in the mining, metallurgy and petroleum fields. The mineral engineering student completes a rigorous curriculum in all fields of basic science, with emphasis on chemistry and physics, as well as studies in his own particular field.

To complete the studies for a degree in one of the engineering fields the student is concerned with the mechanical and chemical phenomena of nature, as well as the development of his ability to solve problems quickly and efficiently.

**ENGINEERING**

**GEORGE B. GRISWOLD**
1957
Associate Mining Engineer
MS UNIVERSITY OF ARIZONA 1957

**GEOFFREY PURCELL**
1961
Associate Professor of Metallurgical Engineering
PHD PENNSYLVANIA STATE UNIVERSITY 1961

**LANCROW B. TAYLOR**
1954
Professor of Petroleum Engineering
Head of the Department
MS MISSOURI SCHOOL OF MINES 1951

**GHODRAT ESTEFALI**
SENIOR
Isfahan, Iran
president international club

**DONALD R. HOGAN**
SENIOR
Dorchester, Mass.
president a.i.e. college program series

**ALFRED KLOIR**
SENIOR
Chicago, Illinois petroleum club a.i.m.e.
Chandaul P. Patel
SENIOR
Mbale, Uganda
David A. Rice
SENIOR
Carlsbad, New Mexico
A.I.M.E.
ASM

Hugh E. Woody
SENIOR
Newport News, Virginia
Coal mining club,
vice president
student council representative
petroleum club
David N. Zuck
SENIOR
Arakonan, Canada
junior class student council
representative
coal mining club
petroleum club

James Ron Williams
SENIOR
Lavington, New Mexico
vice president petroleum club
president petroleum club intramural representative
Richard A. Weeck
SENIOR
Albuquerque, New Mexico
AIME

Rudolph H. Jacobson, Jr.
GRADUATE
Fort Worth, Texas
AIME coal mining club
Ronald J. Roman
GRADUATE
Irvington, New Jersey
president AIME intramurals
The purpose of the physics department is to introduce the physical aspects of both the material and theoretical universe. The student learns about the transformation relationships of mass and energy and their applications. The physics department has a two-fold job: to train and prepare students for careers in physics and to introduce all other students to the fundamentals of the physical world.

PHYSICS
Eric L. Berg
SENIOR
Alamogordo, New Mexico
student body president
student body vice president
sophomore class president
Ronald P. Fortune
SENIOR
Morristown, N.M.
intramurals
gym club

Marc L. Boekel
GRADUATE
Remmamont Voages, France
Ara G. Charapetian
GRADUATE
Tehran, Iran

Robert E. Landoll, Jr.
SENIOR
Galena, New Mexico
student council vice president
student publications board

Alvin KaSun Yee
SENIOR
Hong Kong, China

Nathan Columbus
GRADUATE
Tel-Aviv, Israel
student council representative

Charles M. Fullerton
GRADUATE
Abiquiu, New Mexico
graduate club, president
student council
Miguel A. Marino
GRADUATE
Cienfuegos, Cuba

Royce W. Olsen
GRADUATE
Logan, Utah

Ron Stanley
GRADUATE
Dublin, Ireland

Adrian P. Visocky
GRADUATE
Altoona, Pennsylvania

Ramanantsoa Ranomasutsudra
GRADUATE
Tananarive, Madagascar

Ravula S. Reddy
GRADUATE
Dharmasagar, India

Dennis E. Williams
GRADUATE
Claremont, California
The geology department introduces the student to the study of the constitution, structure and history of the earth. The geology student finishes his course of studies with a working knowledge in many aspects of the mineral sciences. Increasing diversification has led to specializations such as petroleum geology, mining geology, and even lesser related fields such as geophysics and geochemistry.

GEOLOGY

CHRISTINA L. BAUK
1954
Professor of Geology
PHD JOHN HOPKINS UNIVERSITY 1903

ANTONIUS J. BUDDING
1956
Assistant Professor of Geology
PHD UNIVERSITY OF AMSTERDAM 1951

Henry G. Justus
SENIOR
Brooklyn, New York
vice president senior class
vice president geology club
cooney mining club

Kenneth A. Grace
GRADUATE
Cape Town, South Africa
president graduate club

Thomas I. Poe, III
GRADUATE
Luling, Texas
president geology club
vice-treas graduate club
CLAY T. SMITH
1947
Professor Of Geology
Head of the Department
PHD CALIFORNIA INSTITUTE OF TECHNOLOGY 1947

Henry G. Justus
SENIOR
Brooklyn, New York
vice president senior class
vice president geology club
cooney mining club

The geology department introduces the student to the study of the constitution, structure and history of the earth. The geology student finishes his course of studies with a working knowledge in the many aspects of the mineral sciences. Increasing diversification has led to specializations such as petroleum geology, mining geology, and even less related fields as geophysics and geochemistry.

GEOL OGY

CHRISTINA L. BALK
1956
Professor of Geology
PHD JOHN HOPKINS UNIVERSITY 1933

ANTONIUS J. BUDDING
1956
Assistant Professor of Geology
PHD UNIVERSITY OF AMSTERDAM 1951

Kenneth A. Grace
GRADUATE
Cape Town, South Africa
president graduate club

Thomas J. Poe, III
GRADUATE
Luling, Texas
president geology club
secretary graduate club

[ 48 ]

[ 49 ]
EDUCATION

JAMES H. MCELHANEY
1963
Director of Student Affairs
and Admissions
PhD OHIO STATE UNIVERSITY
1959

CHARLES SHEEHAN
1963
Assistant Director of
Student Affairs
MA WEST VIRGINIA
UNIVERSITY 1962

BIOLoGY

F. CLIFFORD JOHNSON
1963
Assistant Professor of
Biology
PhD UNIVERSITY OF TEXAS
1960

Angel G. Reyes
GRADUATE
Tarma, Peru

Fernando V. H. Santos
GRADUATE
Lisbon, Portugal

Dominador C. Uy
GRADUATE
Cebu City, Philippines
The humanities department provides the basis for the understanding of the student's specialty in relation to other areas of intellectual activity.

Through an acquaintance with literature, history and the arts, the student can develop an understanding both of himself in relation to the rest of the world and of his own discipline in relation to other disciplines.

The department's job is a difficult one since it must introduce the student to all the major humanistic disciplines and provide the impetus for the student to make deeper explorations into those disciplines of his own time.

**HUMANITIES**

**PAIGE W. CHRISTIANSEN**
1959
Assistant Professor of Humanities
PhD University of California
1959

**JOHN D. MCKEE**
1959
Assistant Professor of Humanities
PhD University of New Mexico
1956

**HAROLD P. WELLS**
1958
Associate Professor of Physical Education
Head of the Department
PhD University of Illinois
1958

**JAMES P. McGETTIGAN**
1959
Instructor of Physical Education
BS Springfield College
1959

**PHYSICAL EDUCATION**
JUNIORS

LINDA DARLENE JONES
Albuquerque, New Mexico
Mathematics

WILLIAM D. KLEIN
Albuquerque, New Mexico
Mathematics

BIL MARAS
Pueblo, Colorado
Petroleum Engineering

FRANKLIN J. MONTONATI
Denver, Colorado
Mining Engineering

STANLEY JOHN PATCHET
San Diego, California
Mining Engineering

RALPH E. PENA
P. Sumner, New Mexico
Metallurgical Engineering

DICK D. RASOWITZ
Hilton La Zie, Israel

LONNIE MARTIN
Santa Fe, New Mexico
Physics

DAVID J. MENDEZ
Barre, Massachusetts
Physics

SUMMER MARRIOTT
Selins, New Mexico
Mathematics

FREDIE SANDERS
Selins, New Mexico
Mathematics

[ 58 ]
SOPHOMORES

Calebon Aragon
Los Lunas, N. M.

Jason Bachlet
Colorado Springs, Colorado

Harold W. Braden
Topeka, Kansas

Colin R. Brumstein
New London, Connecticut

William F. Bruninger
Newark, New Jersey

Glenn E. Brueland
Ottumwa, Iowa

James P. Burt
El Segundo, California

Linda S. Carl
Topeka, Kansas

Paul A. Deji
Miami, Florida

Bernard Dougherty
Albuquerque, New Mexico

Kathleen A. Greene
Albuquerque, N. M.

Jerry Hamilton
Lexington, N. M.

Richard J. Harmon
Marine Park, Pa.

Richard A. Hensley
Albuquerque, New Mexico

Cyril C. Hensley
Vineland, New Jersey

Robert Howard
Naperville, Illinois

Leroy N. Eide
Williston, North Dakota

Louis Ann Elberg
Dallas, Texas

James M. Fleming
Boise, N. M.

Albert J. Harvey
Albuquerque, New Mexico

Stewart Howard
Naperville, Illinois
SOPHOMORES

William E. Jones
Orlando, Florida

Philip Kern
St. Louis, Missouri

Thomson J. Medrano
Santa Fe, N. M.

Woodrow C. Monte
Brick Town, New Jersey

Gary R. Morris
Mt. Prospect, Ill.

Thomas A. Myers
Owensport, N. J.

Michael Nacagold
Roanoke, Virginia

Frederic Nunn
Hinsdale, Illinois

Donald E. Knothe
Cedar, New Mexico

Michael Kawalski
Camarillo, California

Richard E. Langlois
Berlin, New Hampshire

Michael D. Lewis
Newtown, New York

Charles E. Litten
Lynn, Massachusetts

John D. Lisi
Albuquerque, N. M.

Michael McCloskey
Santa Rosa, California

Carl M. Musselman
Ridgefield, New Jersey

[ 64 ]
FRESHMEN

Ronald J. Adamson
Livingston, New Jersey

Hunayr A. Albaghchi
Santa Fe, New Mexico

James W. Armstrong
Natchitoches, Louisiana

Robert E. Barber
Roswell, New Mexico

John B. Barlow
Las Vegas, New Mexico

Larry B. Benson
Tucumcari, New Mexico

Lee L. Archuleta
Tucumcari, New Mexico

Ridley M. Armstrong
Quemado, New Mexico

Lee J. Ayers
Socorro, New Mexico

Jack C. Beers
Burlington, Washington

Richard F. Carson
Aberdeen, South Dakota

James B. Benne
Albuquerque, New Mexico

Sandra J. Choules
Clark, New Mexico

Lee A. Benky
Richmond, California

H. William Bowkens
Grand Rapids, Michigan

Stephen L. Brewer
Fremont, California

Jonathan L. Corman
Las Vegas, Nevada

Dwight K. C. Chung
Alma, Hawaii

David P. Clark
Harlingen, Texas
FRESHMEN

Roger V. Gilbert
Roswell, New Mexico

George Roger Gregg
Albuquerque, New Mexico

James C. Griffin
Hobbs, New Mexico

James E. Gregory
Laramie, Wyoming

Virginia A. Grover
Honfords, Wisconsin

Fred Husbrouck
Toledo, Ohio

Fred Mathison
Hobbs, New Mexico

Virginia A. Grover
Honfords, Wisconsin

Fred Husbrouck
Toledo, Ohio

Fred Mathison
Hobbs, New Mexico

William E. Hooper
Santa Fe, New Mexico

Phillip R. Holy
Partington, New York

Robert E. Kelber
Carlsbad, New Mexico

Bruce R. Johnson
Los Alamos, New Mexico

Joseph J. Kirby
Lake Arthur, New Mexico

Drew M. Kishos
Northampton, Pa.

James D. Fisker
Hobbs, New Mexico

Cecil K. Johnson
Roswell, New Mexico

Frederick E. Kossler
Roswell, New Mexico

Richard L. Kerby
Socorro, New Mexico

Charles W. Kitchens
Maryville, Tennessee

Mary J. Landry
Roswell, N. M.
FRESHMEN

Philip E. Lemmon, Jr.
Boston, Mass.

Kenneth Lawrence
Newtown, Pa.

Paul B. Lembke
Holley, New York

Julie C. Mower
New York, N. Y.

Douglas K. Mains
Weiser, Idaho

Mary Ann Poffenberger
Fort Bayard, N. M.

Barbara McClellan
Chimay, New Mexico

Marilyn A. Meriam

Santo Fe, New Mexico

Thomas H. Lawrence

Douglas J. Oates

Antonio R. Perez

Mary Ann Poffenberger

Ronald Reynolds

Santo Fe, New Mexico

El Dorado, Iowa

Rolling Hills, California

Albuquerque, New Mexico

Albuquerque, New Mexico

Albuquerque, New Mexico

Farmington, New Mexico
WHO'S

Eric Berg
Geophysics

Robert Landall
Physics

Melvin Scott
Mathematics

Timothy Konkol
Chemistry

David Rice
Metallurgical Engineering

IN

AMERICAN

COLLEGES

AND

UNIVERSITIES

[ 80 ]

Walter Vandervender
Mathematics

[ 81 ]
SENIORS
Tom Rankel, historian. Lee Kirby, president. Don Beare, vice-president. Dave Zuck, student council representative.

JUNIORS

DOPHOMORES
Chester Pina, vice-president. Carl Muscante, president. Earl Keshridge, secretary-treasurer.

FRESHMEN
Joan Munno, secretary-treasurer. Roger Gilbert, president. Byron Wysocki, student council representative.
STUDENT COUNCIL PROPOSES
S. U. B.

STUDENT COUNCIL

Dr. Christiansen, Columbus, Shortridge, Jack, Jackson, Wyrick, Landell, Berg, Welch

PUBLICATIONS BOARD

Dr. McKee, Advisor; Bob Landell, Linda Jones, Kathy Wamack, Gene Stockton, Ian Flintcampus, Dick Shey, Dan Beavert

COLLEGE PROGRAM SERIES

Bob Wiener, Jerry Hall, Sandor Chariton, Dick Shey, Gary Carl
EL ARRASTRE REORGANIZES

Under the able management of Gene Stockton, editor of the El Arrastre, the school was presented the best paper it has seen in many years. Gene received the valuable aid of

Student staff with advisor, Dr. McKee

PORPHYRY SALUTES 75th ANNIVERSARY

Dr. McKee, advisor with staff. Hall, Carney, R. Shay, Klein, Stryjewski, and C. Shay

Richard Shay, editor
Studying final sheet.

Jerry Hall, ass. editor,
beginning art work.

Frank Carney and Bill Klein study their pictorial work.

Dean Shrinys, Production Manager,

and

Veredus Schmidt, Typist

[86]
PROGRESS THROUGH ACTIVITIES
"DEATH TAKES A HOLIDAY"

After a visit from Death, a shriek pierced the night as the suspenseful drama moved to its ultimate climax.

"Ah, my pretty..." Saduces Death

"In love with Death; I forbid it!"

Preparing for curtain.

CAST

Cora
Fedele
Duke Lambert
Alda
Duchess Stephanie
Princess of San Luca
Baron Cesare
Rhoda Fenton
Eric Fenton
Corrado
Grada
Shadow
Prince Sirk
Major Whidread

Peggy Crawford
Joseph Zamara
Louis Schweizer
Sharon Howard
Linda Jones
Pamela Rupert
Douglas Smith
Judy Dorcovic
Gene Stockton
John Corbin
Louise Elsberg
Gary Sower
Richard Barnes
William Klein
TECHETTES HIT OF HOOTENANNY

Guitar strummers, Bob Evether and TECHETTES Tweet Nunn, Lourin Eiberg, Susan Bierzwit, Marie Haber, Betty Mills, and Linda Tindal.

With the rage at Hootenannies on American college campuses TECH was not to be outdone. Talent blossomed and TECH students had a highly enjoyable evening. We all are hoping that this will become an annual affair.

TECH STAR TIME

Talent was drawn from all walks of life.

TECH's answer to the Trapp family.

Due to the late date at which the 1964 TECH STAR TIME was to appear it was impossible to hold the production of the PORN-VV in V. It was for this reason that we reproduced pictures taken at the first rehearsal of our famous or rather infamous revival of Vaudville.
COLLEGE PROGRAM SERIES

COL. JOHN D. CRAIG

Adventurer, T.V. producer, and lecturer, Col. John D. Craig opened the 1963-64 College Program Series during the summer session at Tech. His program on treasure hunting in the West Indies was supplemented with slides and a sound track.

PHILIP HANSEN

Not only was Mr. Hansen an accomplished actor but also an accomplished harpsichordist. Here he accompanies himself in a sea chanty.

PHILIP HANSEN

The epic of "Woby Dick" came to life on the R&D auditorium stage as Philip Hansen portrayed each of Herman Melville's memorable characters.

RED CAMP

Jazz finally migrated to the Tech campus. Red Camp presented a full program from Dixieland to Bossa Nova.
CLUBS AND ORGANIZATIONS

Each person has his own likes and dislikes. In a college atmosphere one finds many with whom he has common interests. These interests lead to the formation of groups. Though the interest may not be academic, it is the policy of the student government to assist these groups in the formation of campus organizations. Since interests do change so do the number of organizations. This is one of the meritastic policies at NHBM which leads to many varied events in which interested student members may participate. In this manner a continual process is formed in which student funds are invested only in clubs that have an active participation.

These various organizations sponsor several events to help finance their activities, such as dances, barbecues and certain socials.

CHEMISTRY CLUB

The Chemistry Club had many interesting meetings at which lectures covering the field were given. The club also had plans for an educational trip to the American Smelting and Refining Company in El Paso, Texas.

PHYSICS CLUB

A. I. M. E.

A nationally chartered professional organization for mining, metallurgical, and petroleum engineering majors, the AIME has participated in district meetings and sponsored field trips to mineral industries in the Southwest.
Cooney Mining Club has made an effort this year to stimulate interest in the mining and metallurgical professions by setting up displays and showing films on these fields. They sponsored the annual Christmas dance and Engineer's Banquet.

COONEY MINING CLUB

GEOLoGY CLUB

The Geology Club made several field trips this year and listened to several guest speakers. They also plan to have an extended field trip when the club grows, and can make the arrangements.

Field trips and gem polishing were the accomplishments of the Gem and Lapidary Club. They also maintained a display in Ward Hall exhibiting various specimens prepared by club members.

GEM AND LAPIDARY CLUB

INTERNATIONAL CLUB

The International club is primarily a social organization for the foreign students on the Tech campus. Their aim is to provide a stimulus for students that might feel out of place in a new land.
The Astronomy Club had several distinguished speakers this past year and made many evening stands at the college's Newtonian telescope, observing such phenomena as a lunar eclipse and just plain star gazing.

ASTRONOMY CLUB

DAMES CLUB

The Dames club is a social organization for the wives of married students of Tech. They co-sponsor the Christmas dance and have several social functions each year.

The Tech Drama Club had its moments in the limelight on the evenings of December 13th and 14th when they presented DEATH TAKES A HOLIDAY and again in the Spring when they presented Tech Star Time.

DRAMATICS CLUB

BRIDGE CLUB

A new club on the HNUET campus, the Duplicate Bridge Club has a National affiliation with the American Contract Bridge League, and rubber points are awarded several times a year to top players.
A pictorial account of the several dances held at Tech annually, taken by our bleary eyed photographers, Conroy and Klein. Dances at Tech include the Western, Christmas, Dance and Fergie, St. Pat's, Prom and the occasional Saturday night dances.

DANCES
ST. PAT'S

Friday, P. M.

Rock 'em, Sox 'em
BIG EXCAVATION

Saturday, A. M.

The Fresh Troops

DEVASTATION

headed like cattle into waiting trucks, soon to be dispersed to

DECORATION

start the long journey to the summit.
The journey was rough.

The journey was rough... then anticipated, and some just...

white-washing exercises to tone those flabby, unused muscles of the front.

At the summit refreshments were served, followed by...

couldn't stand the strain of a good engineer's nest.
Saturday, Afternoon

Dr. O'Kline sets the pace.

SAINT PATRICK
Patron saint and guardian of all good ENGINEERS.

in the mucking contest.

while fresh tire in drilling contest.

to save the tug-of-war.

FINALE DANCE

St. Pat #4, Bob Wisner and original St. Pat of Tech, Spud Murphy.

Jean Huggs finishes juggling exercises for Fred Kestner.

Drs. Mitchell and Pursell receive final acceptance into Royal Order of hard Pat along with sensors.
PROGRESS THROUGH SPORTSMANSHIP
First battle of the athletic year

was followed by rough line of scrimmage.

would lead to slaughter, but a run.

We mean BOUCH!

A pass

would do the same.

Some even had to be led down-field.

While some praised the fellows—

some practiced ballet.

All sports at NMIMT are intramural due to the academic load of each student. This limitation, however, does not restrict the spirit nor the participation and in fact, often times, enhances the aggressiveness of the players. Football is one such sport the player may use to his advantage and exert his energy upon his professors since the staff and faculty also enter a team. At TECH we all have a day of retribution though the faculty extends this to nine months. This year victory along with the spoils of bruises and fractures, plus Kirby's teeth, was held by the illustrious SOPHOMORES.
Basketball is one of the more popular activities. Through this sport the skill and agility of a man is thoroughly tested. As seen in this pictorial account the ability of the students to master this is rather doubtful.

With the coming of the new year we saw to our horror that the lowly GRADS were in first place.

Basketball
GONE ARE THE DAYS
It's the future that counts

The average student realizes that education is not an end in itself. It is the groundwork for the future — preparation that will help him achieve a rich and productive life in the years to come.

Kennecott's Chino Mines Division has somewhat the same attitude. Successful day-to-day operations in the production of copper are not in themselves a goal. Rather, they are a stepping stone to a goal — the continued production of copper for many years to come.

Each improvement in operations and equipment developed at Kennecott has the immediate effect of maintaining copper production as a sound, productive business in New Mexico. At the same time, by achieving greater efficiency, improvements are the best assurance that Kennecott's future will continue to be as bright as the metal it produces.

For Kennecott, as for the young men and women of New Mexico who are completing another step in their education, it's the future that counts.
Congratulations to The Class of 1964

YOUR SOCORRO ELECTRIC CO-OP
Locally Owned, Locally Operated, Tax-paying electric utility.

SOCORRO
BROWNBILT
SHOE STORE
Socorro, N. Mex.

Diamonds
Watches
Silver
"Gifts of Distinction"

TRIPP JEWELERS
LaVilla Shopping Center 835-1099

EL CAMINO
MOTEL
and
RESTAURANT

RADIO
KSRC
TUNE 1290
In the land of the tattooed valley
Walter Shrode, Mgr.

B & M
FEED STORE
Seeds – Feeds
Paint – Fertilizer
Appliances
530 W. Spring St. Socorro, N.M.

SOCORRO
OFFICE MACHINES
Underwood Agency
Office Supplies
Next to Loma Theater

FIRST STATE BANK AND
CATRON COUNTY BANK
Services and Facilities Offered to The Students and Faculty of The College
NEW MEXICO INSTITUTE OF MINING AND TECHNOLOGY

Serving the —
Community,
State,
Nation,
Free World.

Socorro, New Mexico
THE HILTON PHARMACY

- Films
- Cosmetics
- Magazines
- Gifts
- Pipes

Developing Service
Perfumes
Books
Greeting Cards
Tabaccos

Complete Prescription Services
Ph 835-2400

FASHION CLEANERS

The finest in personalized service

Socorro       New Mexico

HOLMART
FINE FURNITURE

110 S. California
Ray H. Brown

MINING EQUIPMENT
STRUCTURAL STEEL
CONSTRUCTION EQUIPMENT
HEAVY MACHINERY
TRAILERS

for New Mexico's thriving building industry since 1942

Miller & Smith
Mfg. Co., Inc.
500 PHOENIX AVENUE N.W.
STATION B, P.O. BOX 6187
ALBUQUERQUE, NEW MEXICO

Best wishes to the Class of '64 and to the college on its 75th Anniversary


CONGRATULATION TO THE '64 SR.'S

THE CAPITOL

Where all Good Engineers Go —
Roy and Earl welcome you to the
"Happy Hour"

On The Plaza       Socorro, New Mexico