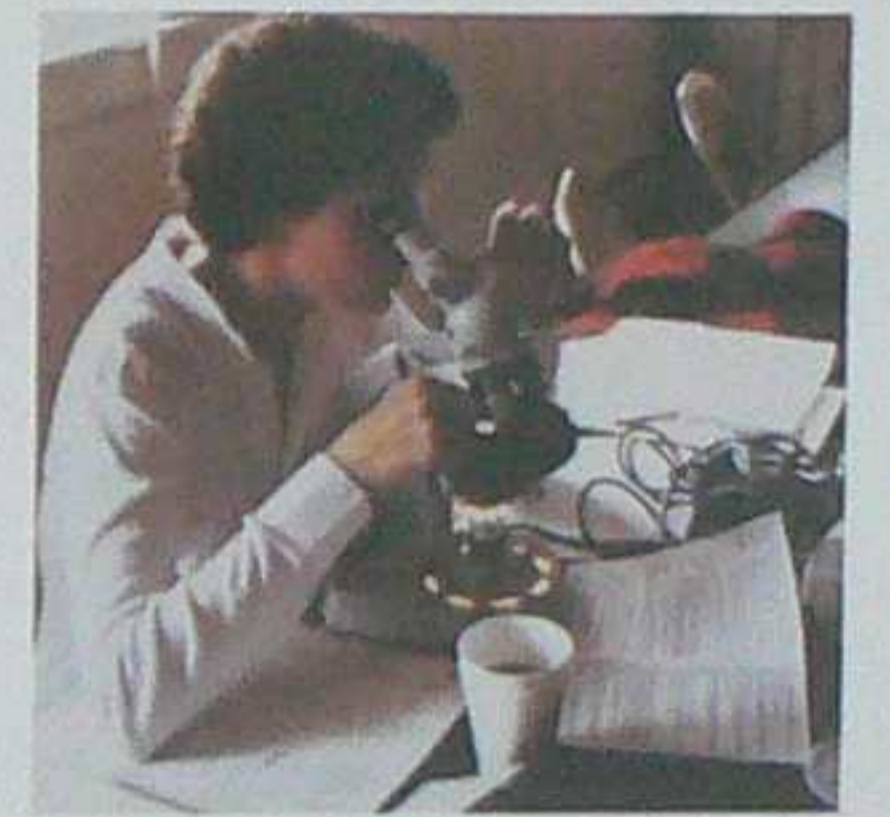
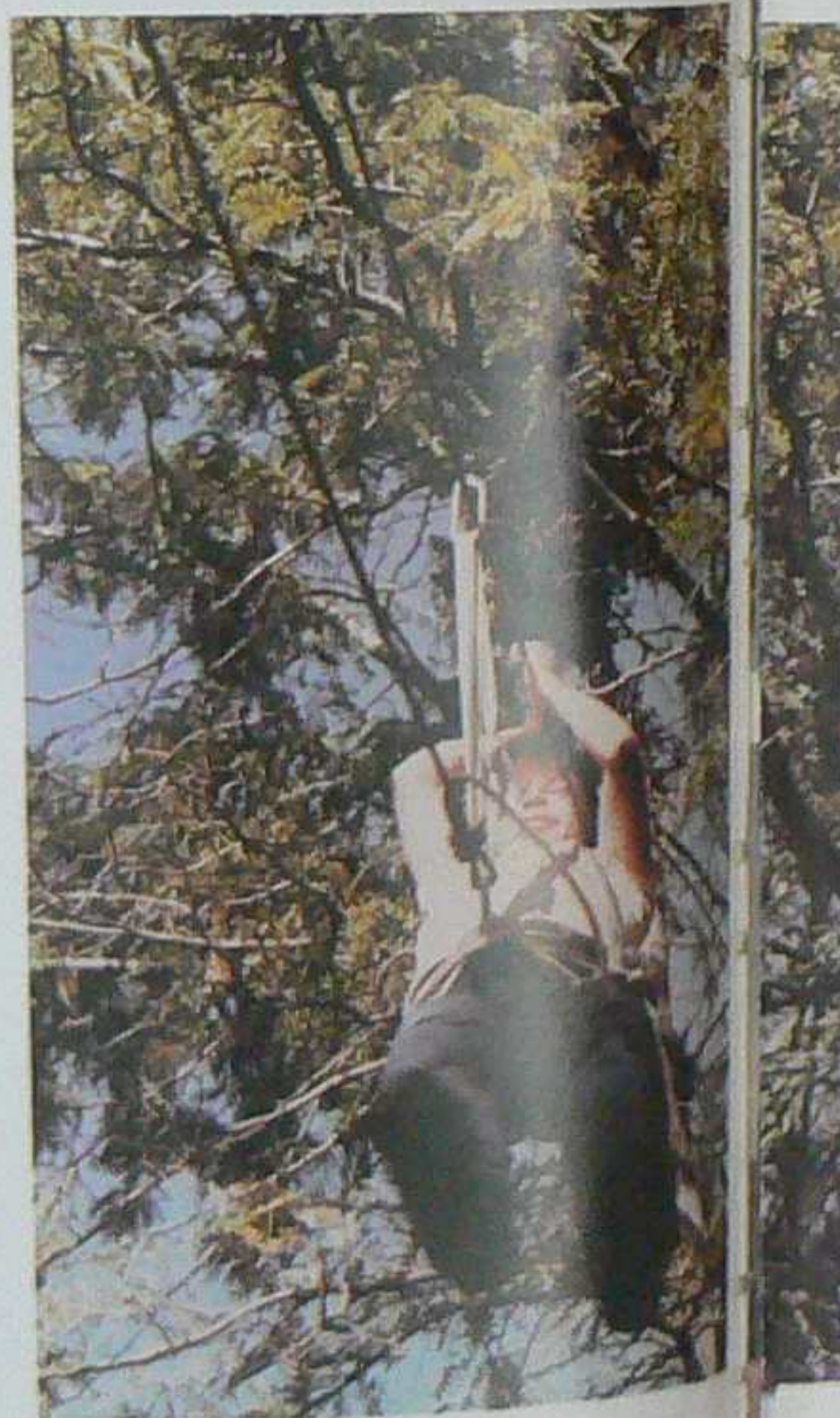
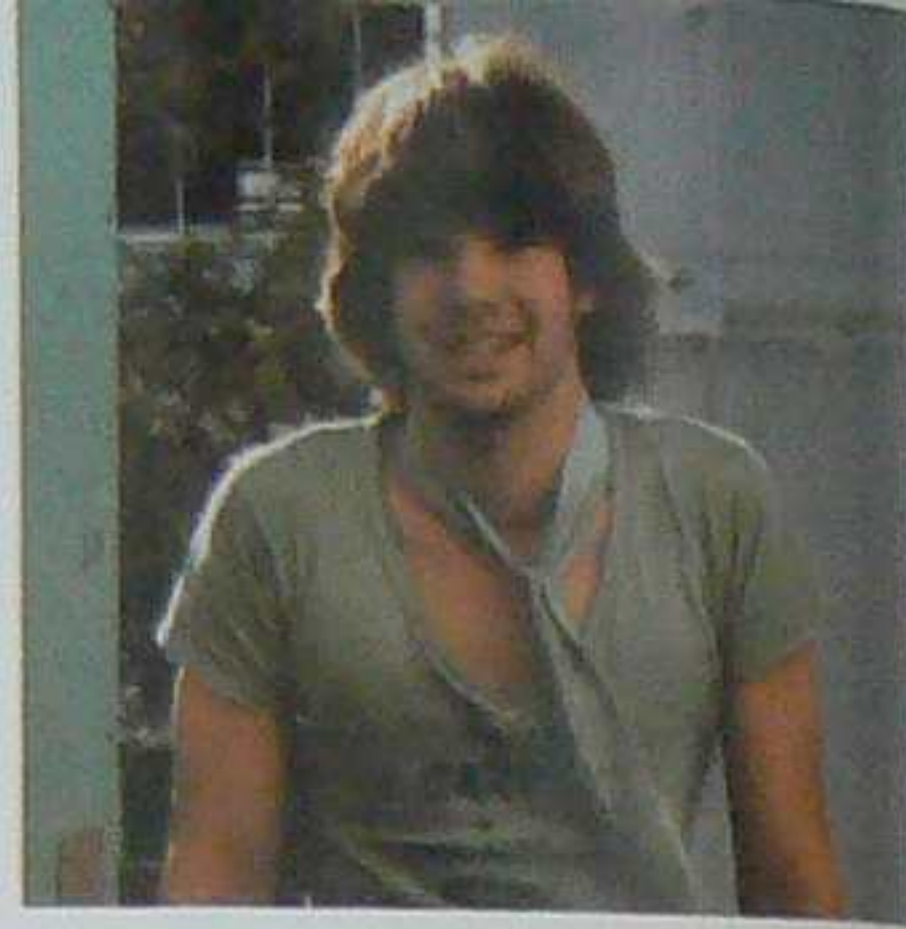
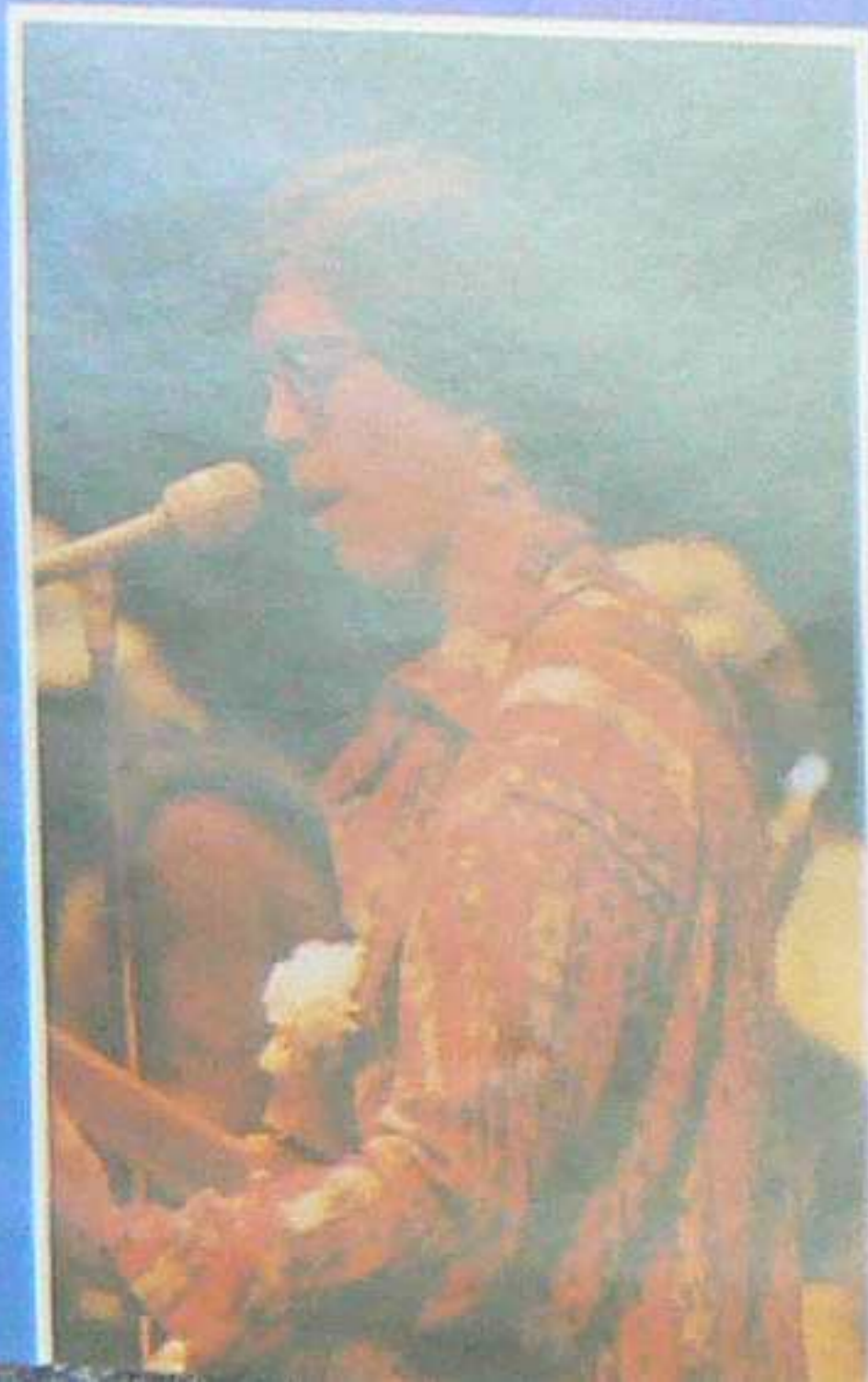
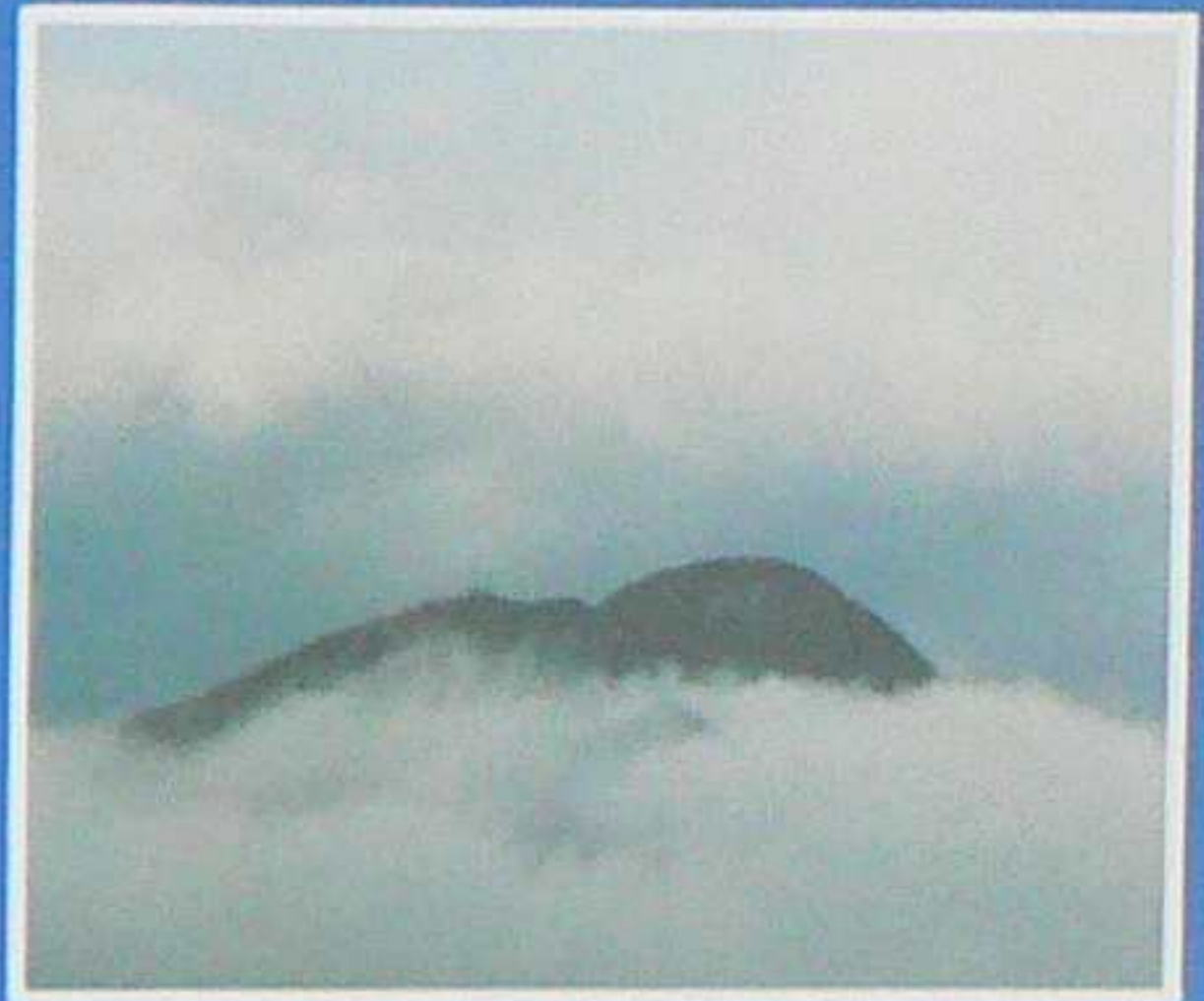
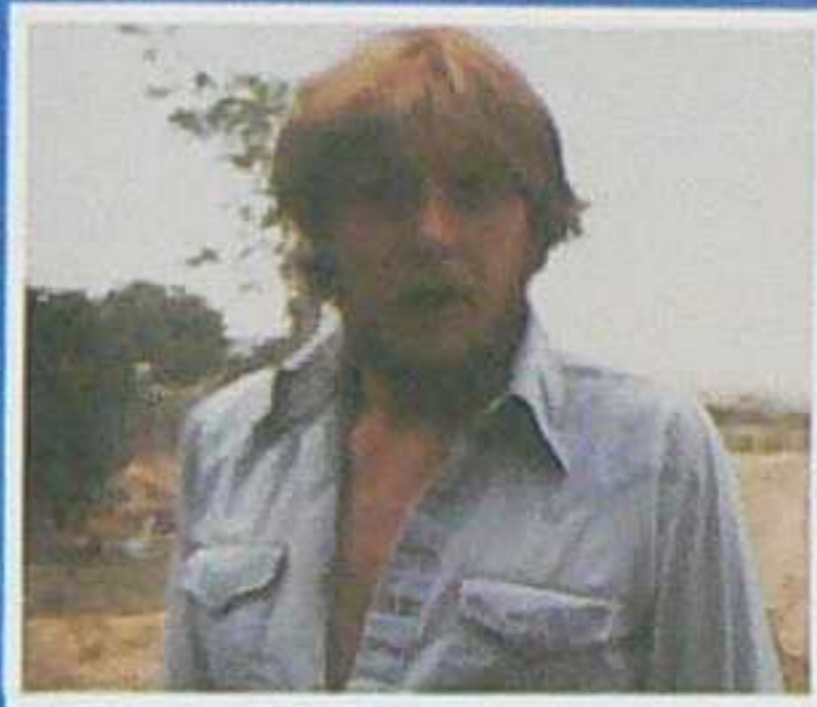
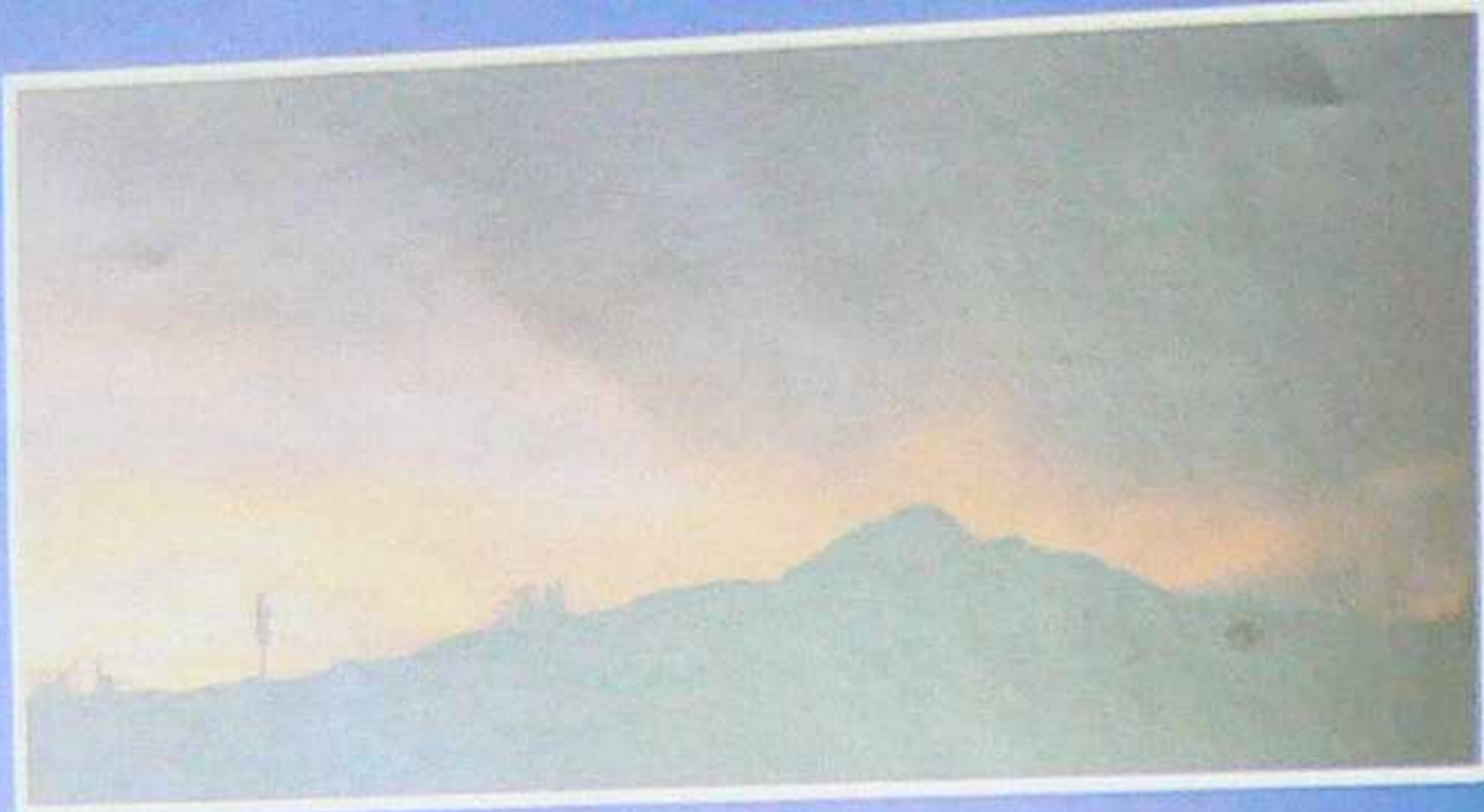


PORPHYRY 1981

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Mining and Technology**

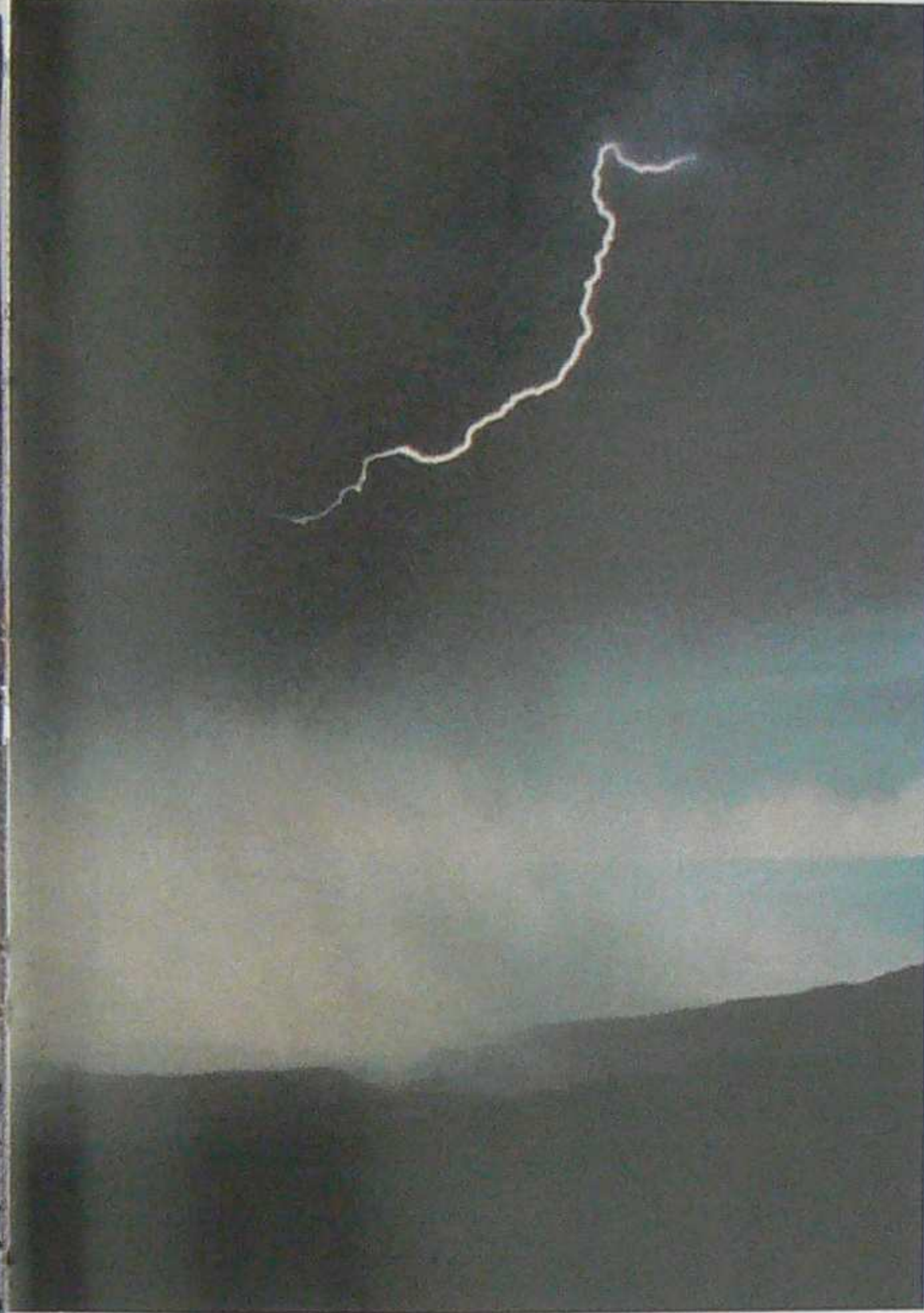


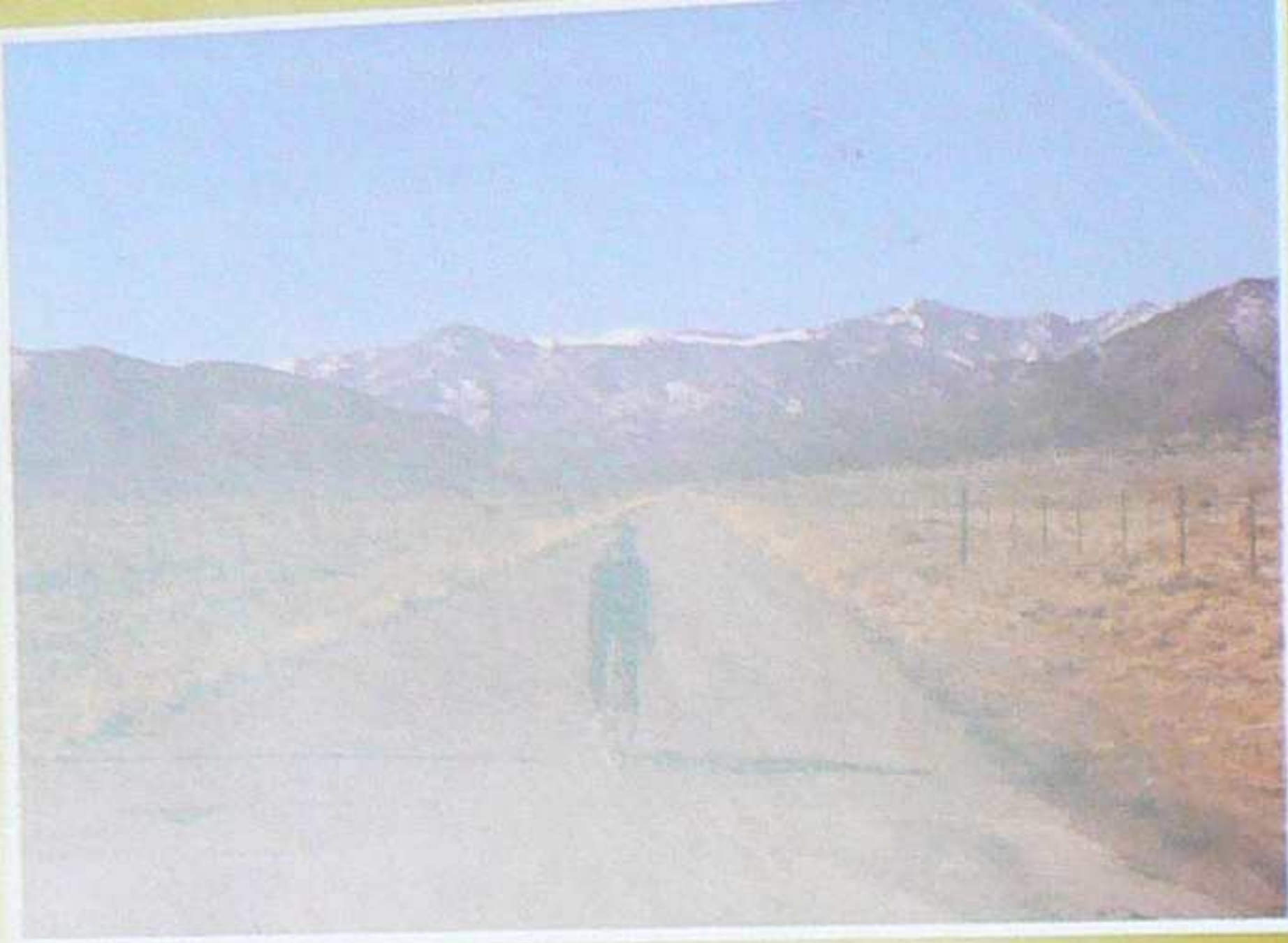
The beginning is the most important part of the work.
Plato

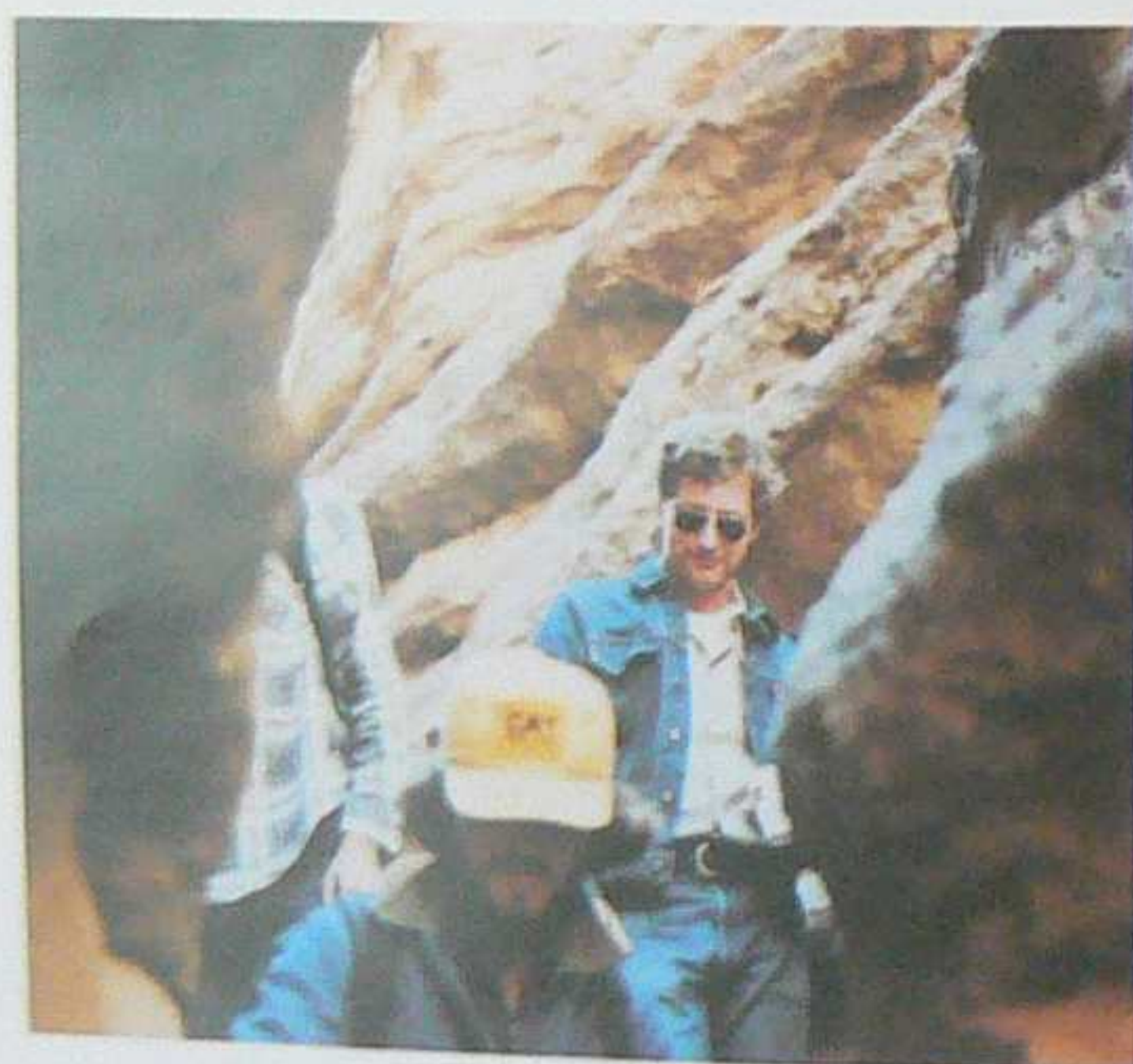
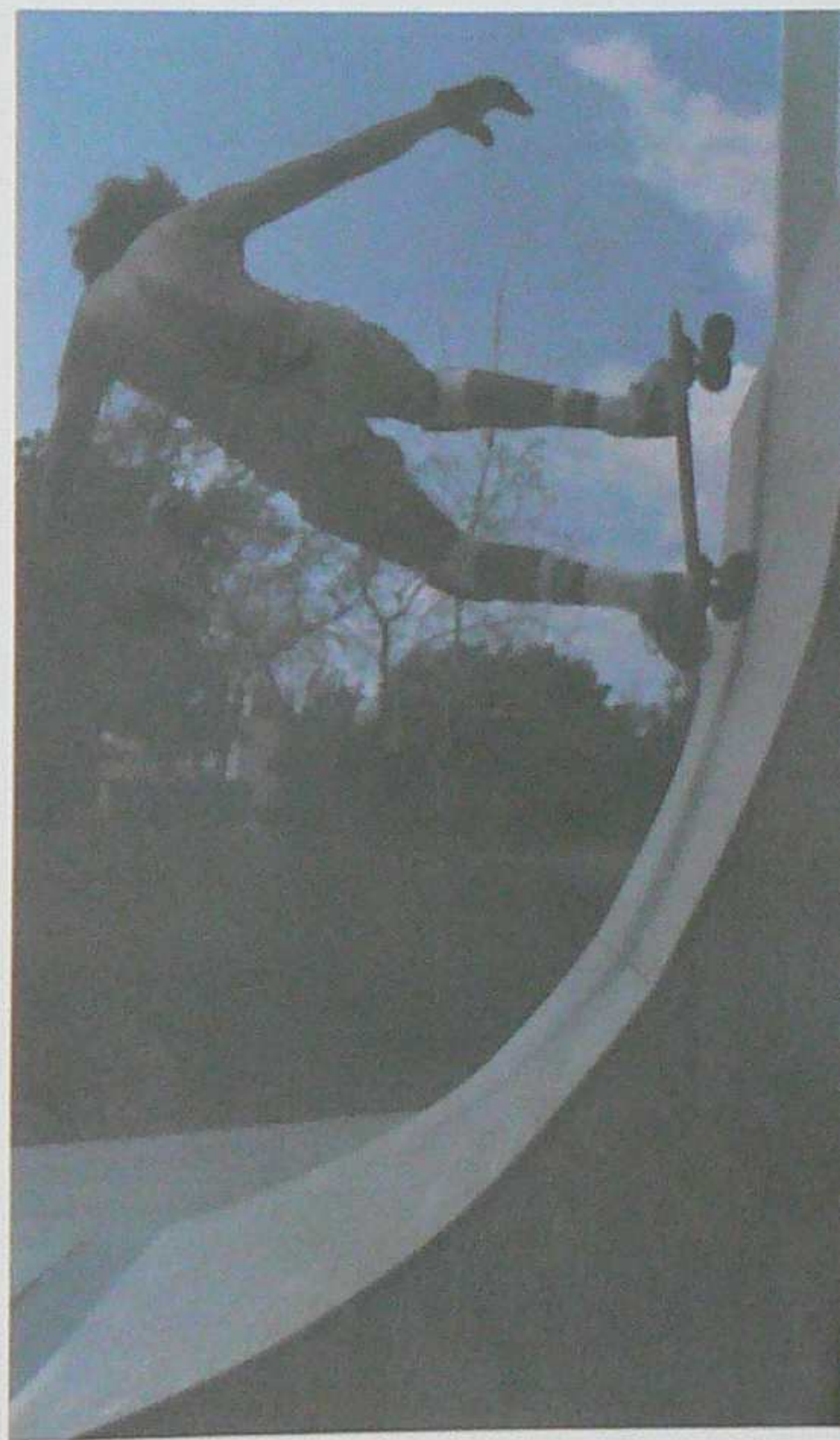
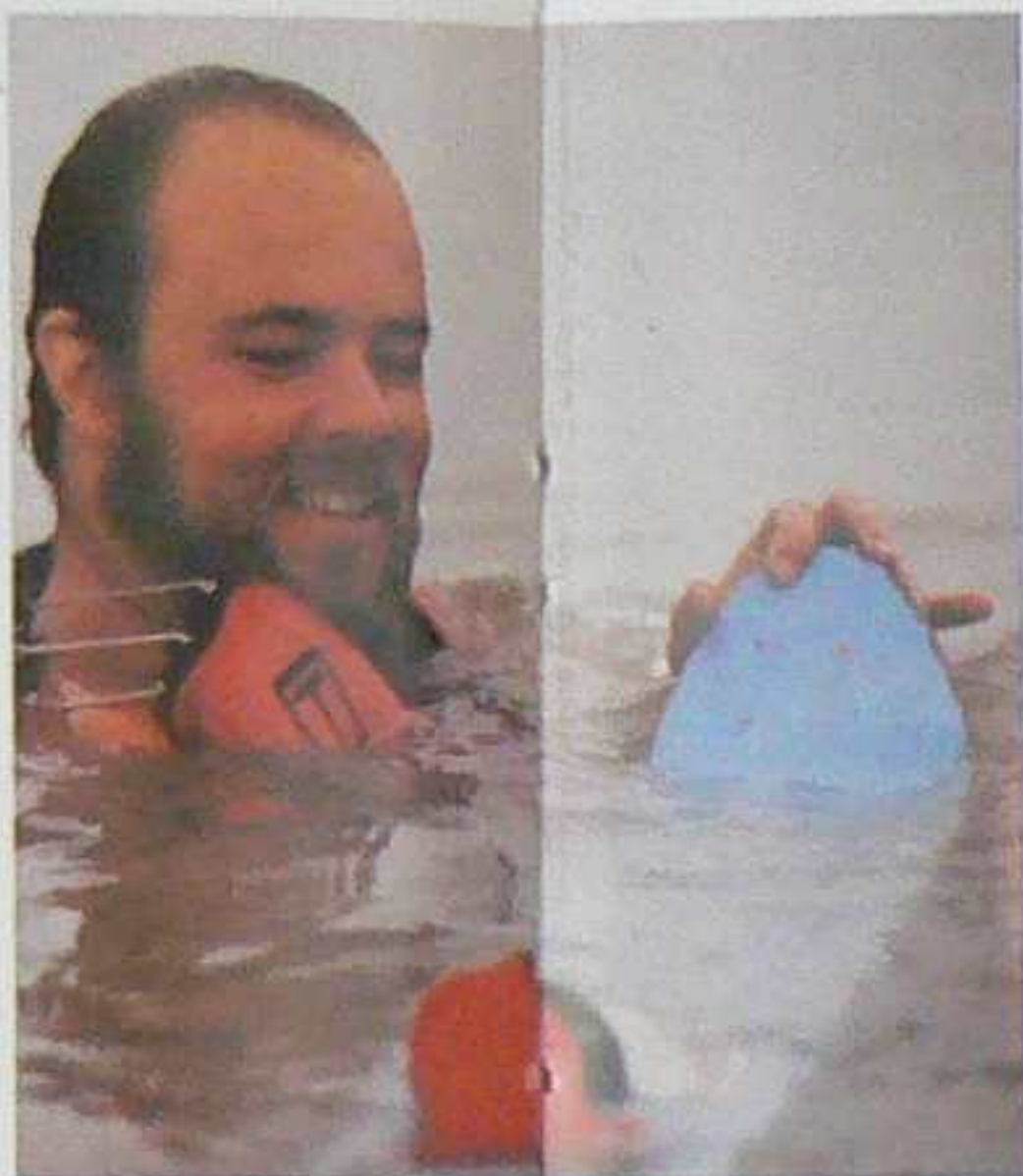


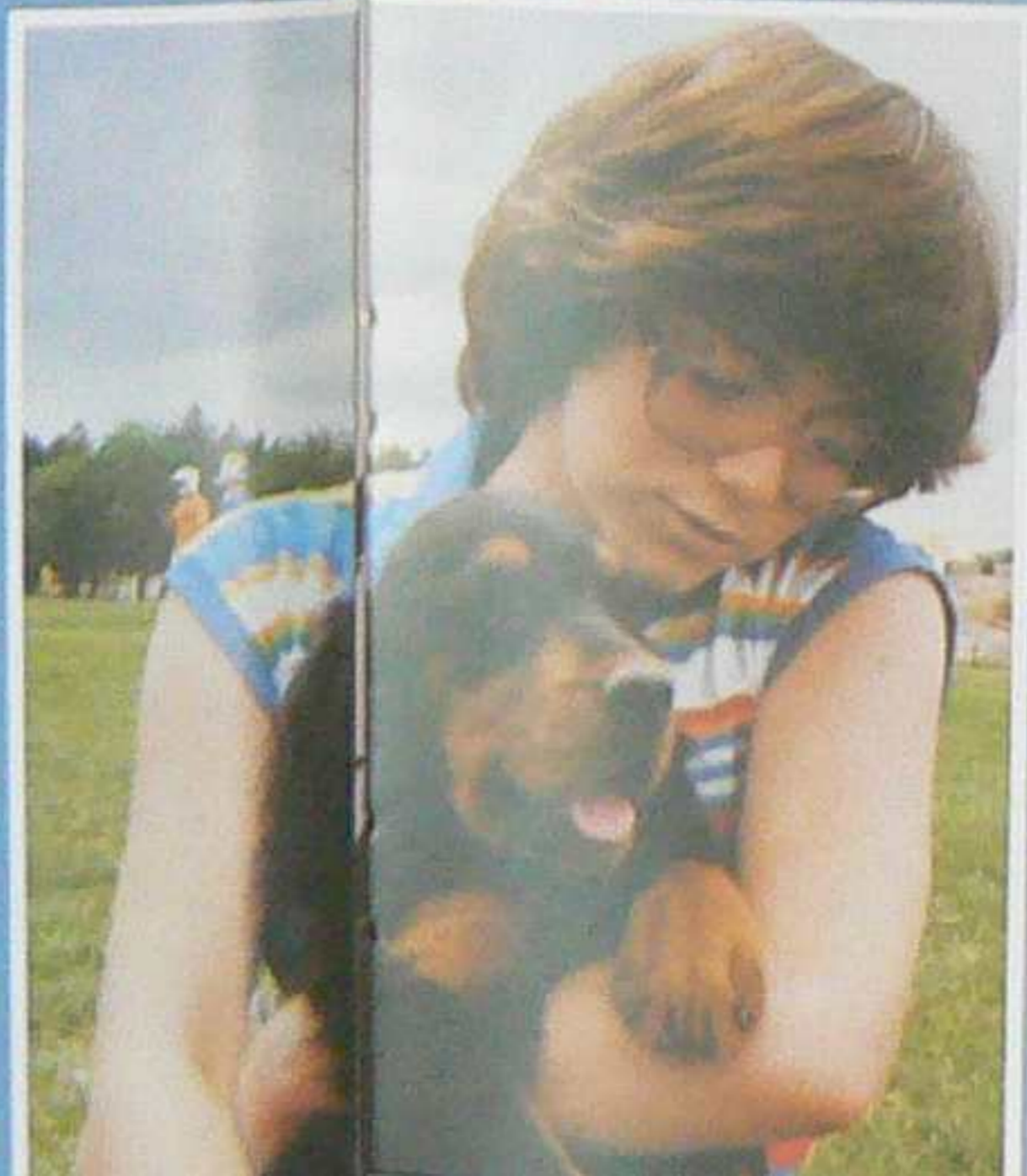
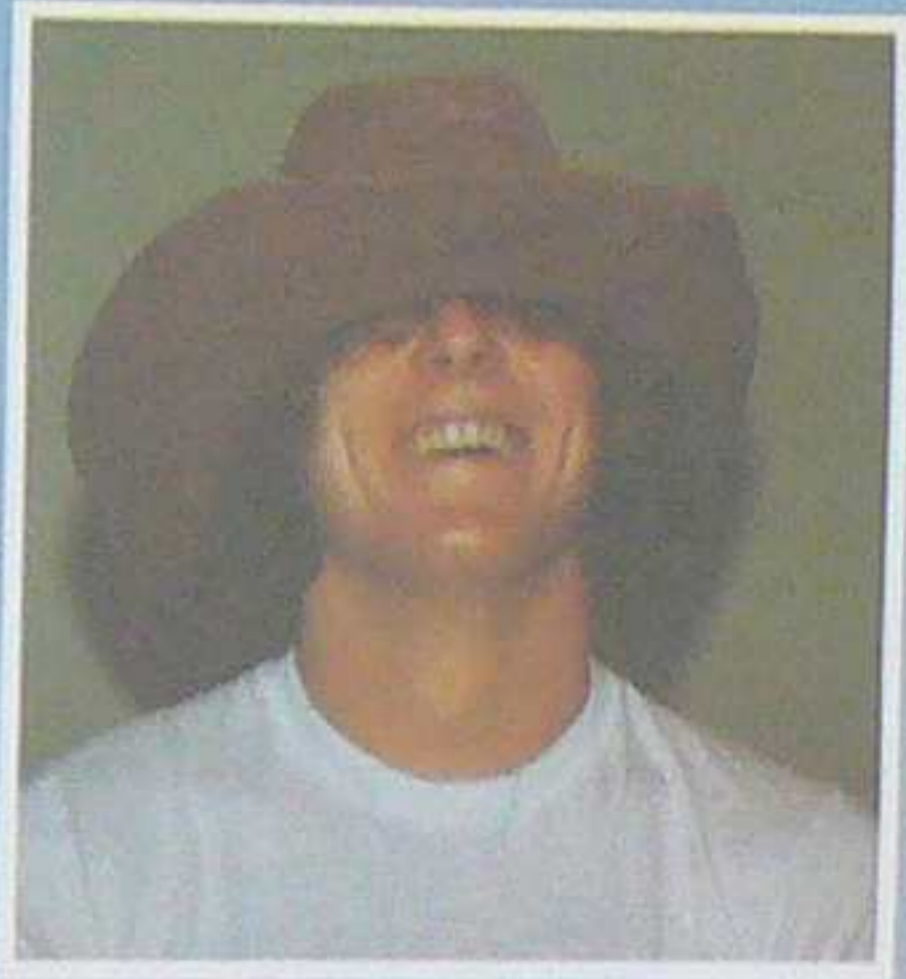
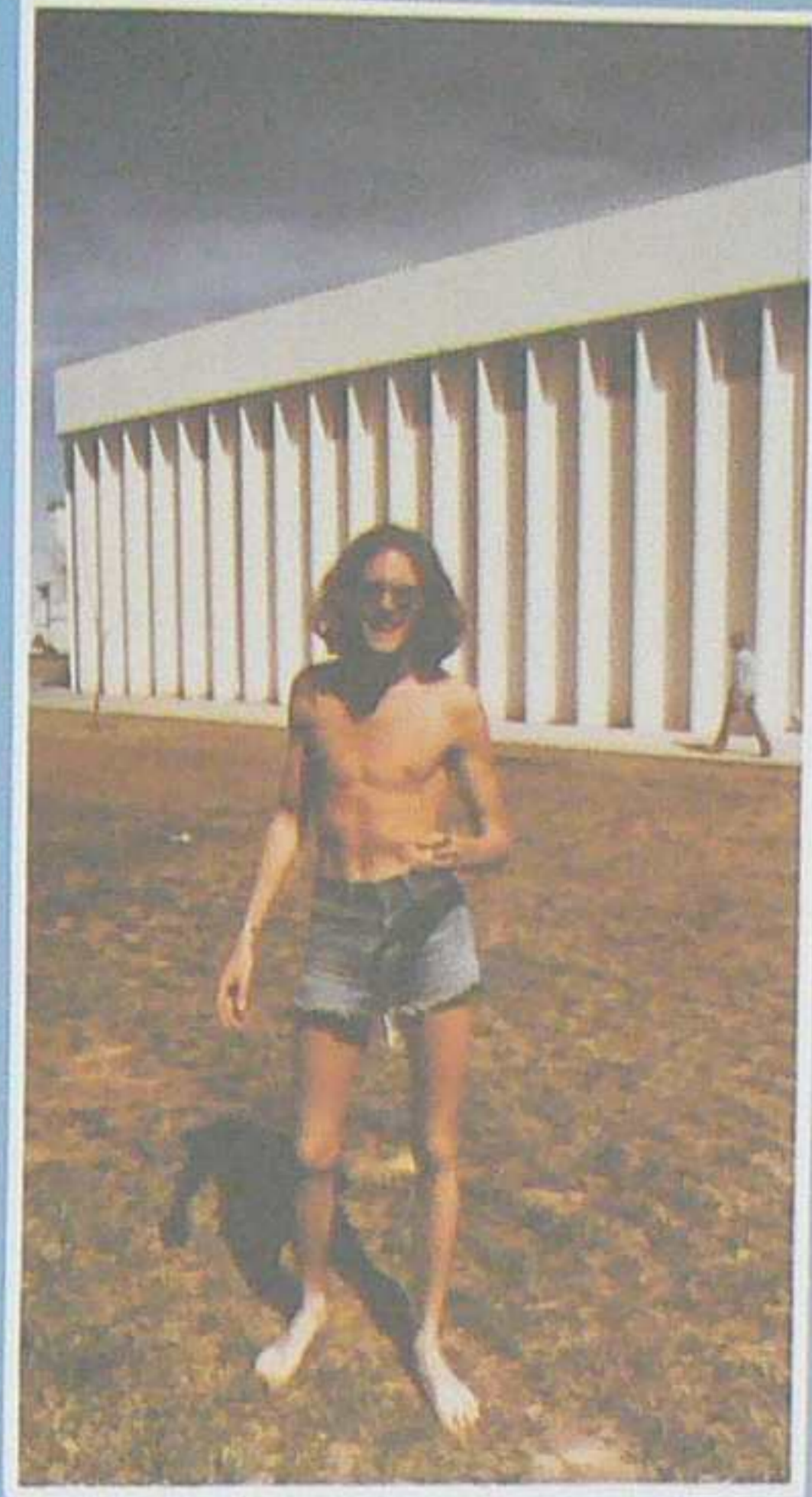
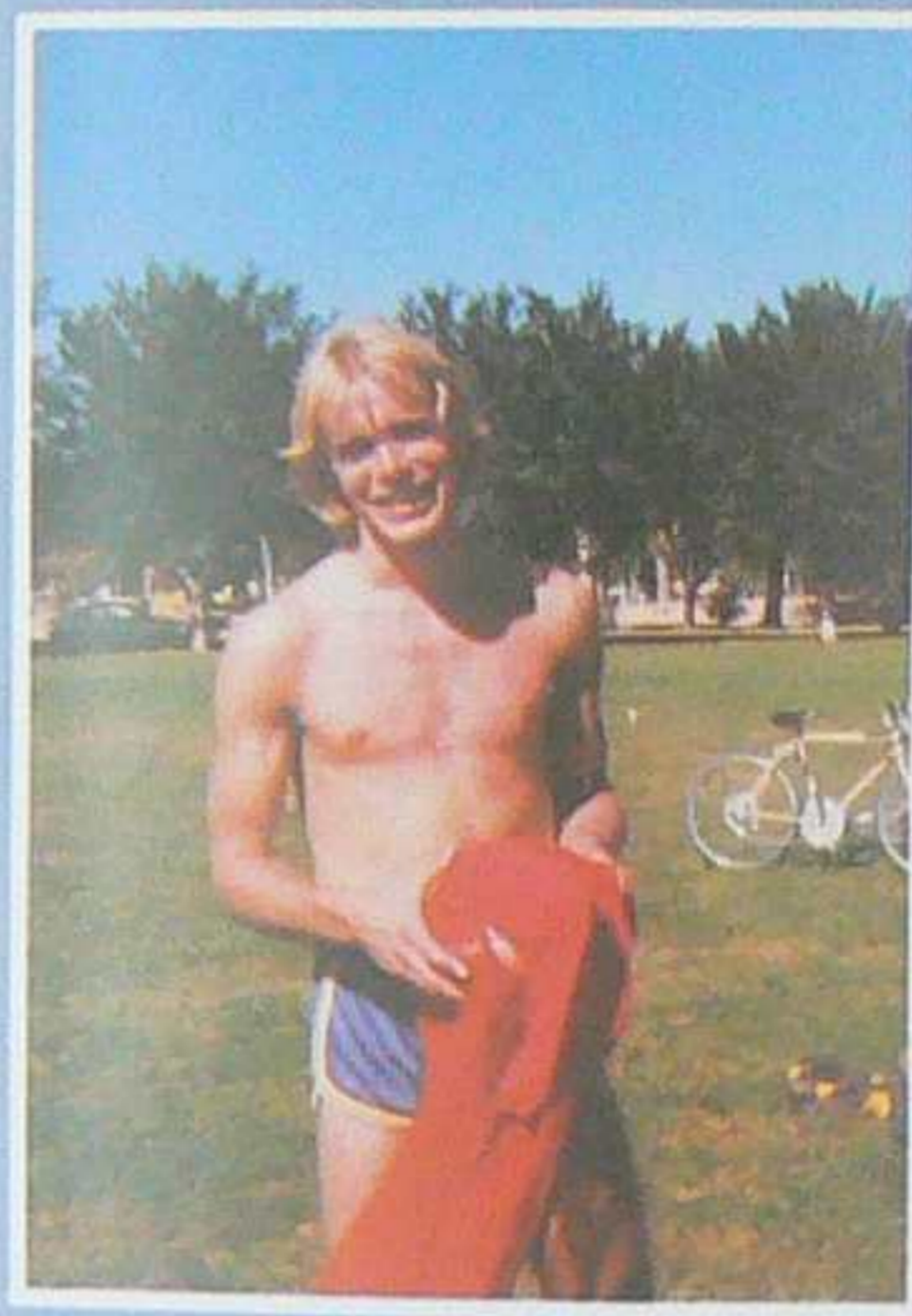
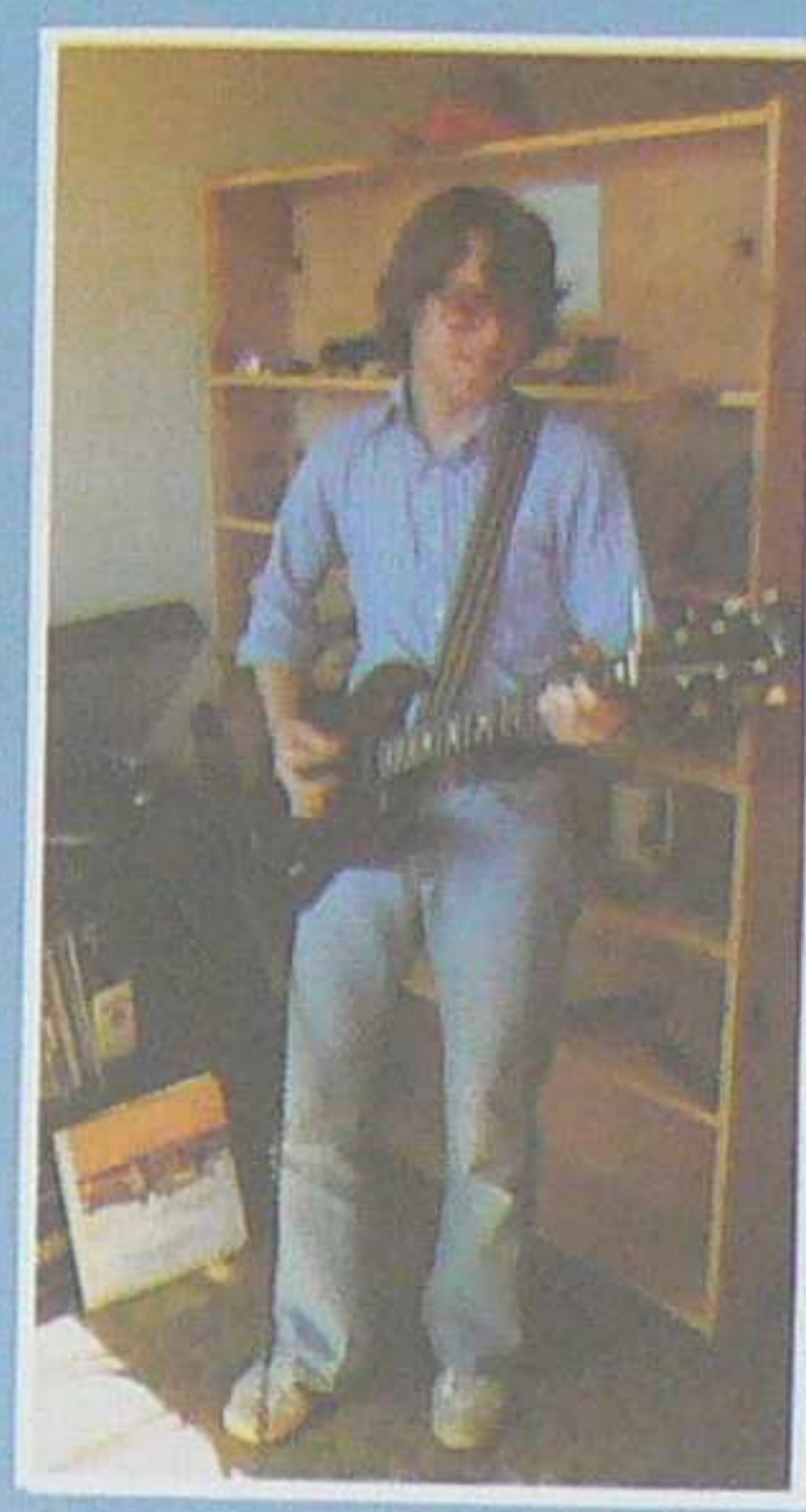


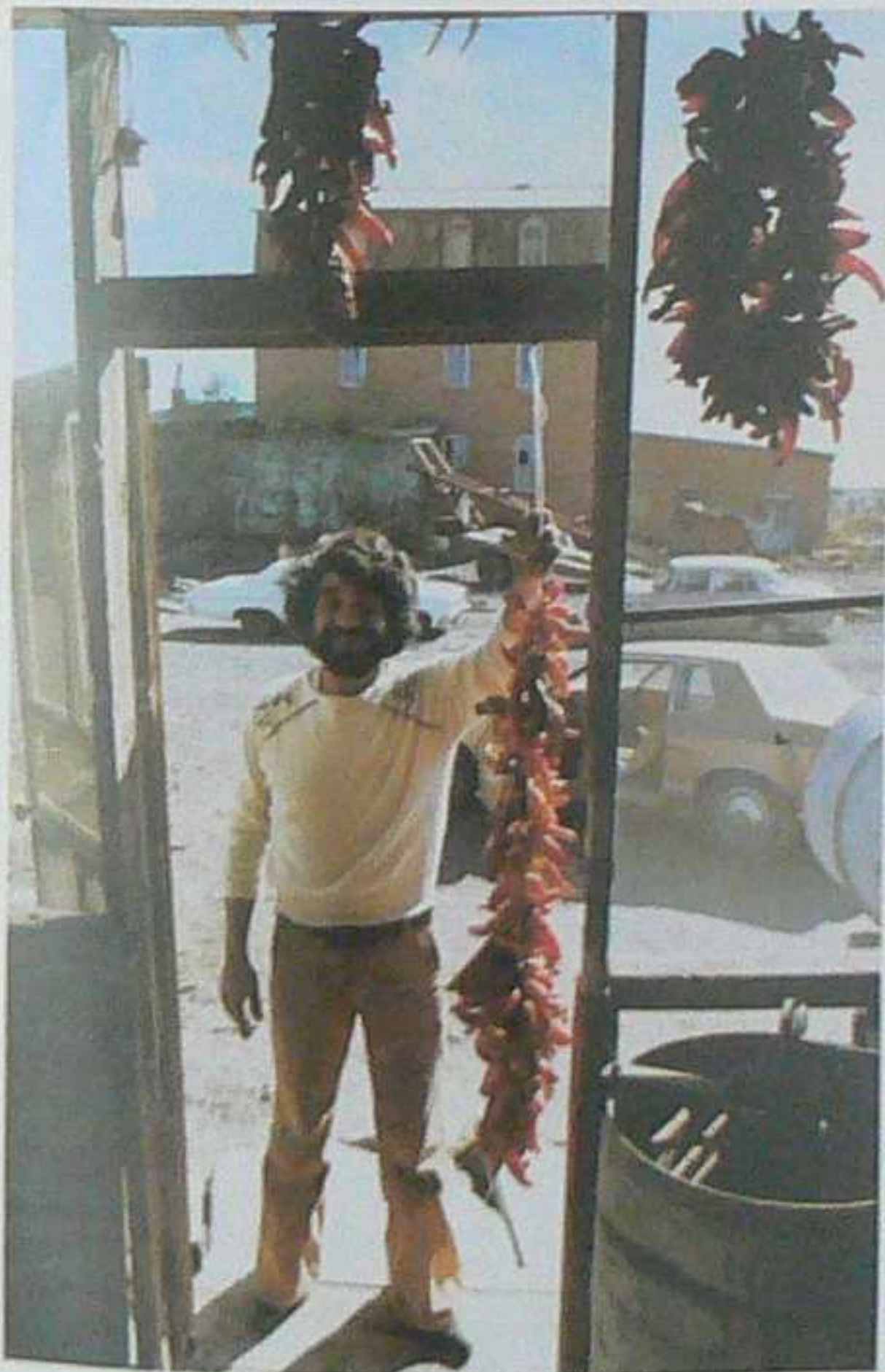
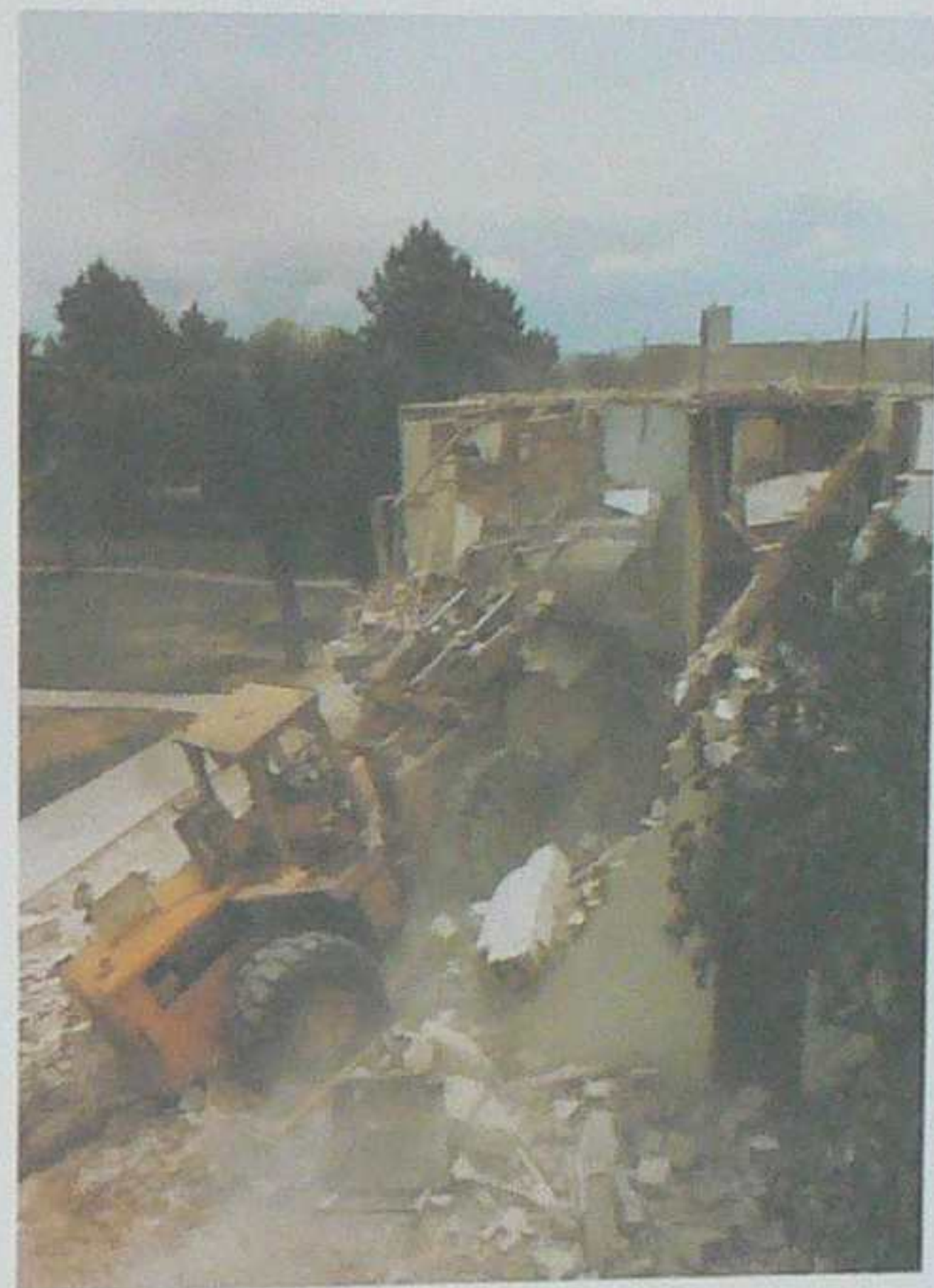
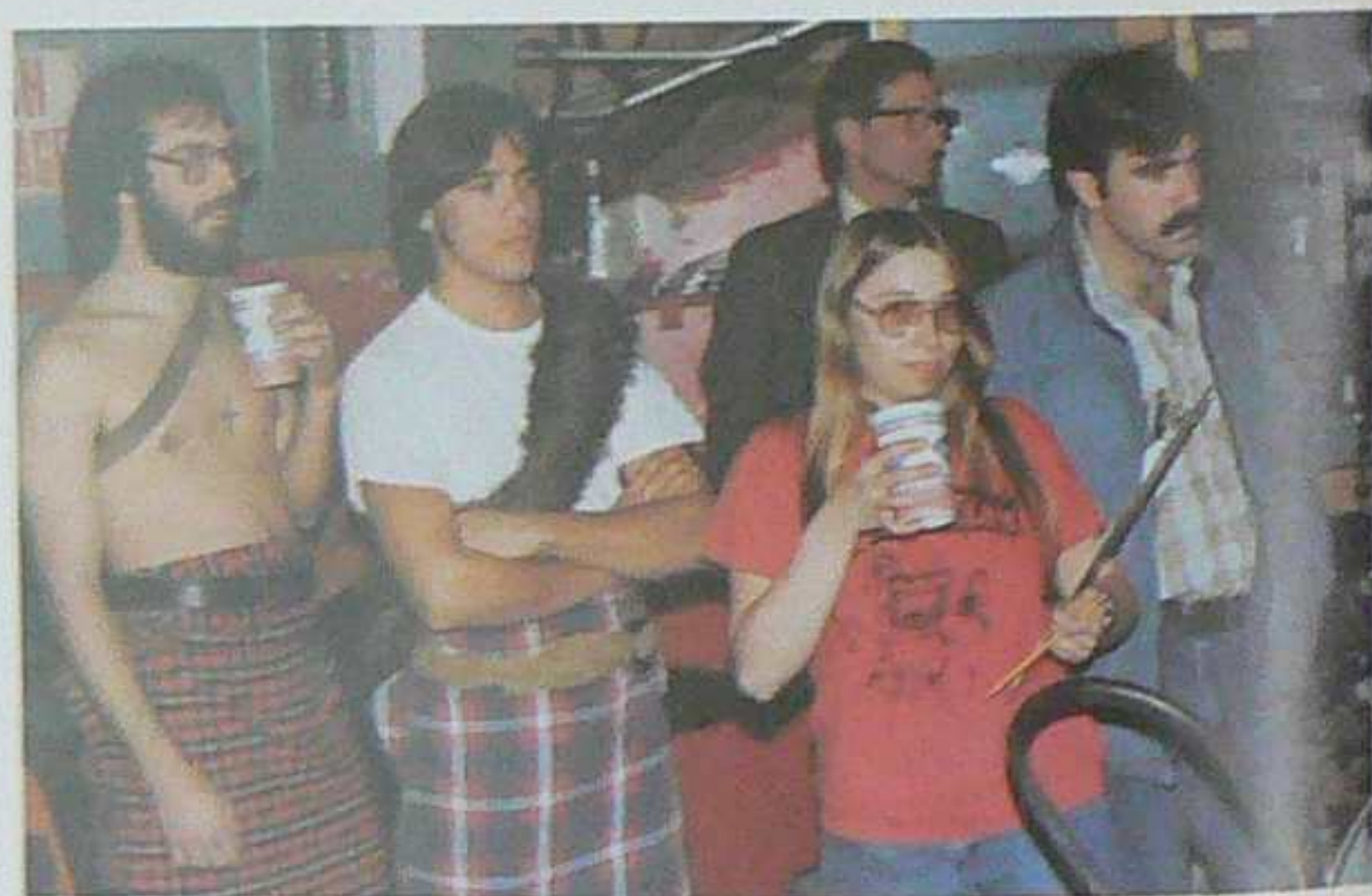
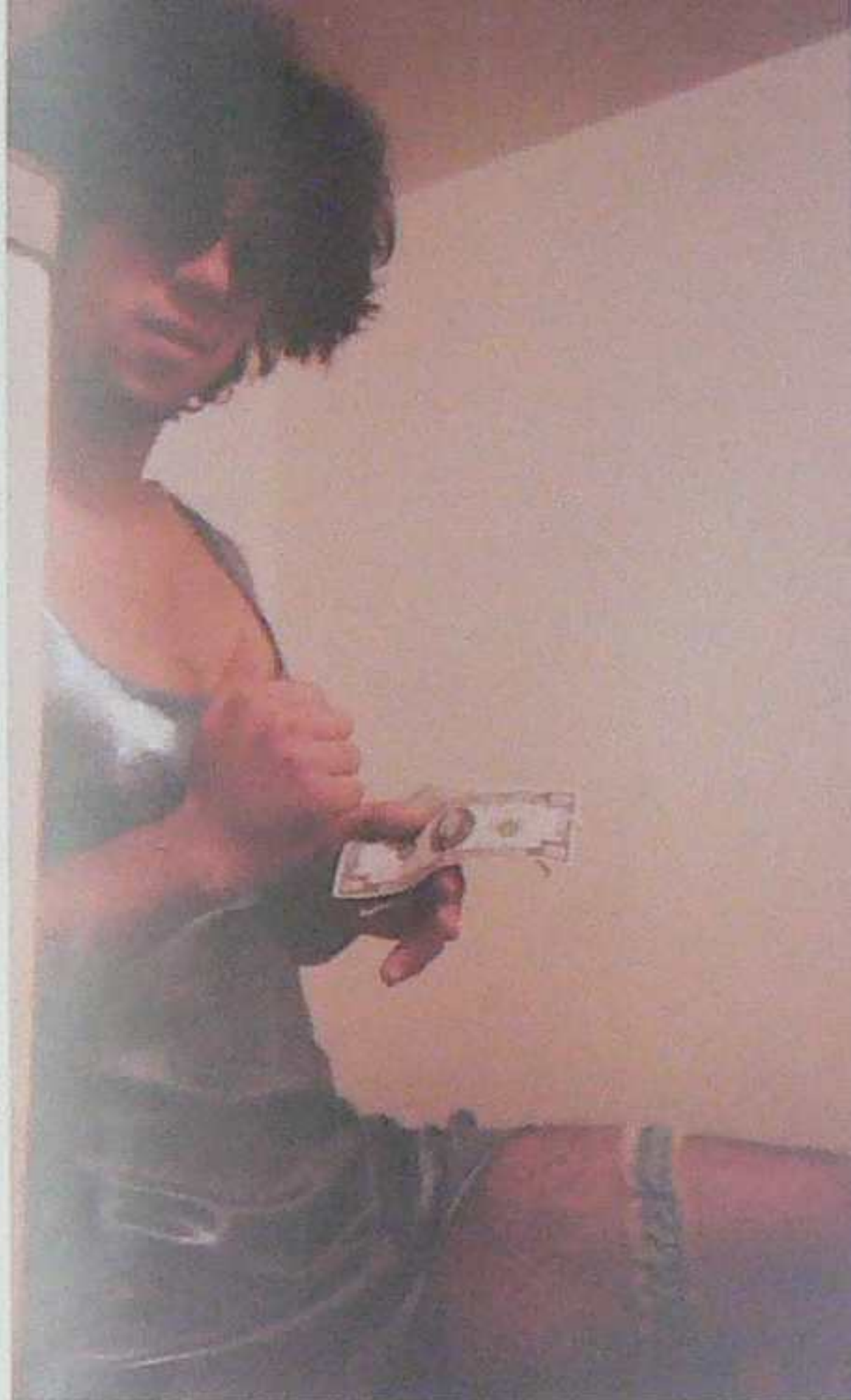
Thunder is good,
Thunder is impressive;
but it is lightning
that does the work.
Mark Twain

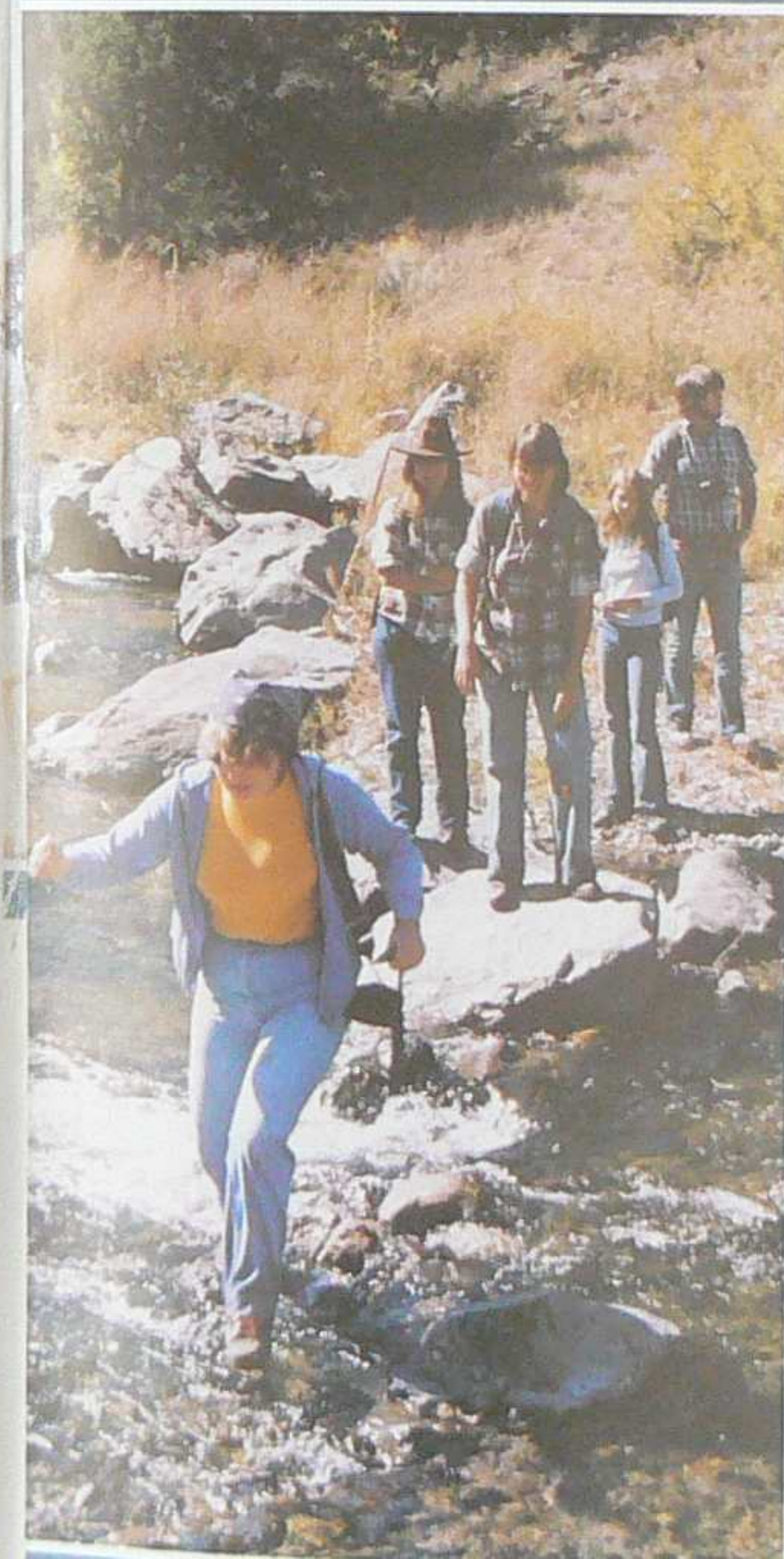
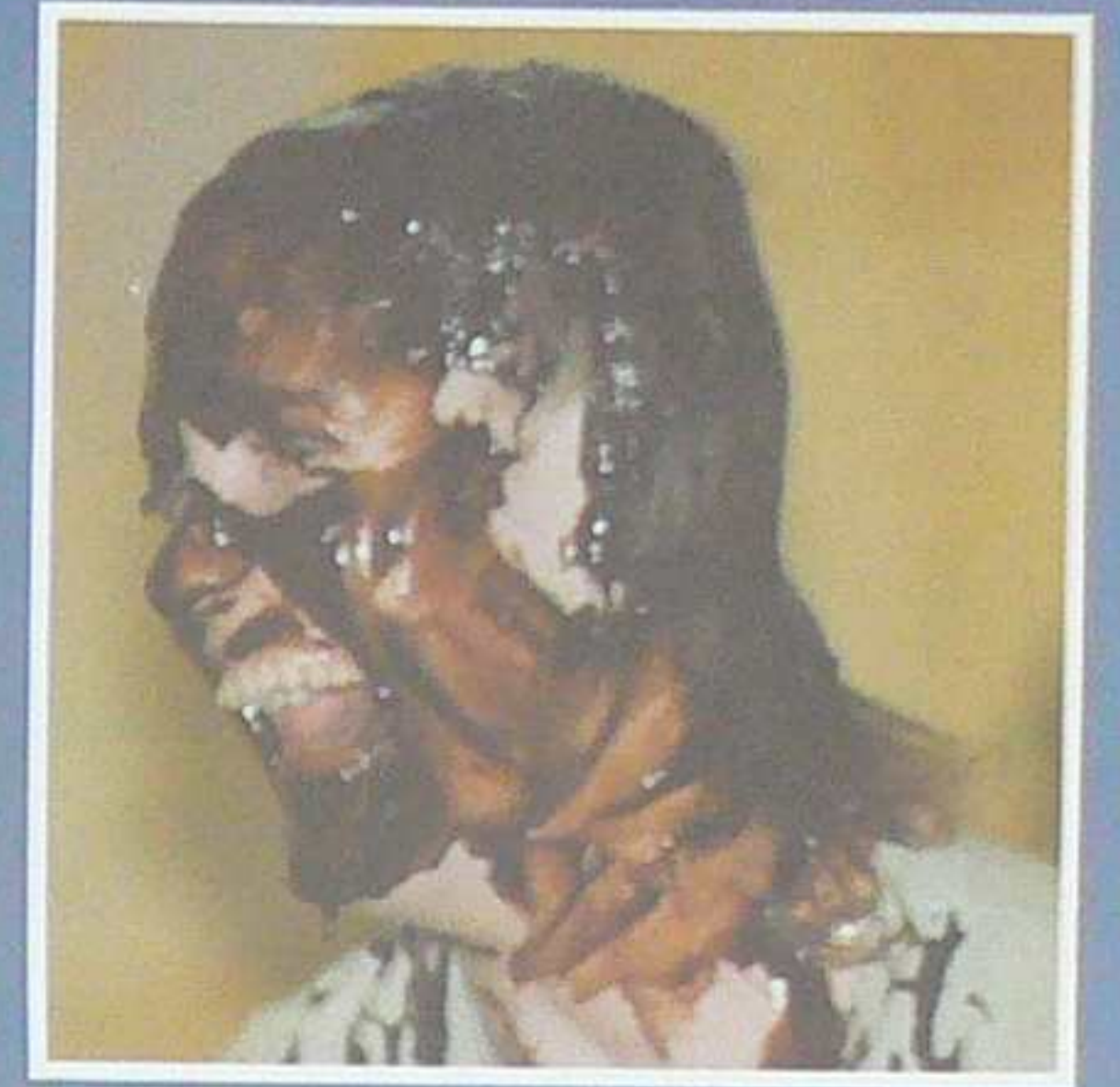
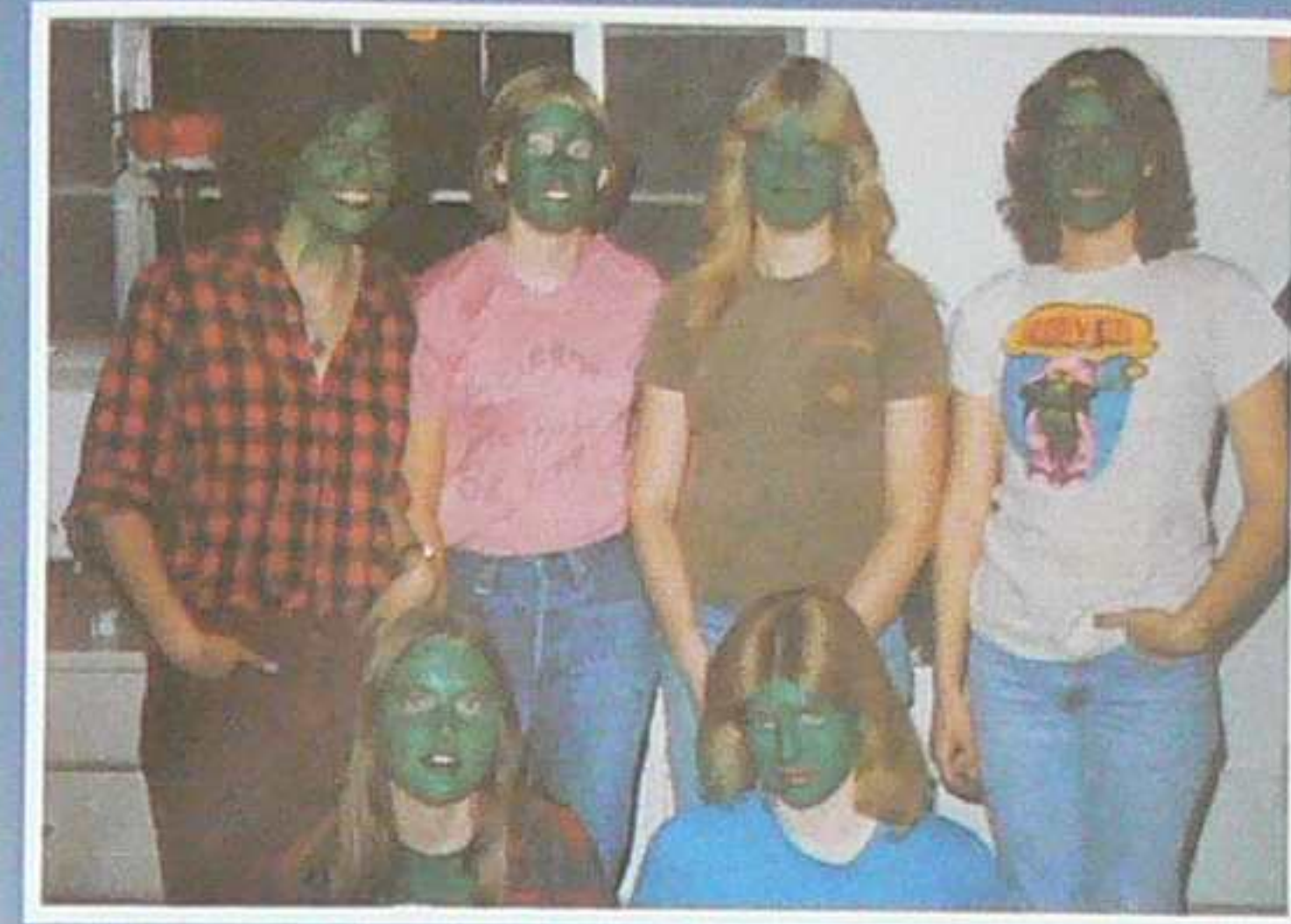


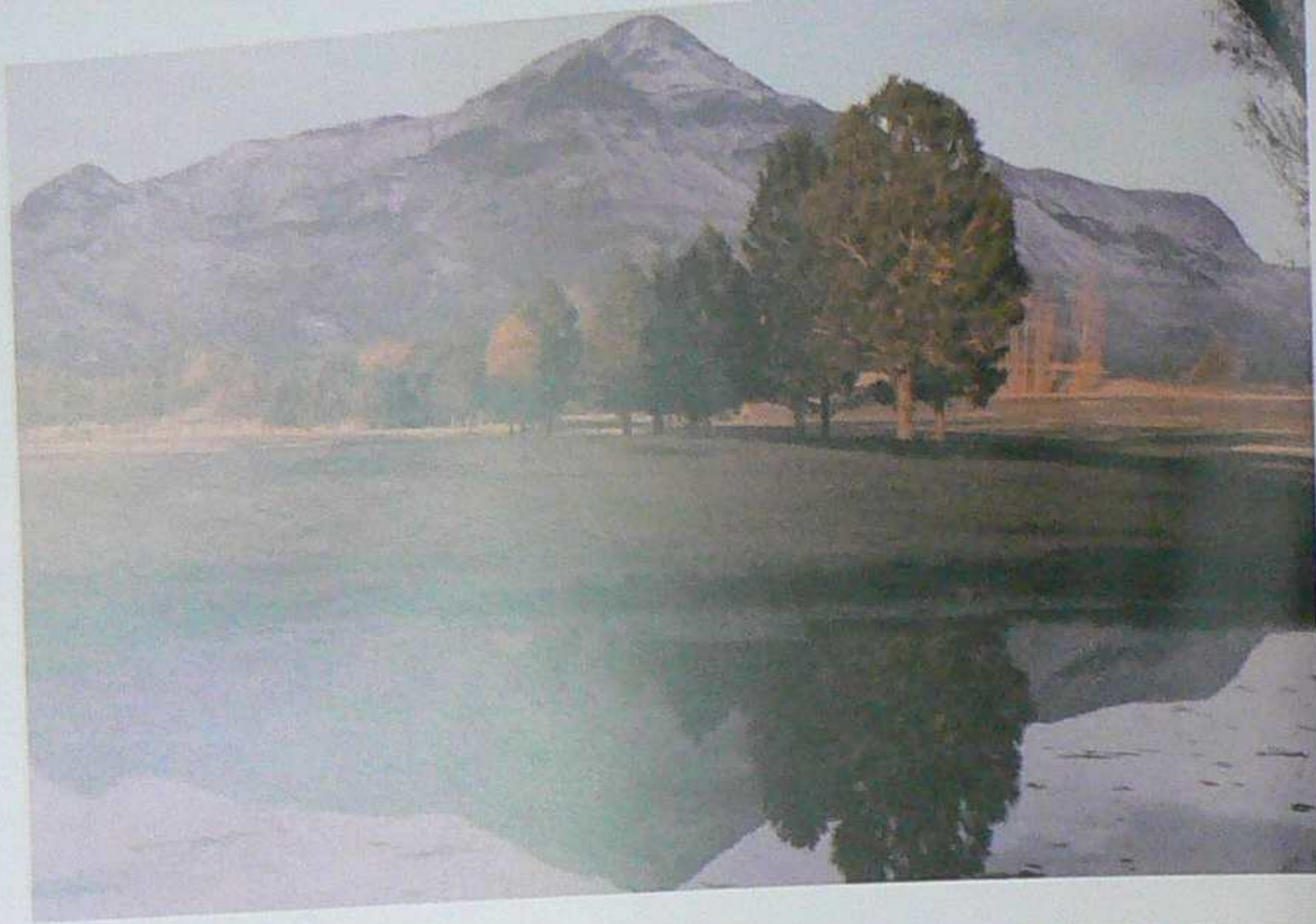






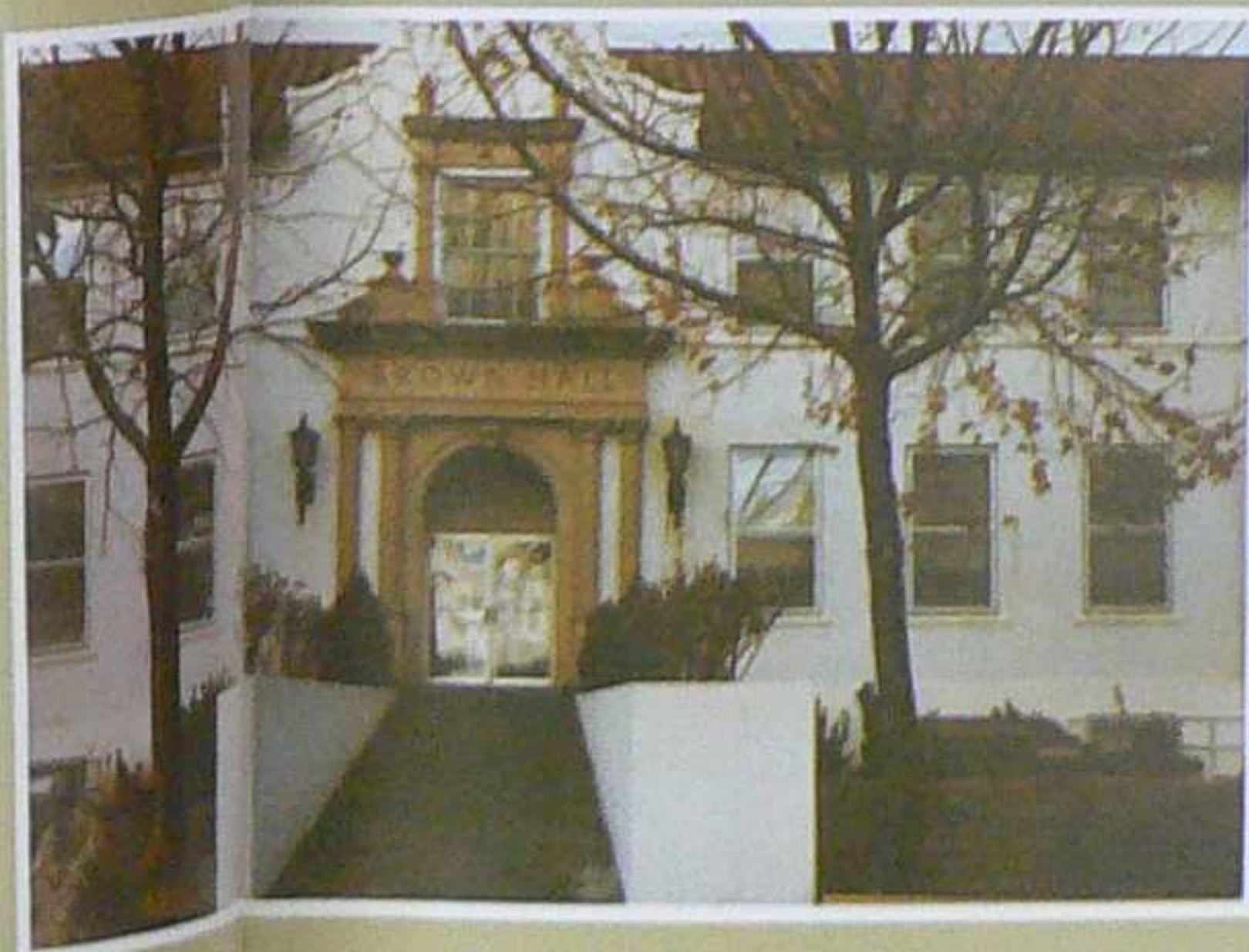
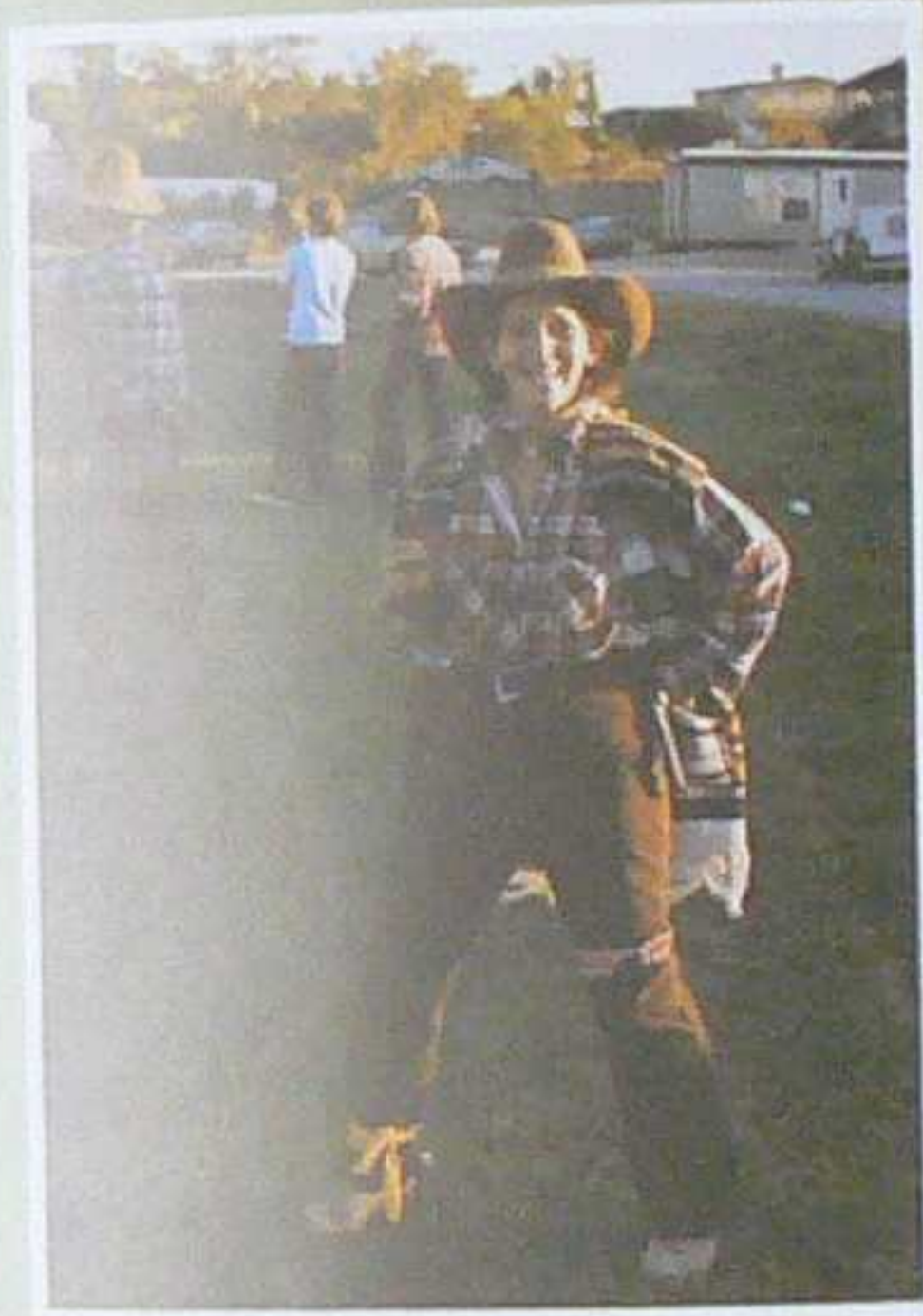


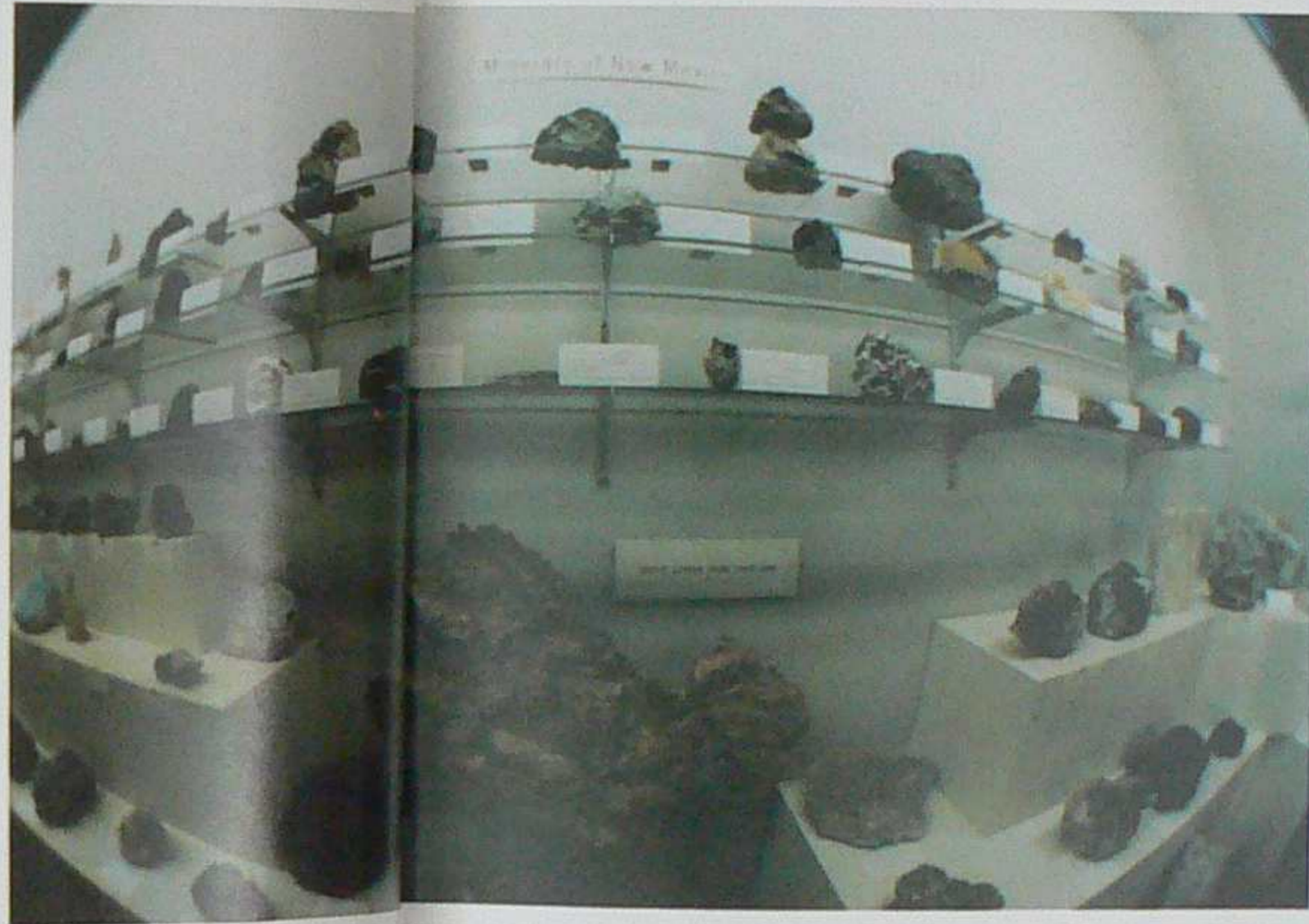
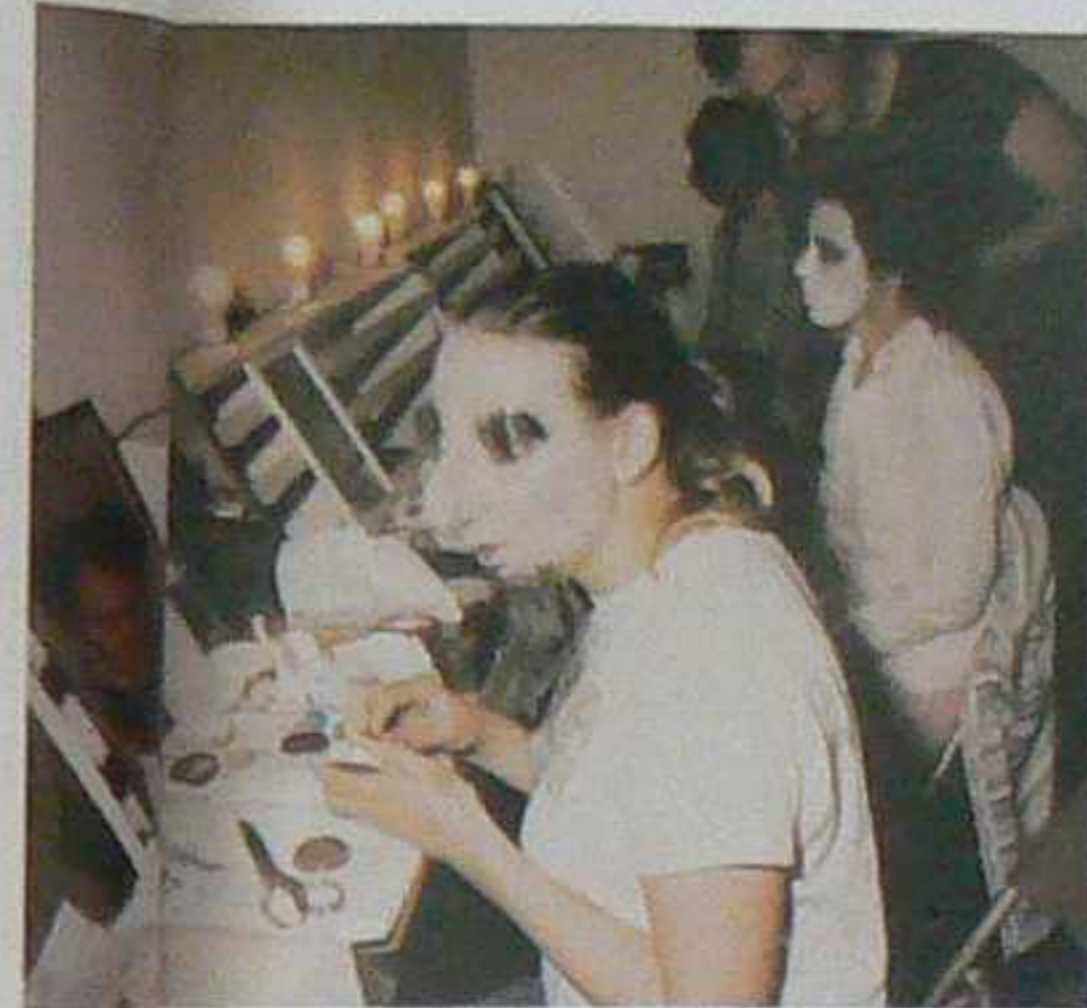




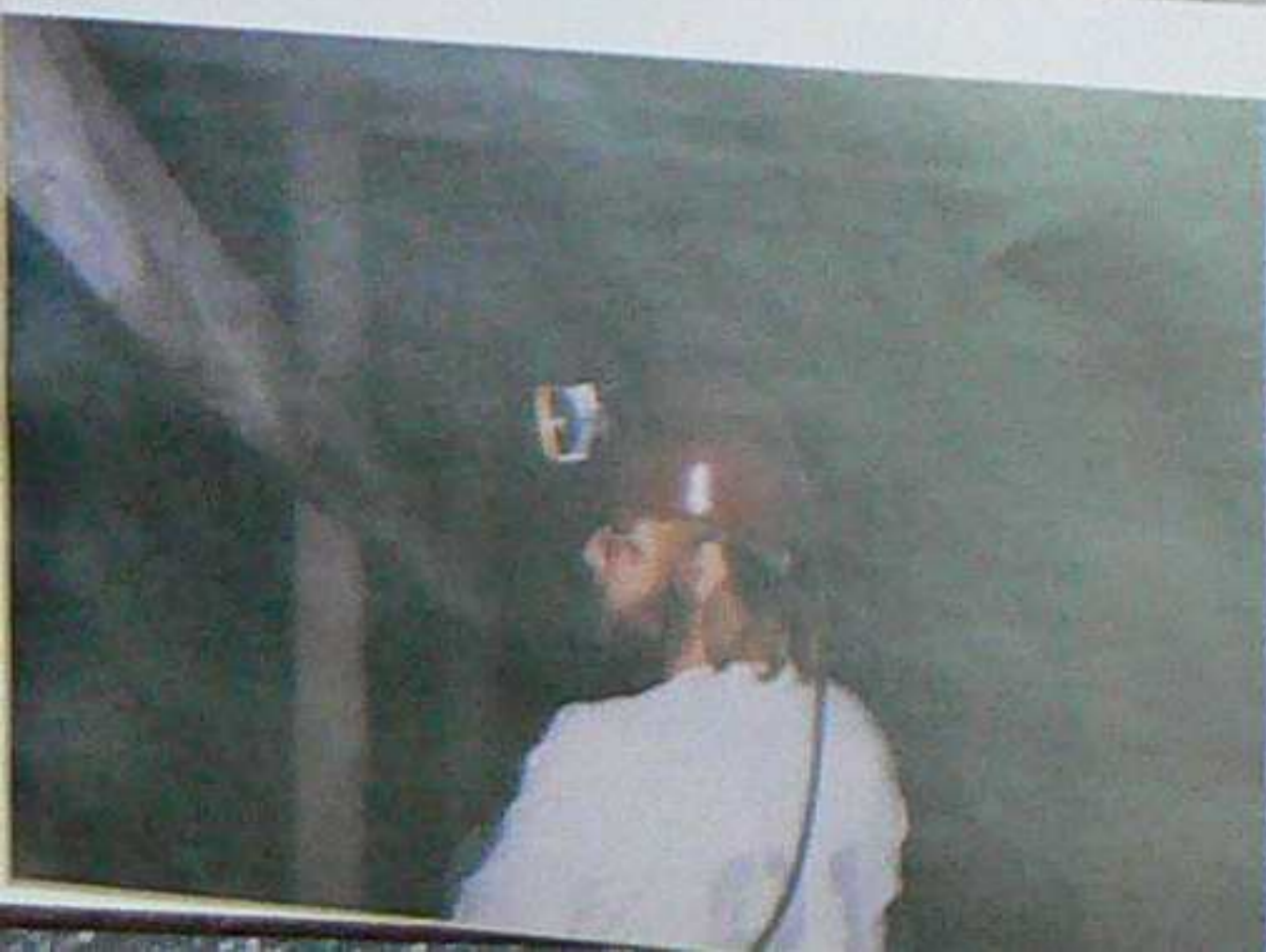
Art is anything you can get away with.
Marshall McLuhan

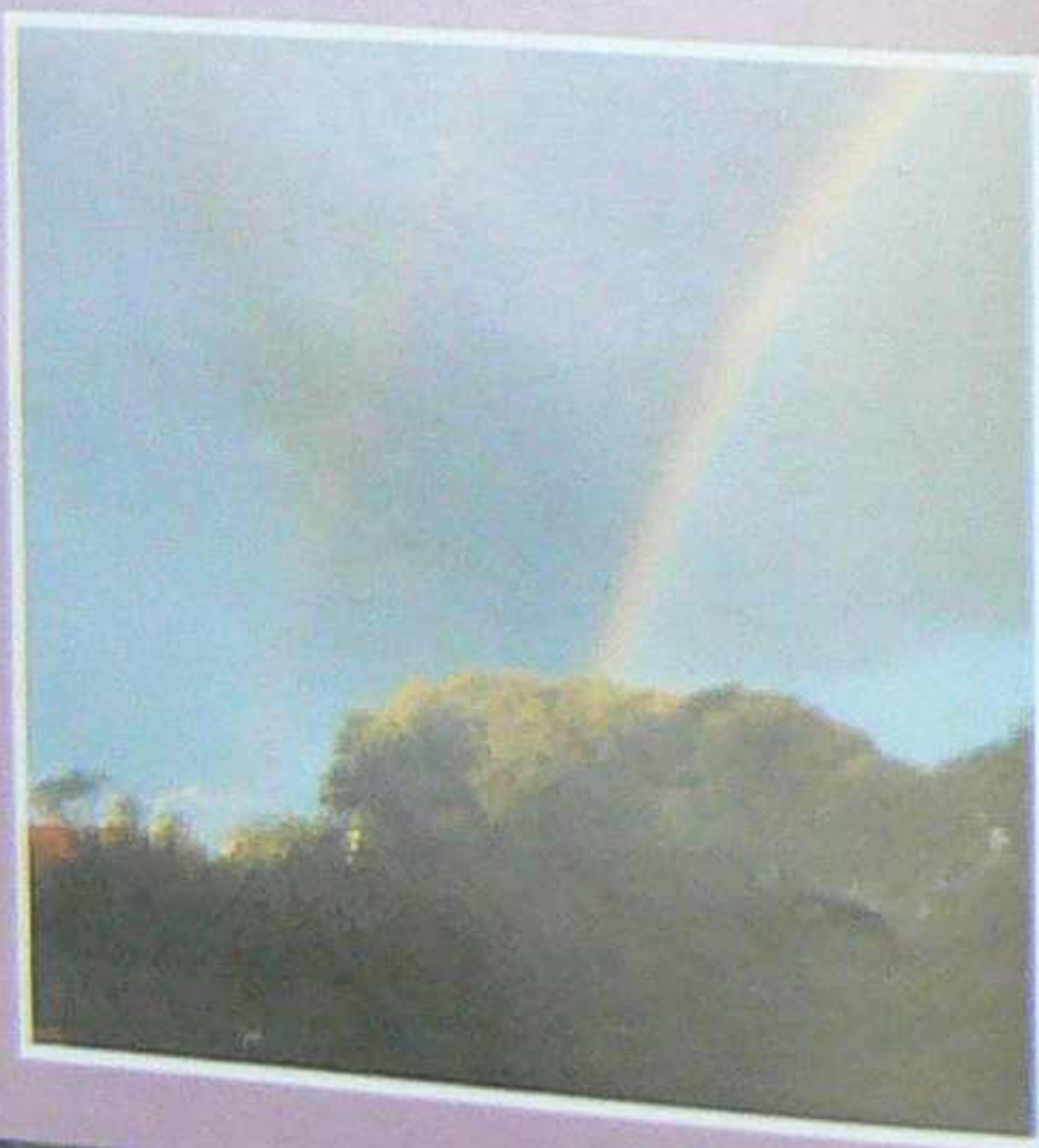
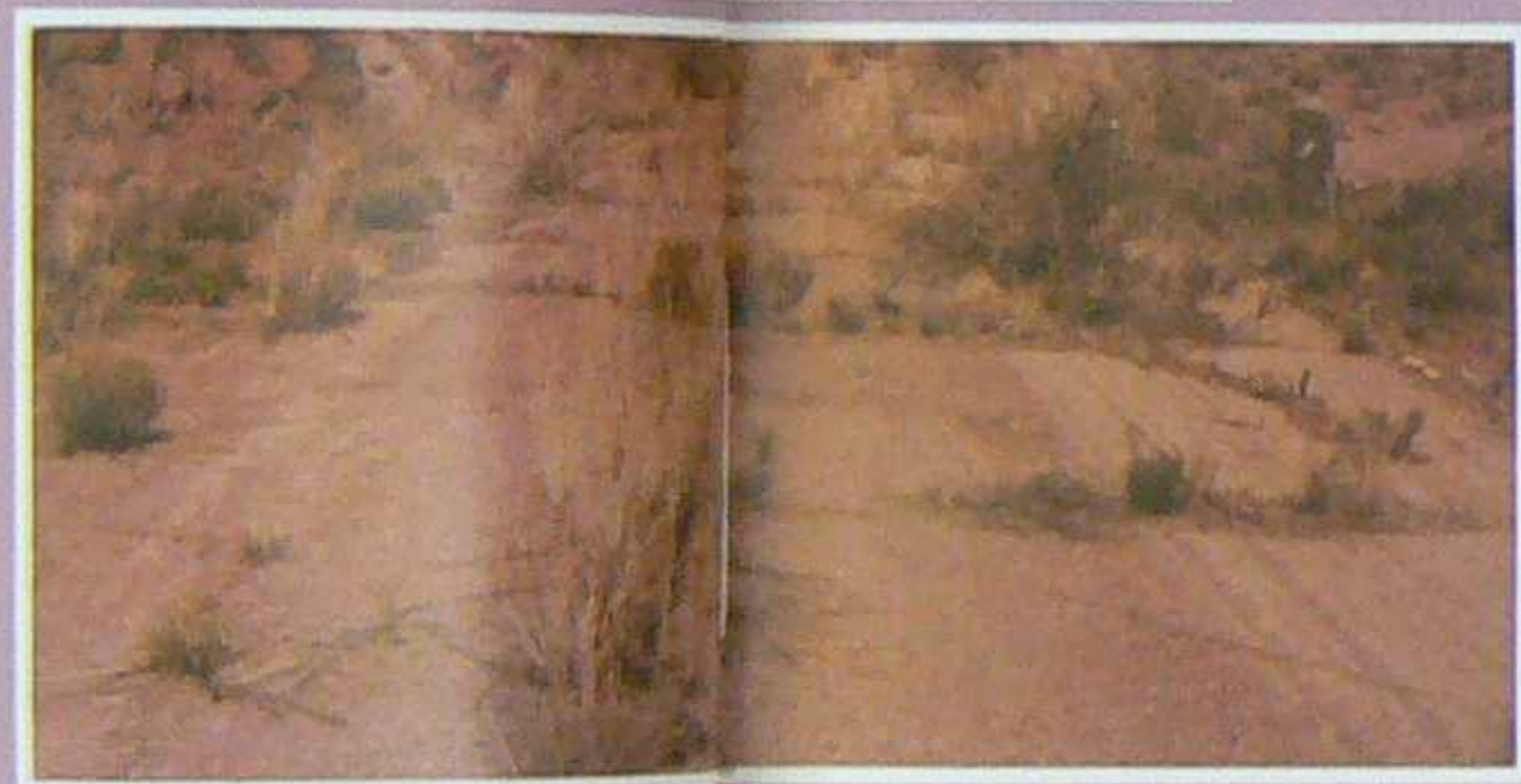
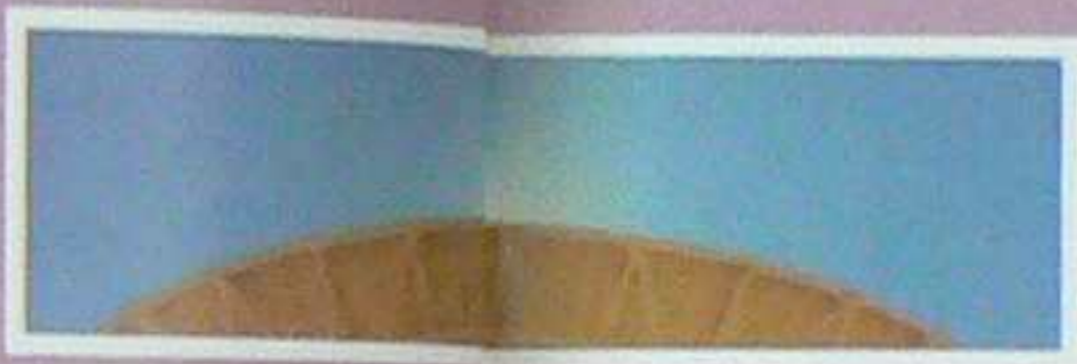


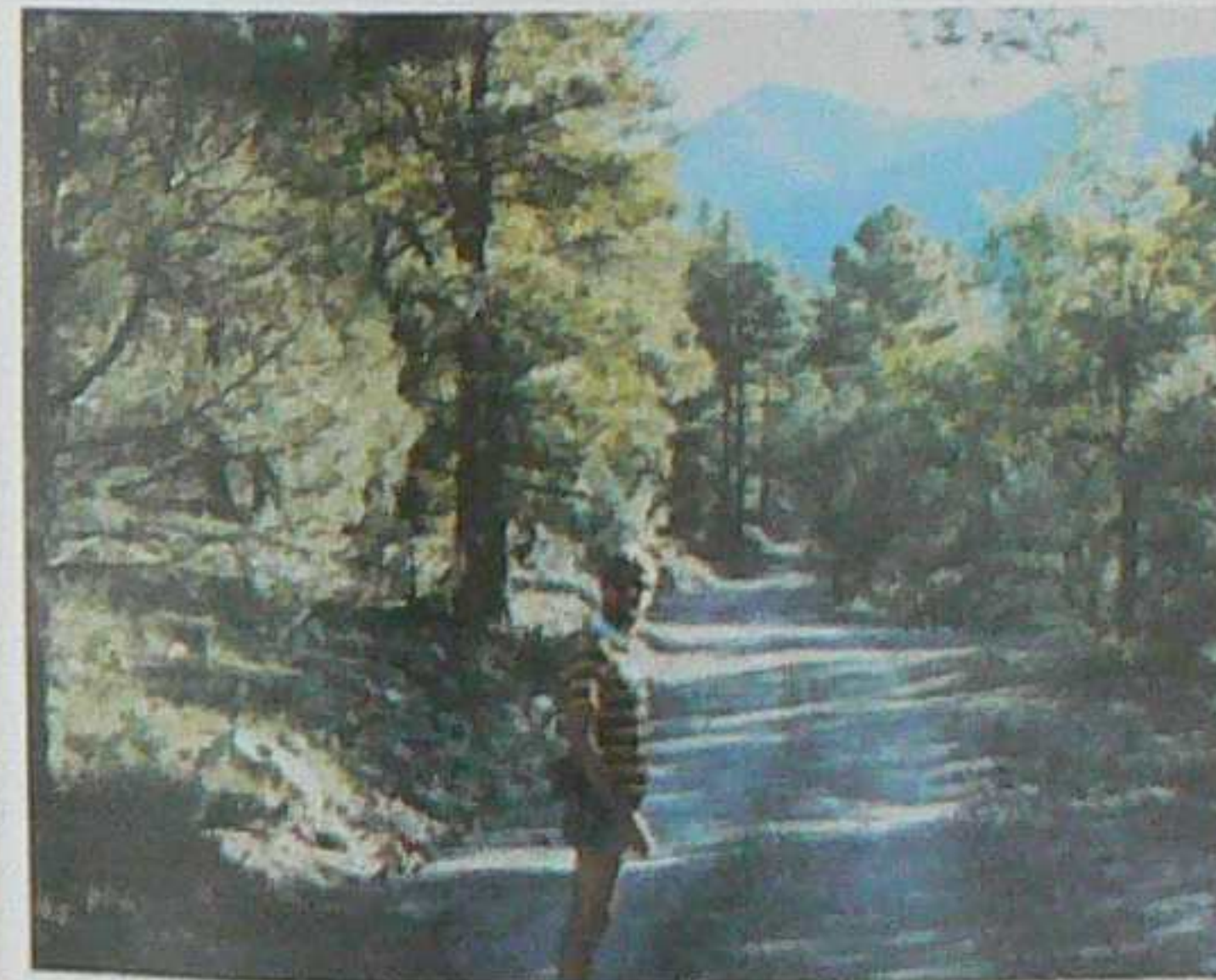
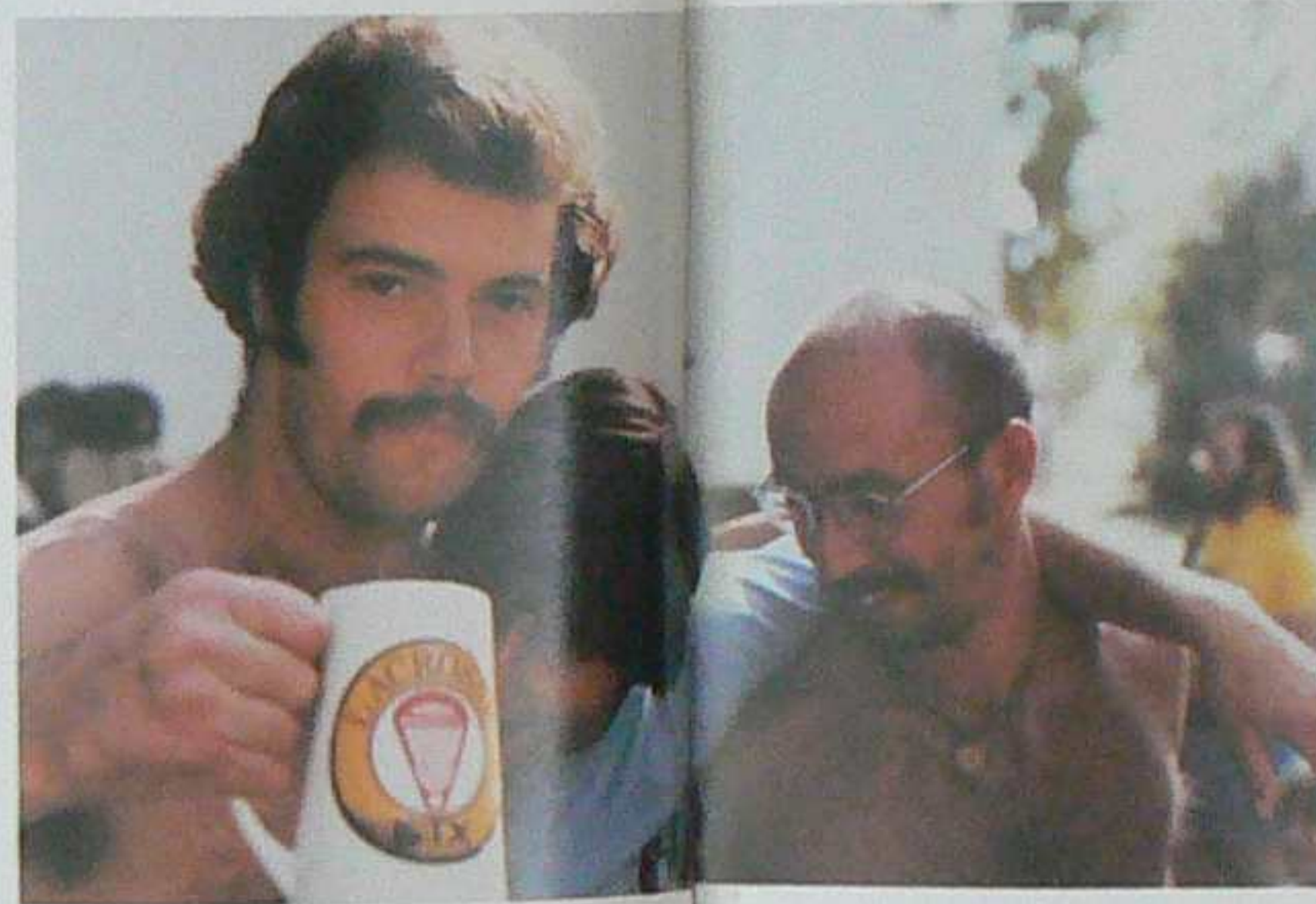


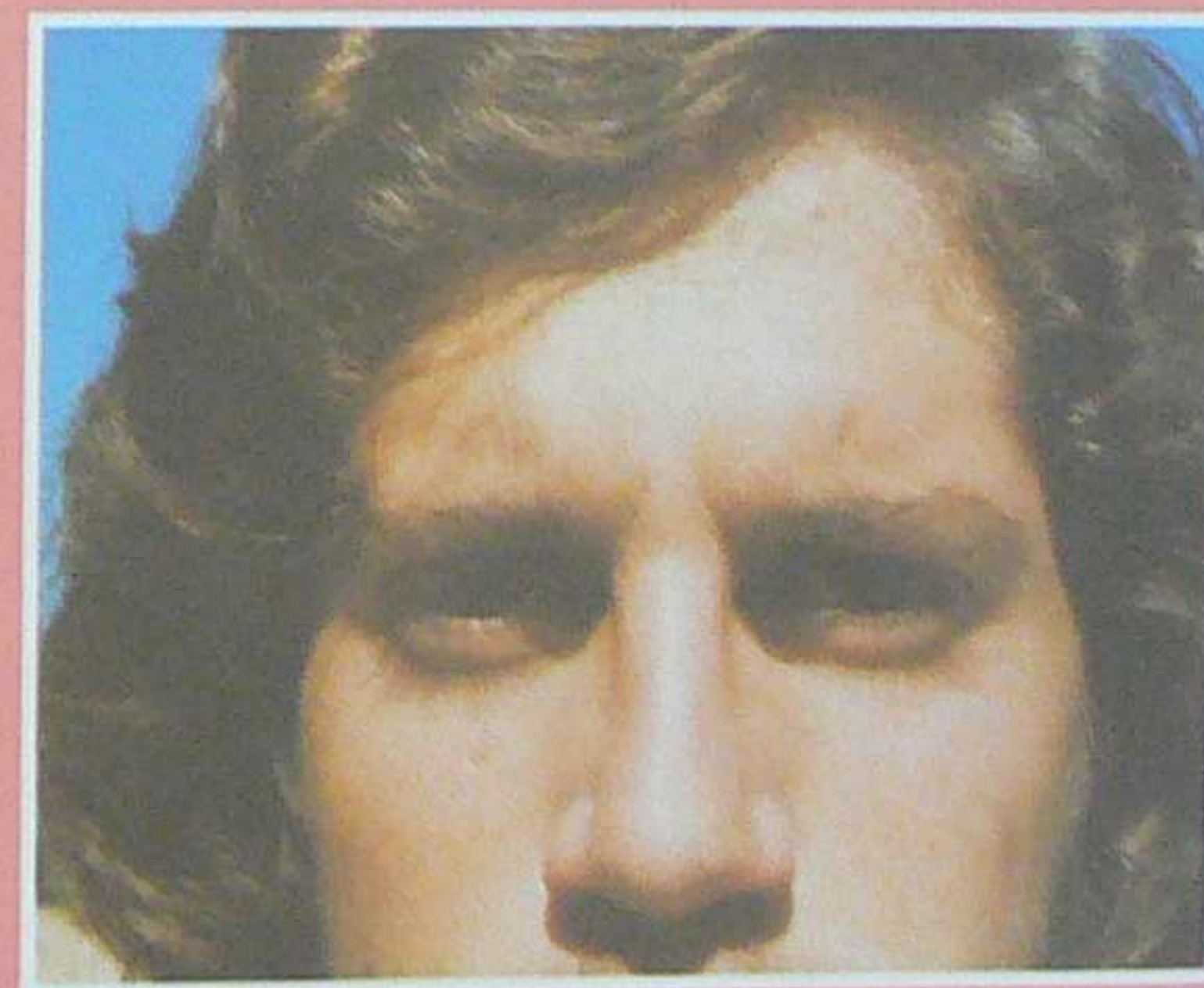
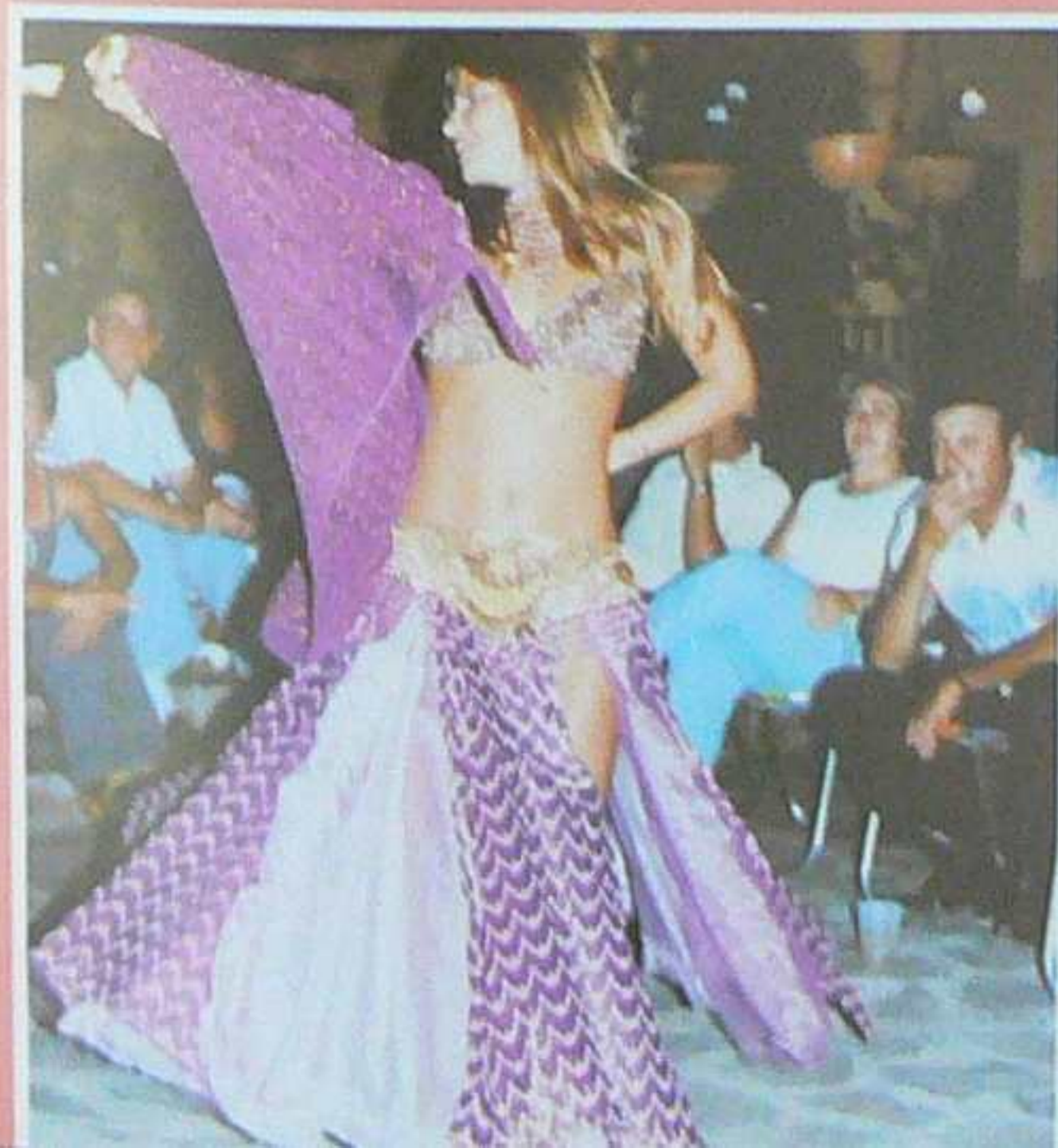
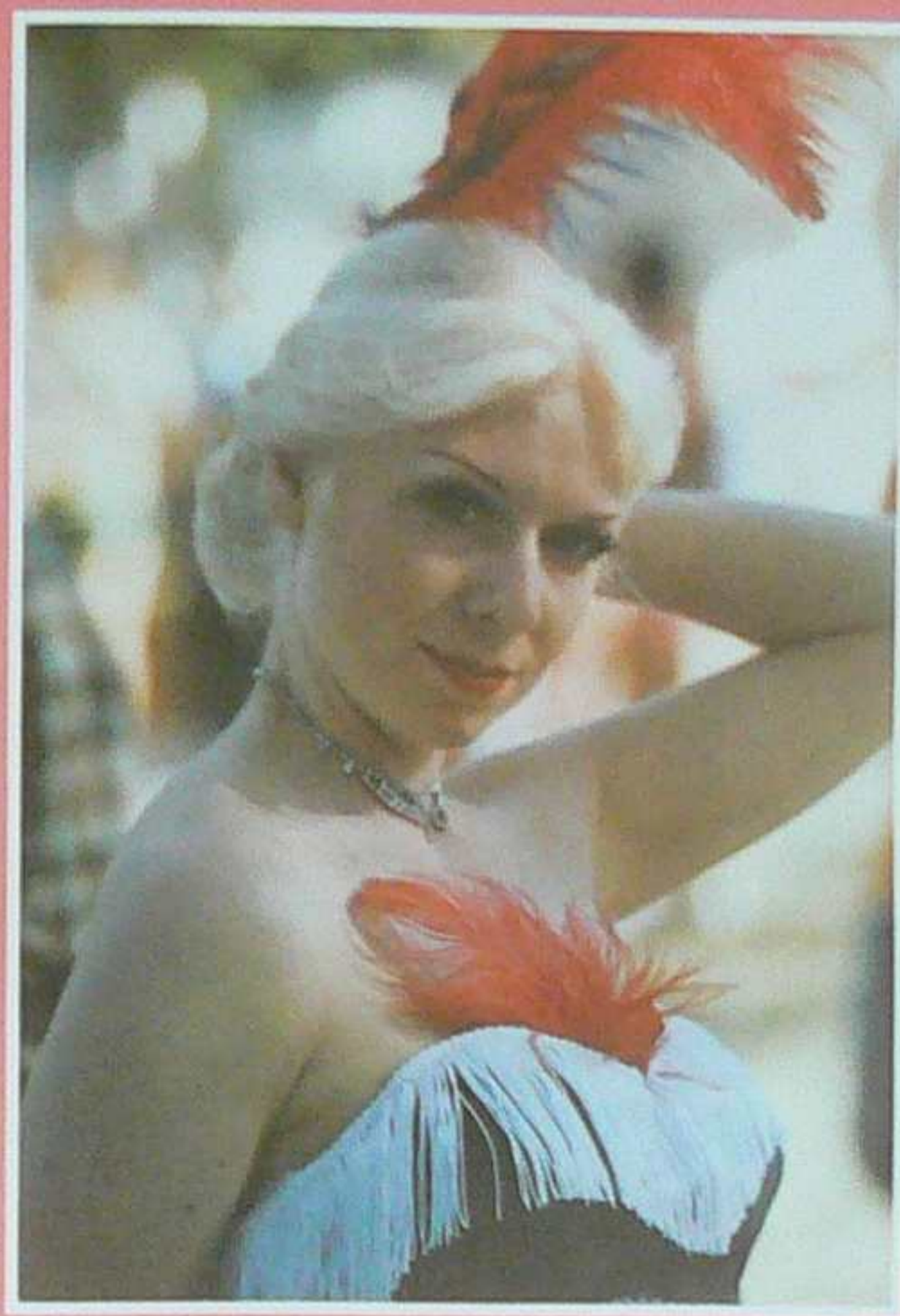


SARETH 4









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

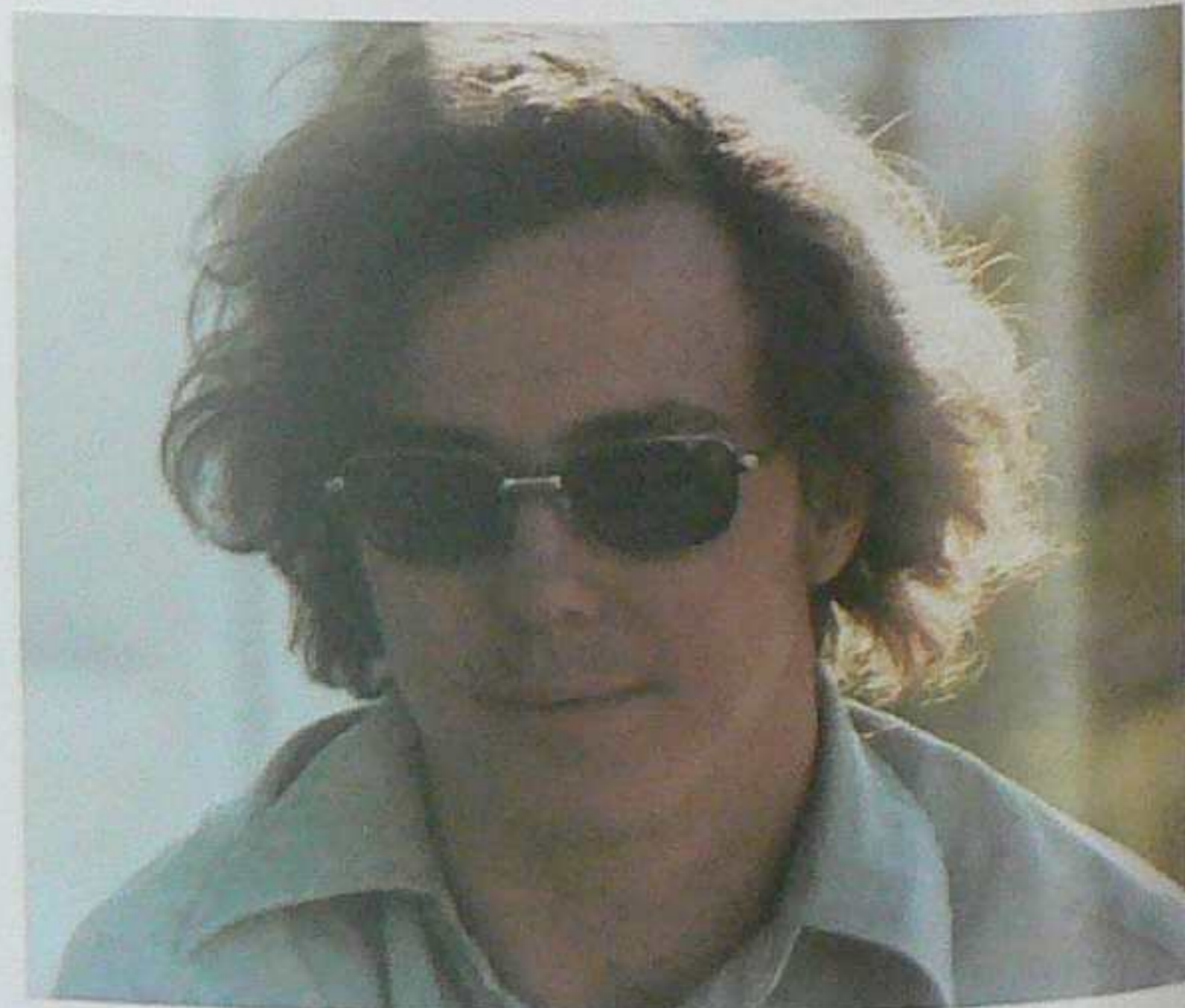
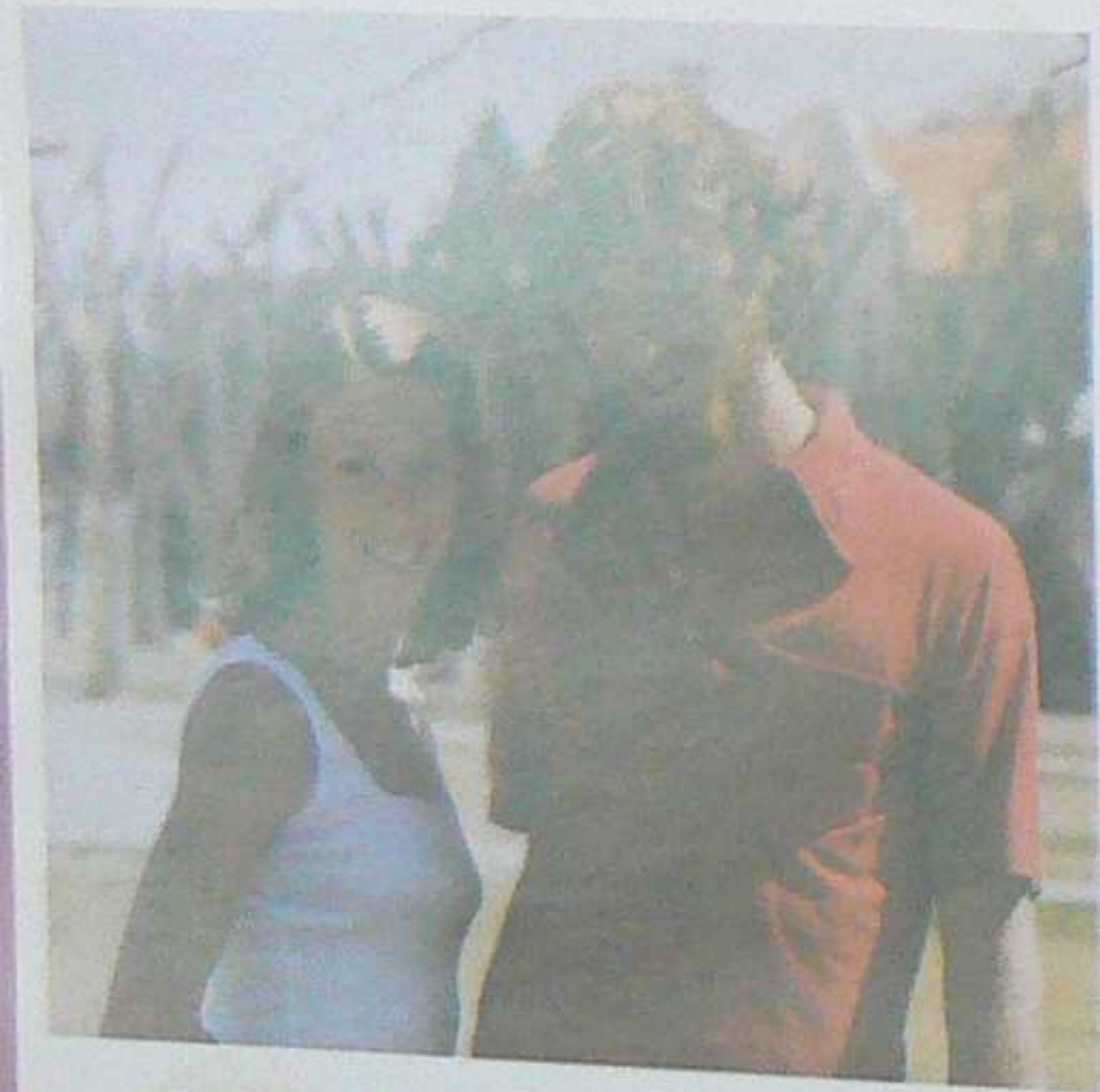
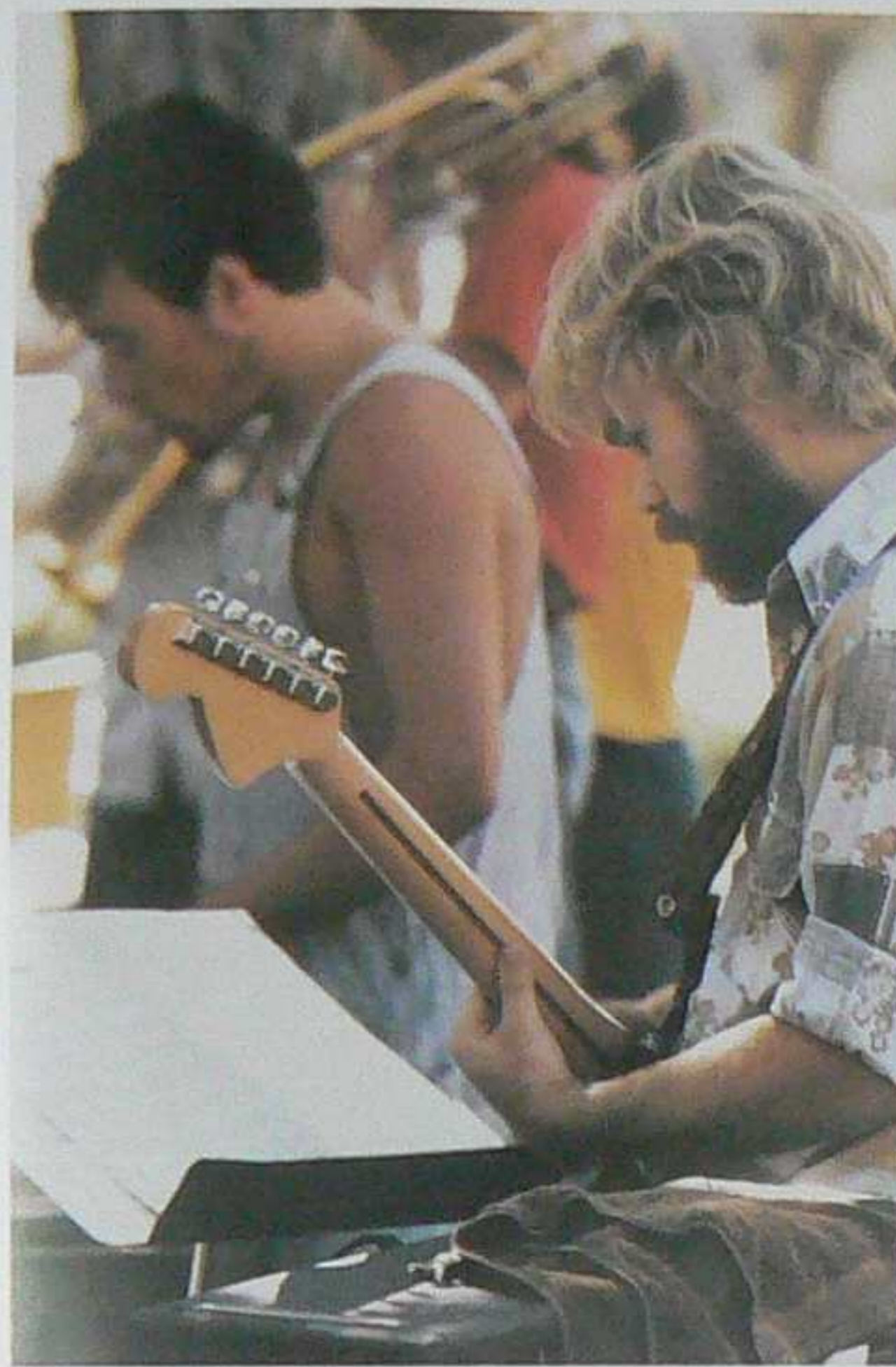
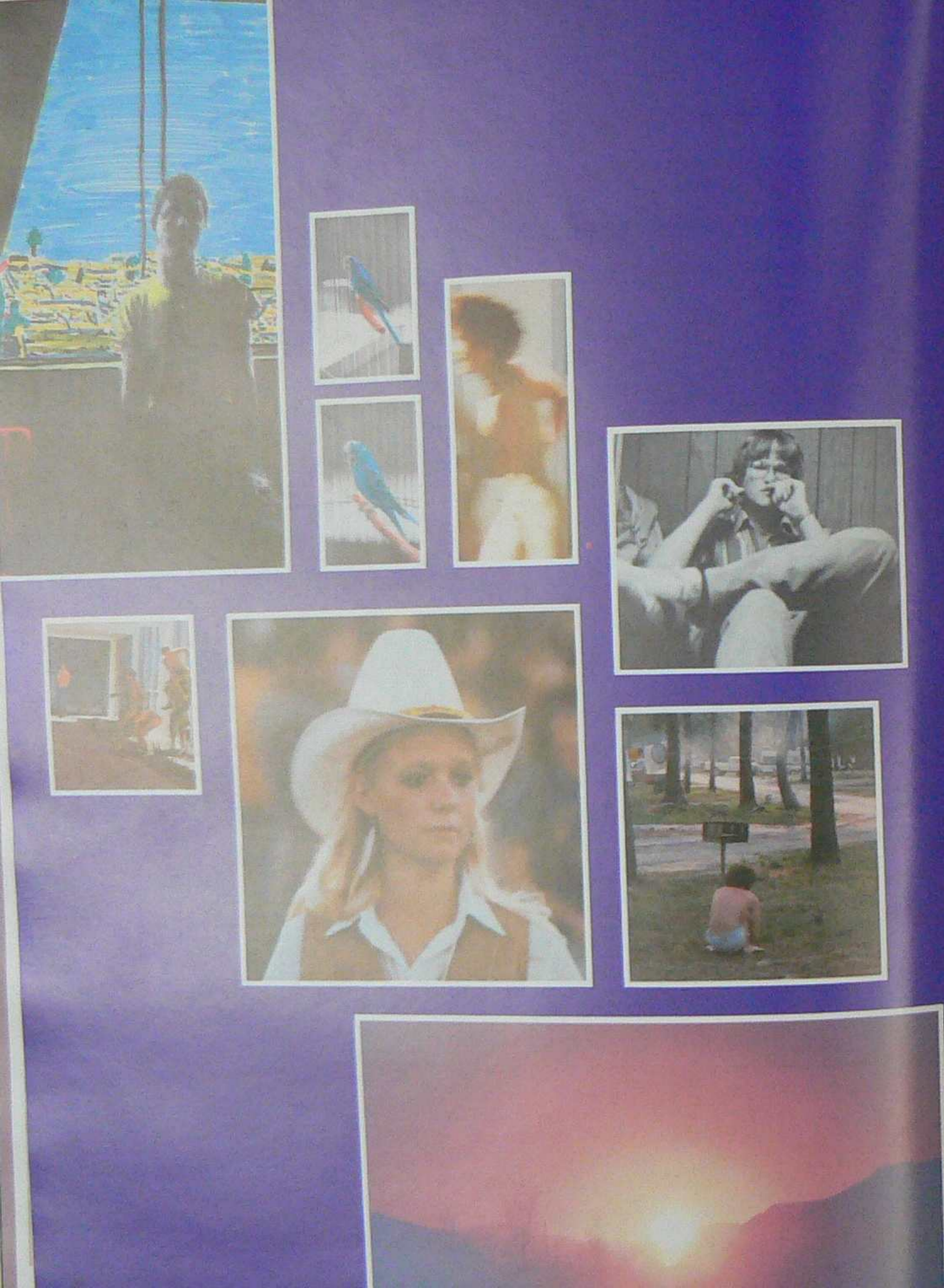


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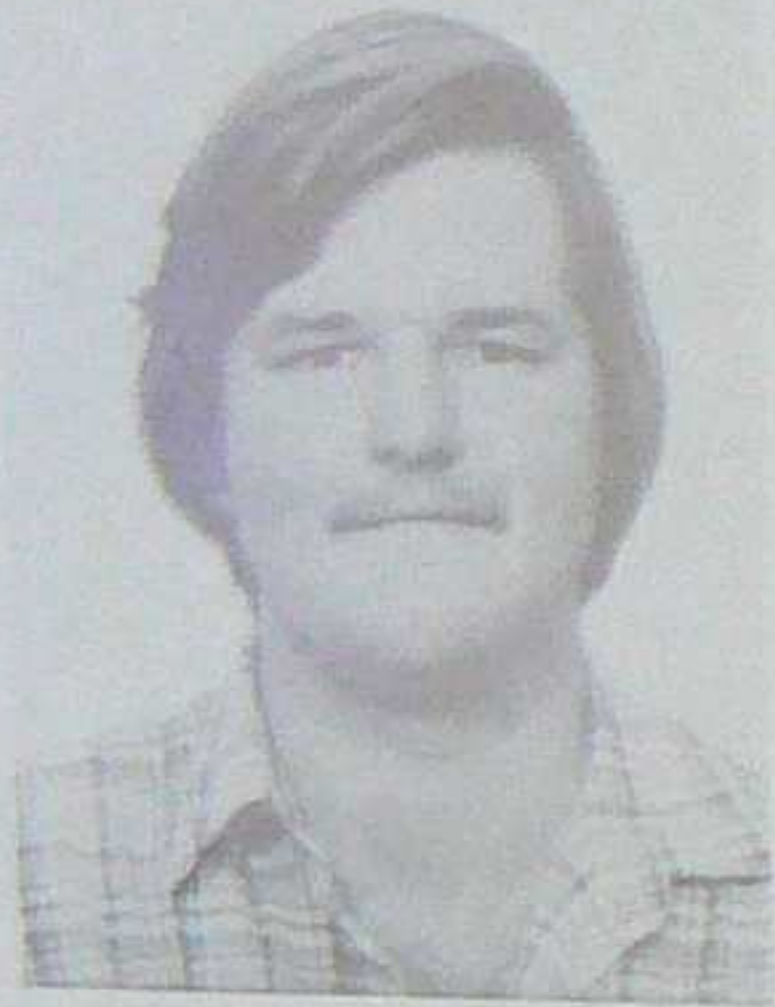
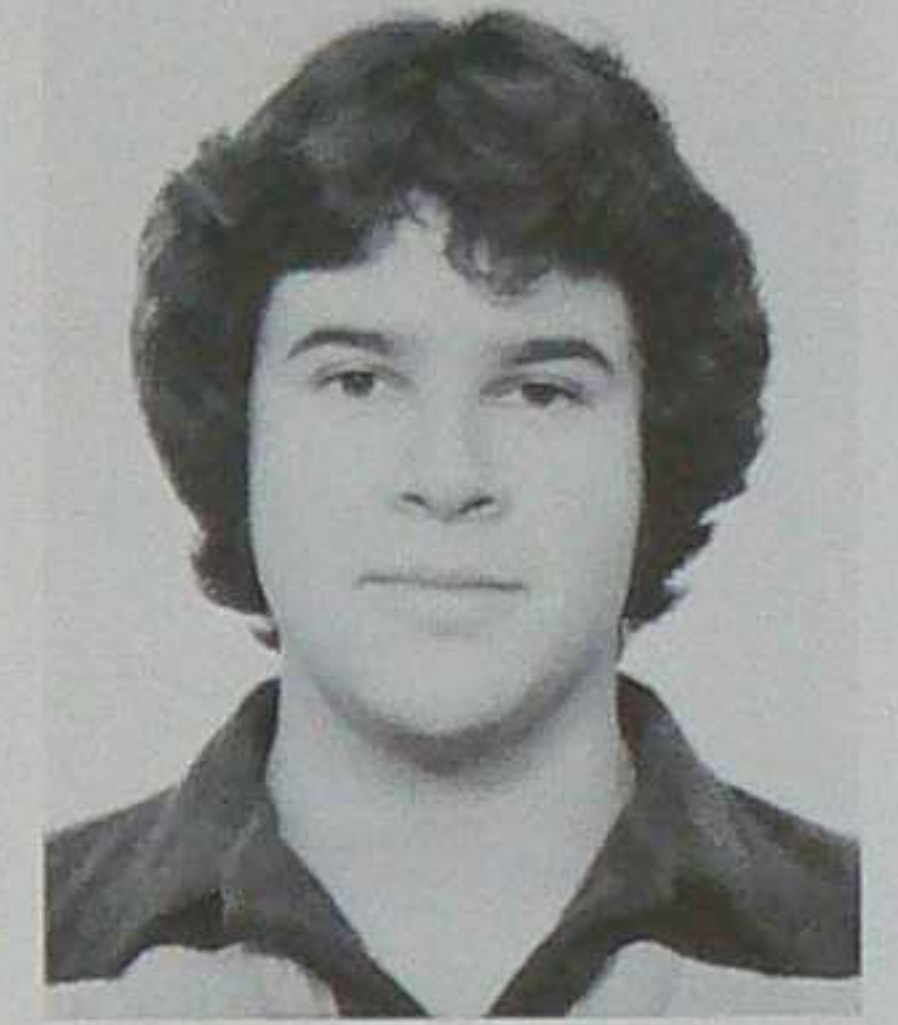
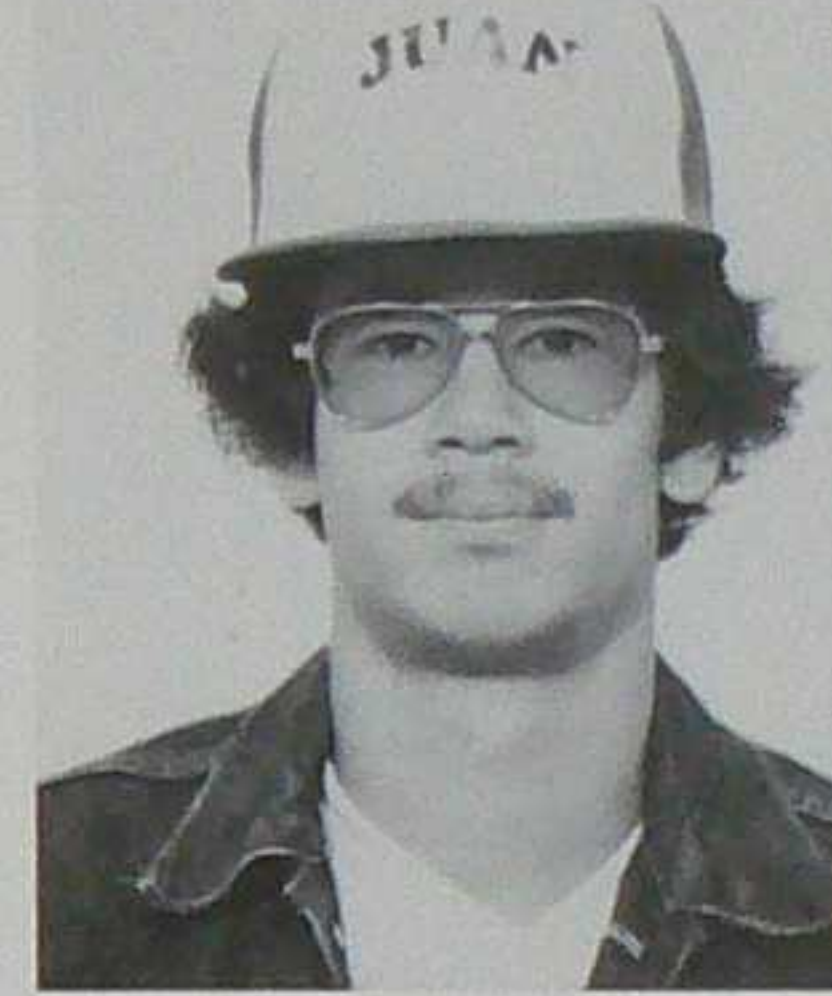
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Ruth Aerts

Paul Aldrich

Juan Alvarado

Thomas Baca



Fred T. Bak

Richard Barhitte

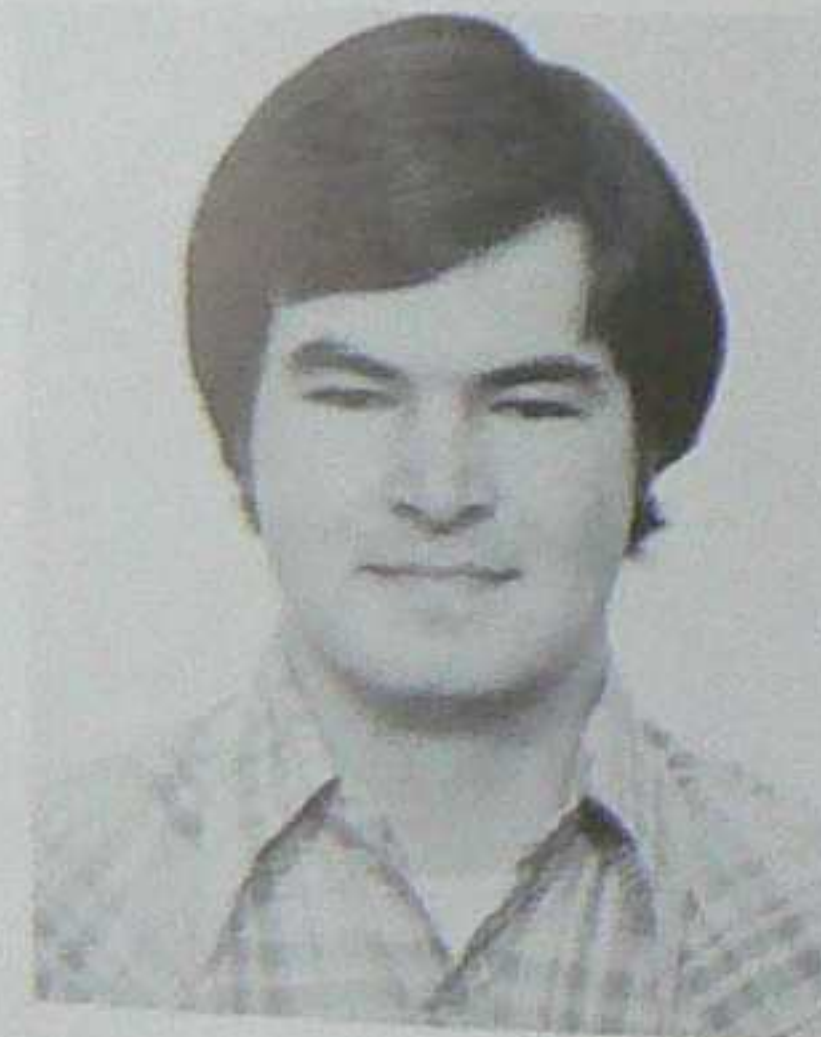
Jill Bartel

Tom Baumann

Stella Beard

Fred Beck

Sheri Bianchin



JILL B



John Binder

Catherine Blackburn

Stanley Balckwell

Eli Whitney Blake

Nancy Blount



Micheal Borden

John Boston

Jonathan Bradford

Brad Bradley



William Bransford

Wayne Branson

Dorsey Bridges

Adell K. Brown

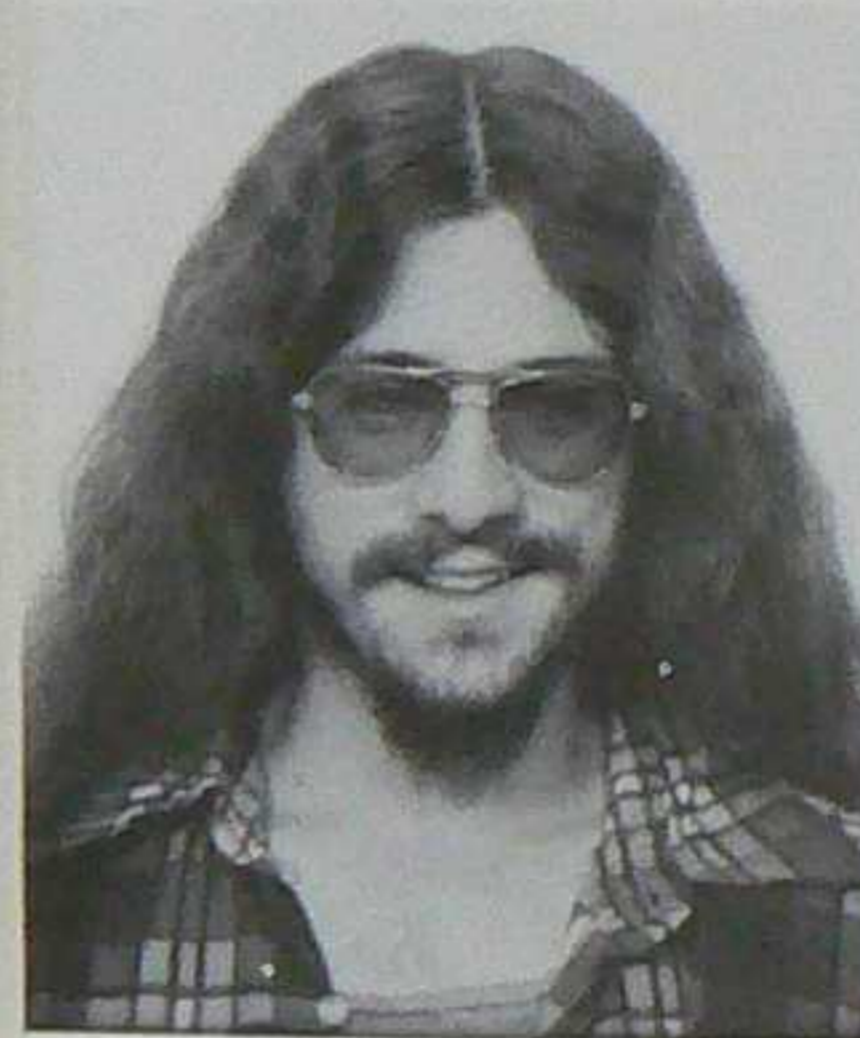
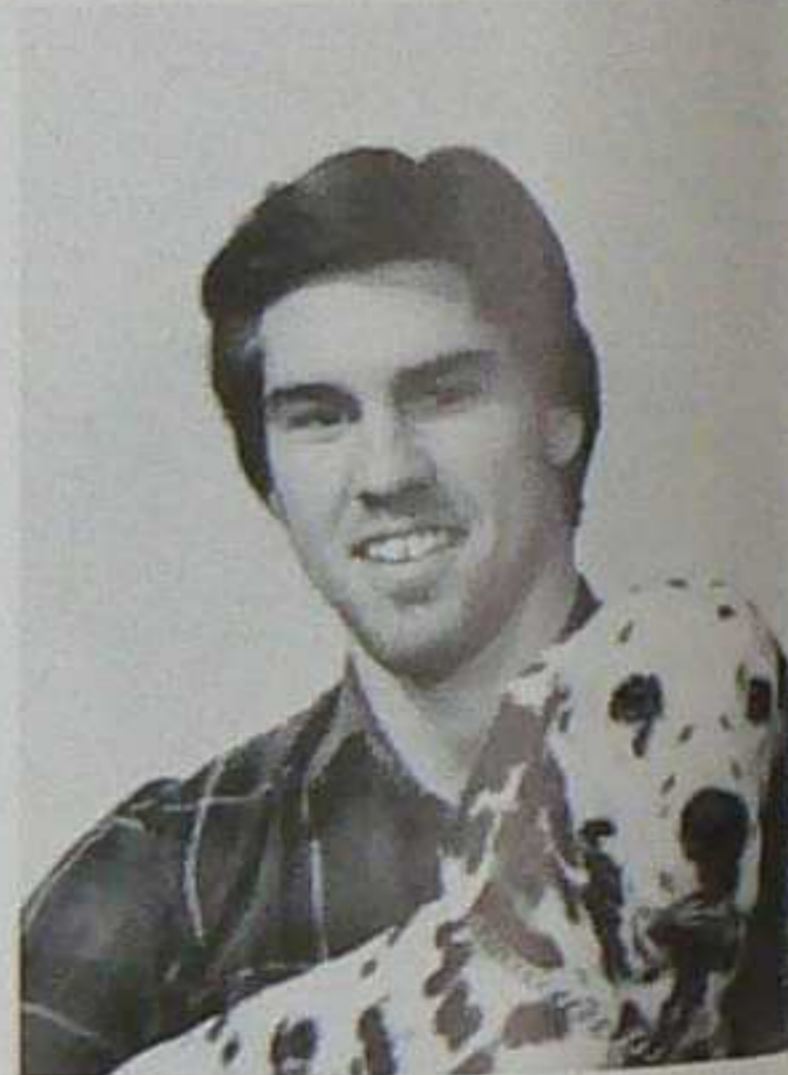




Shirley J. Brown

John Burdick

Mathew Burns



Mark Busa

Tori Rhys Byrd

Ted Cahoon

Mike Campanella



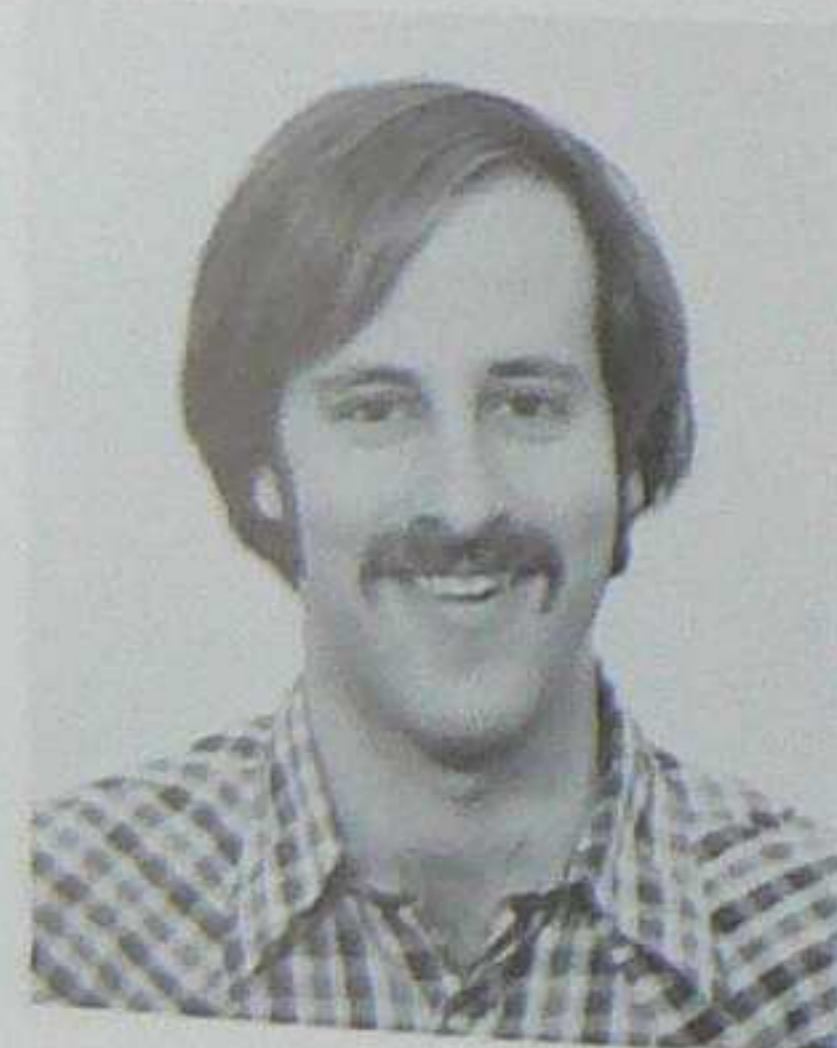
William Cameron

David Capps

Dan Carlson

Angela Fay Carreathers

Celeste Case





Tina Caton
Jose Celis



Art Champeny
Marianita Chee

Jesse Chisholm

Brian Christianson

Detchana Chutinara

Becky Clayton

Ernie Cody





Dorothea Cohen

Debbie Cook

Richard Cook

James S. Copeland

Steven Crane

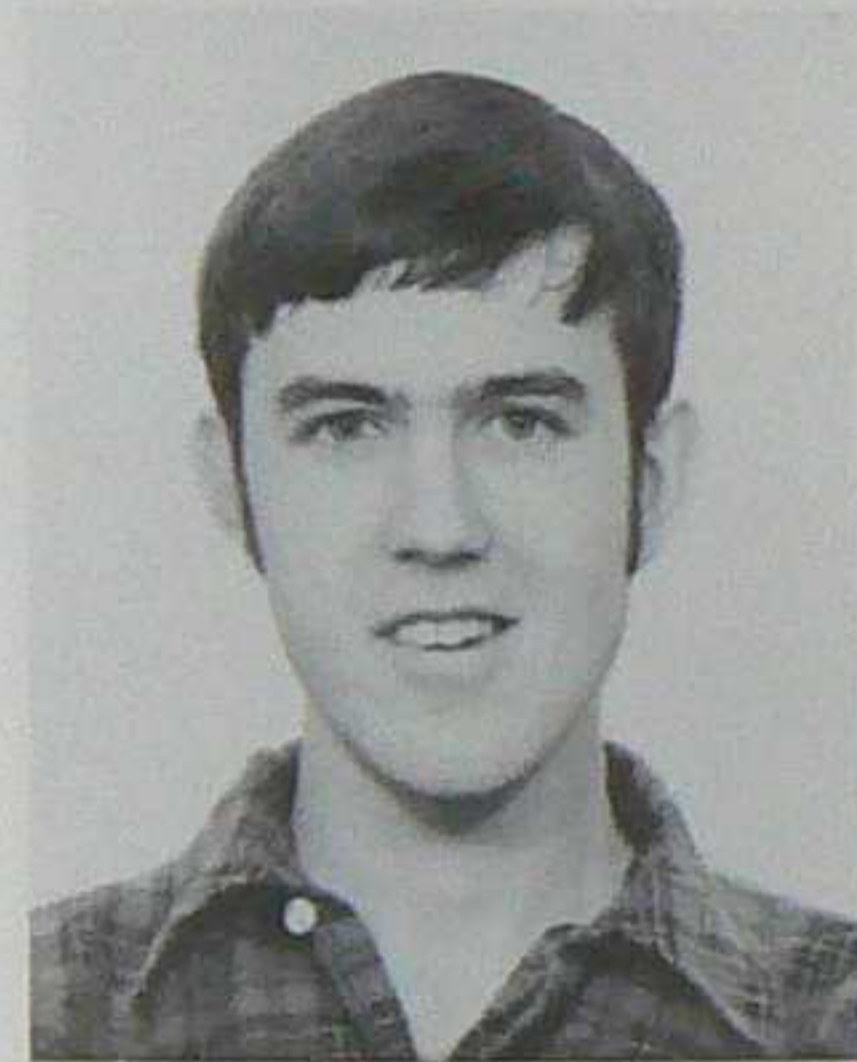
Donna L. Crane

LouAnn Crawford

Patrick Cross

Mark Crosson

Sadegh Dadras



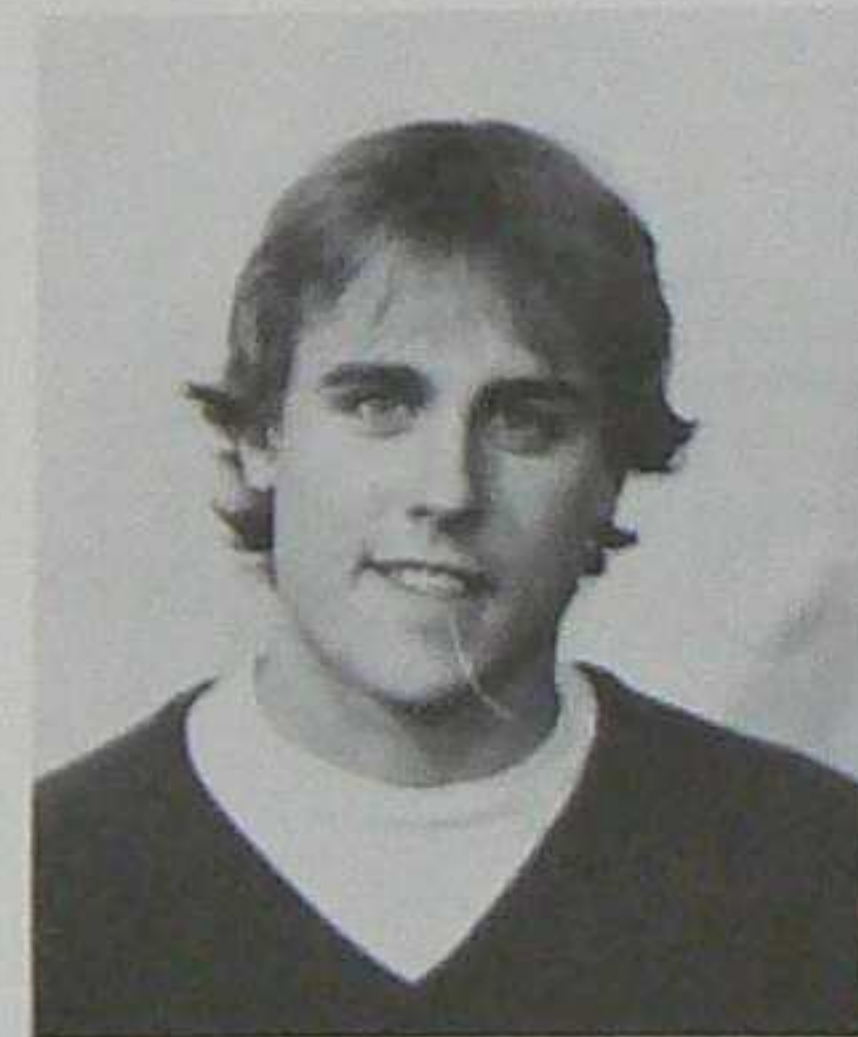
Paul Darmawan

Teresa A. Darr

Raymundo R. Davila

Brian W. Davis

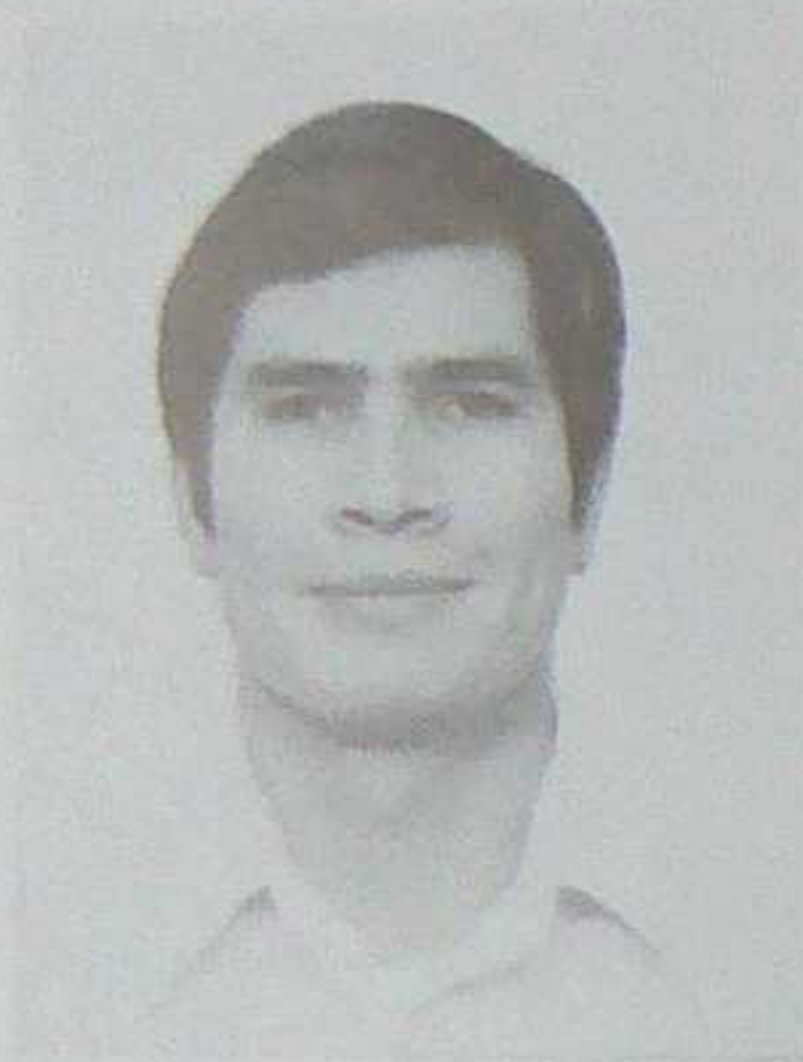
Steve Deffler



Julio Dominguez

Robert Donaldson

Kevin Donovan

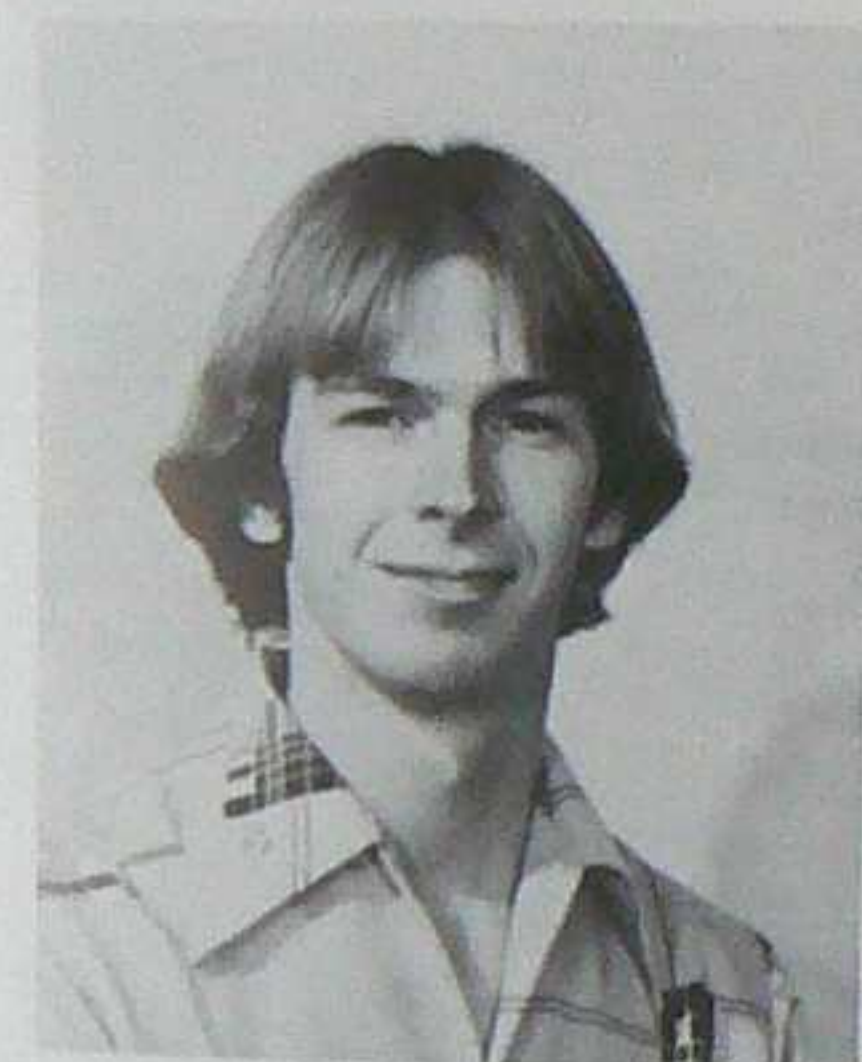
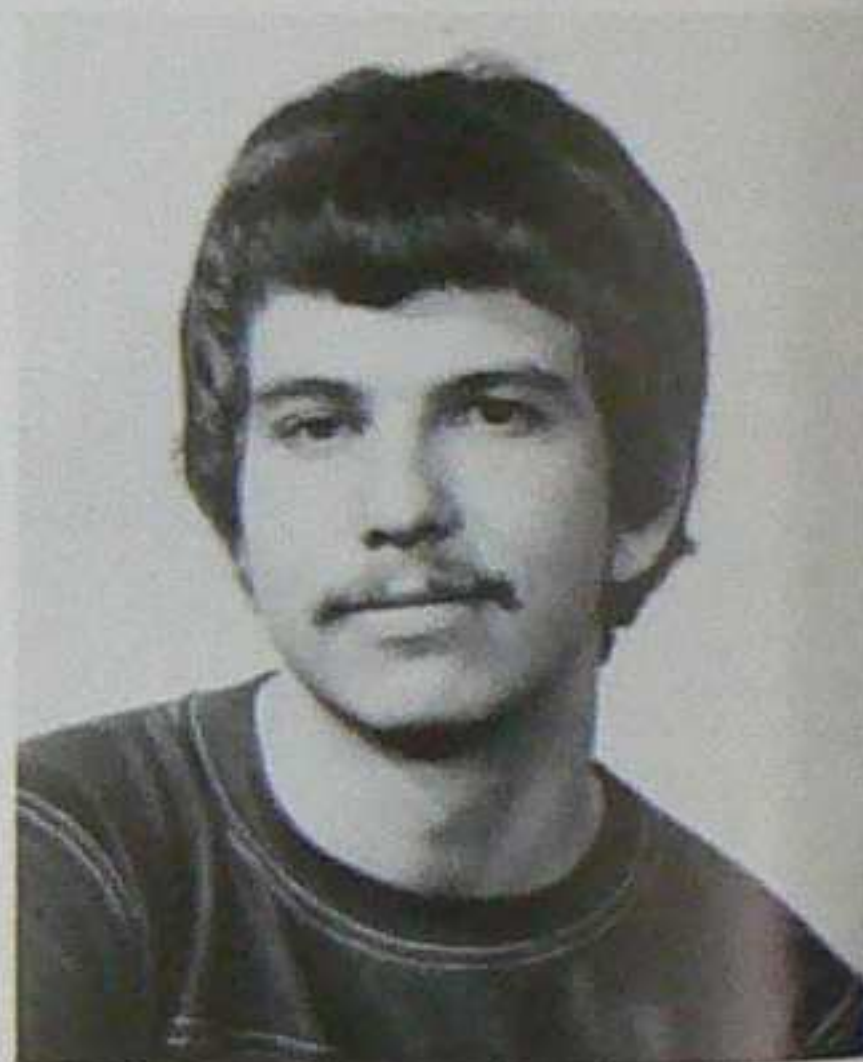


David P. Duggan

Ralph Durkee

Alan Duvall

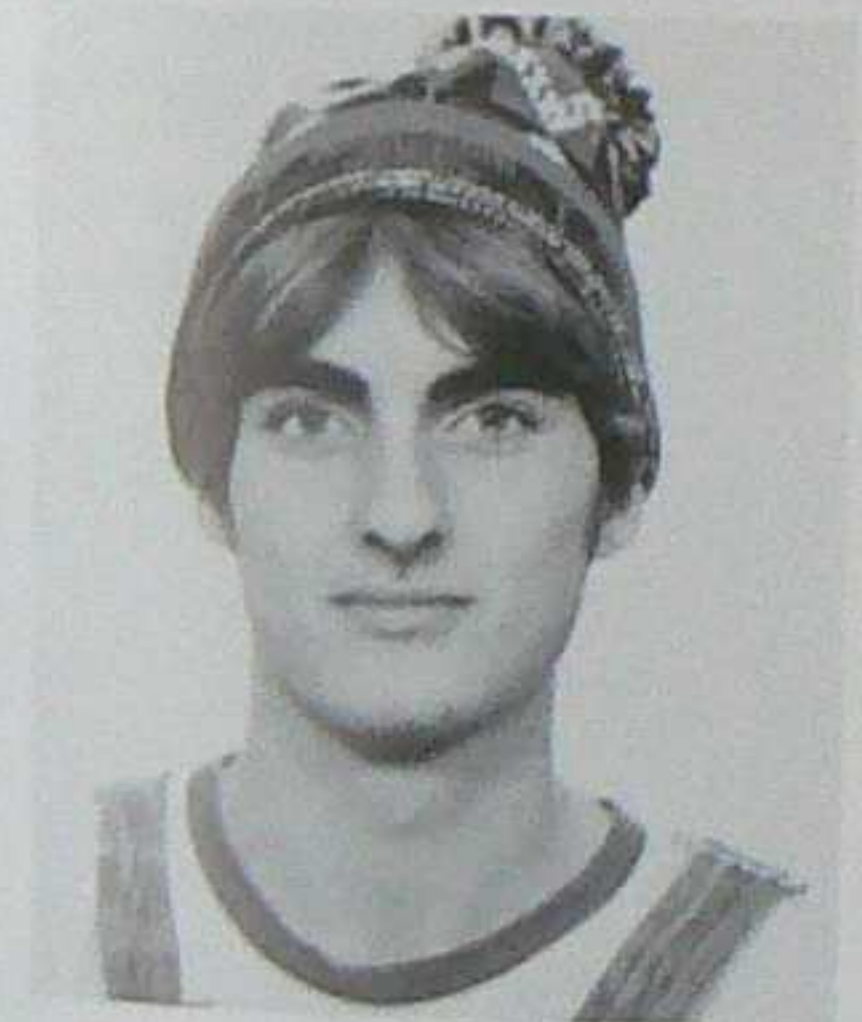
Victoria Dye

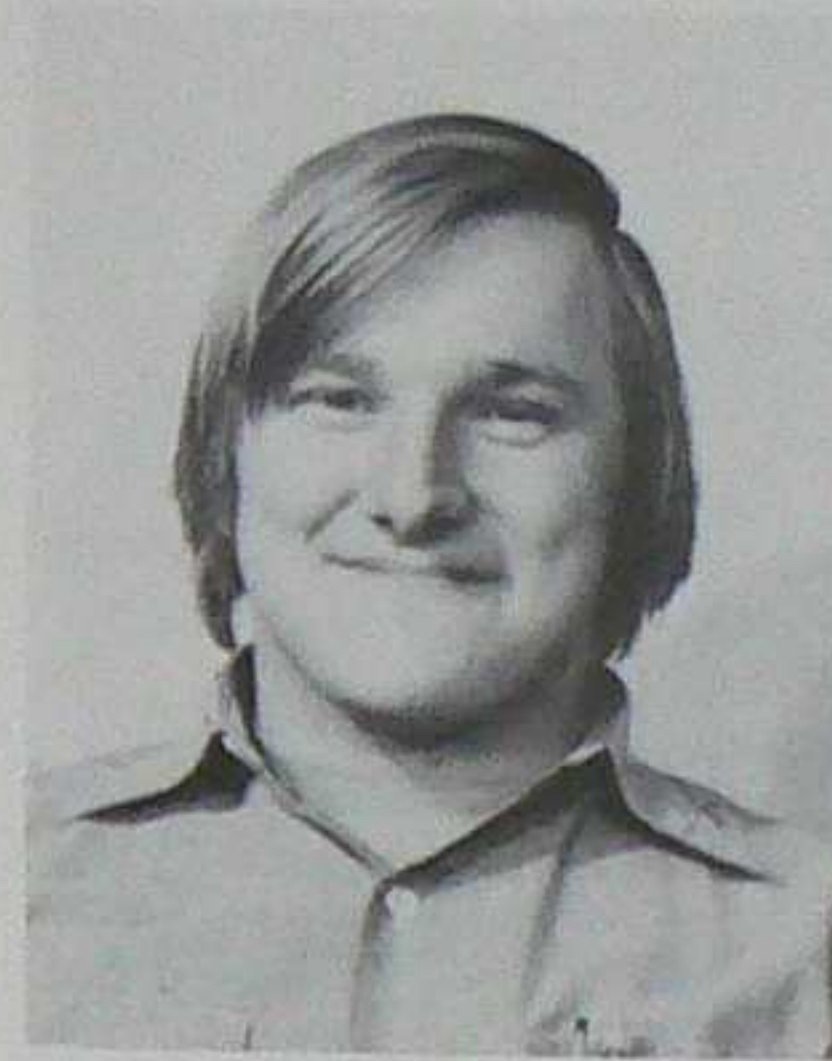


Karen Emch

Daniel Erny

Llian Escobar

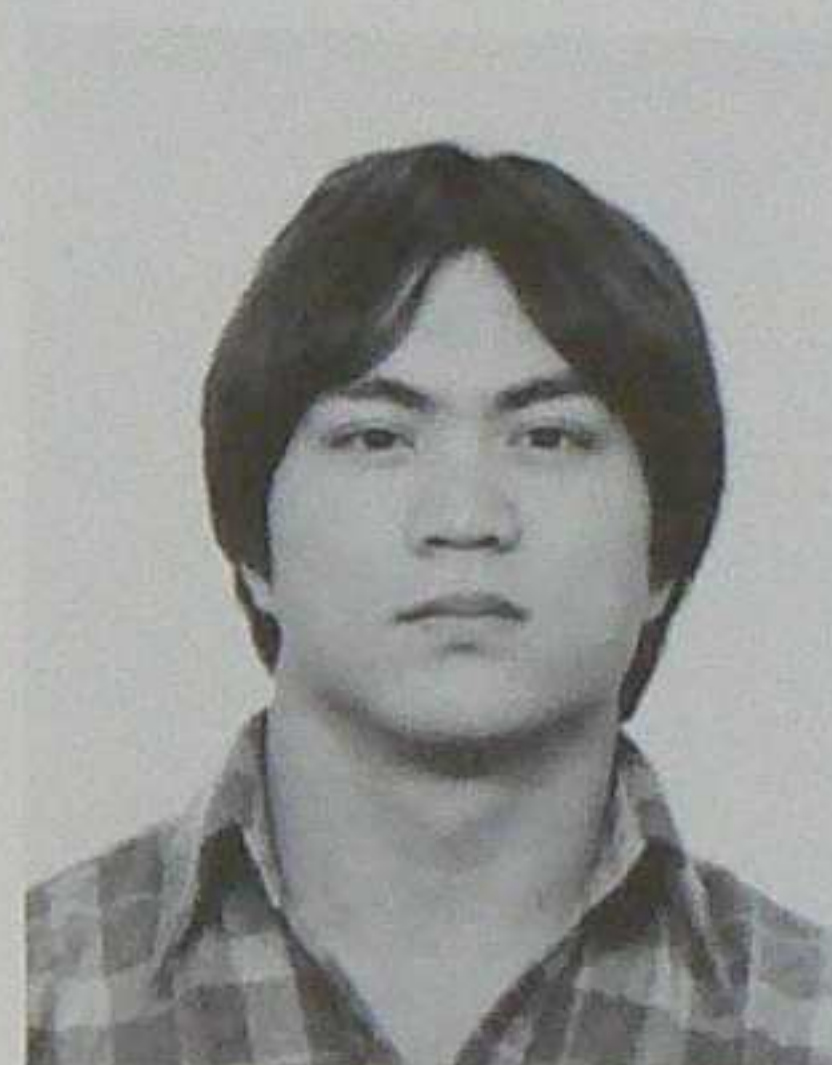




Martha A. Estes

Mehrdad Farahmand

Robert Farnum



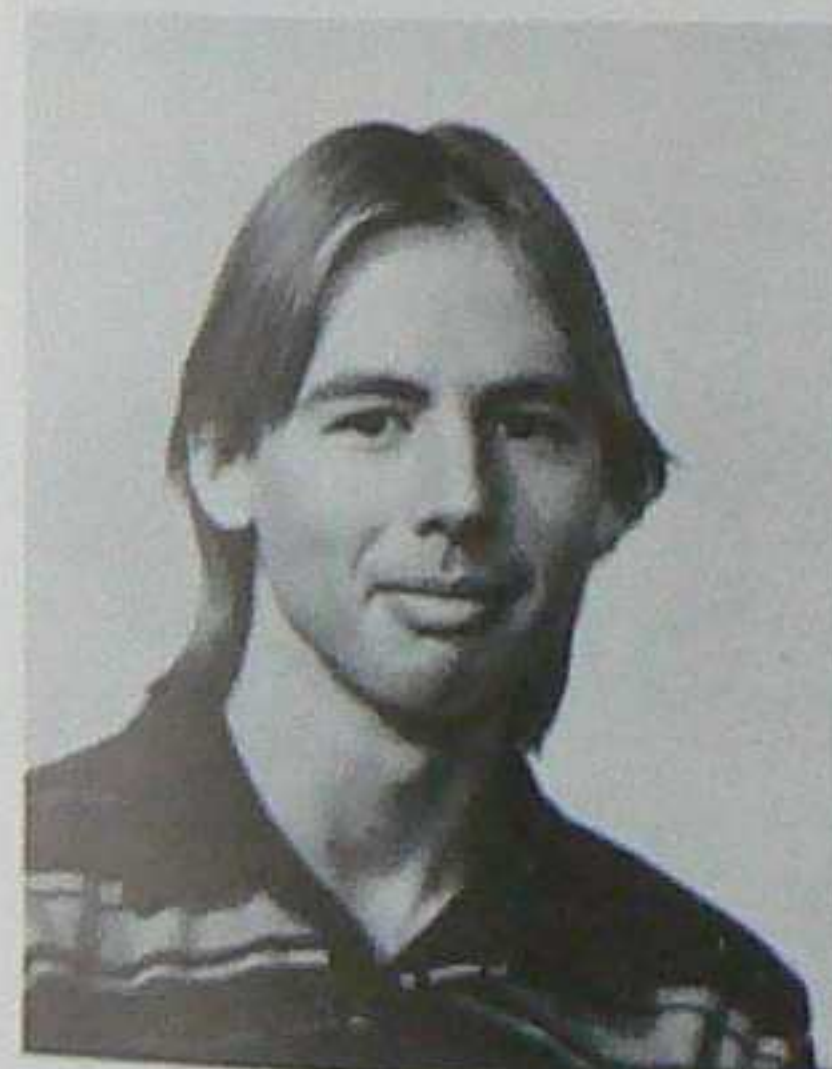
David Farrar

Frank Feather

Steve Finley



Vicki Floyd



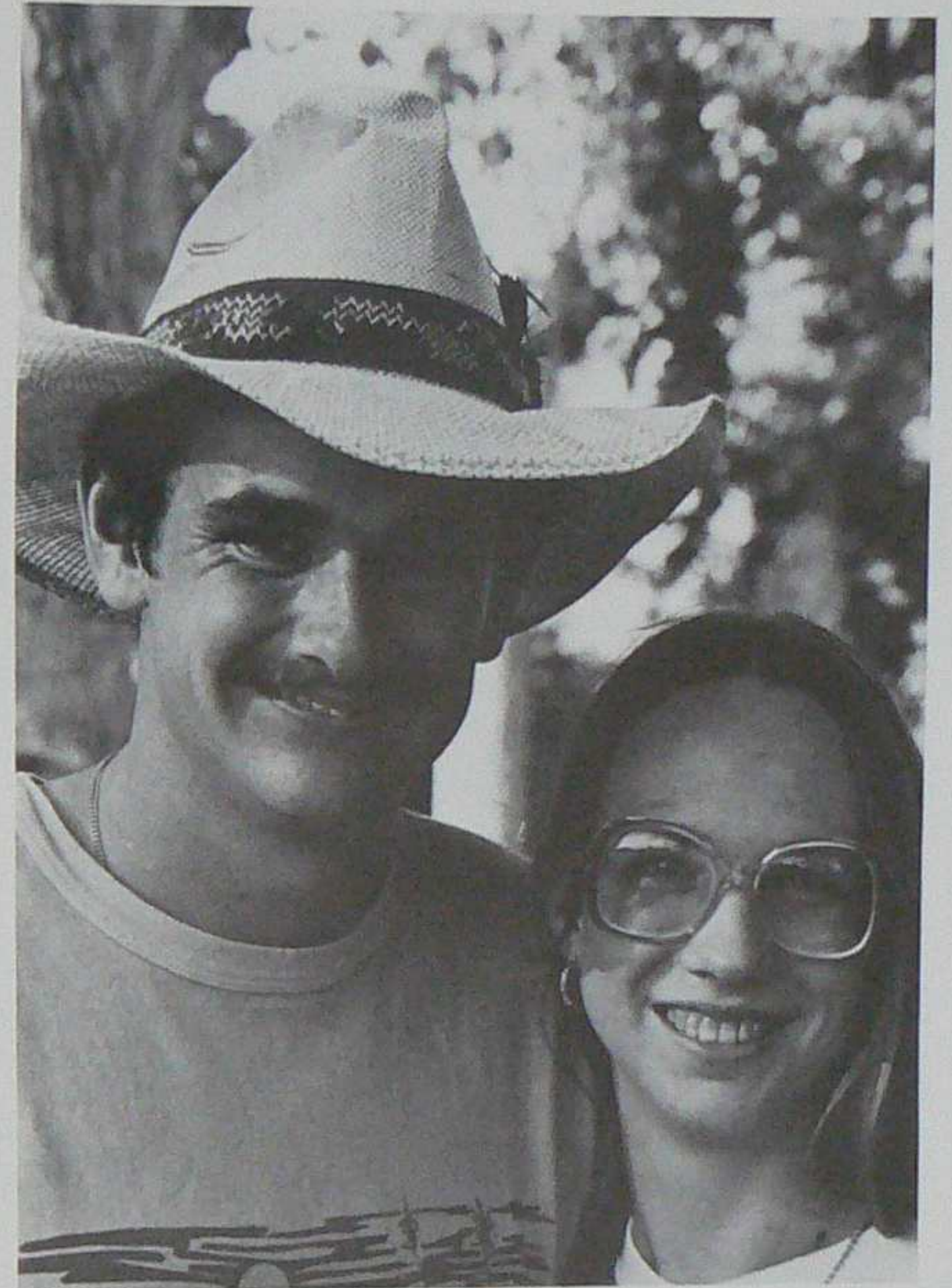
Hugh Florence



Martha Ford

Juan Freites

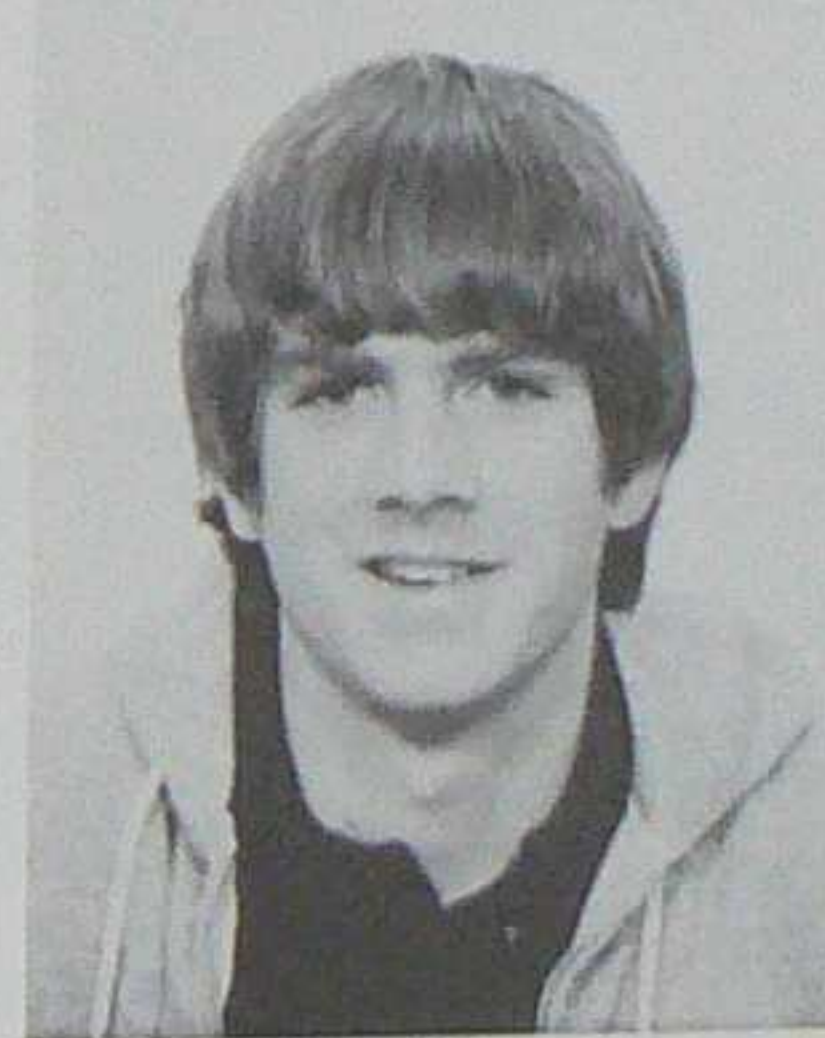
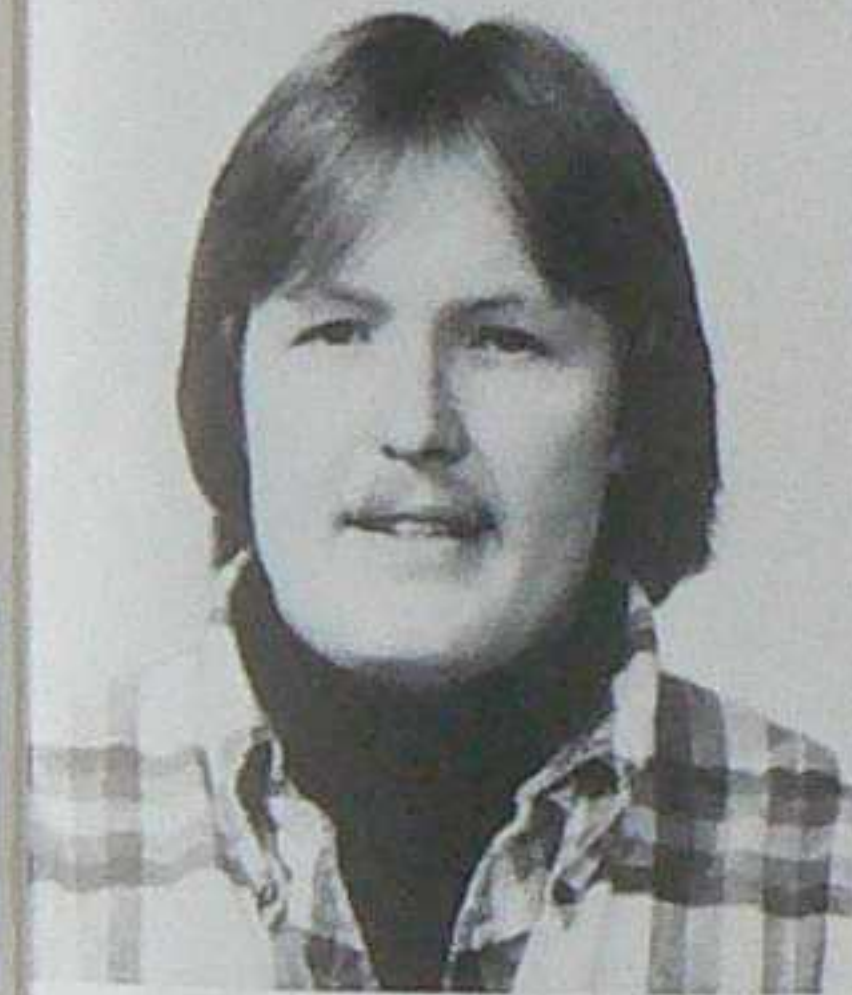
Joe Fryer



Junko Fukuda

Jeff Gabel

Robert L. Gallagher



Robert Garcia

Ted Garland

Jill Garlough

Bill Ginty

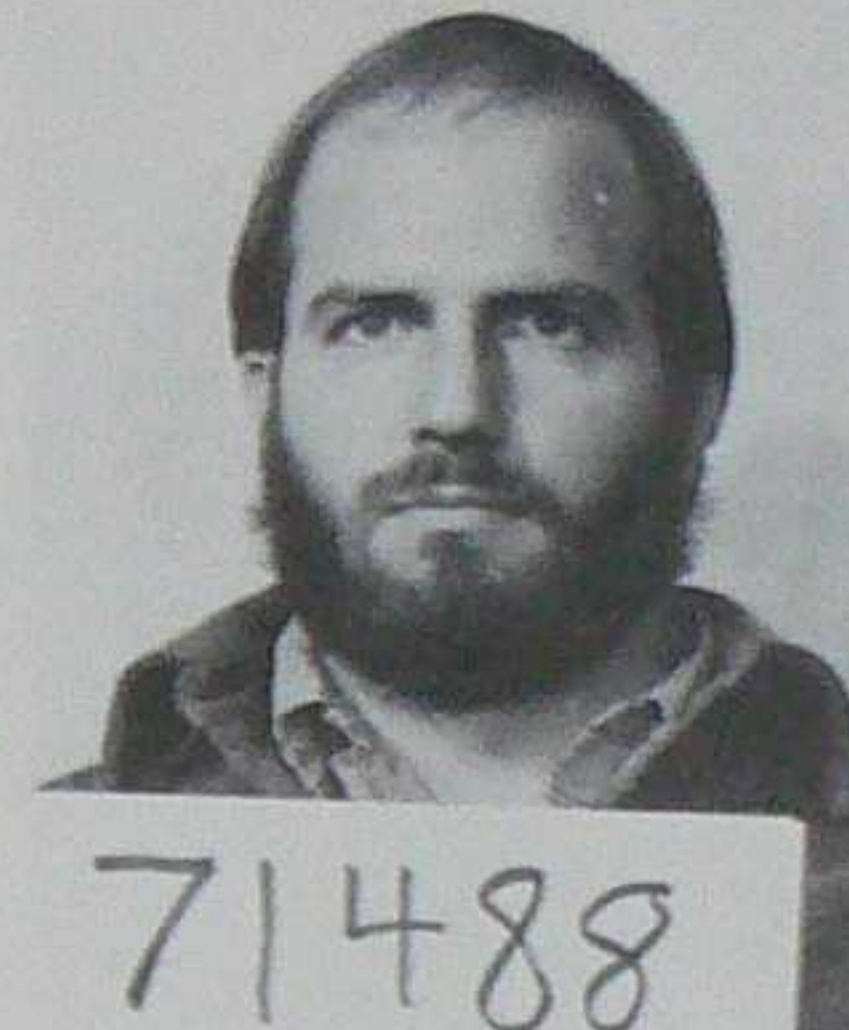
Tim Glesson

Charles Goecke

Mitch Goldberg

James Goodman

Gary Gorczyca



Mark Goudy

Bobby Graham

Mark Gray



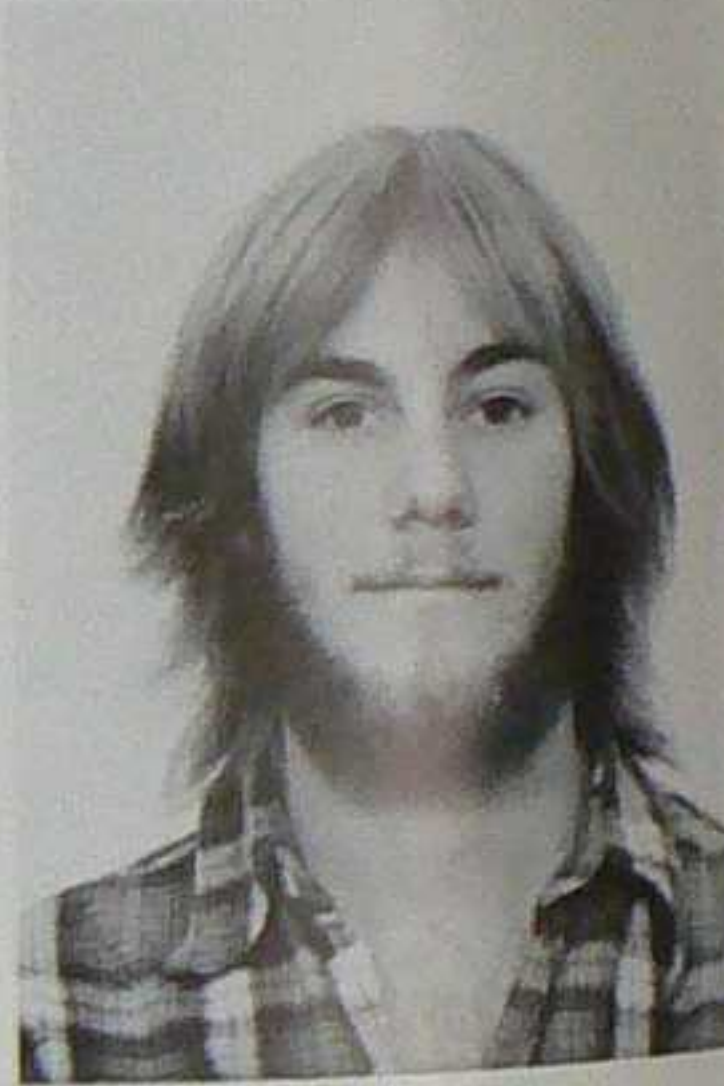
Glen Green

Randi Griffin

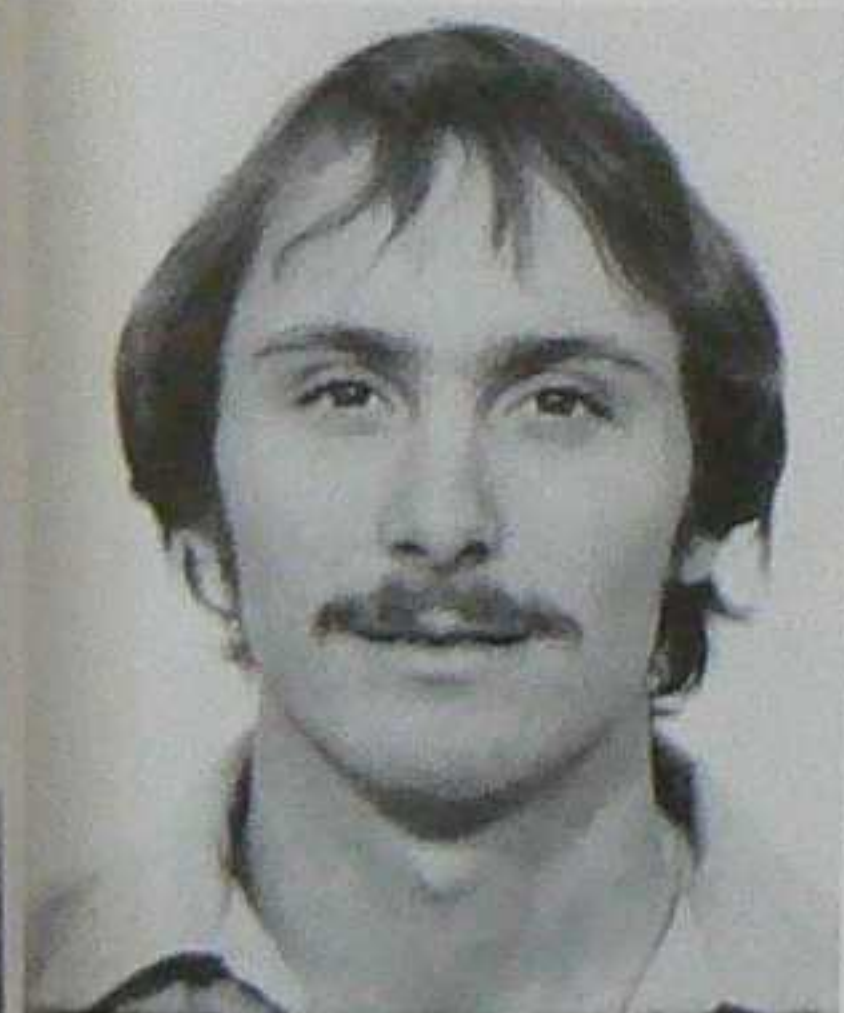
Jim Griswold



John Guranich
Daniel Hachigian
Kristin Hafterson



Mark Hahn
Ron Hammarstrom
Lee Hargis & Cassie

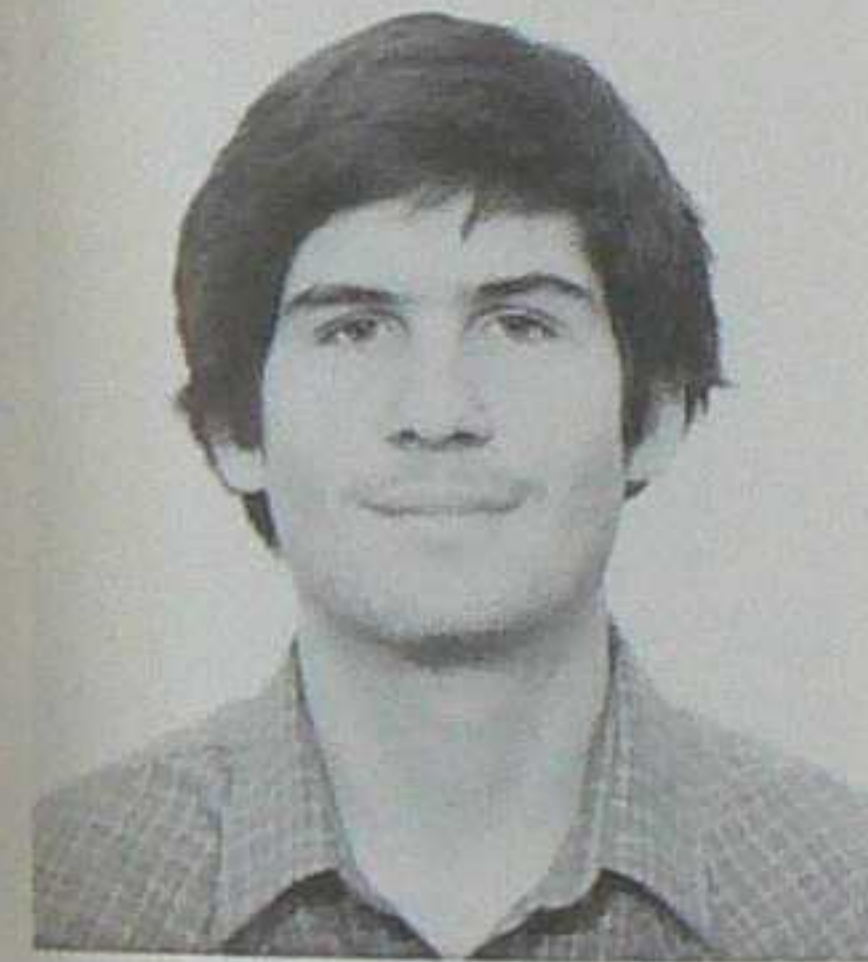
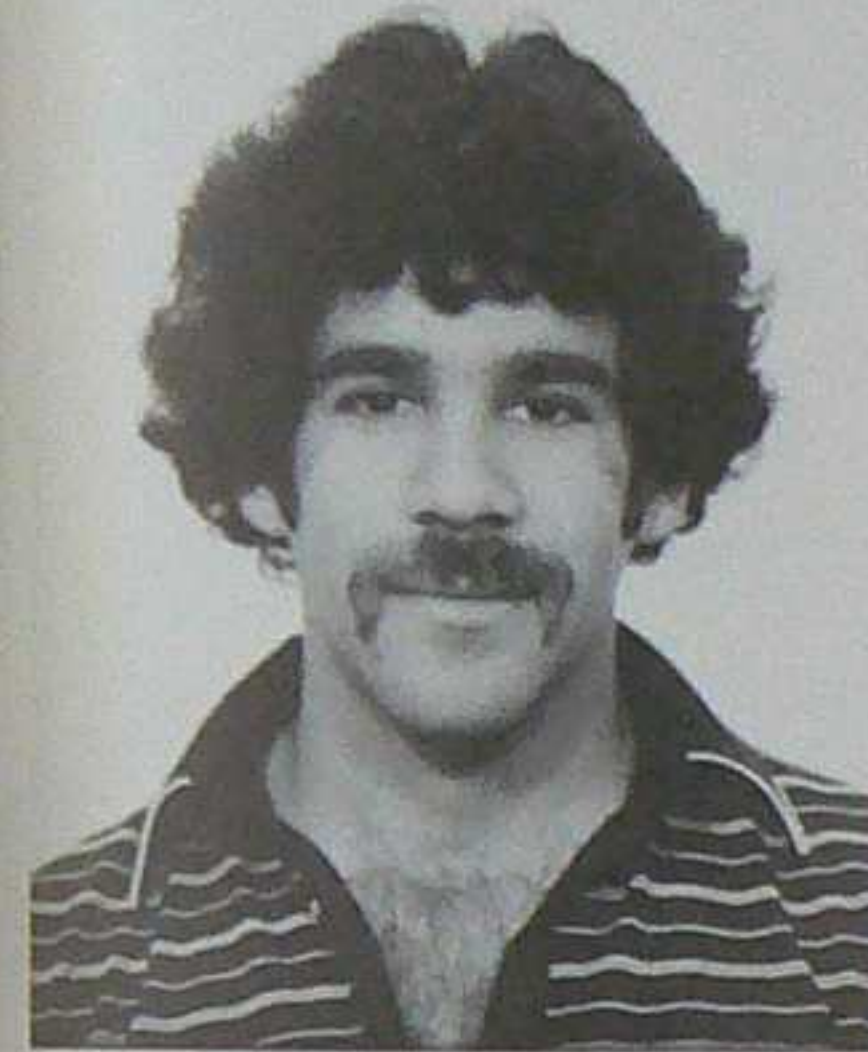


Patrick Haynes
Steven Henry
Shirleen Hicks

Karelyn Hoover

Richard Hughes

Manuel Reinaldo Hurtado



Karen Ingram

David Jenkins

Arthur Johnston

Dave Kapitan

Mehdi Karimi

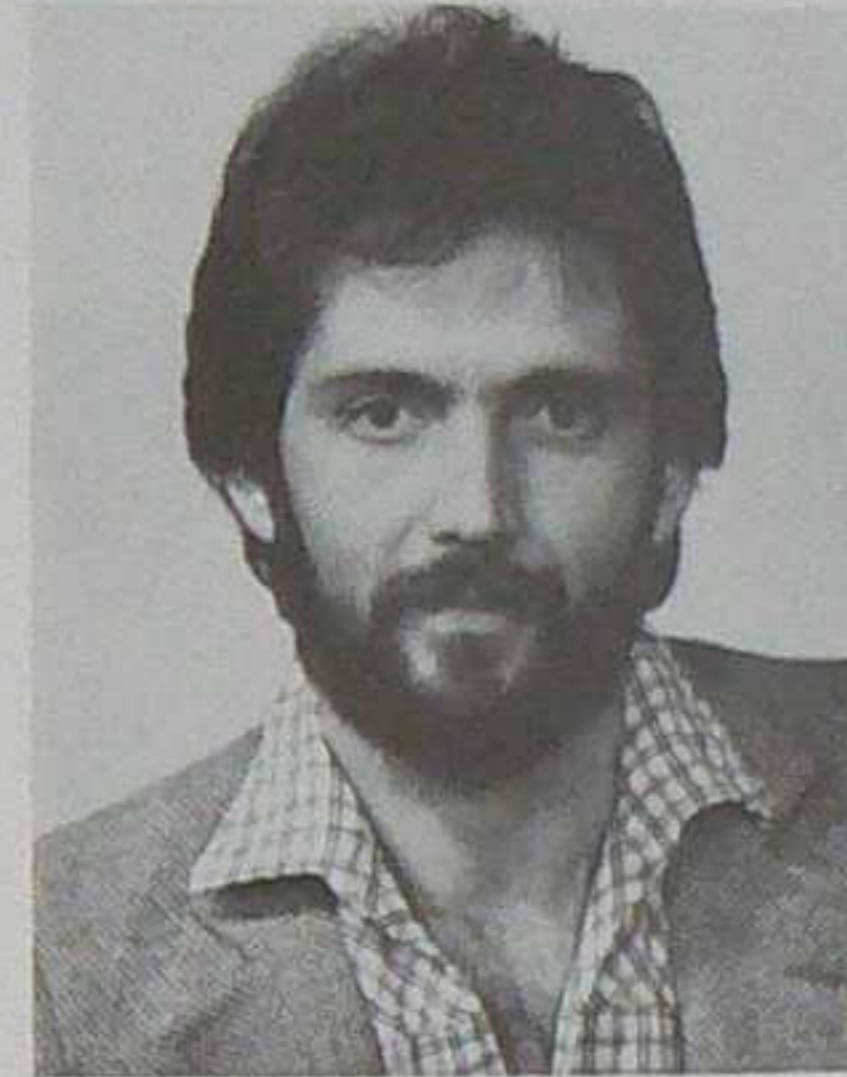


Todd Kay

Betsy Keecker

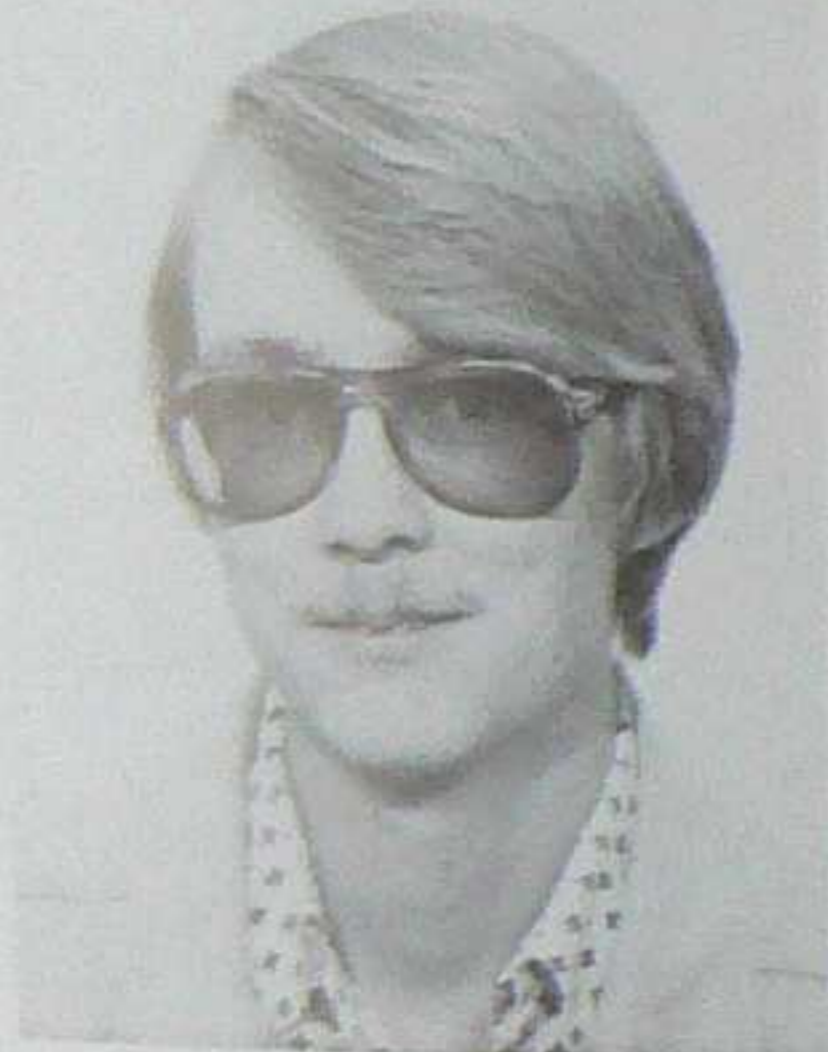
Kevin "Elmer" Kelley

Jeff Kennedy



William Keys

Mohammad Khavar



Paul Kiecka

Jack Kinhead

Karin Knowles

Julie Kowein

Carla Kreger

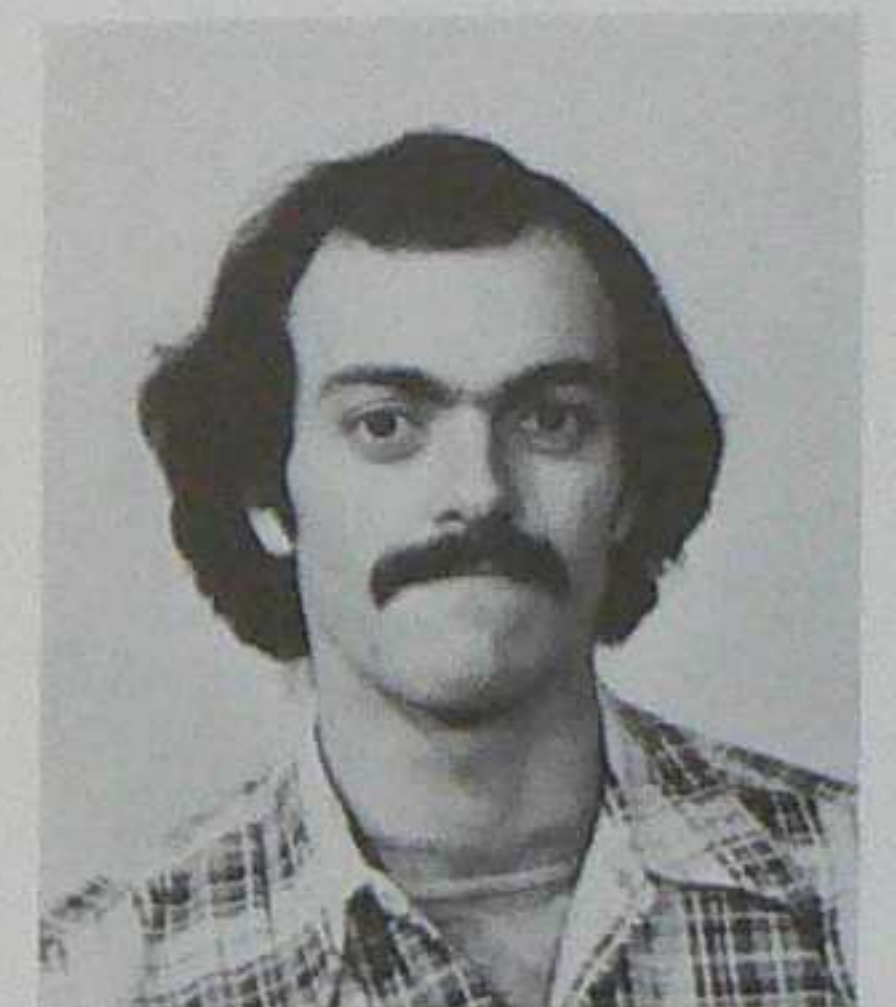
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Kay Kuhlmeier

Paul Kuoerzer

Donna Kuklinski

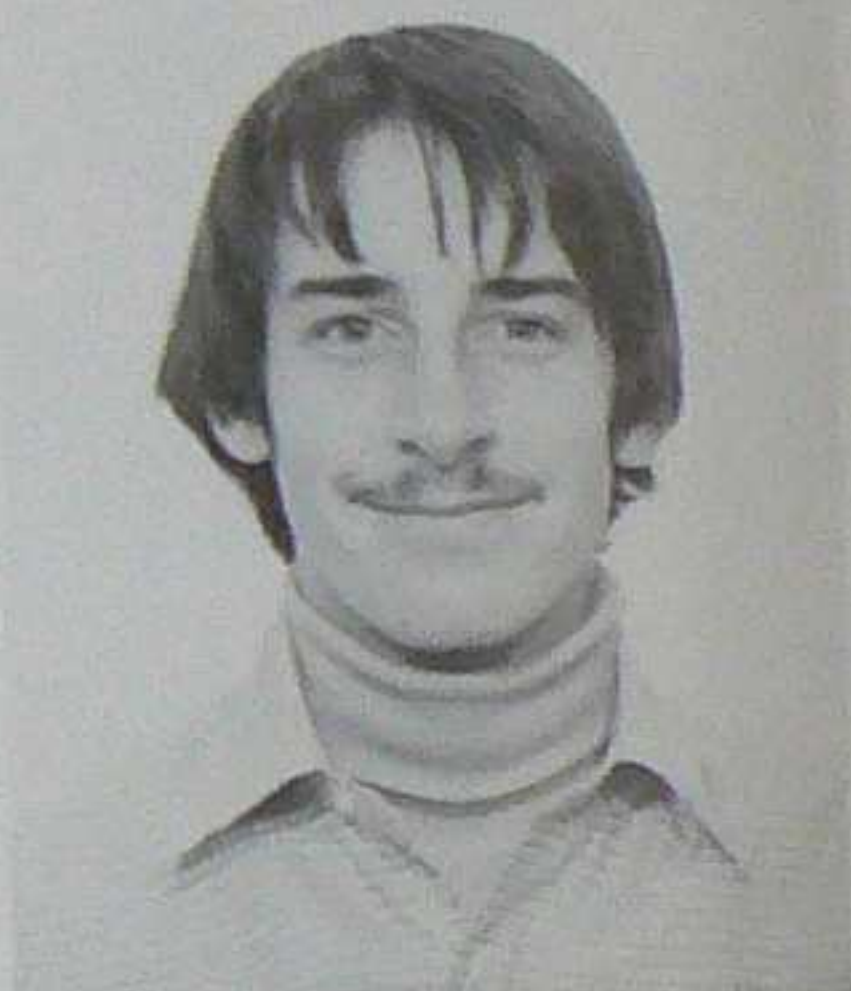
Charlie LaCerra



Johnny R. Laguna

Michael Lane

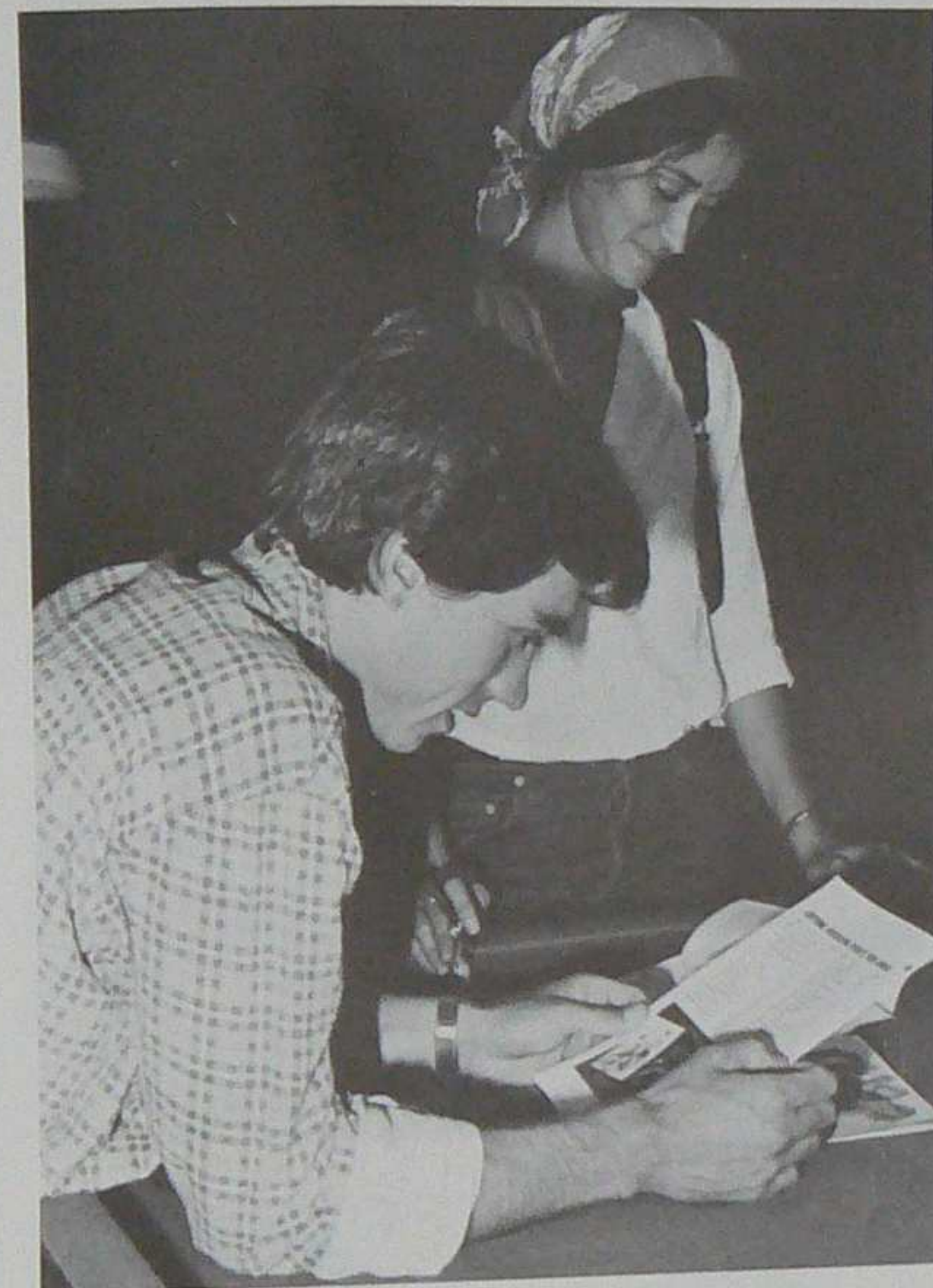
Tracy Lasater



Le Huu Nghia

Jeff Leaf

David Lee



Lew Lefton

Mark Leo

Roxana H. Lewis



Lendy Lewis

Lisa R. Lewis

Larry Lewis



Andrew Lim

Donald Limnios

Johann Lindig

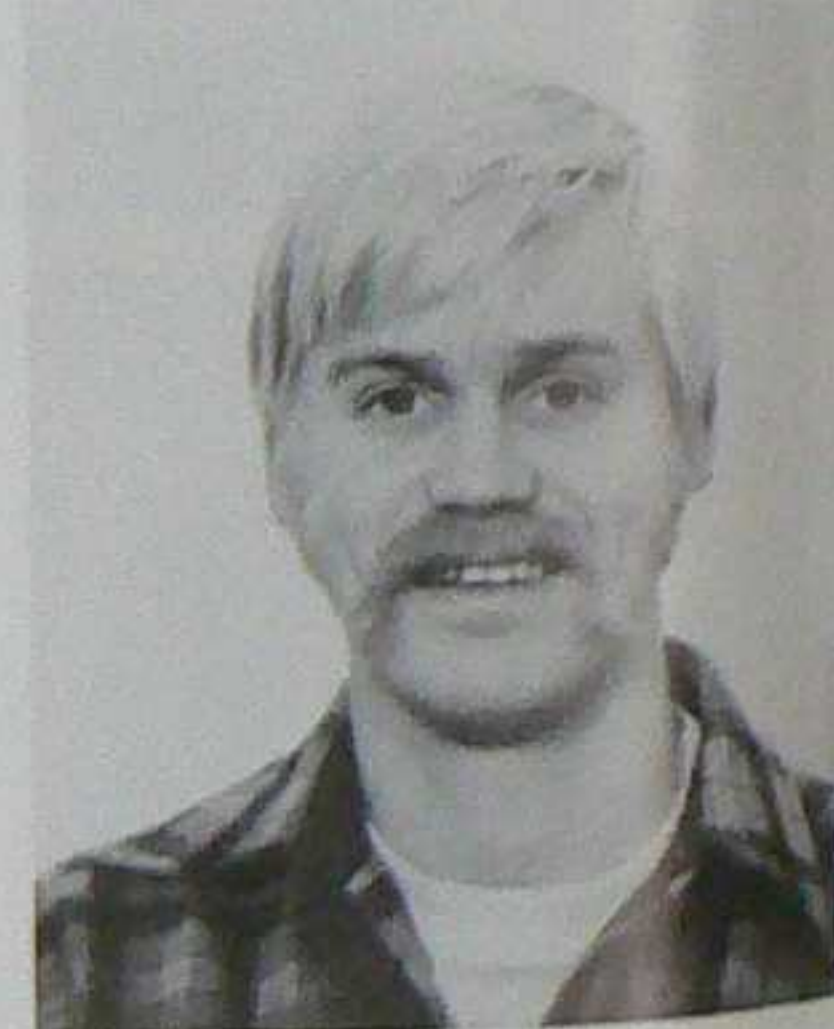
Mikel Lindley

George Llewellyn

Lionel Lopez

Mark Lovell

Estefanita Lujan



Eric Lynam



Sean P. Lynch



Tony MacAluso



Dan Mack



Glenn MacNeil

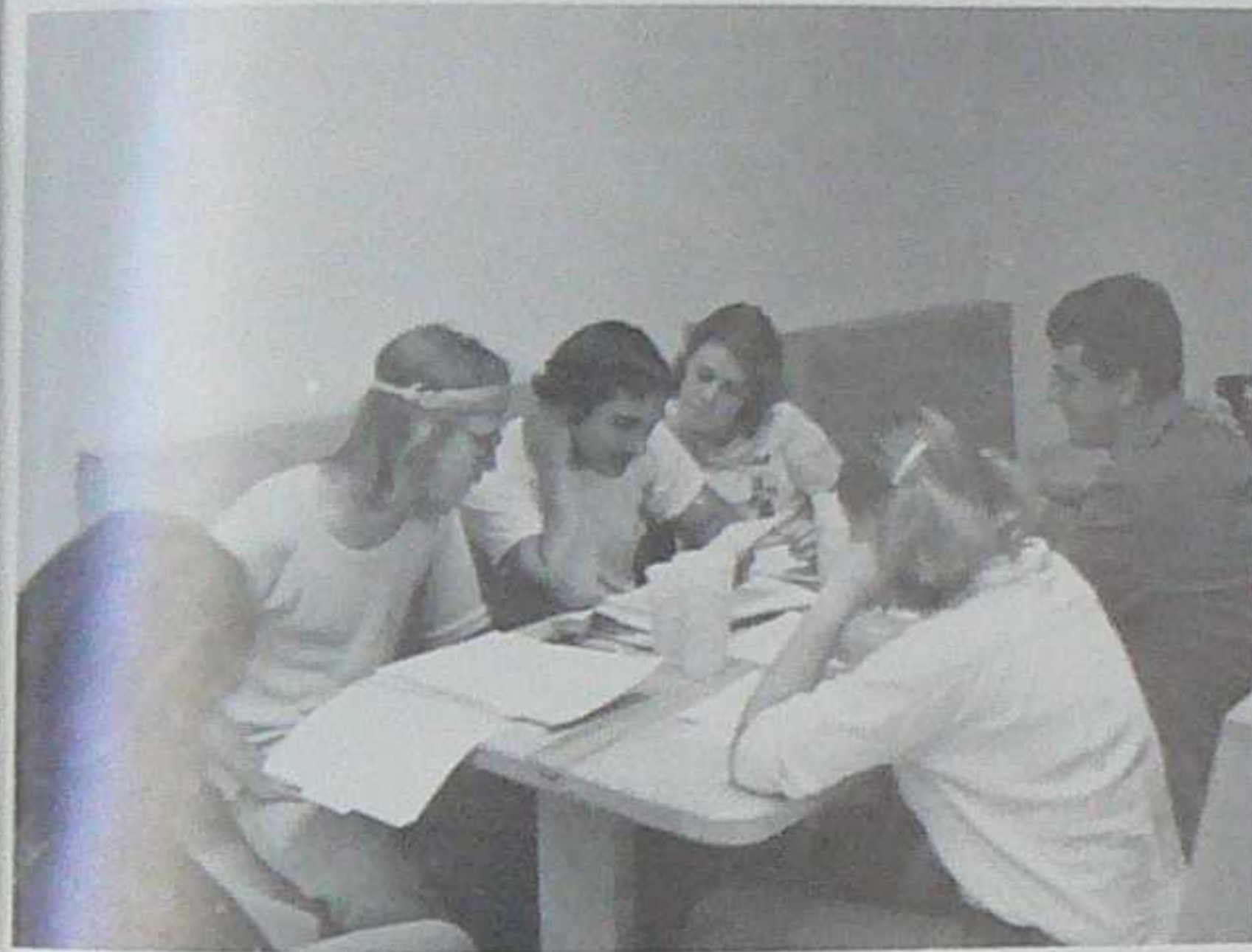
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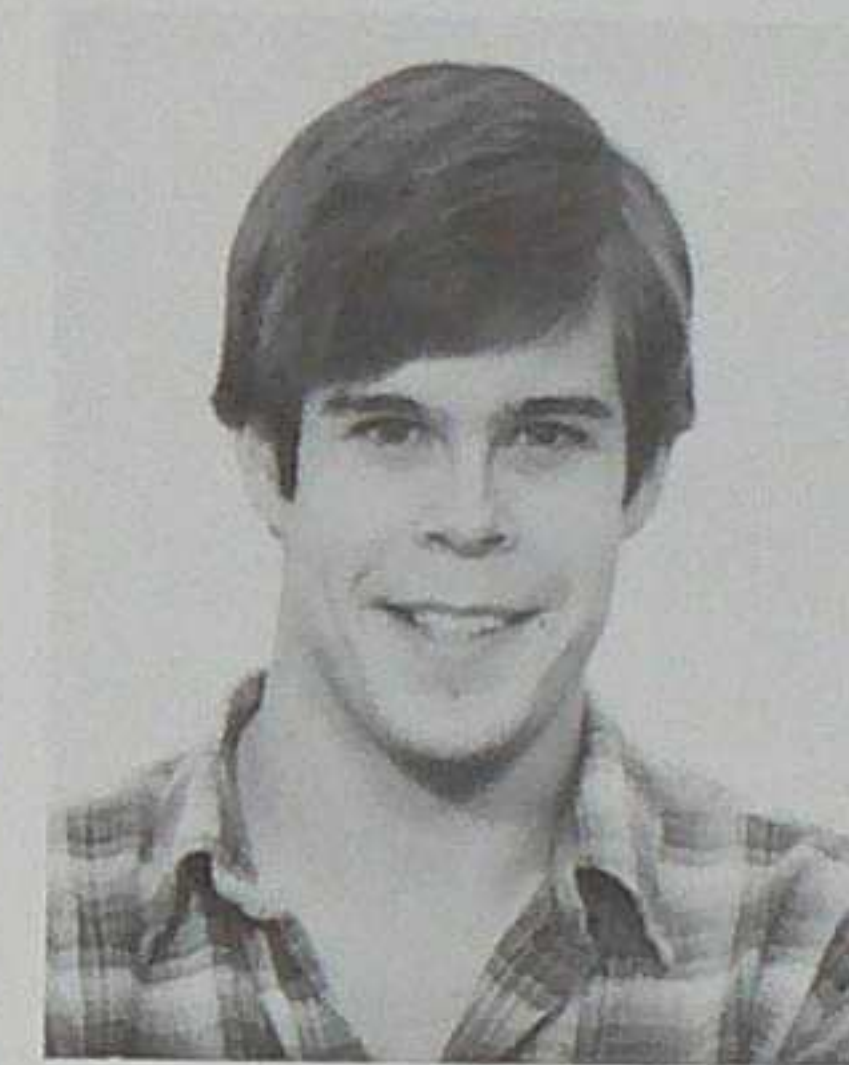
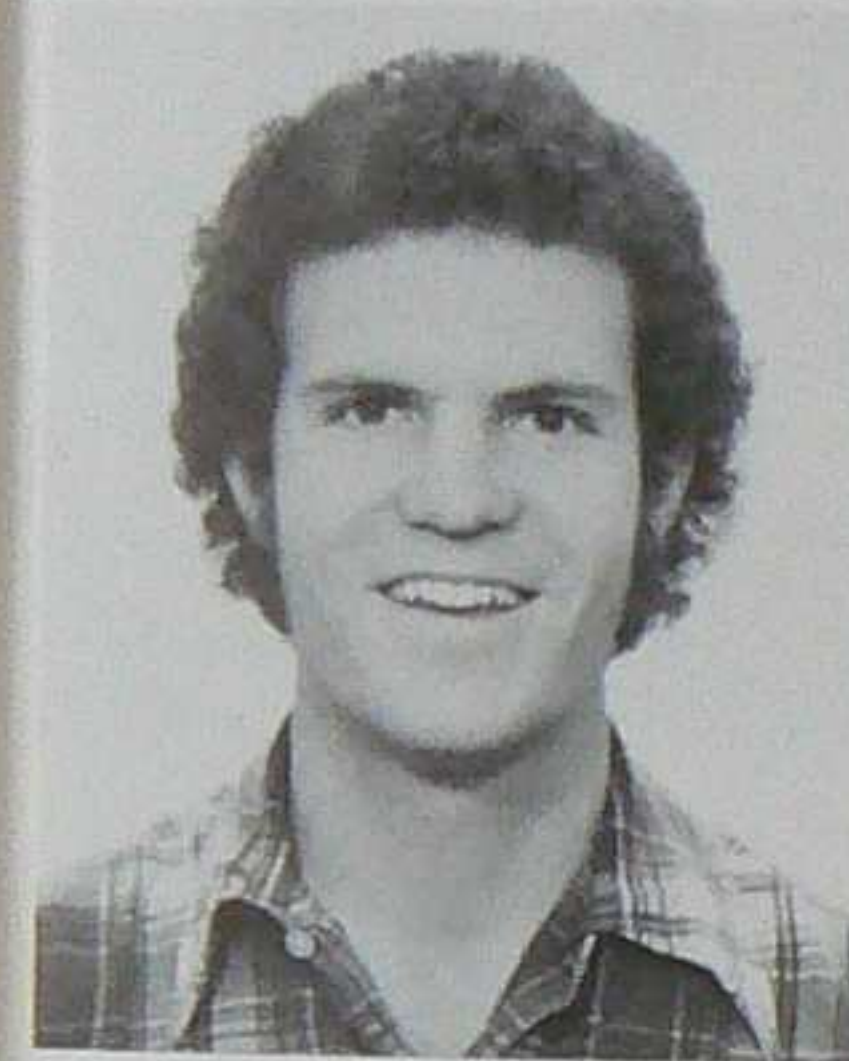
Keith Mailloux

William Manahan

Mark Manson





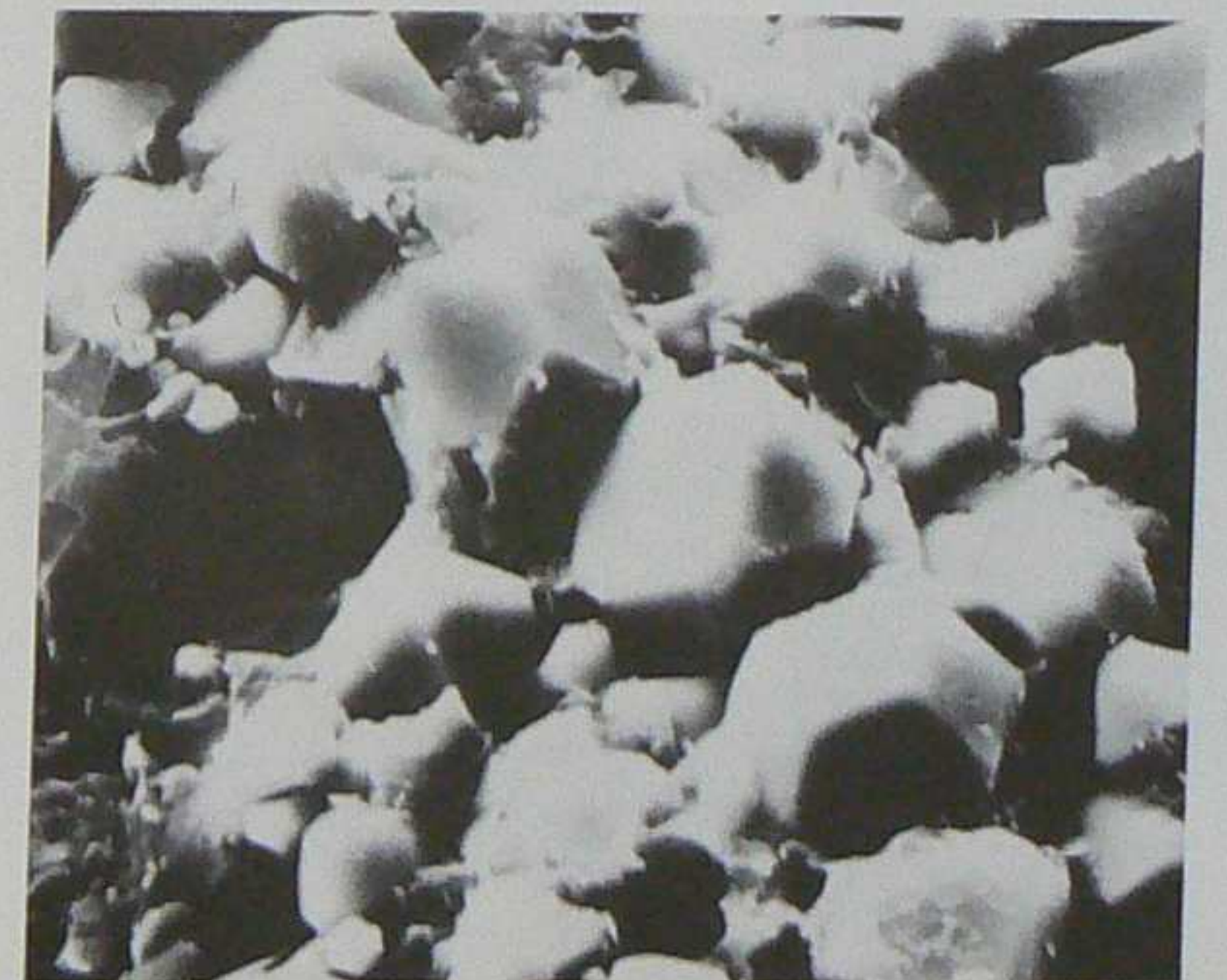


Shirley Marquez
Mark Mason
Pete May



John Mayhew
Daniel McDonough
Mehravar Ali Akbar
Amy Miller
James Mims

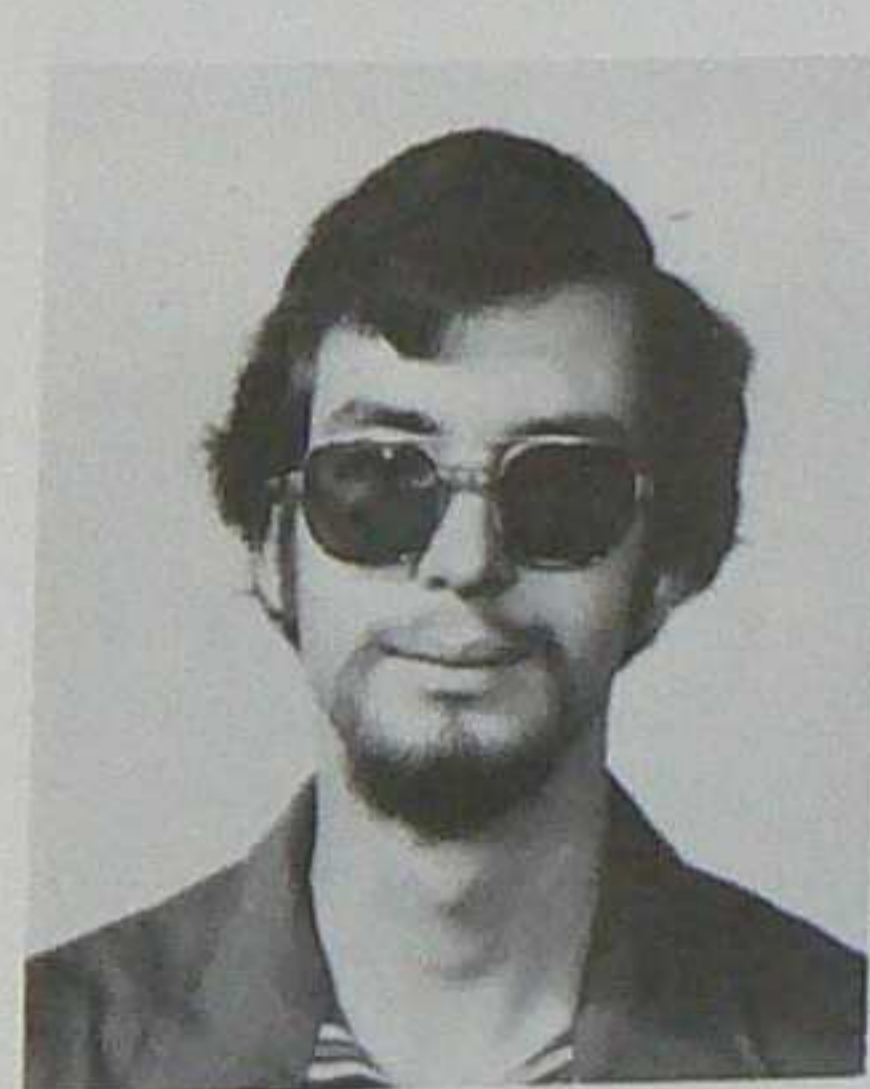
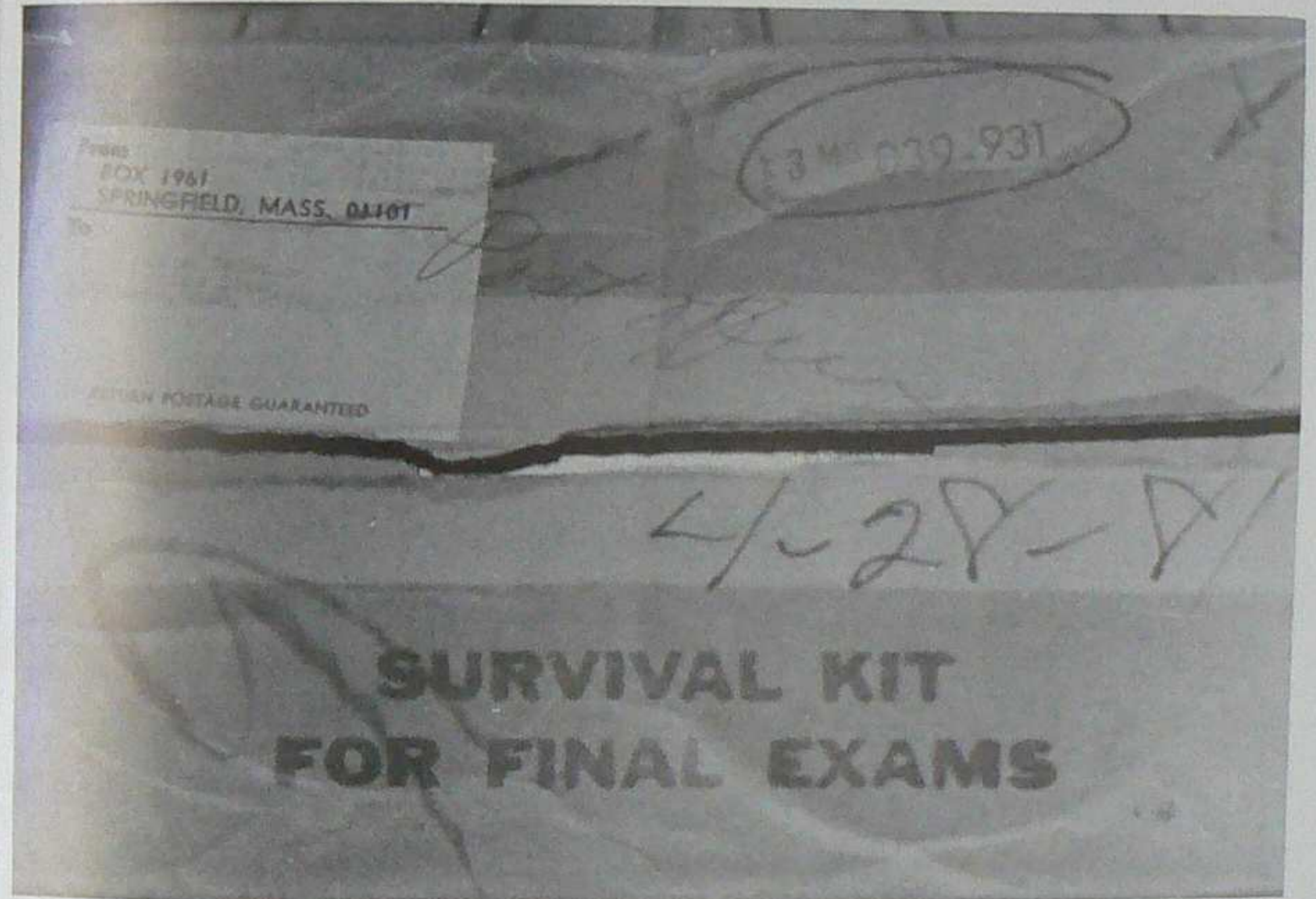
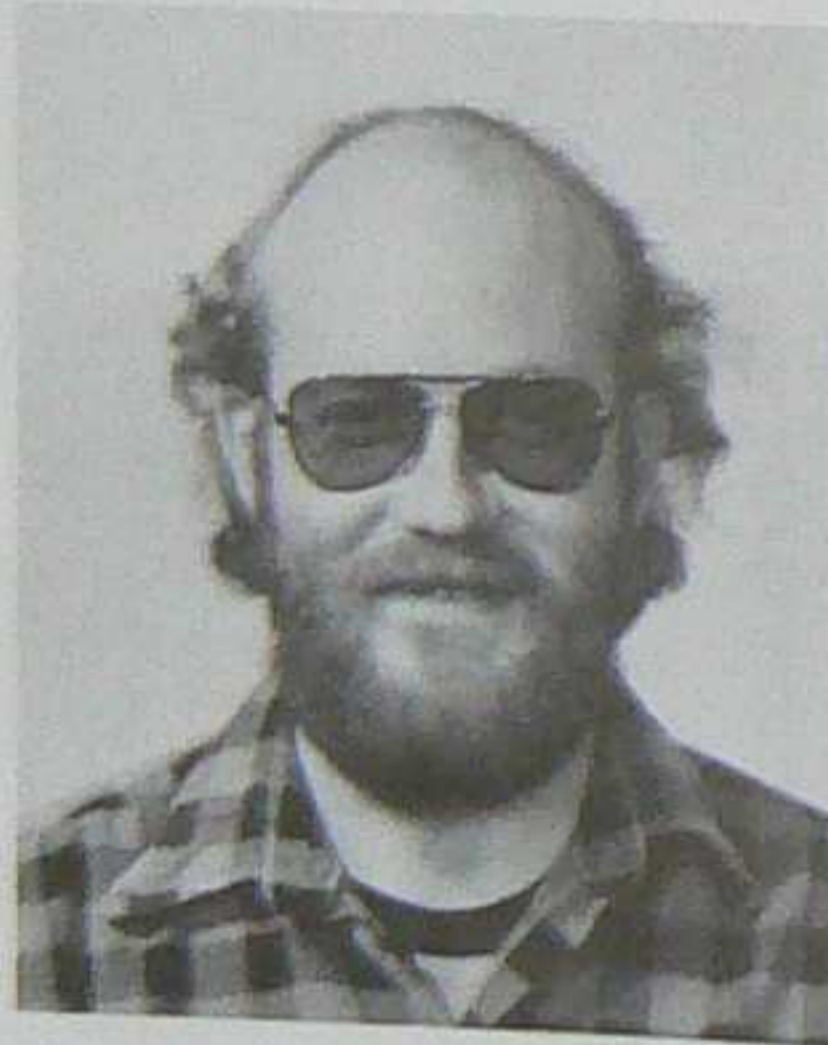
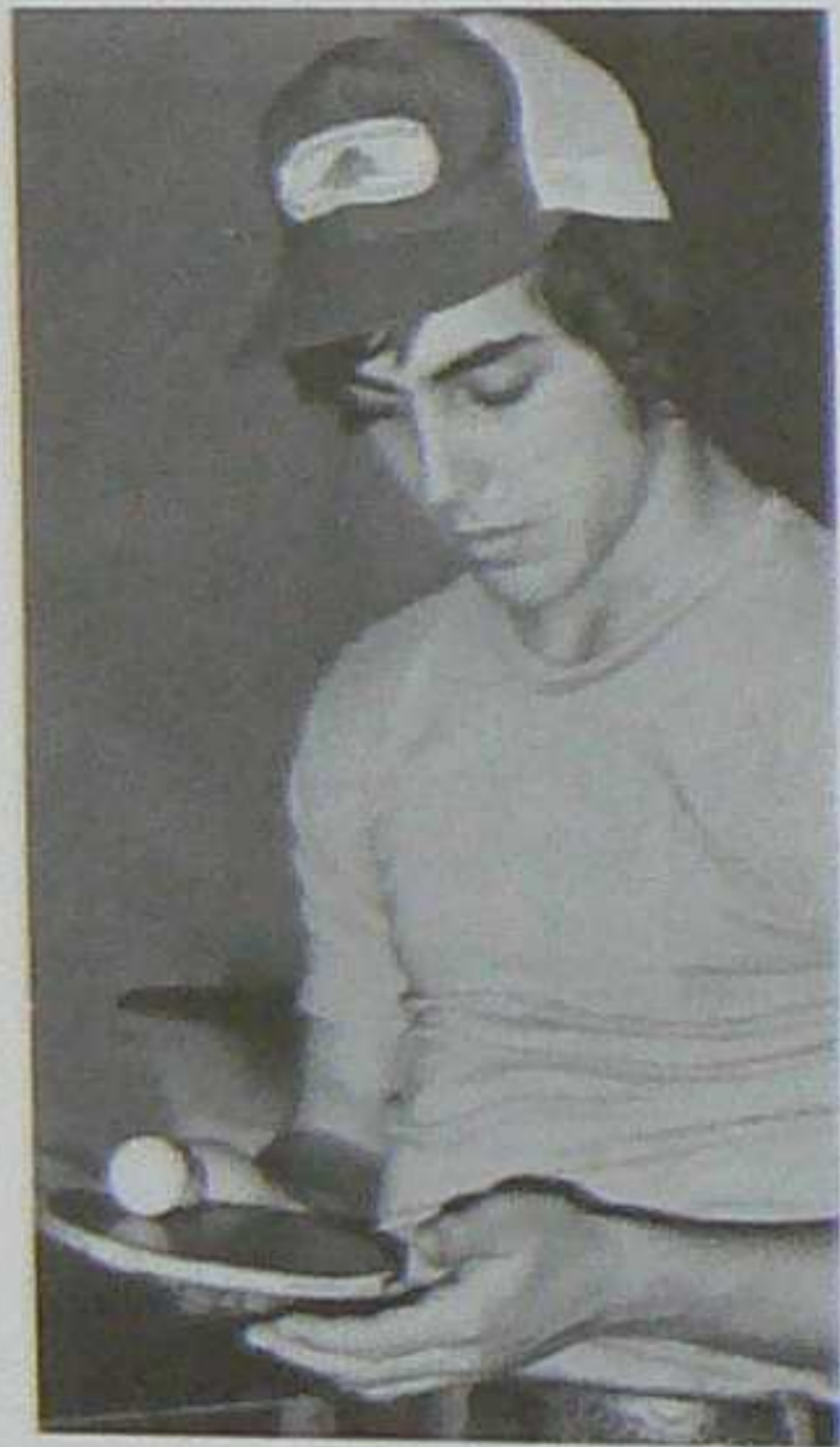
Mary Minor
Joey Miracle
Milton Miranda



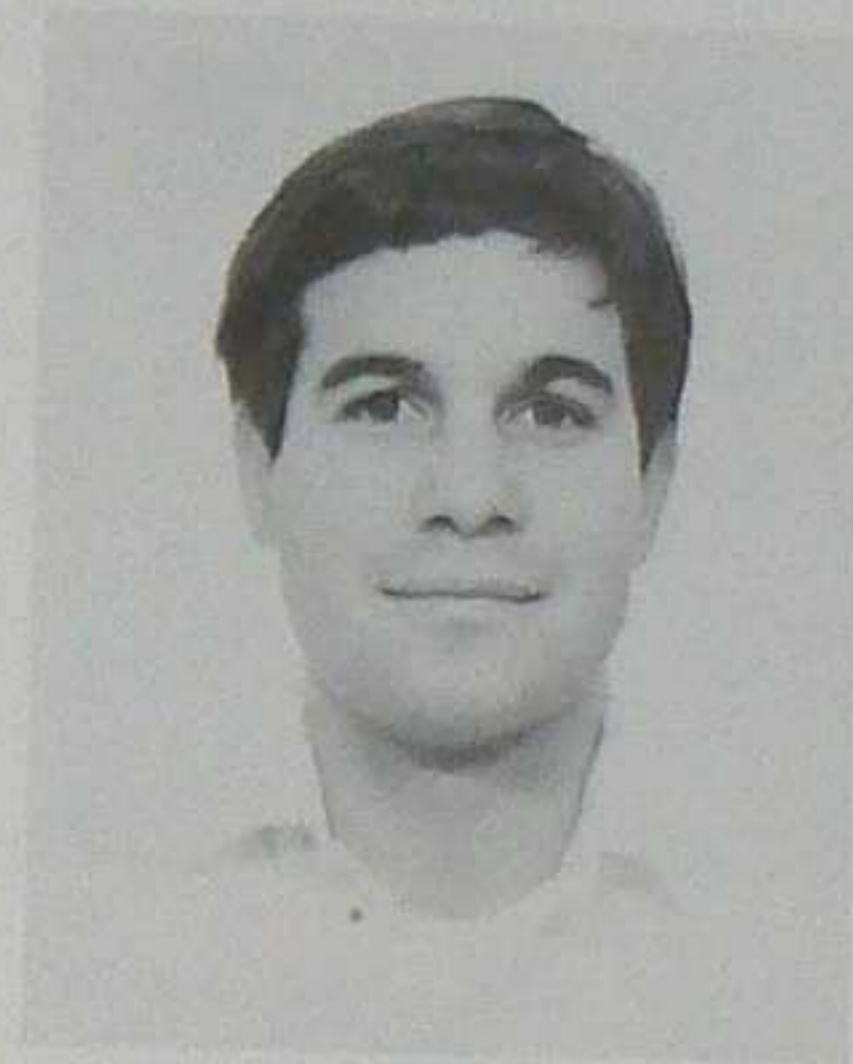
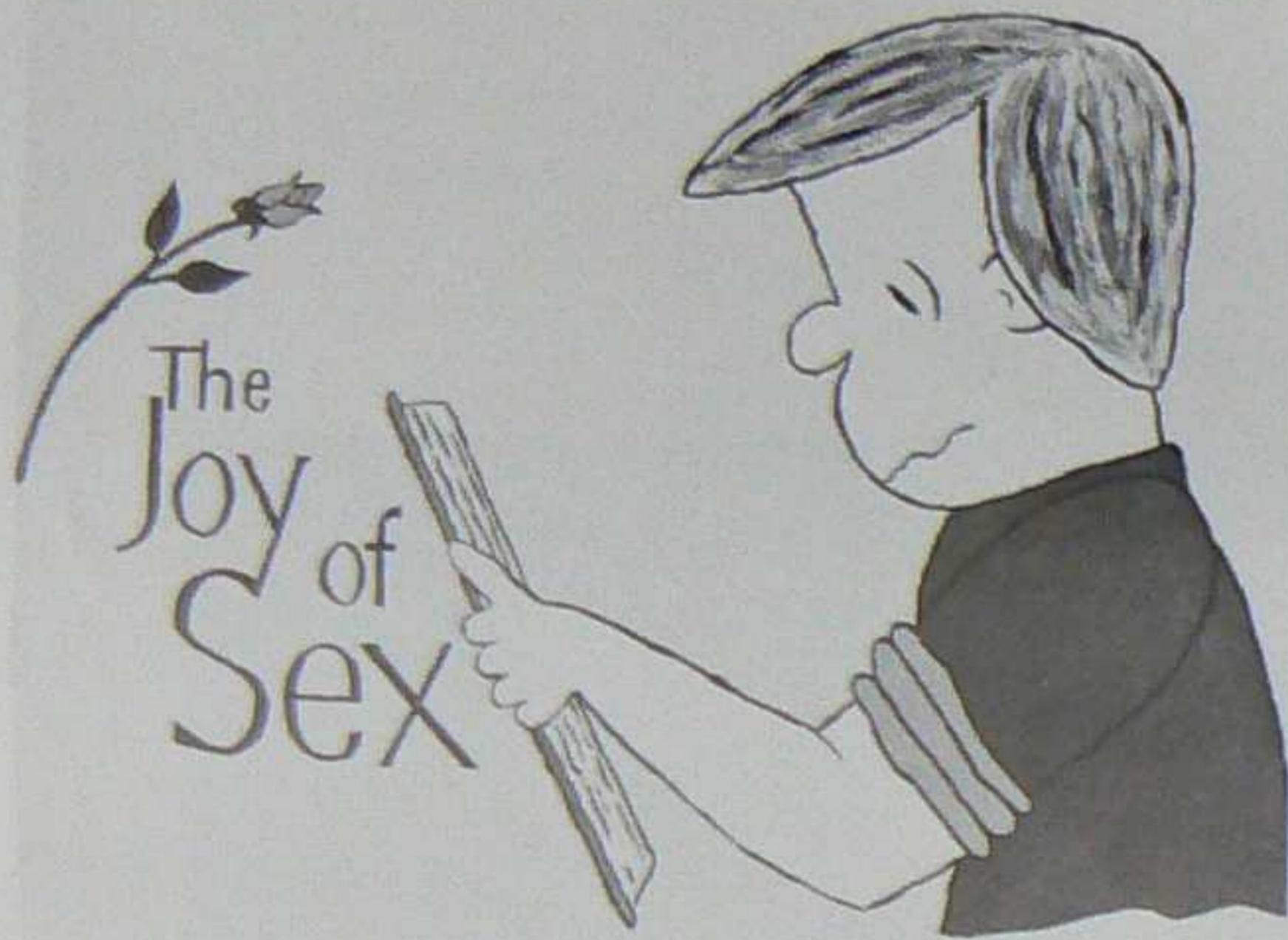
Navid Mojtabai
Paul Moore



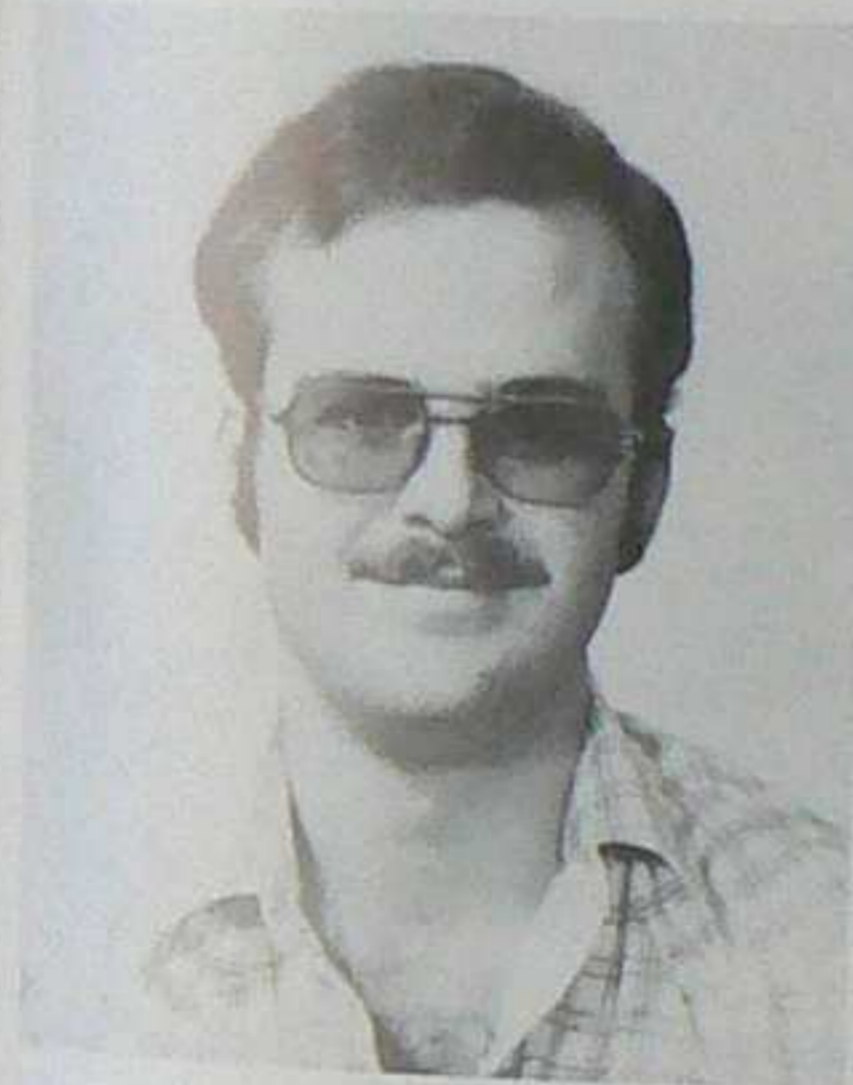
Denise Mora
Ted Morgan



Barry Morrison
Diane Murray
James Needham
Lynn Neergaard

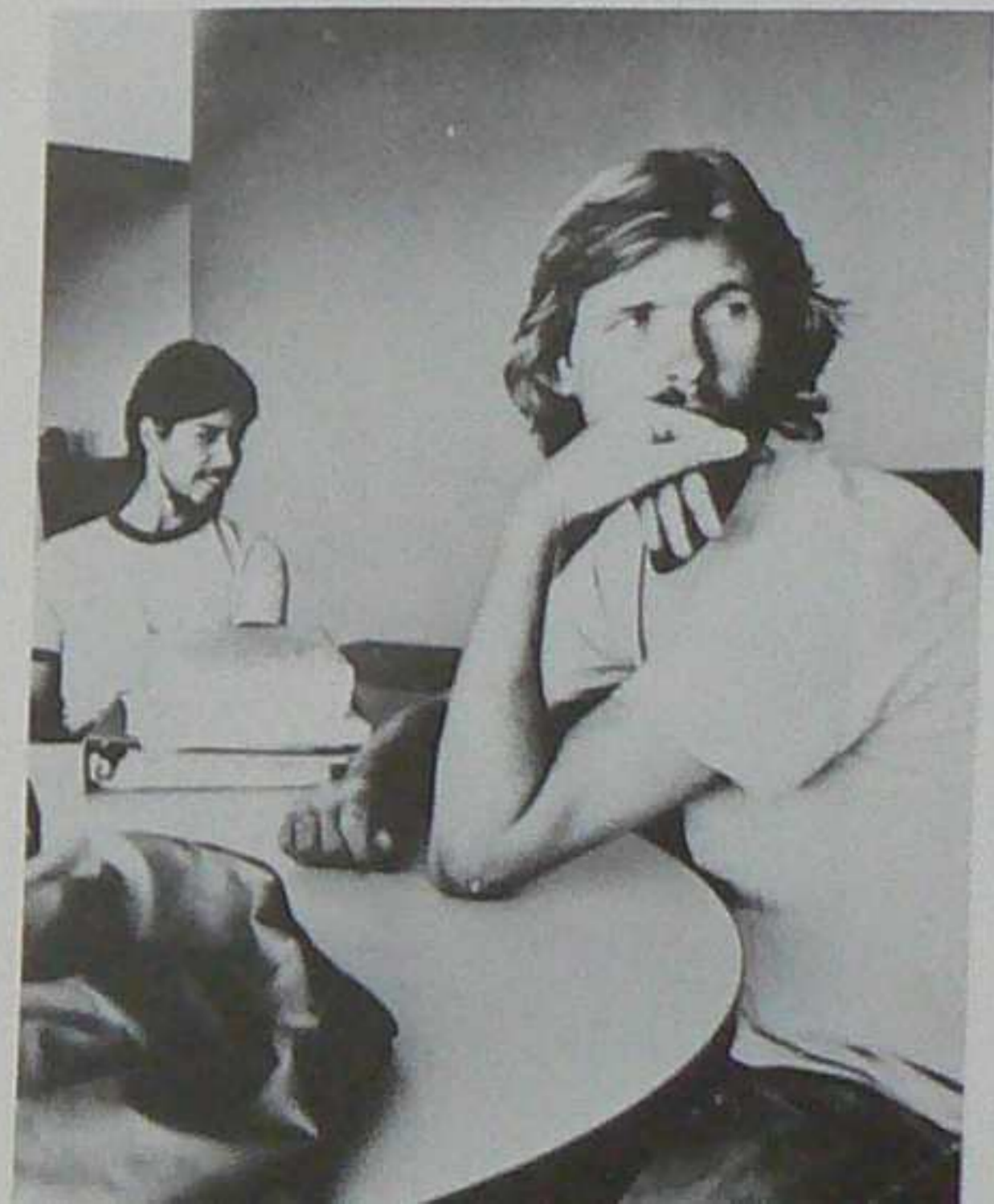
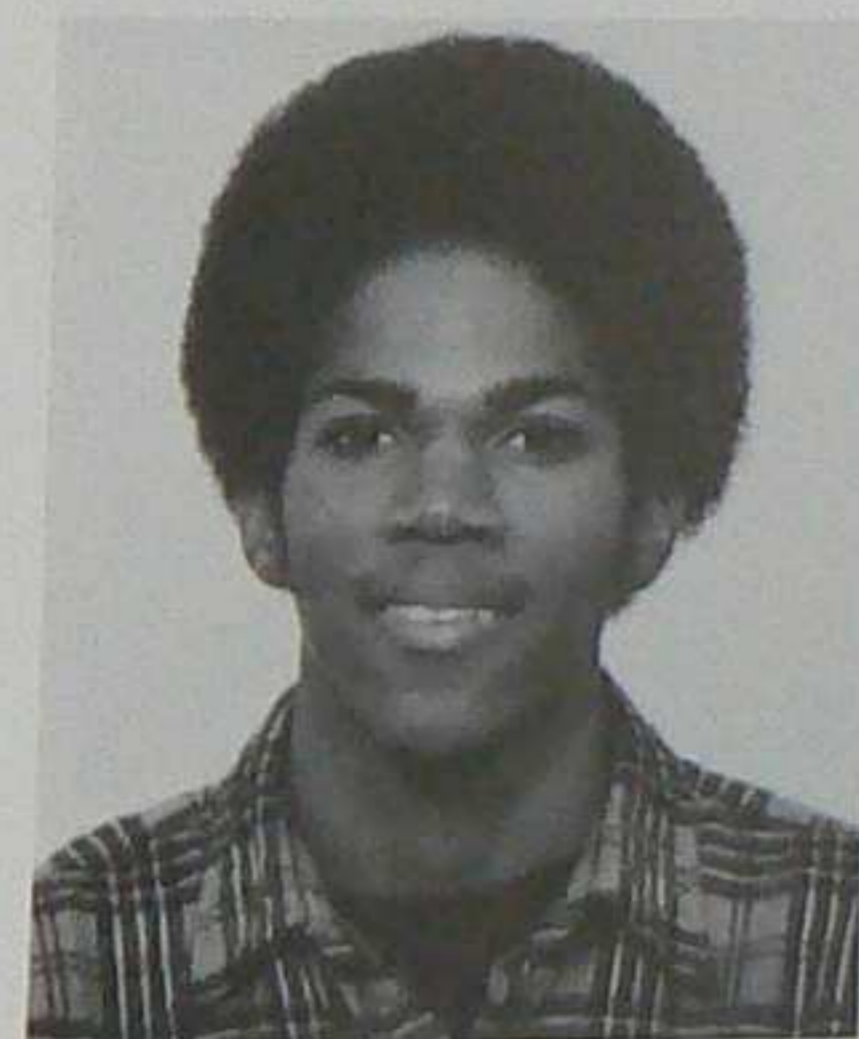


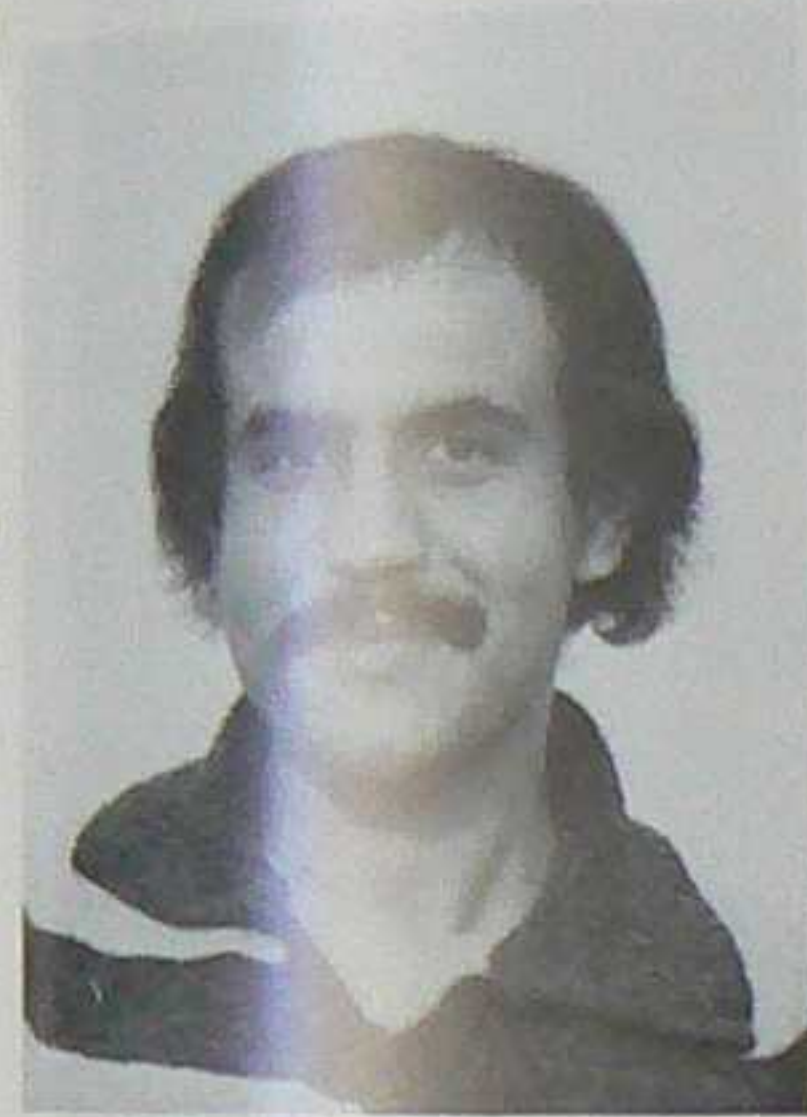
Nguyen Thanh
Andrew Orlicky
Mike Ortiz



Jean Packard
Lori Packard
Heidi Parsons
David Pellatz
Ann Perry

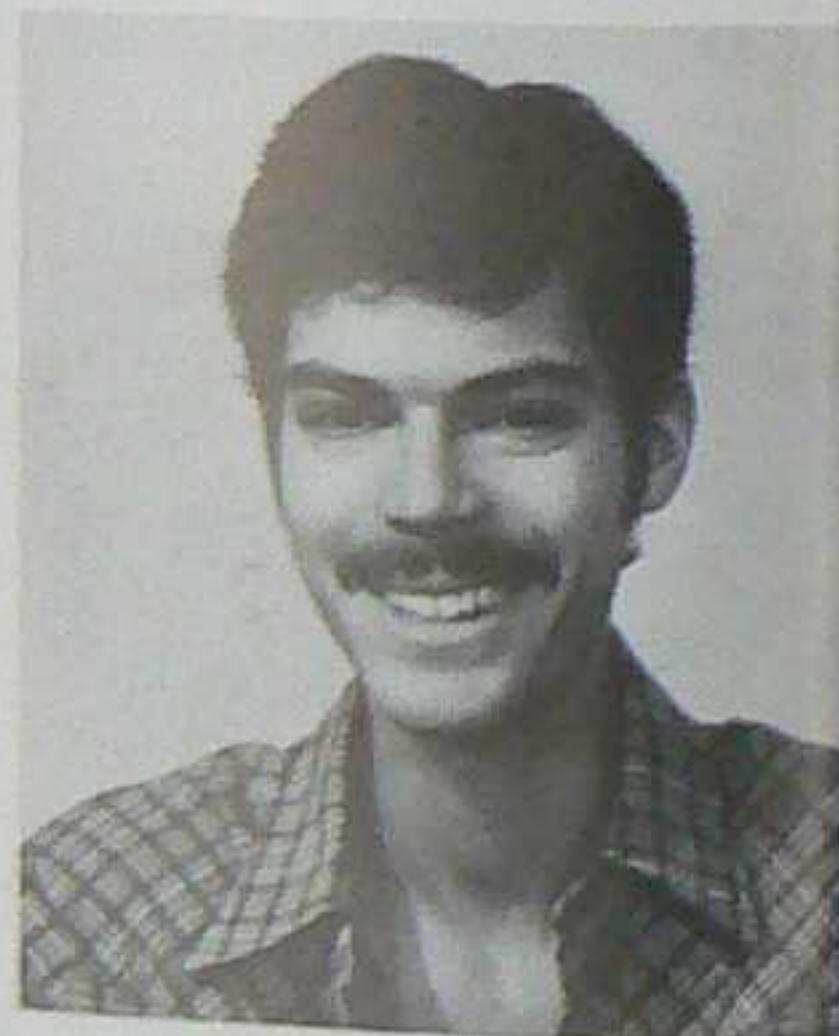
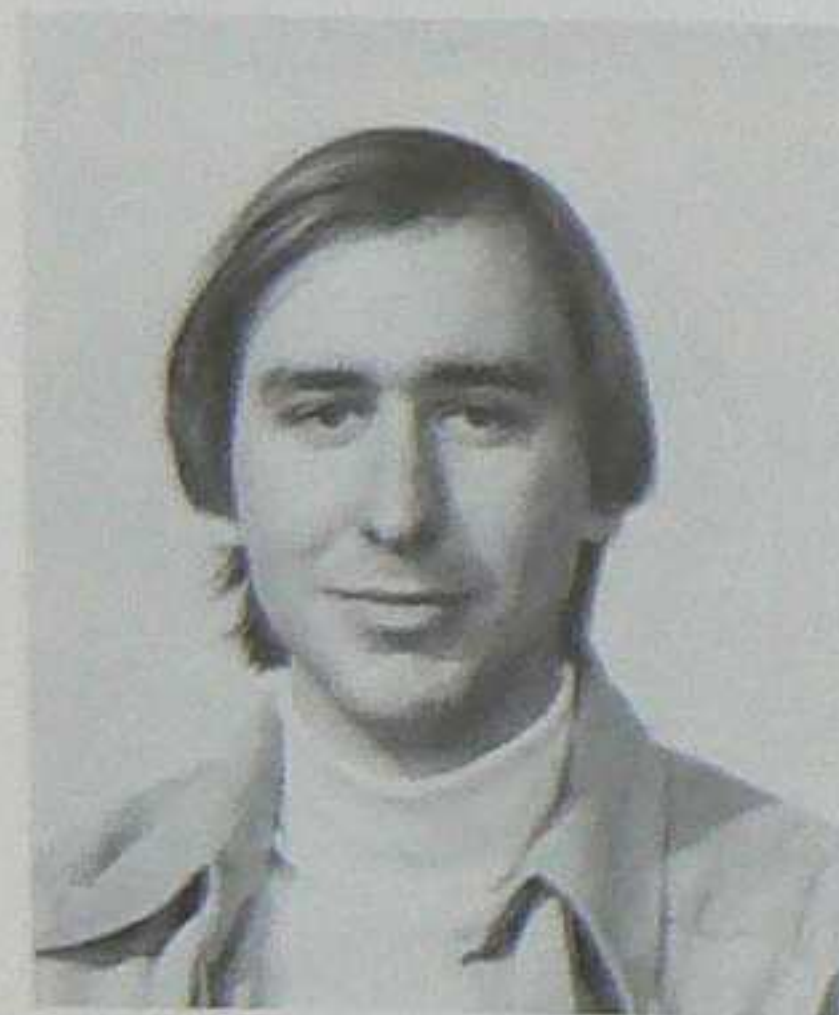
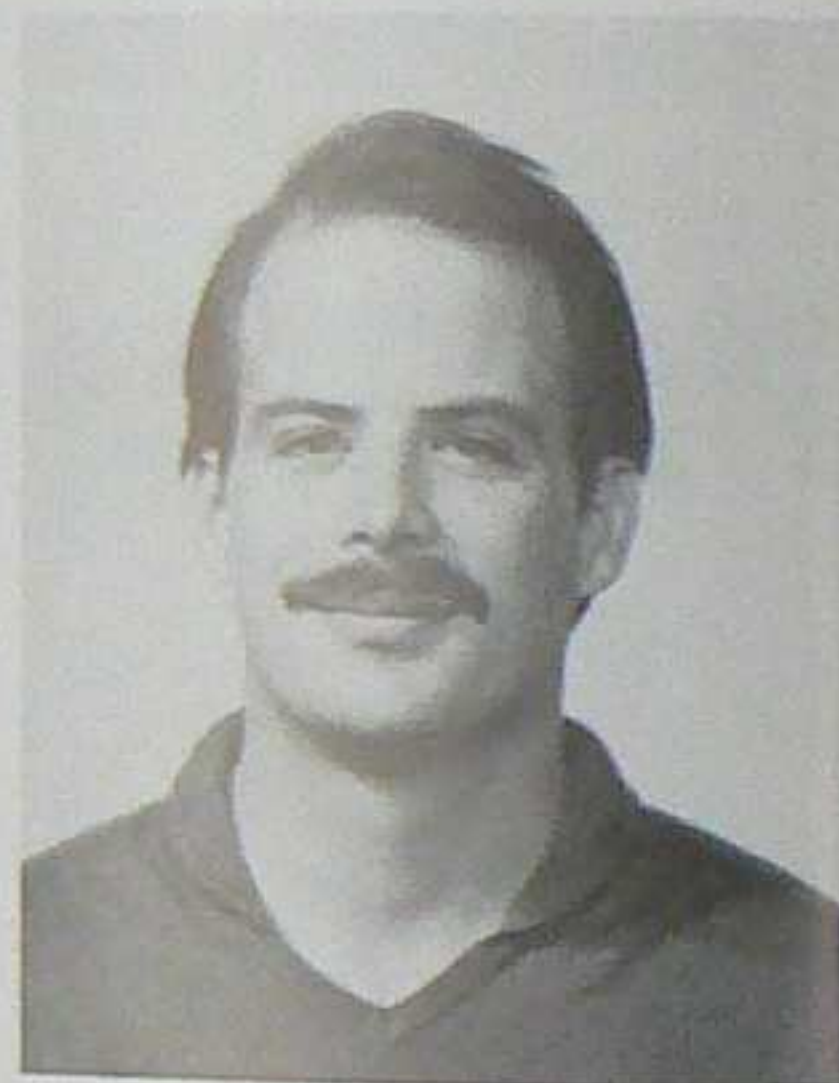
Kevin Plesa
John Polzer
Robert Polzer
Derek R. Prince





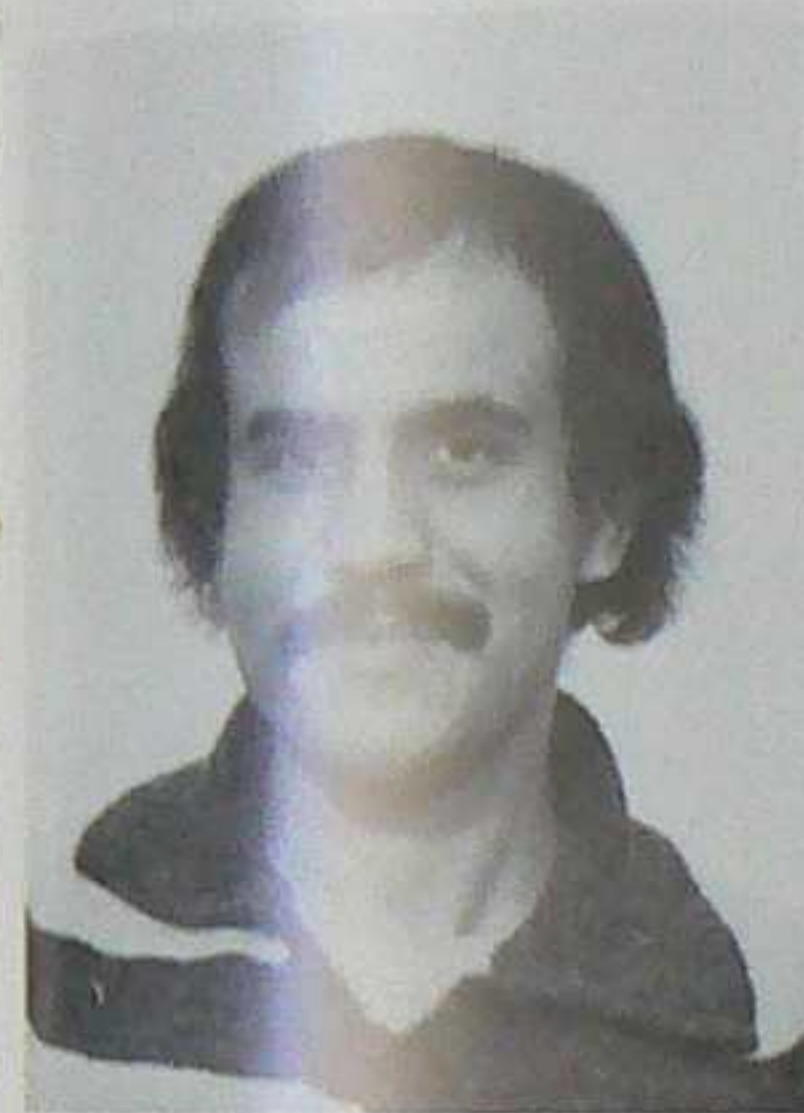
Joy Quesenberry
 Learay Jean Rayburn
 Ed Reineke
 Ahmed N. Rhuma
 Brian Ritter

Cindy Robbins
 Ples Robertson
 Paul Rosenblum



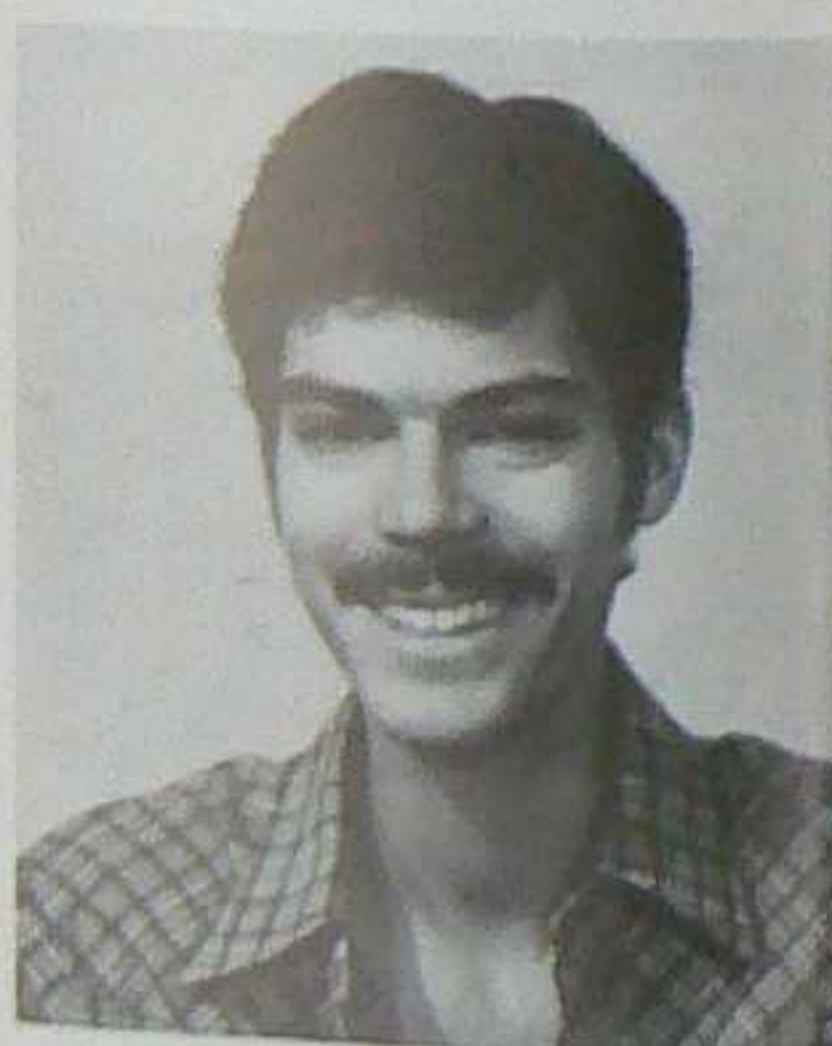
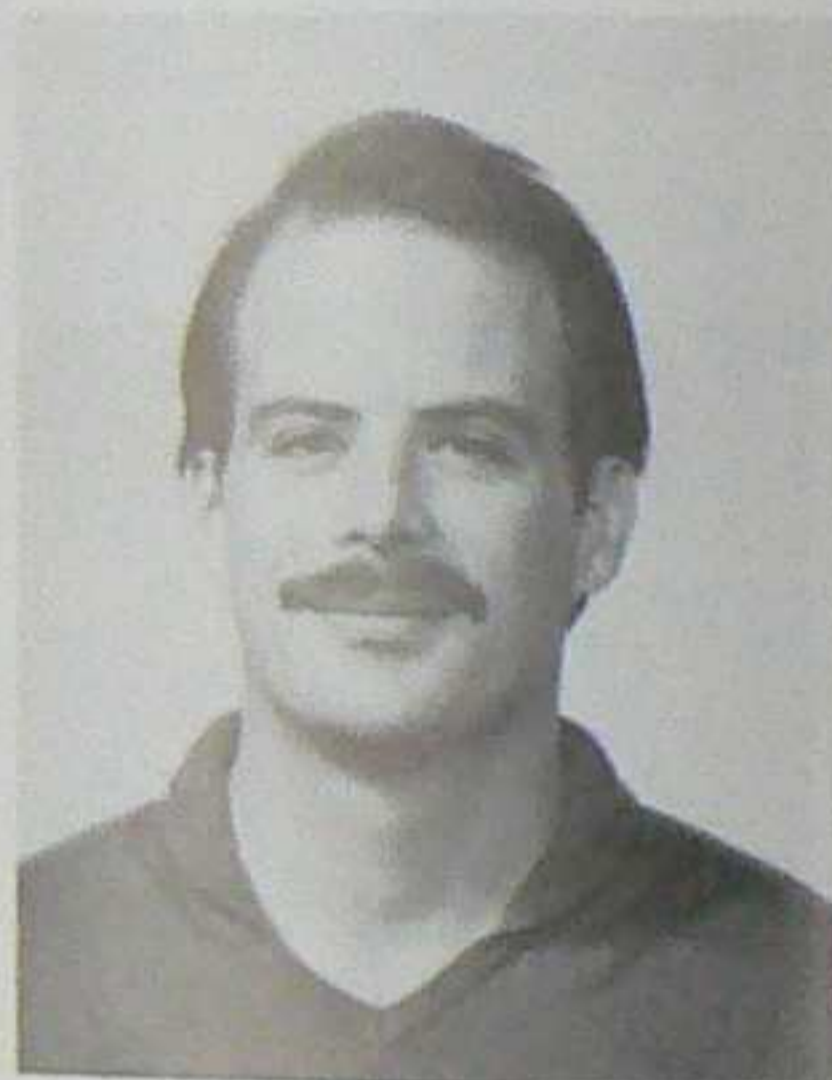
Mark Runyan
 Mark G. Saad
 Saidi Abolfazl

Be wary of strong drink. It can make you shoot at tax collectors
 ...and miss.
 Lazarus Long



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

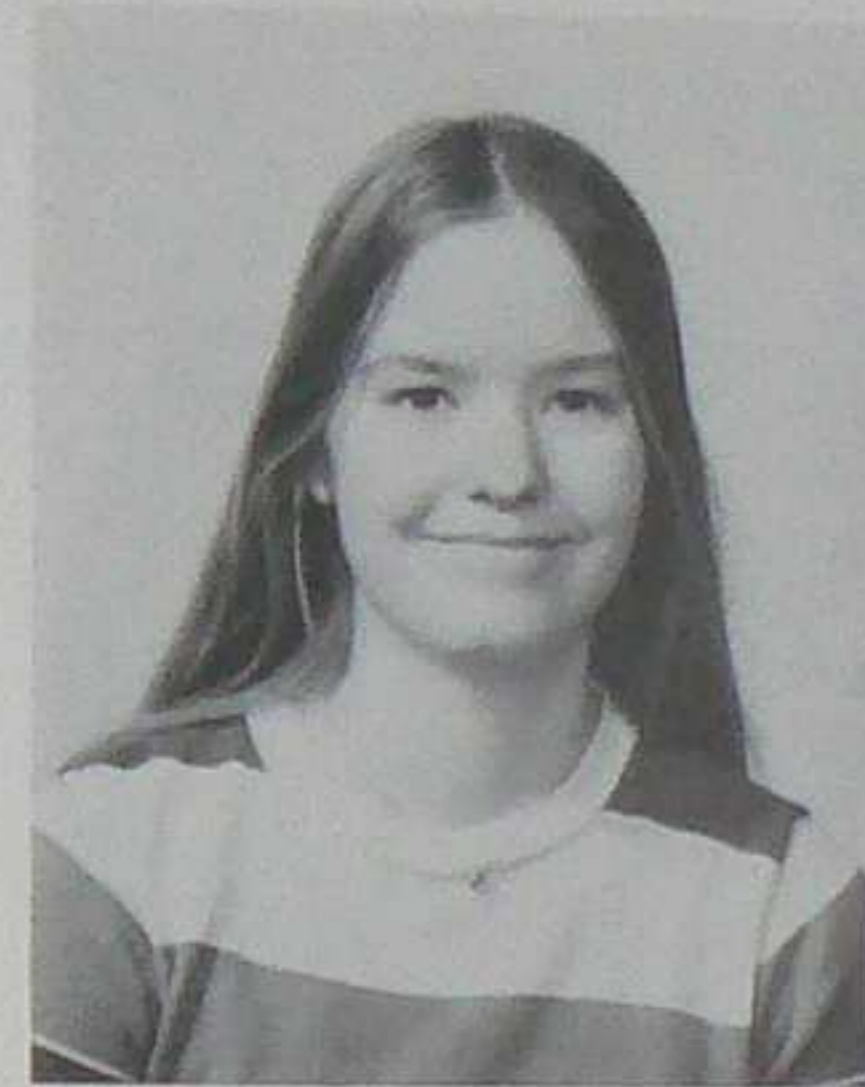
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 Ples Robertson
 Paul Rosenblum



Mark Runyan
 Mark G. Saad
 Saidi Abolfazi

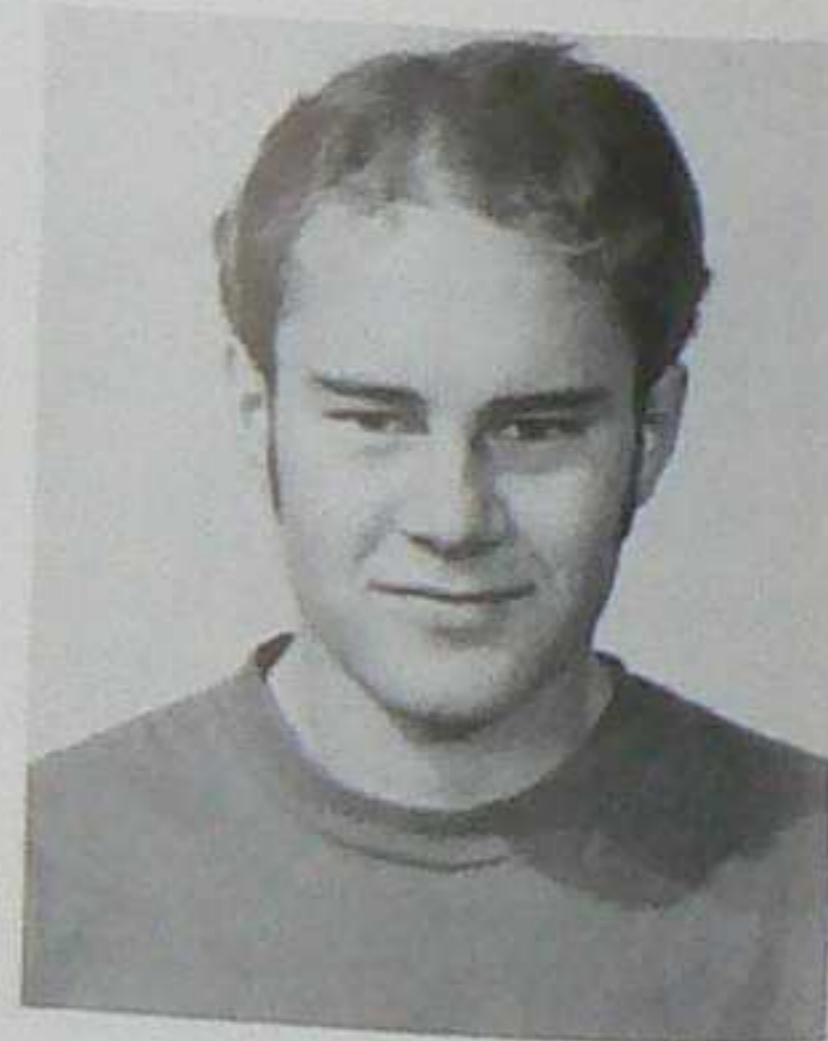
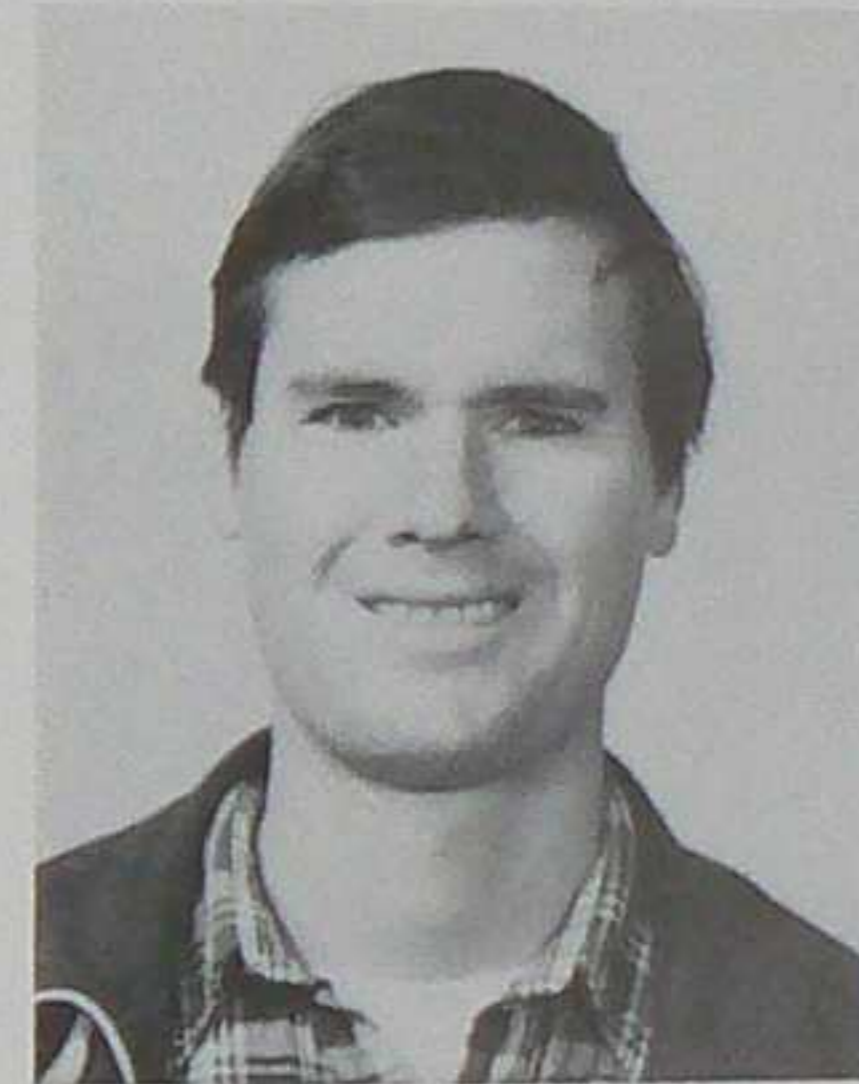
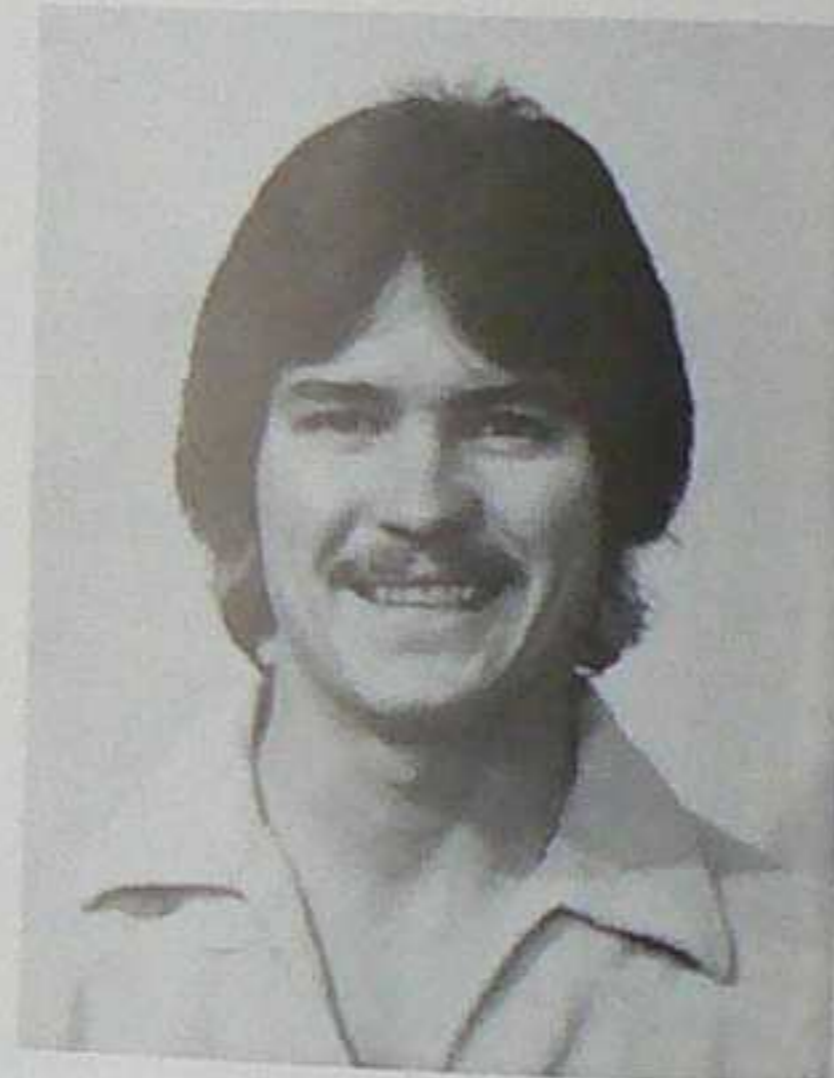
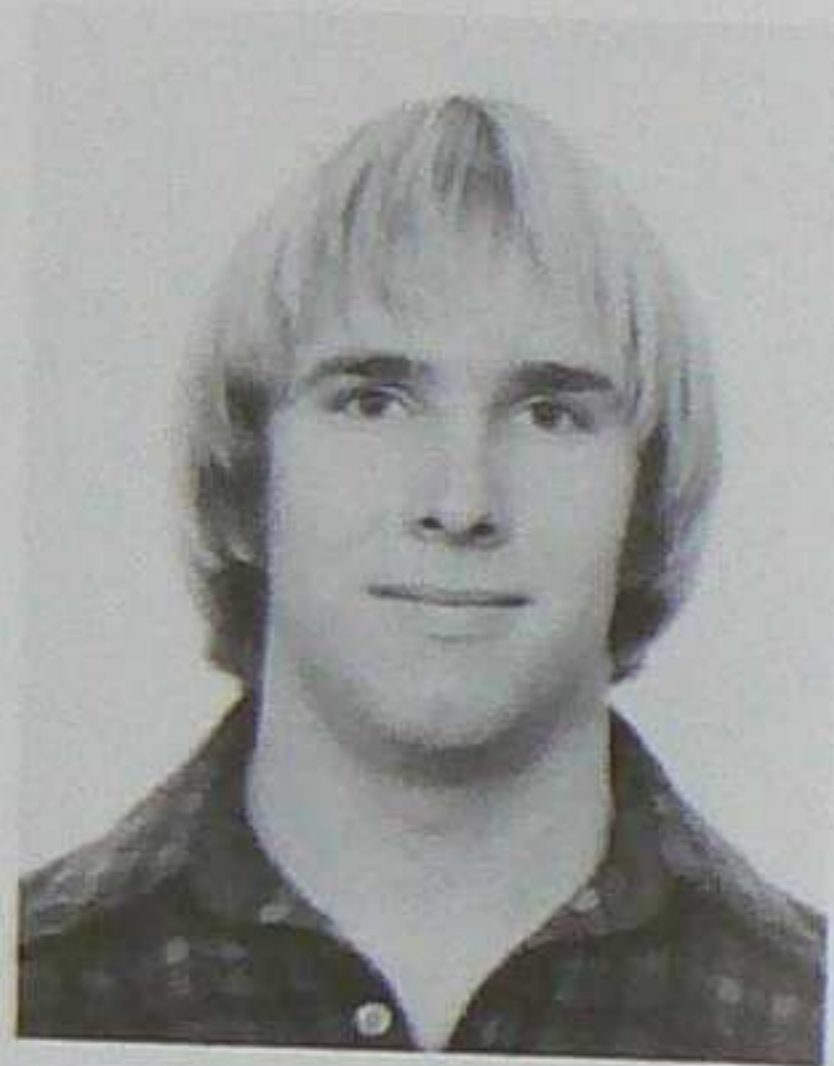
Be wary of strong drink. It can make you shoot at tax collectors
 ...and miss.

Lazarus Long



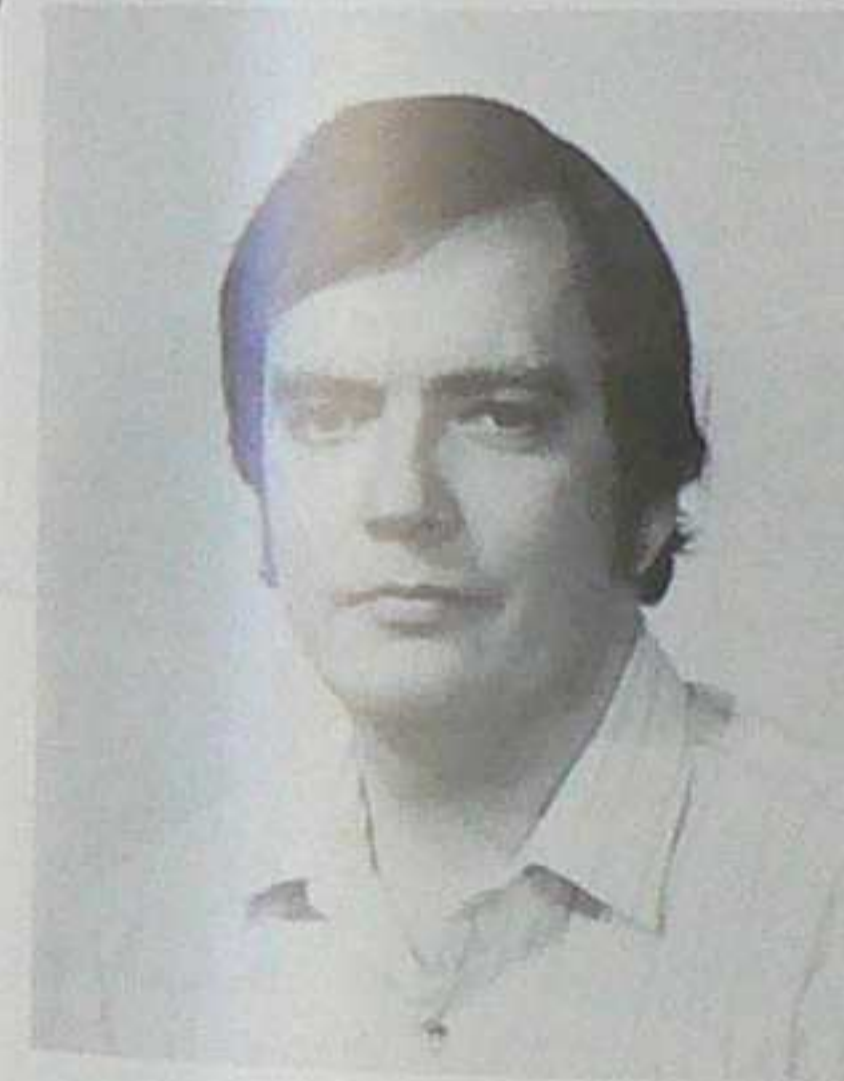
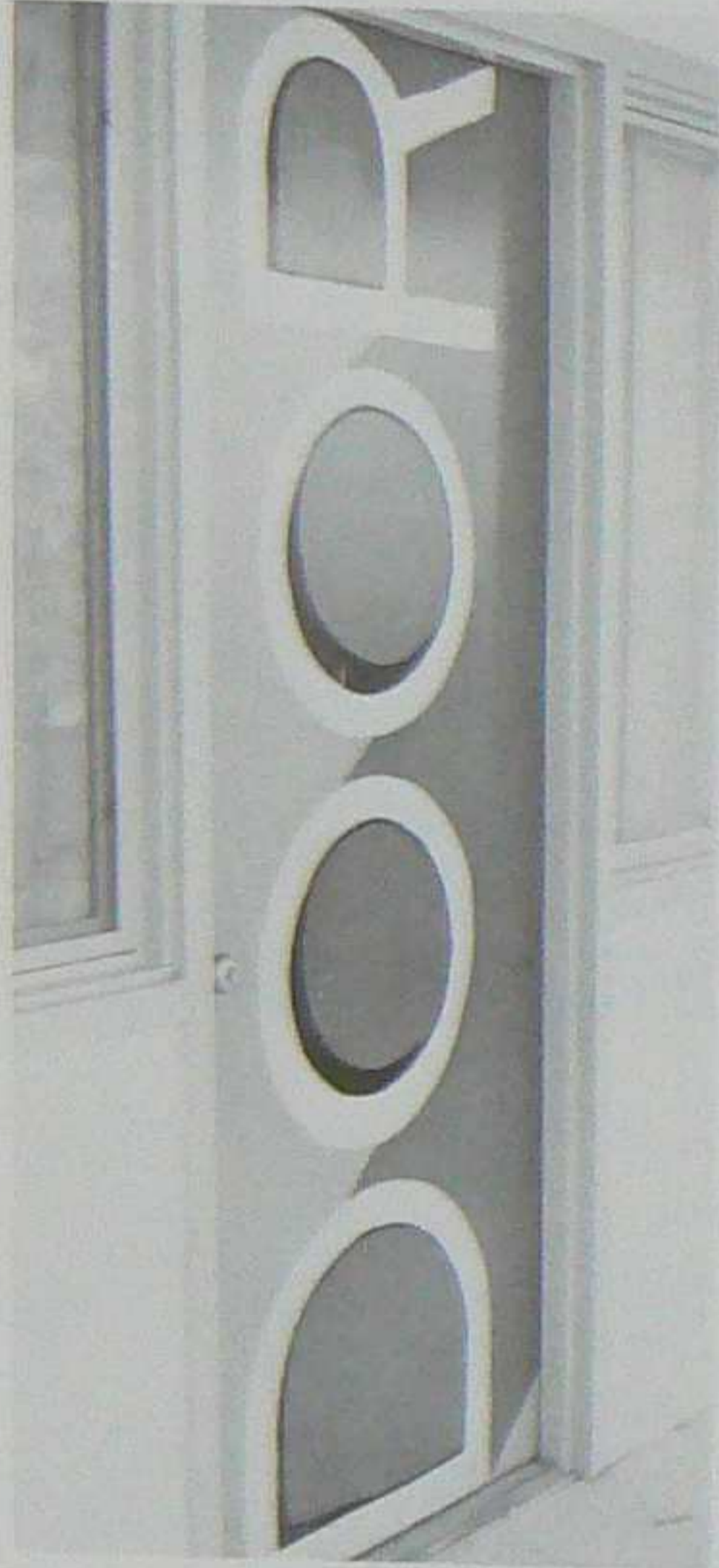
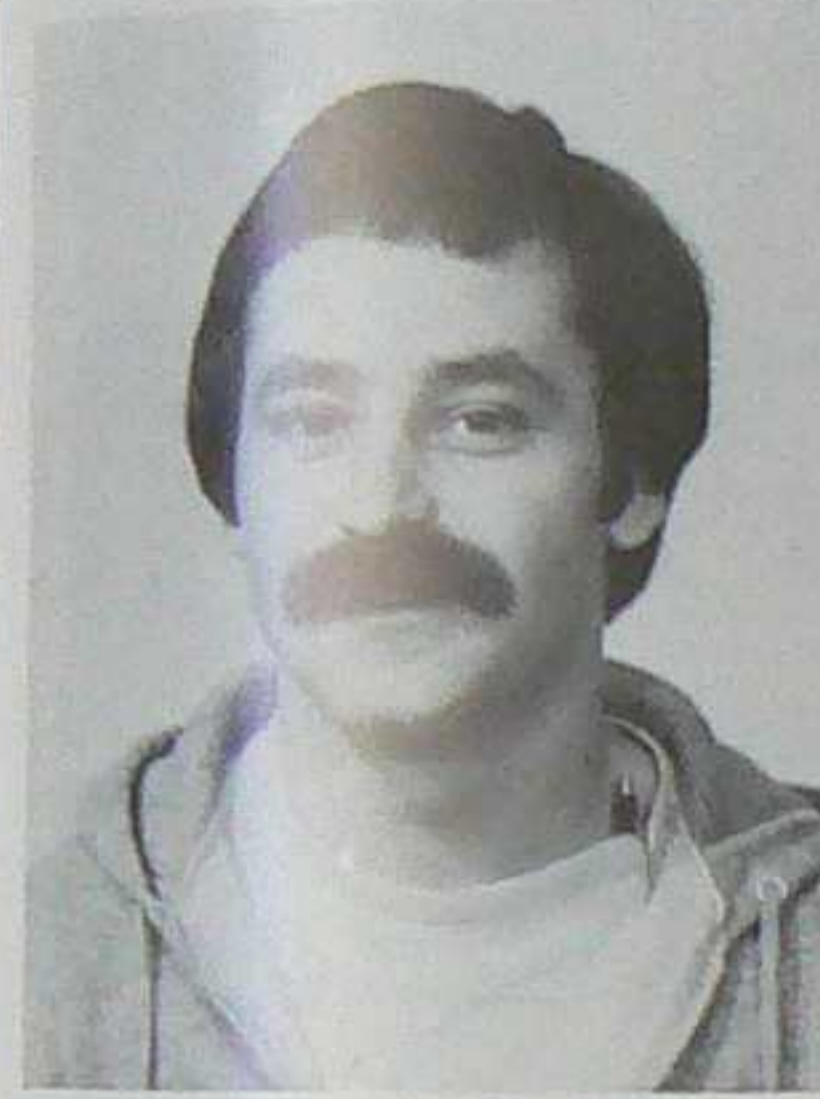
Rodney Schock
 Jan Simon
 Carolyn Simms
 Robin Smith
 Tara Soughers

Don Spahr
 Tracy Spence
 Alicia M. Stepp
 Bill Strong
 Aziz Tadayon

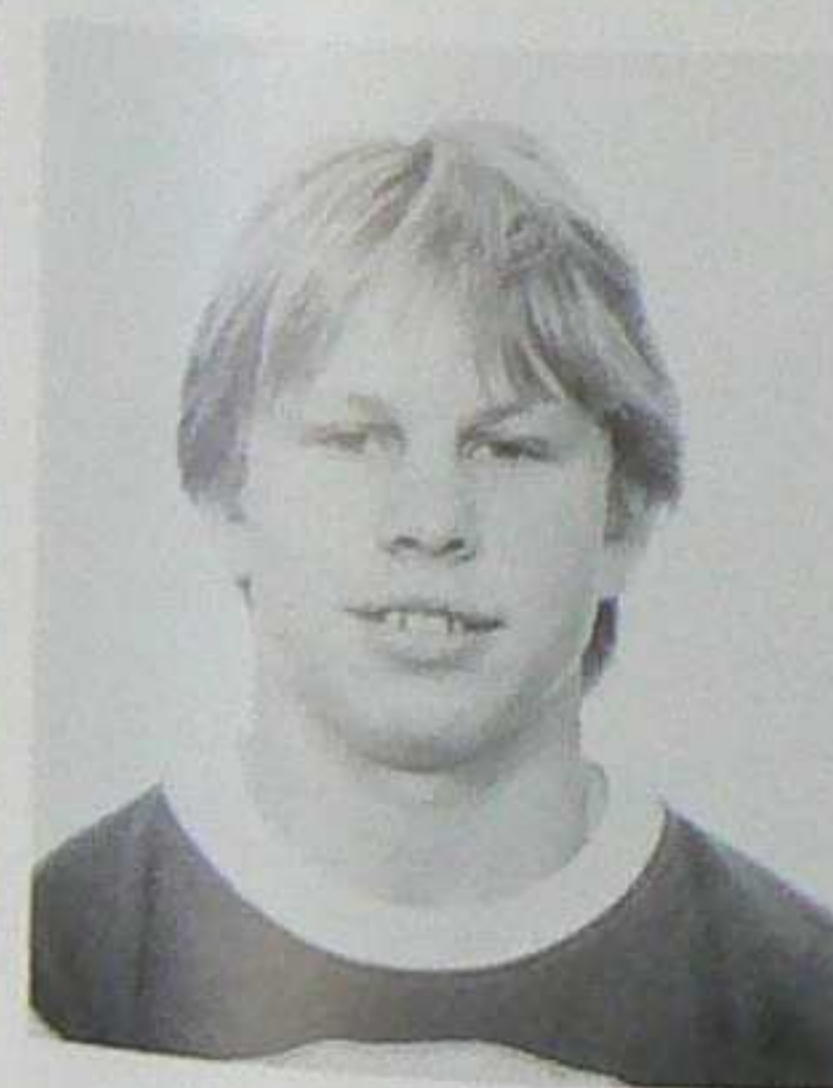
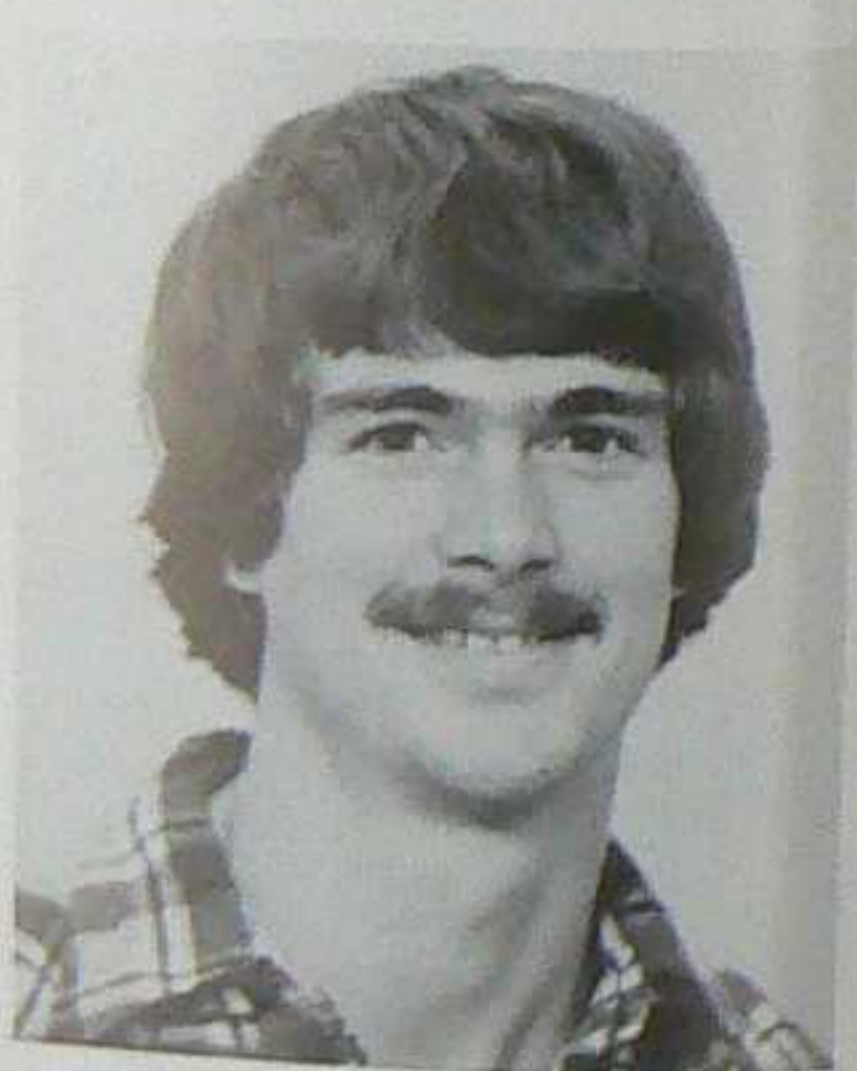


Amanda Taylor
 Sandy Thomas
 Tom Tiffany
 Ty Till
 Tran Xuan Phuong

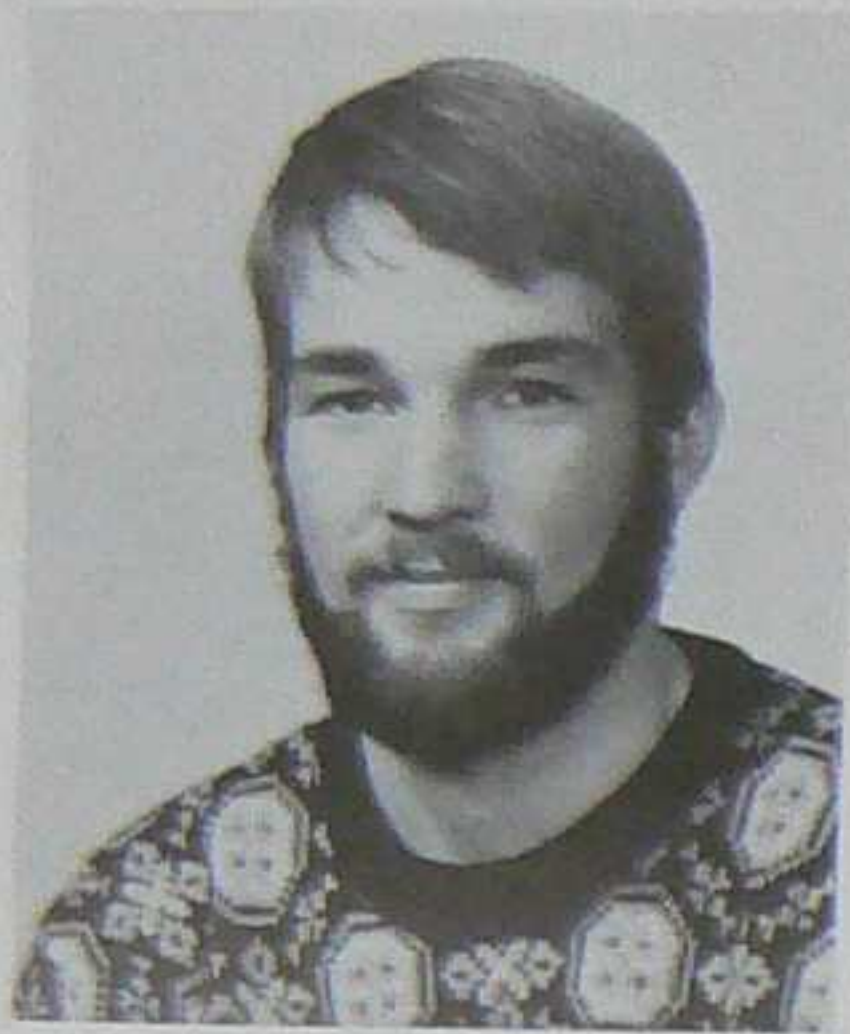
Mike Verry & Fang
 Dave Villegas
 Larry Voelker
 Henning von Klinggraeff
 Joann Vullo



Sharon Waggoner
 Ruth Waldorph
 Mickey Warlick
 Yvonne Warren



Errol Watson
 Jim Weeks
 John W. Weith



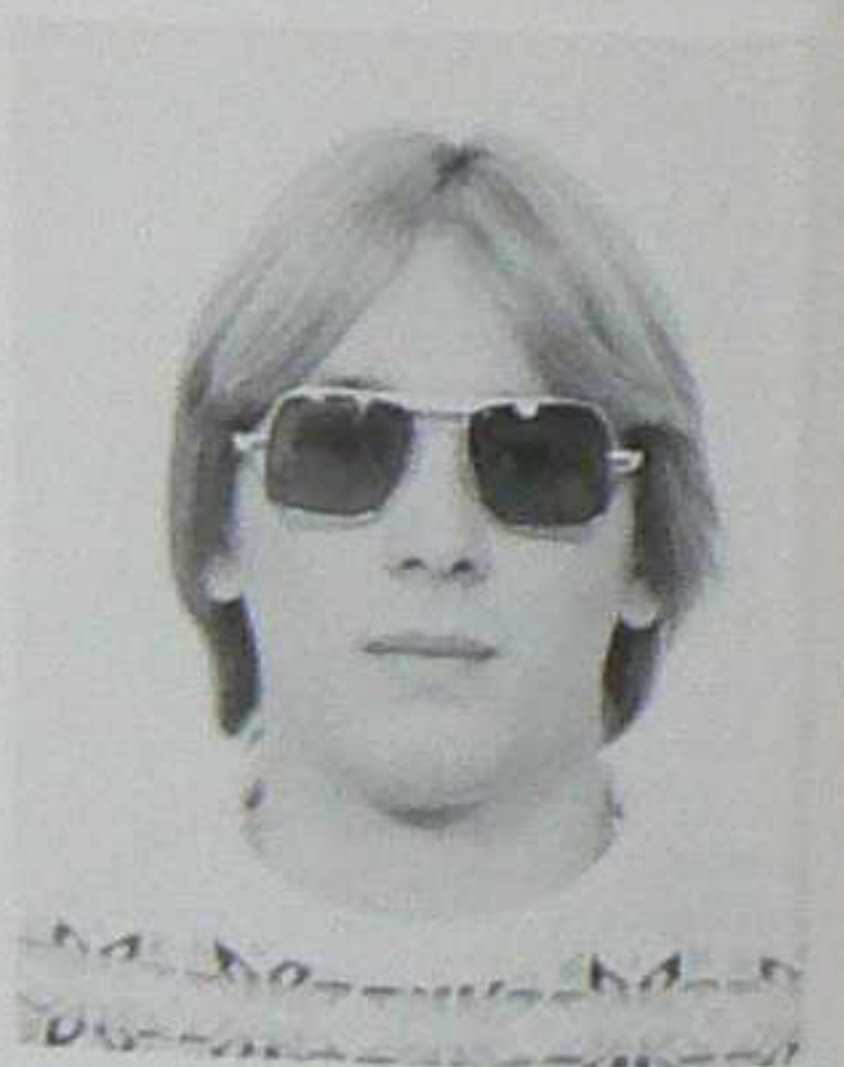
Chris West
Bonnie L. Wilson
Ralph Wintersberger
Steve Wolfel
John Yater



Aaron Zallen
Iraj Youssefian
Mike Witte

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



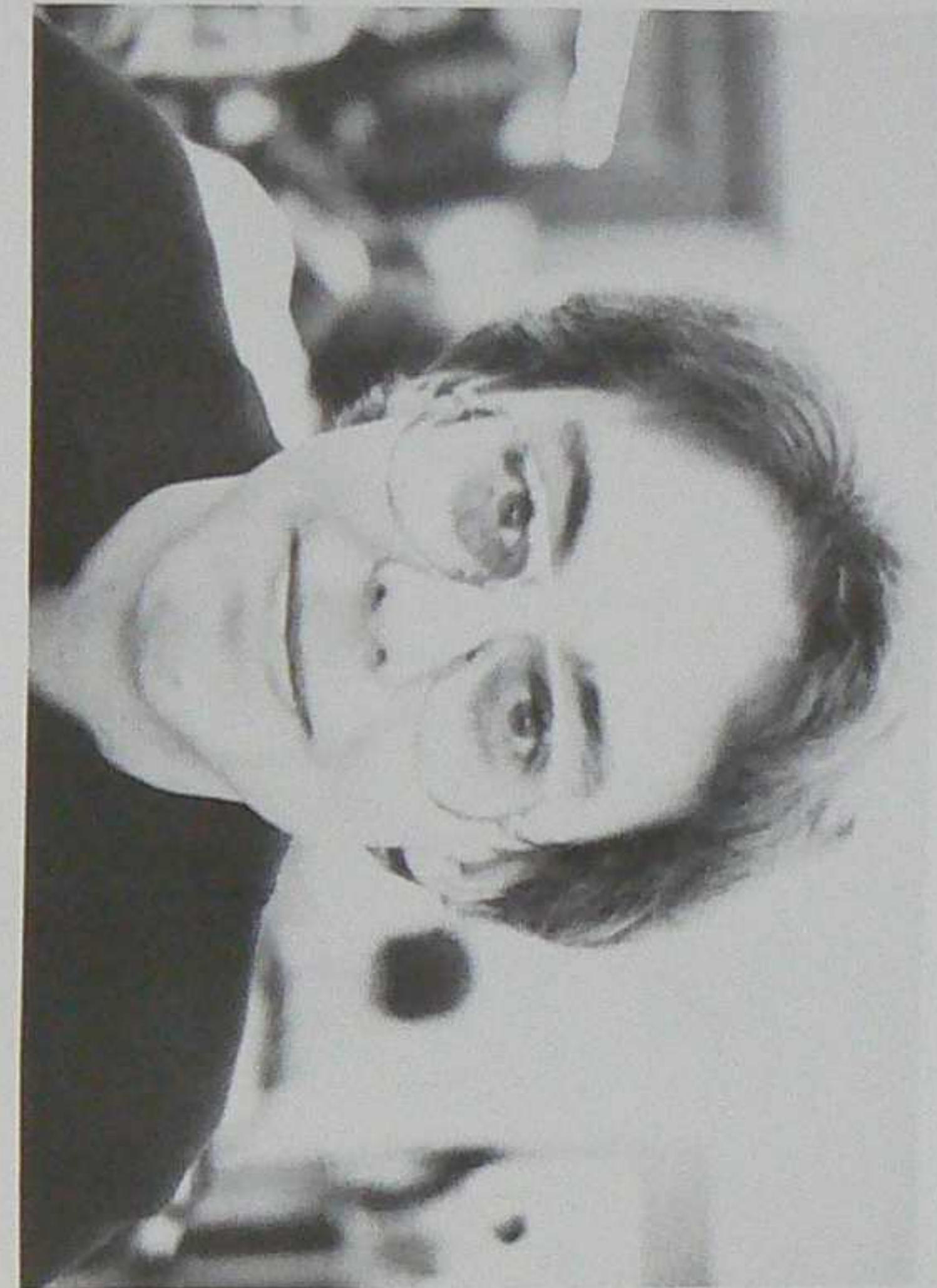
Jeff A. Withrow
Robert Wither
Dan Wieder



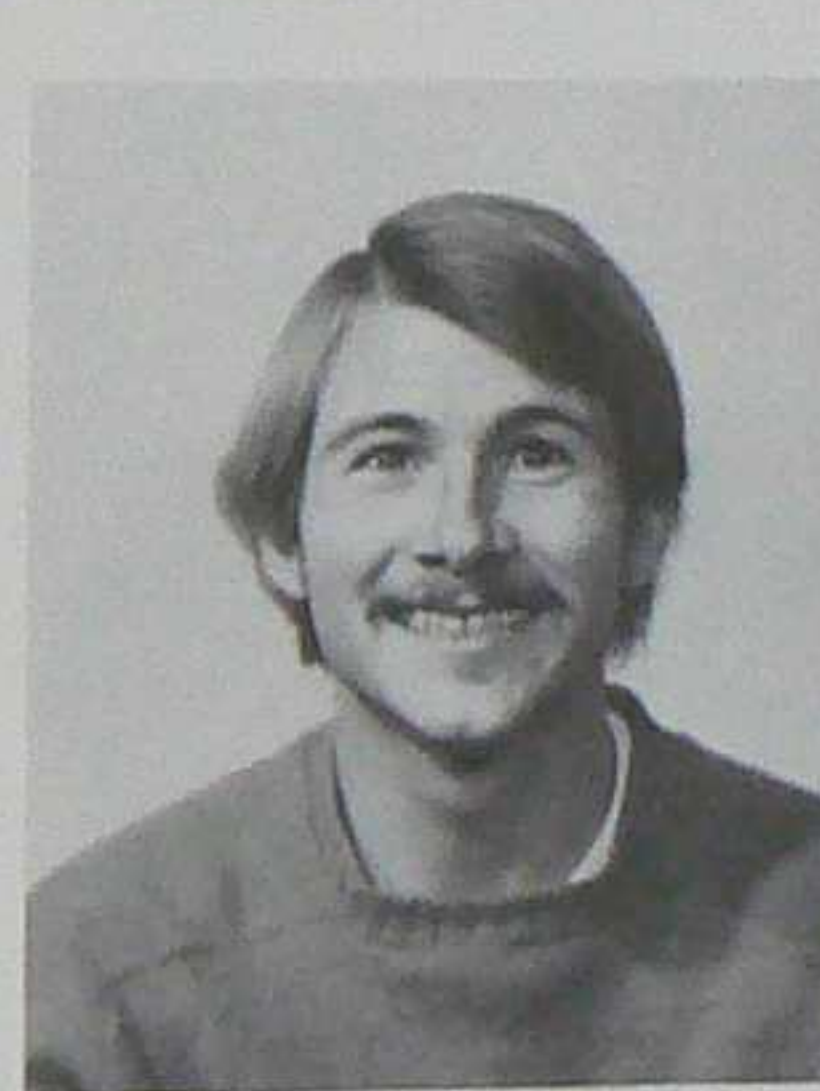
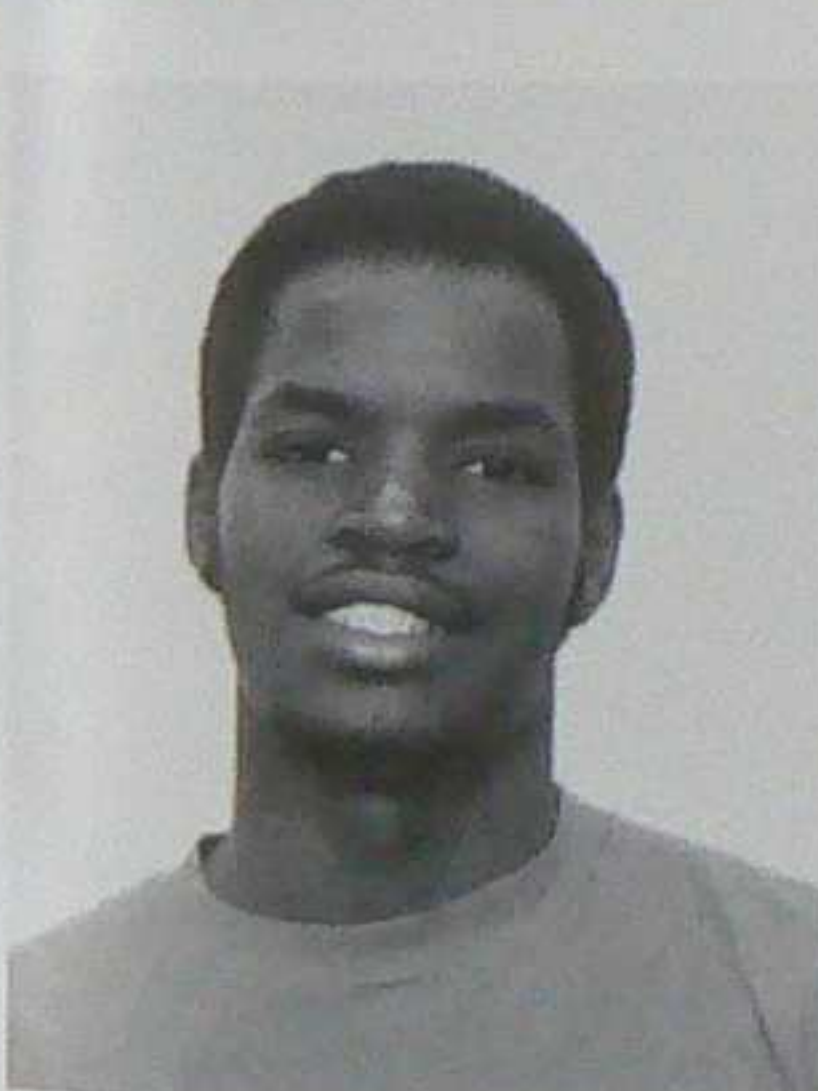
John Welge
John Kevin Wanner
Tim Wallace

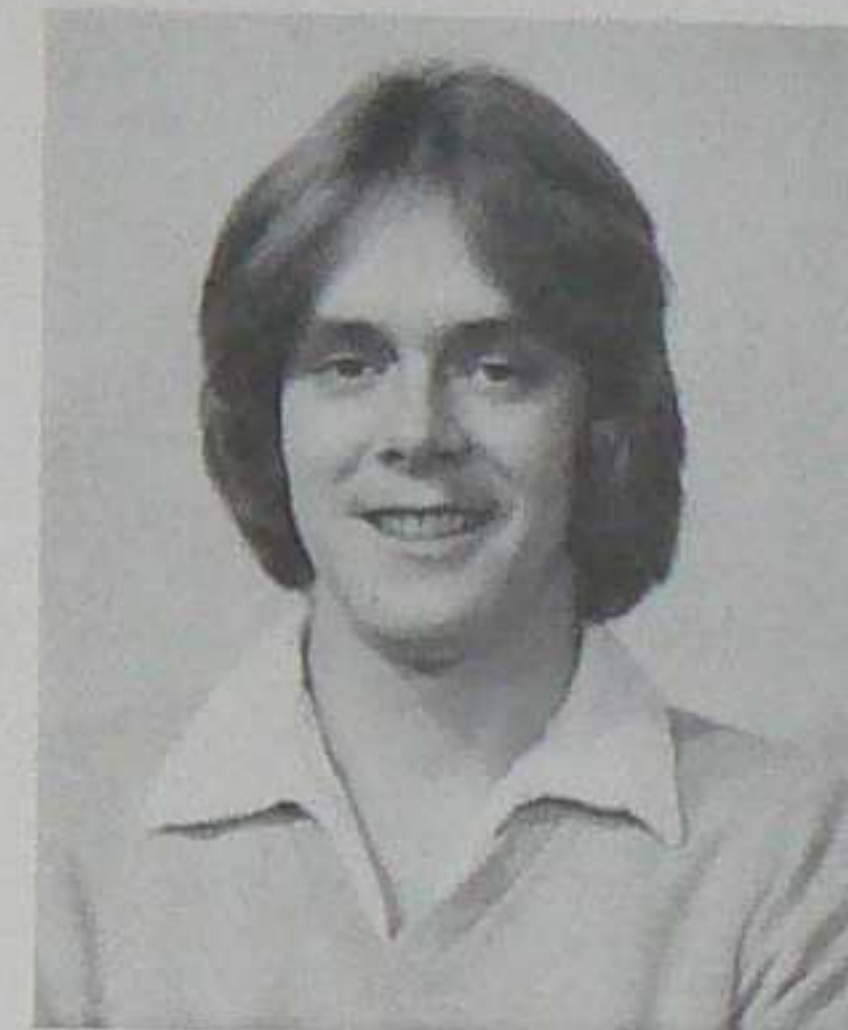
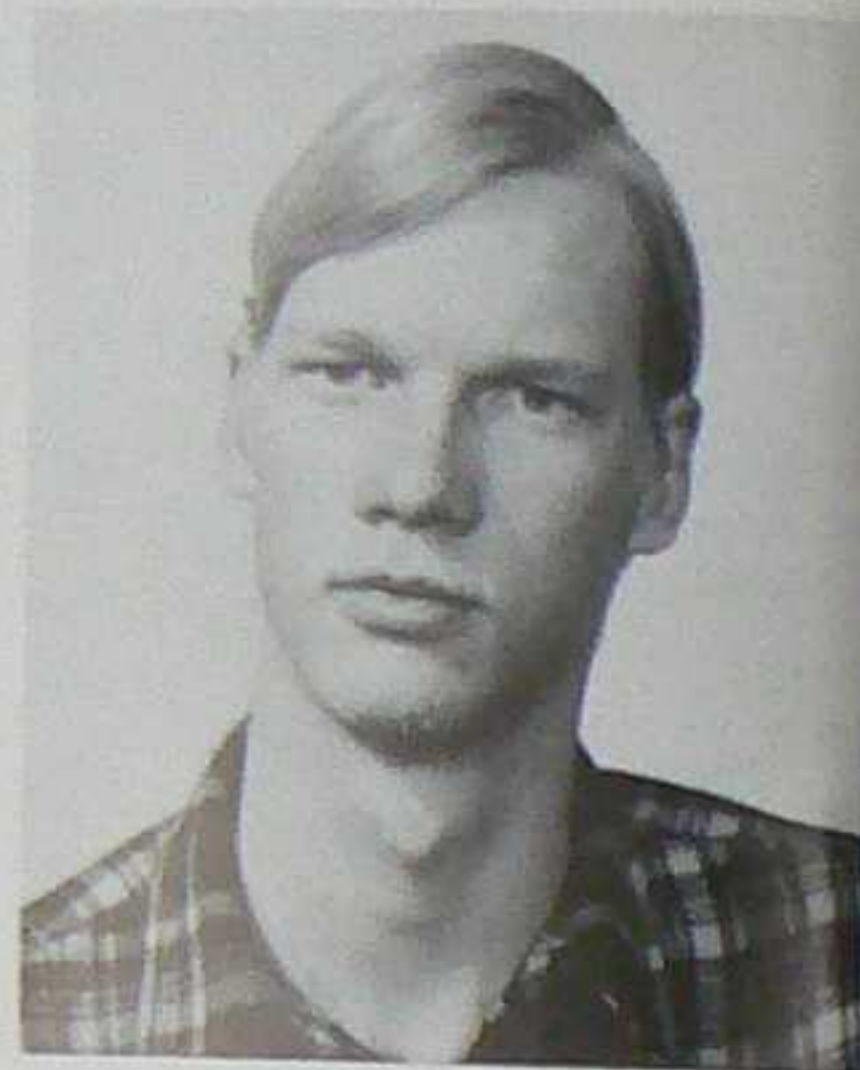


Nancy Wagoner
Louise Villanueva
Kathy van Goldtsnoven



Chris Valentine
Julle Treseder
Edmund A. Thomas
Dave Thomas



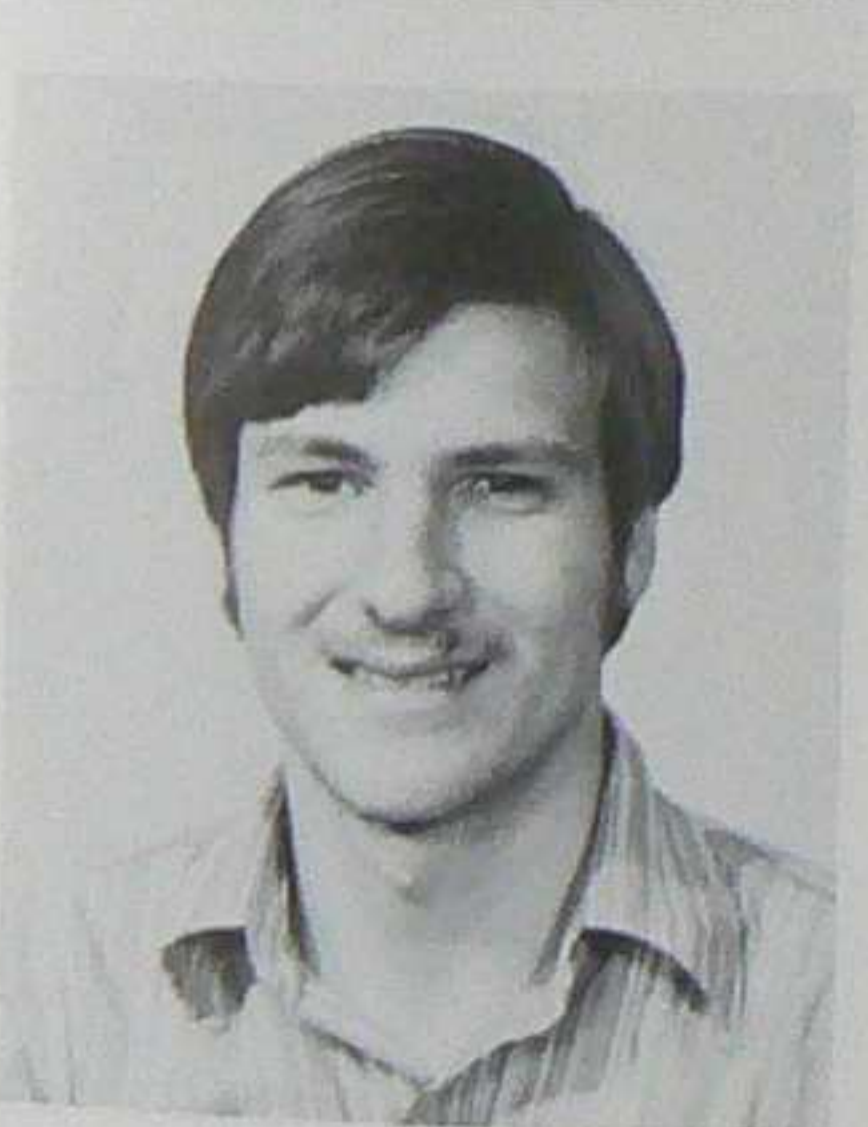
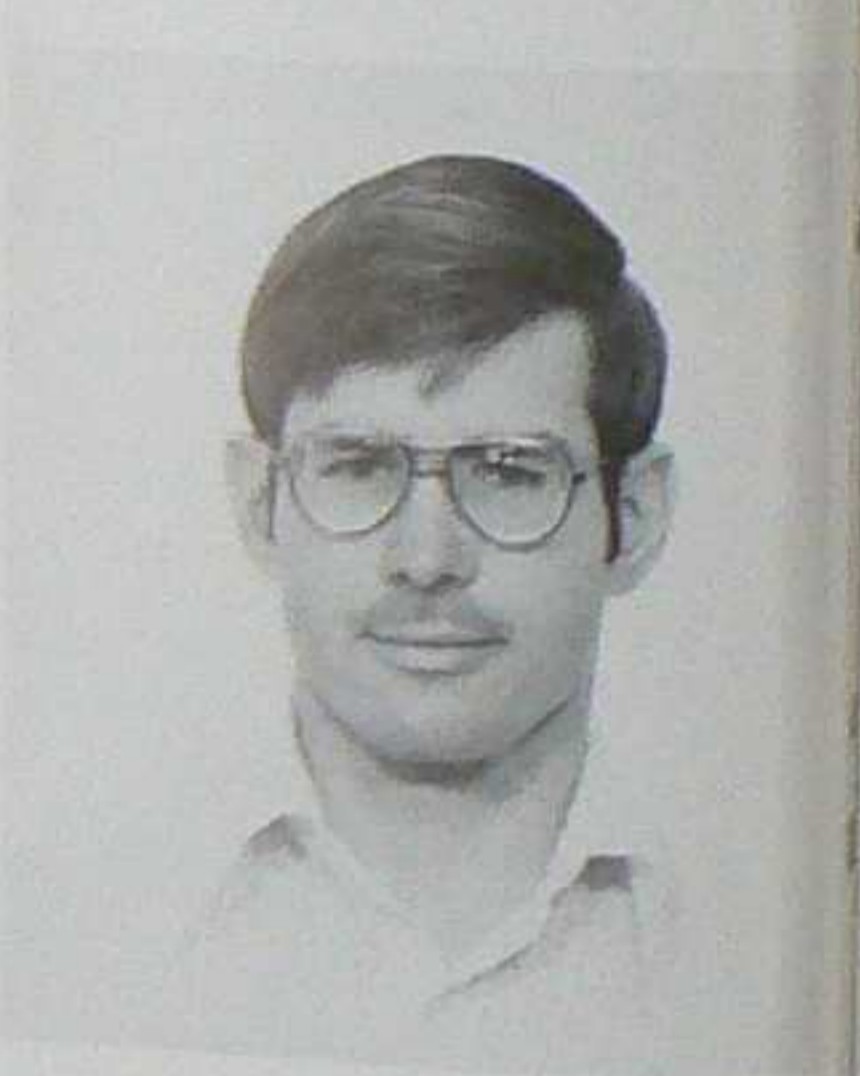


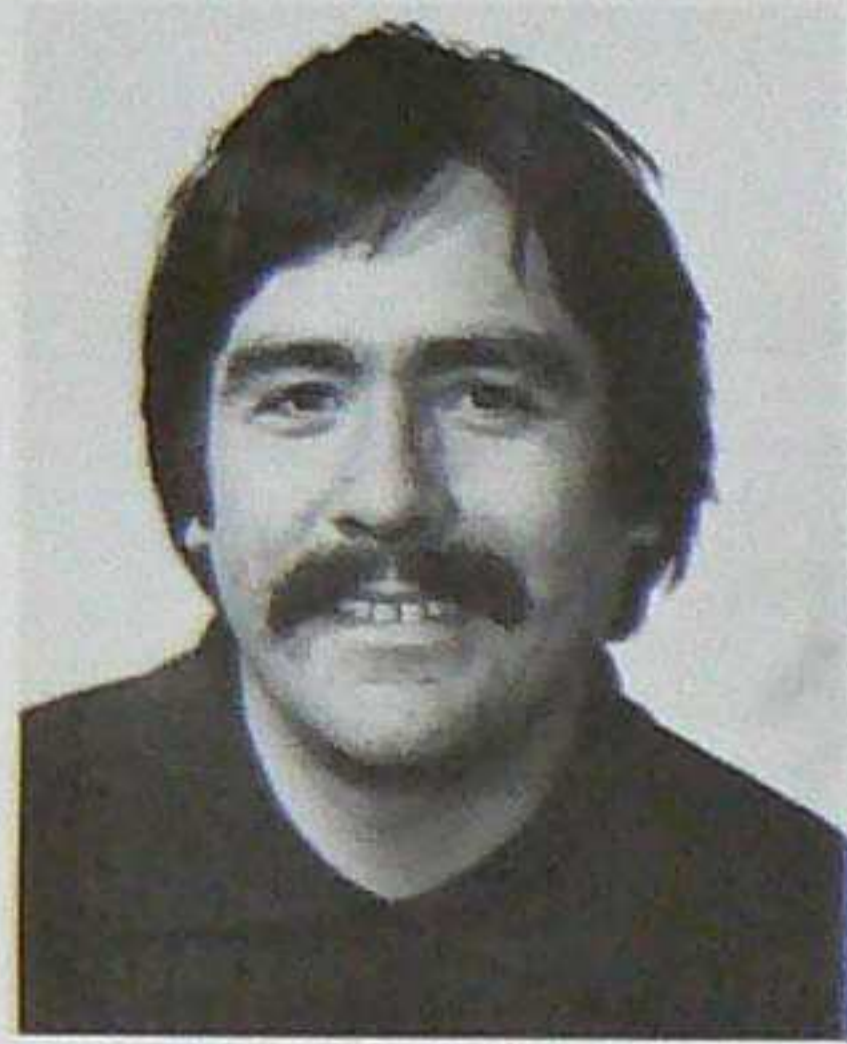
Eric Talgo
Laura Stuart
Rob Stephenson



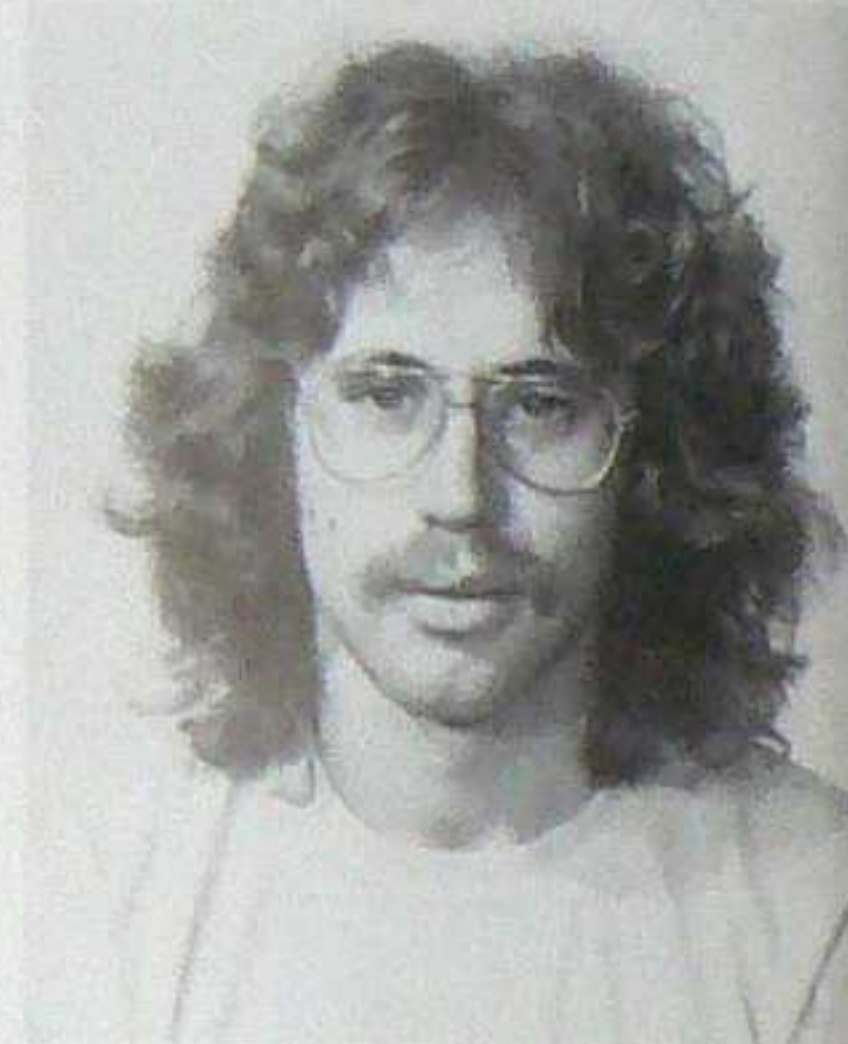
Darrel Starnes
Truong Son
Mark Smith
Matthew Silva
Jay D. Siebens

Lisa Shevenell
Joel Shepitka
Vladimir Shaskevich
Scott Seibold





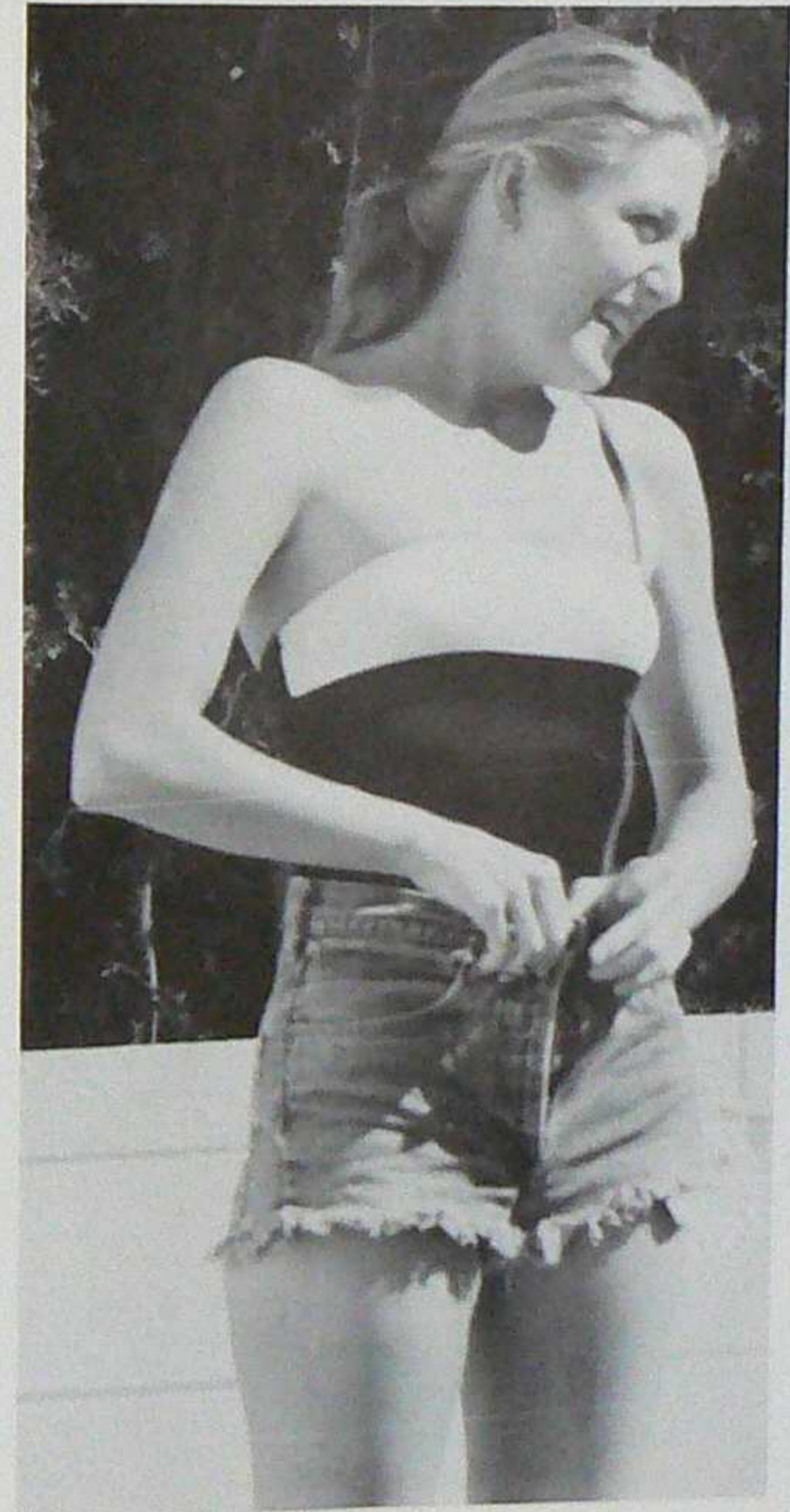
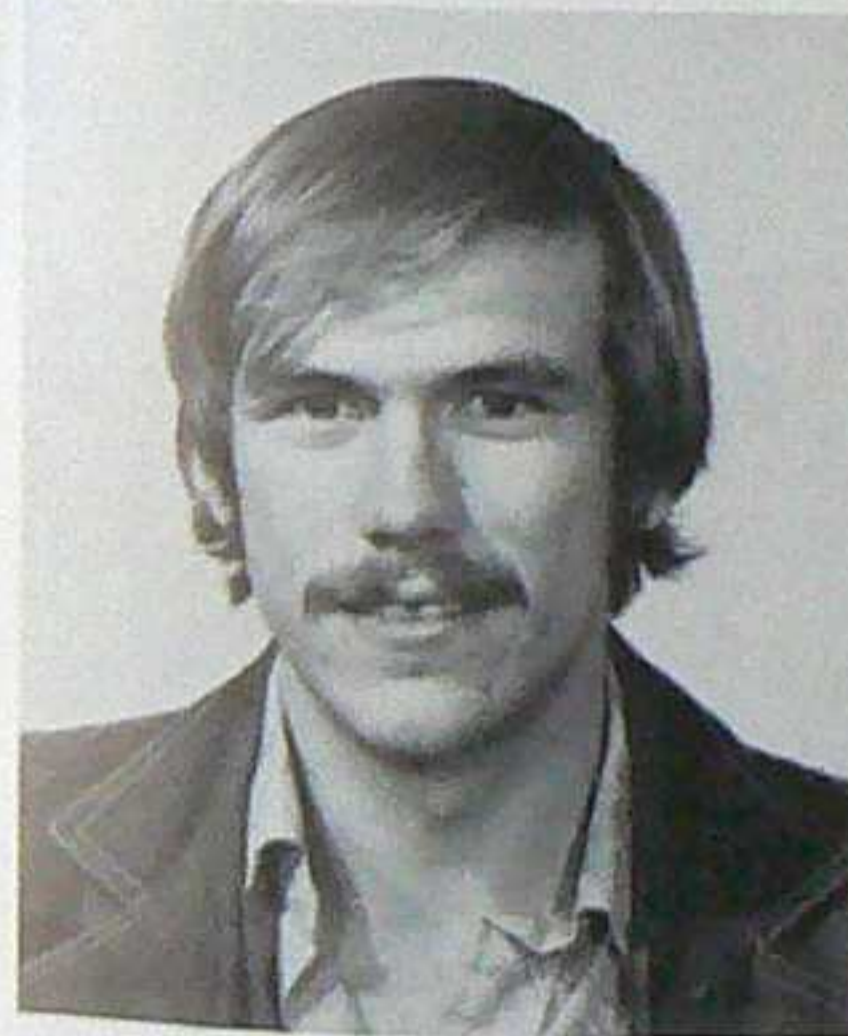
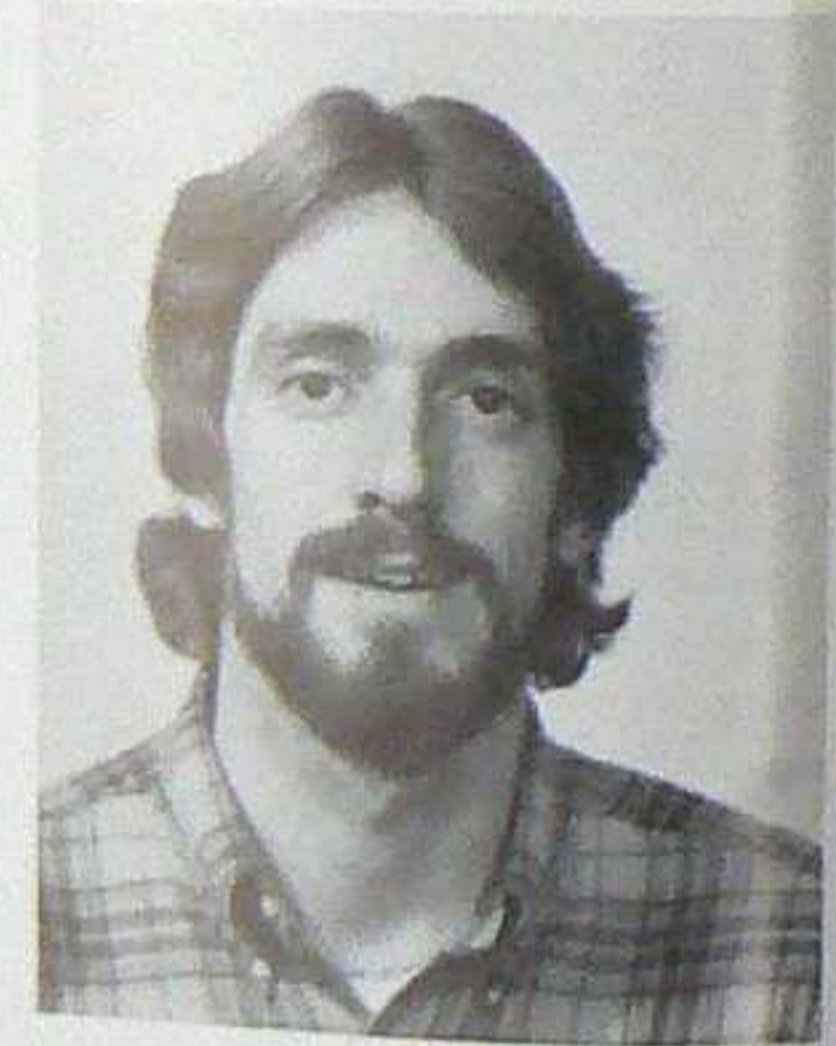
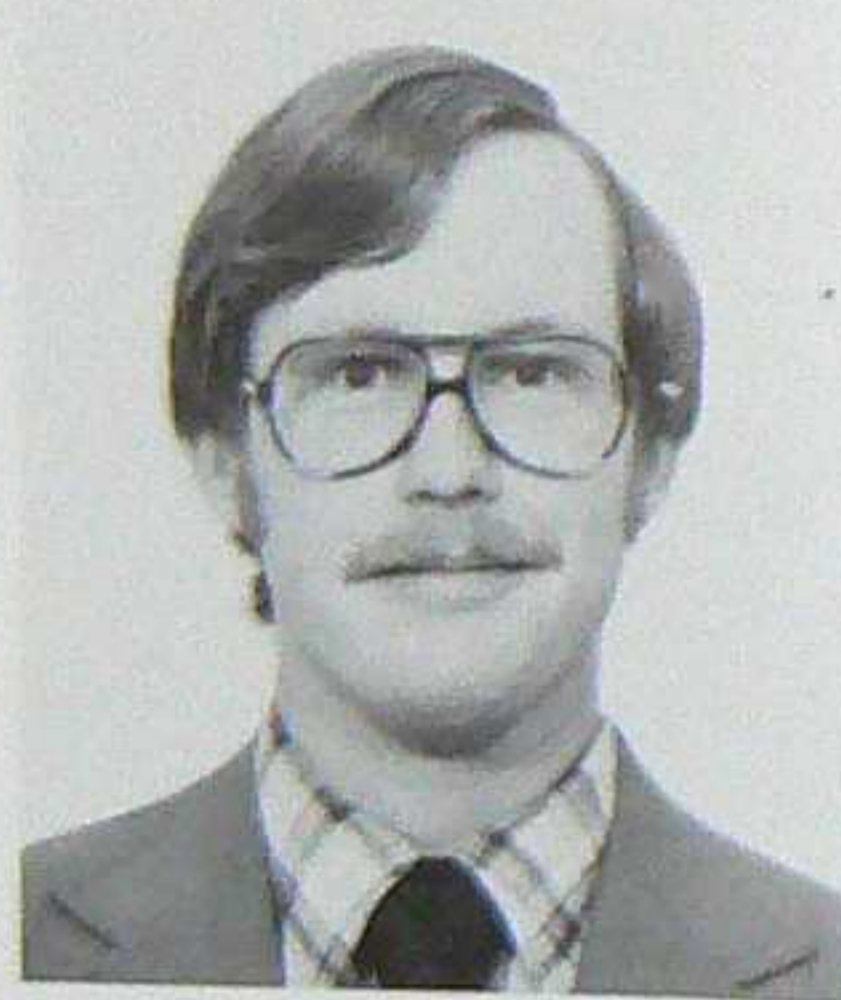
Pete Savinelli
Peggy Sahulka & Katie
Charlotte Rowe



Dave Sedillo
Bob Schwering
Dave Schreiner
Connie Schock



Ken Robinson
Mark A. Ridgeway
Charley Rhodes



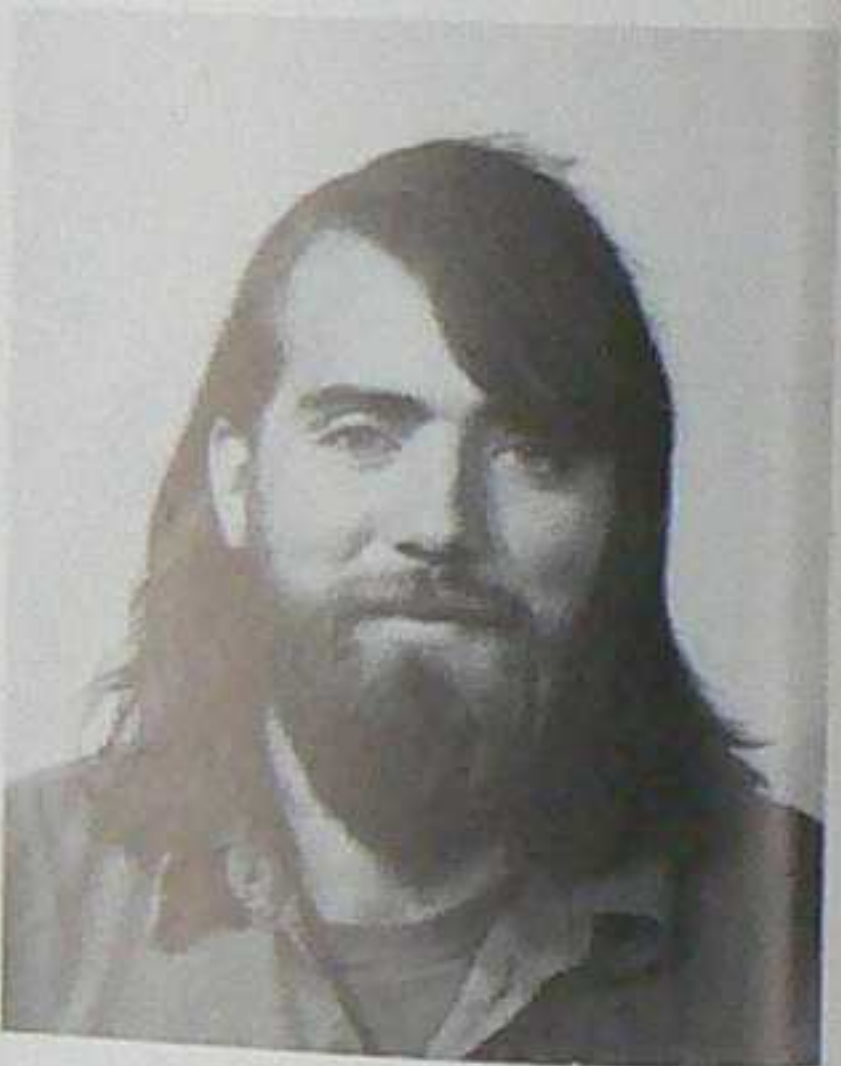
Bottom center
Johanna



Gary Perket
Michael Pelletier



Ross Pearson
Nikki Pearce

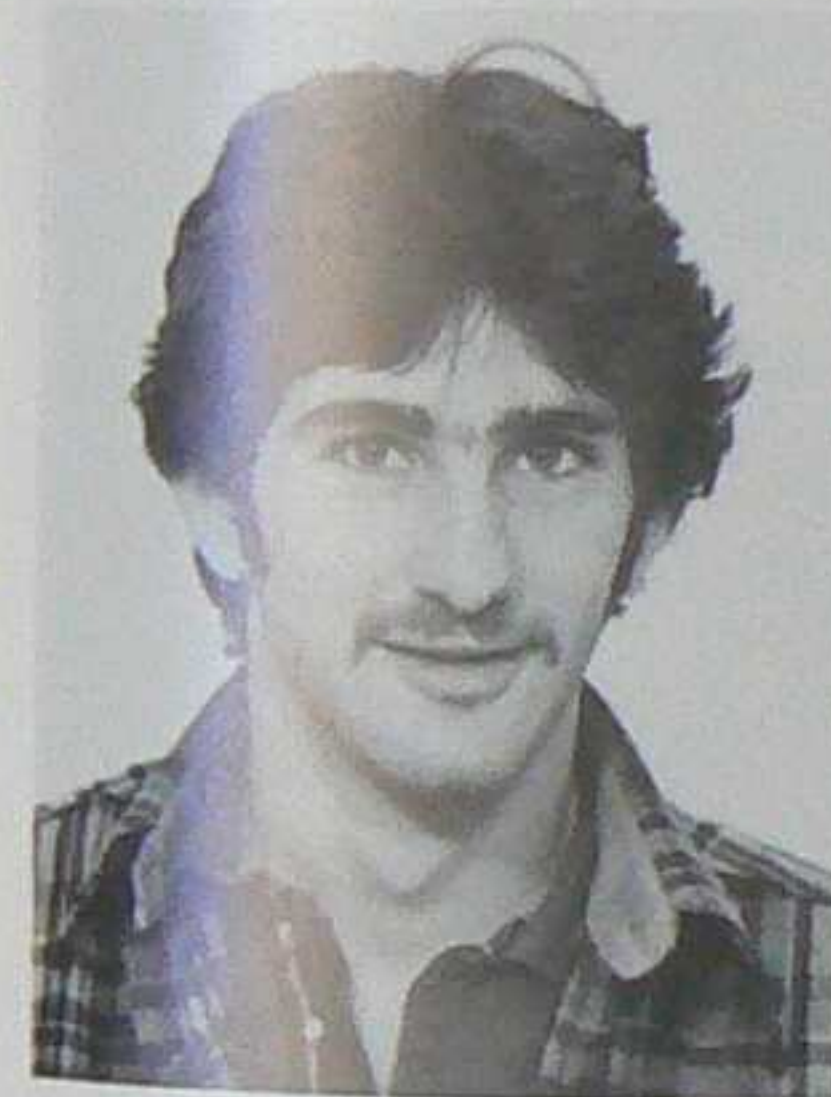


Bob Reedy
McKay Pugmire
E.J. Pettinger
Scott Phillips
Lee Petrovitz





Andrea Parmelee
Niraj Pande
John Oakes
Josephine Nieto
Gwen Nichols

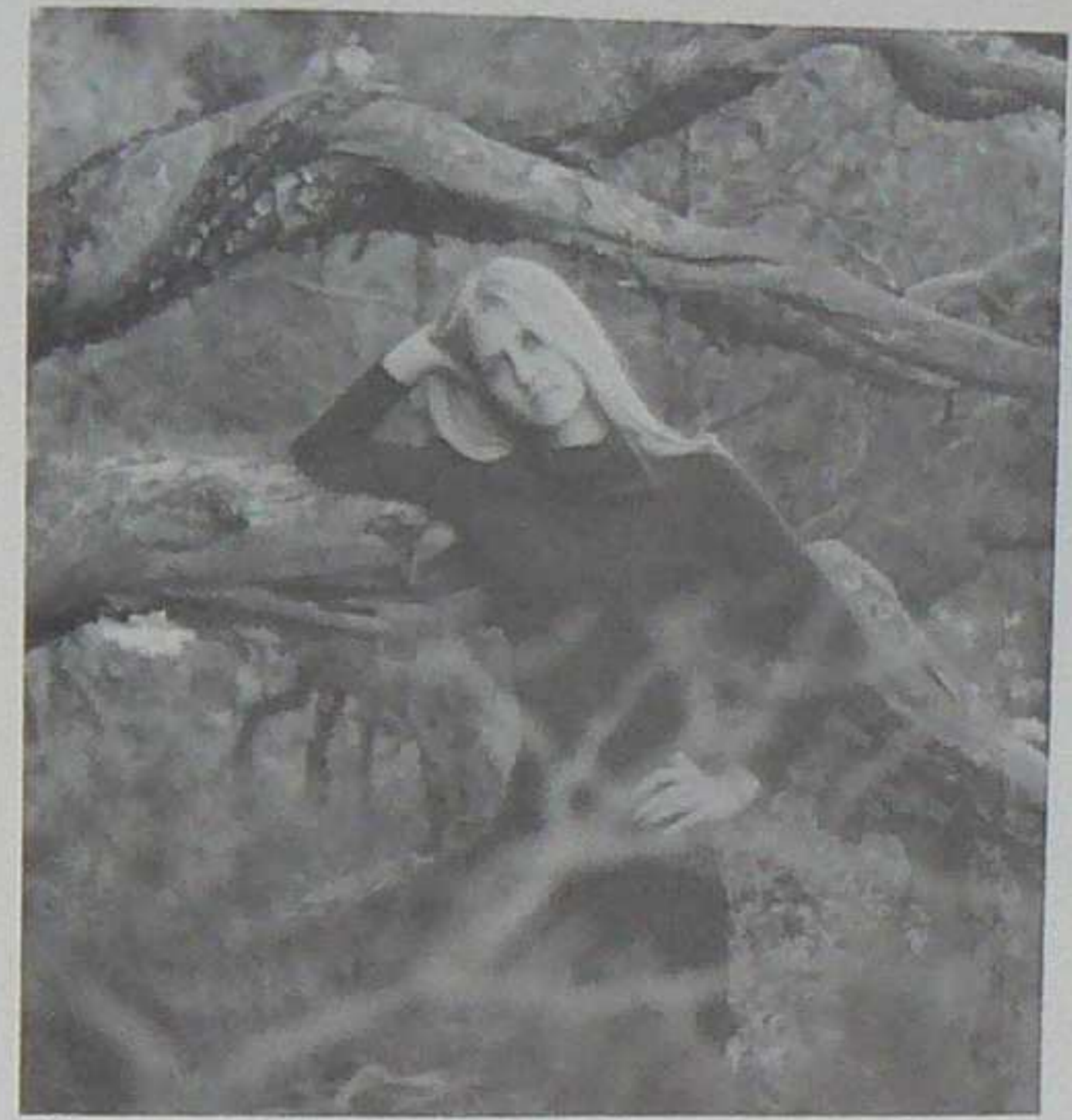
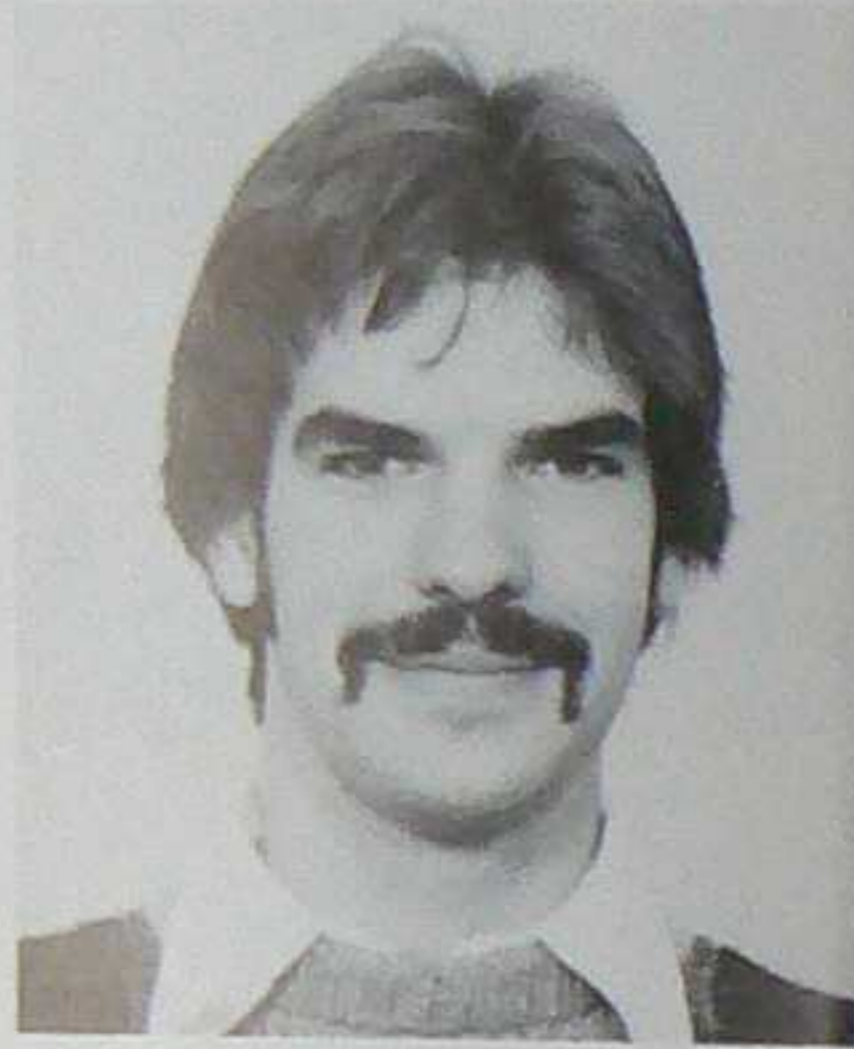


Ngo Quoc Trung
Karen Morrow
Rex Moneymaker
Steve Mitchell
Kirsten Miller

Alex Miller
Kevin Meier
Diane Meier

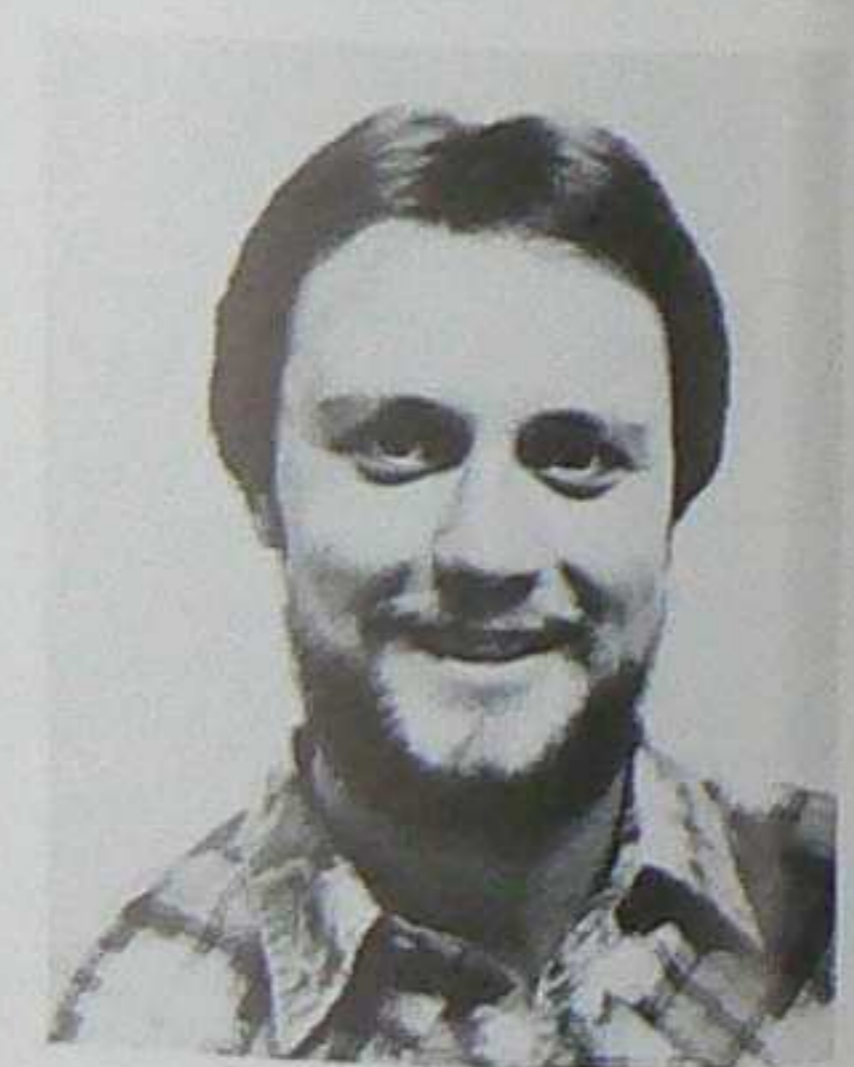


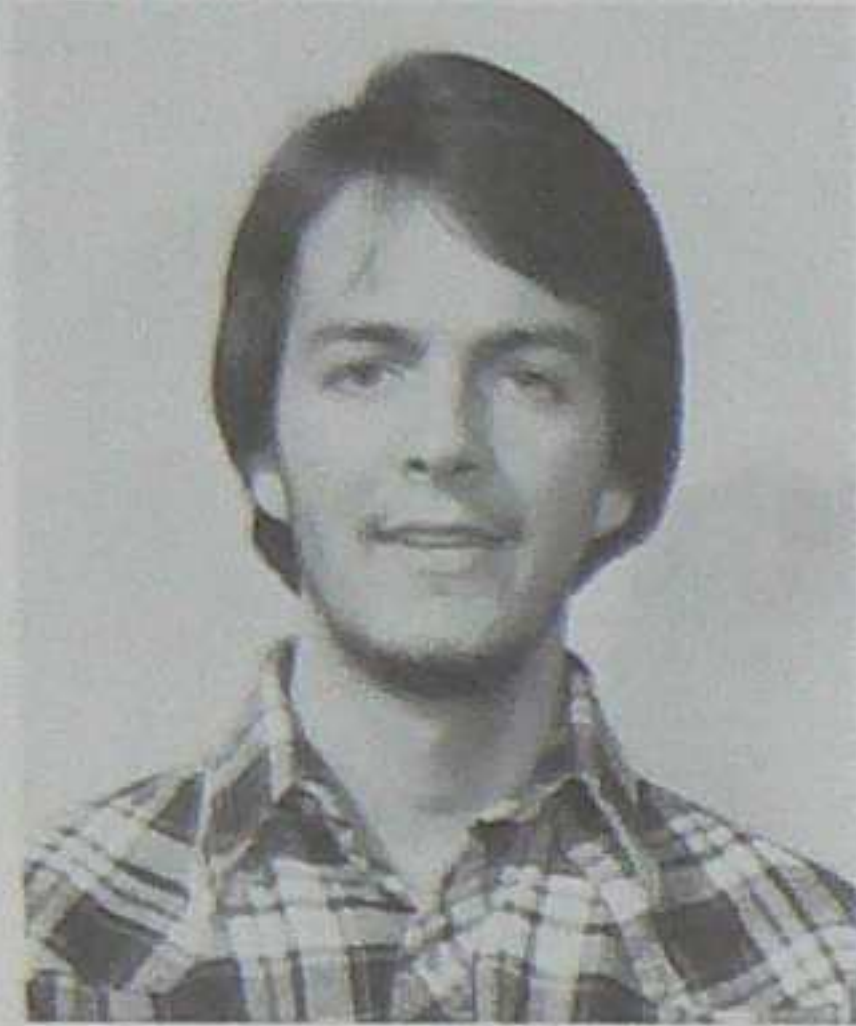
Laura McKnight
Steve McKenney
Kathleen McGrath



Barry McCall
George McAlpine
Thomas L. Matula
John Mastor
Dana Martinez

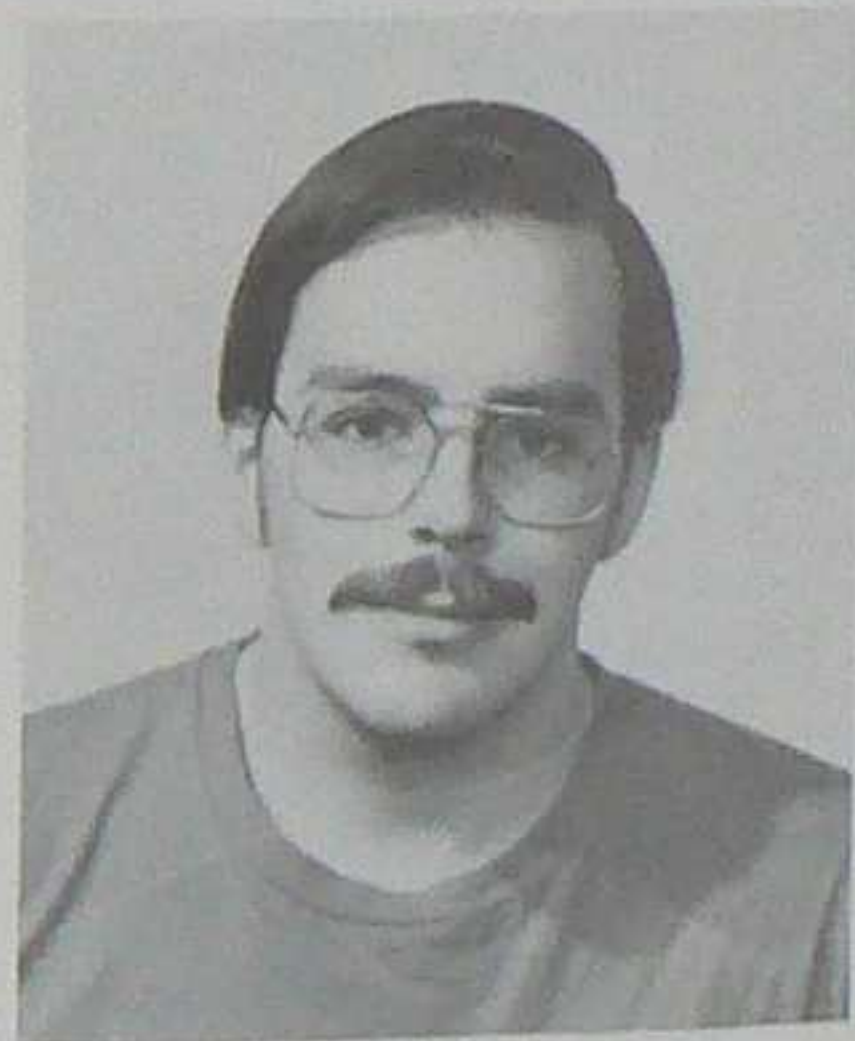
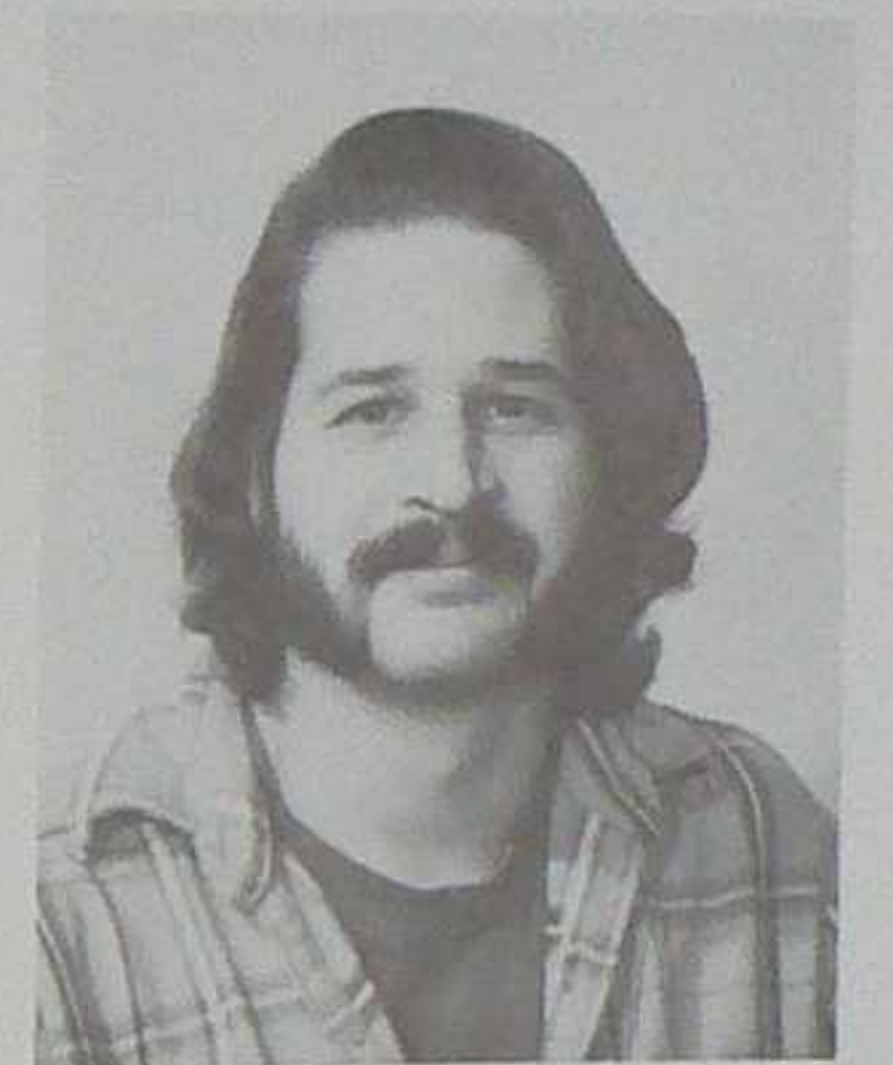
Silvia Lujan
Mark Lawson
Jeff Lambert
Hsu Kou-Chang
Karin Knowles





Leel Knowles
Joel Brooke King
Alan Kerr
Thomas Keller
Kathryn Keller

Reza Kashmiri
Luke Jones
Michael A. Jarpe
Huong Vu
Greg Hibbard



Von Henderson
Orth Hedrick
Kathryn J. Hamilton
Jeff Gurican
Brent W. Gorden

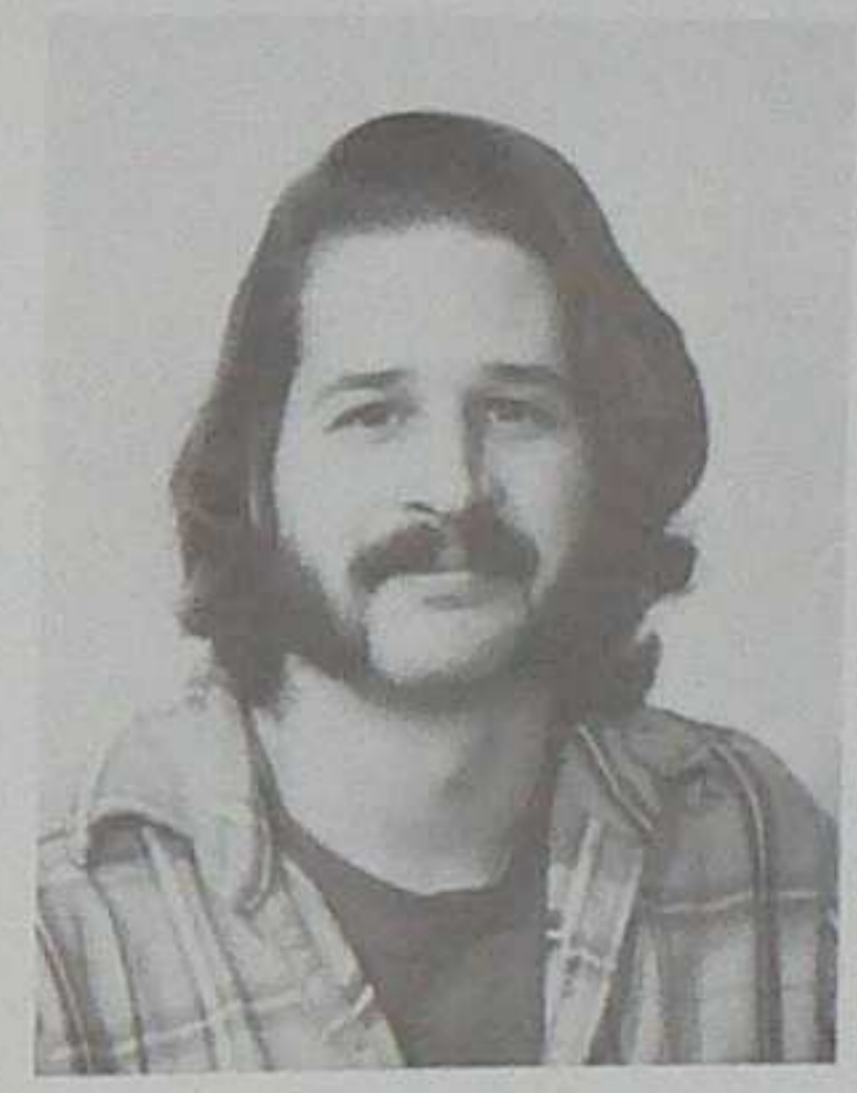
One is never satisfied with a portrait that one knows.

Goethe

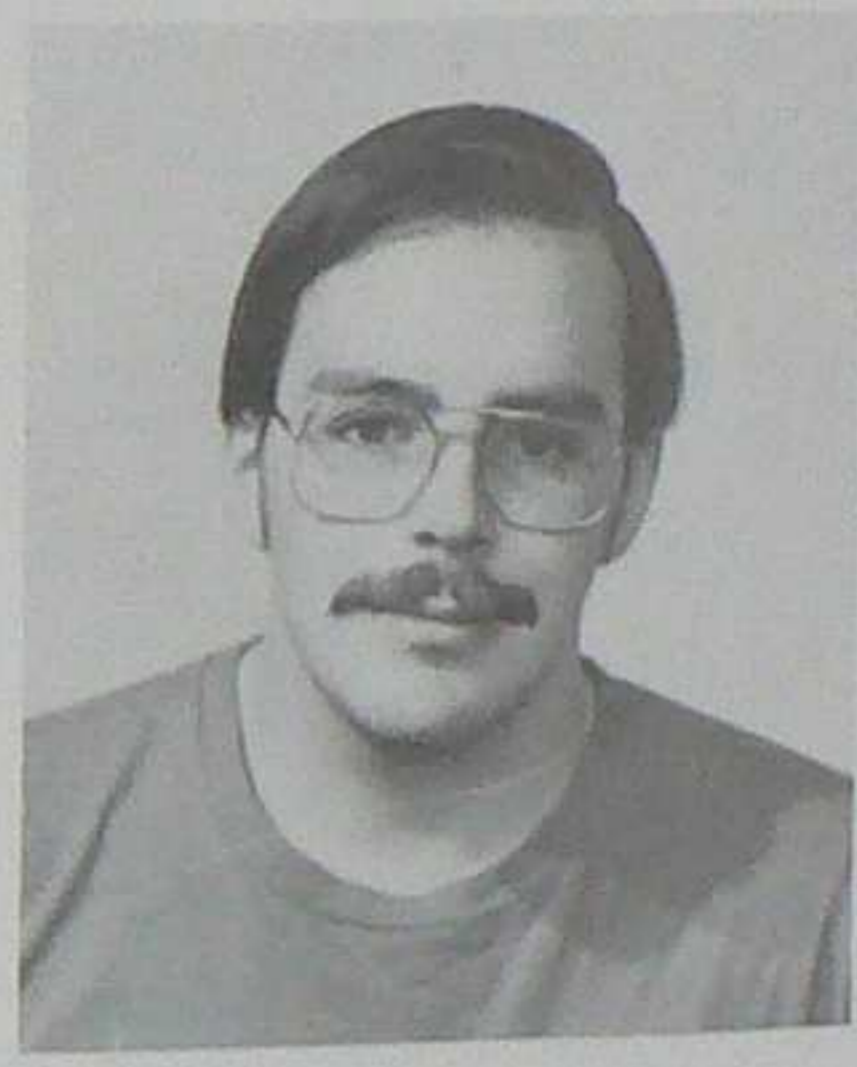


Leel Knowles
 Joel Brooke King
 Alan Kerr
 Thomas Keller
 Kathryn Keller

Reza Kashmiri
 Luke Jones
 Michael A. Jarpe
 Huang Vu
 Greg Hibbard



Von Henderson
 Orth Hedrick
 Kathryn J. Hamilton
 Jeff Gurican
 Brent W. Gorden



One is never satisfied with a portrait that one knows.

Goethe



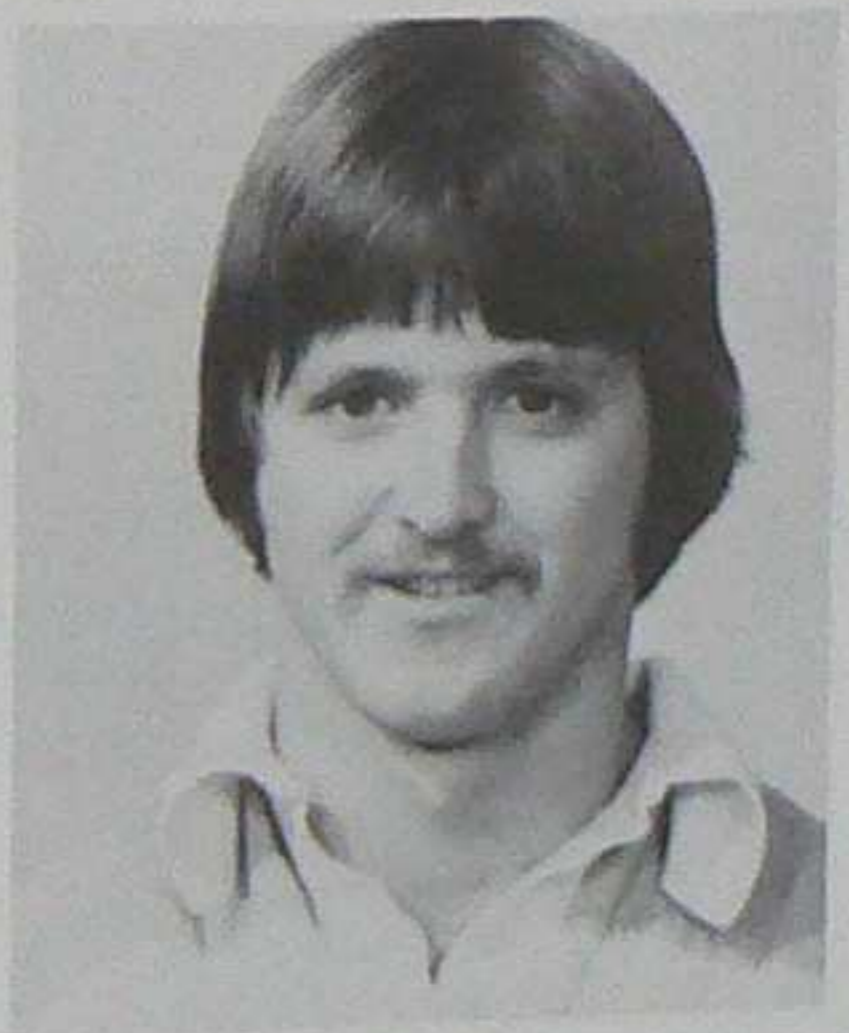
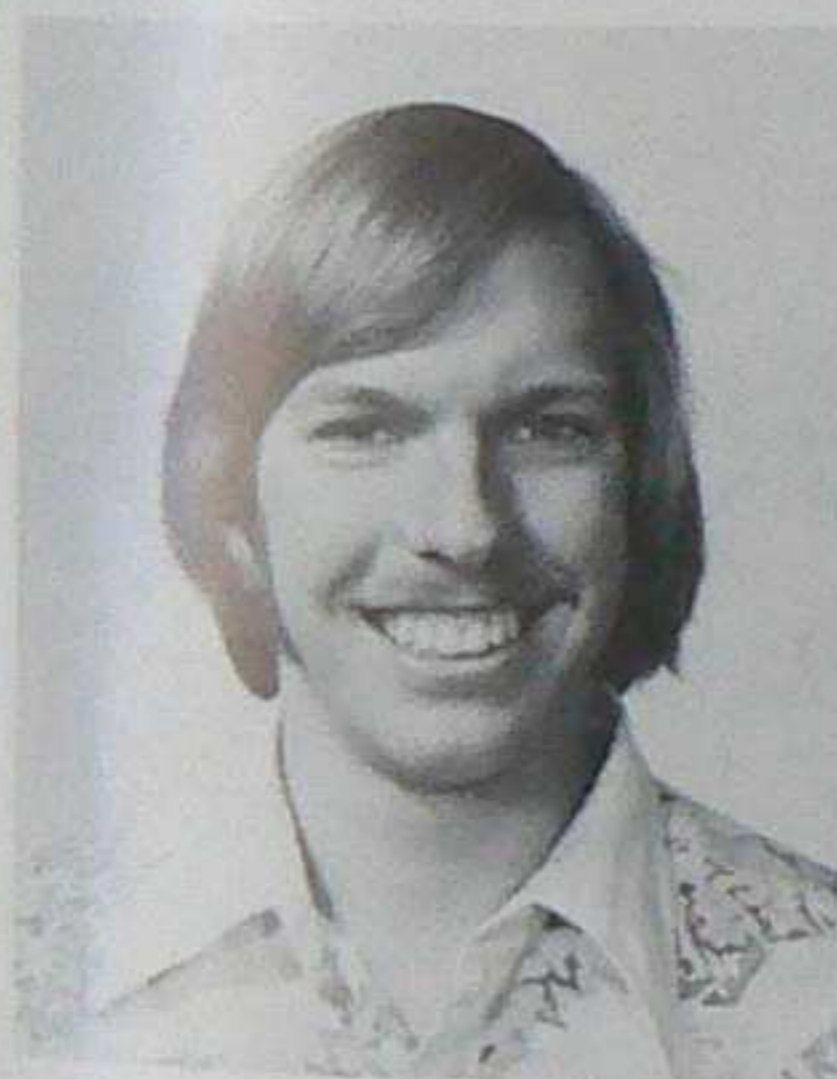
Tim Dunn

Kimeron 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





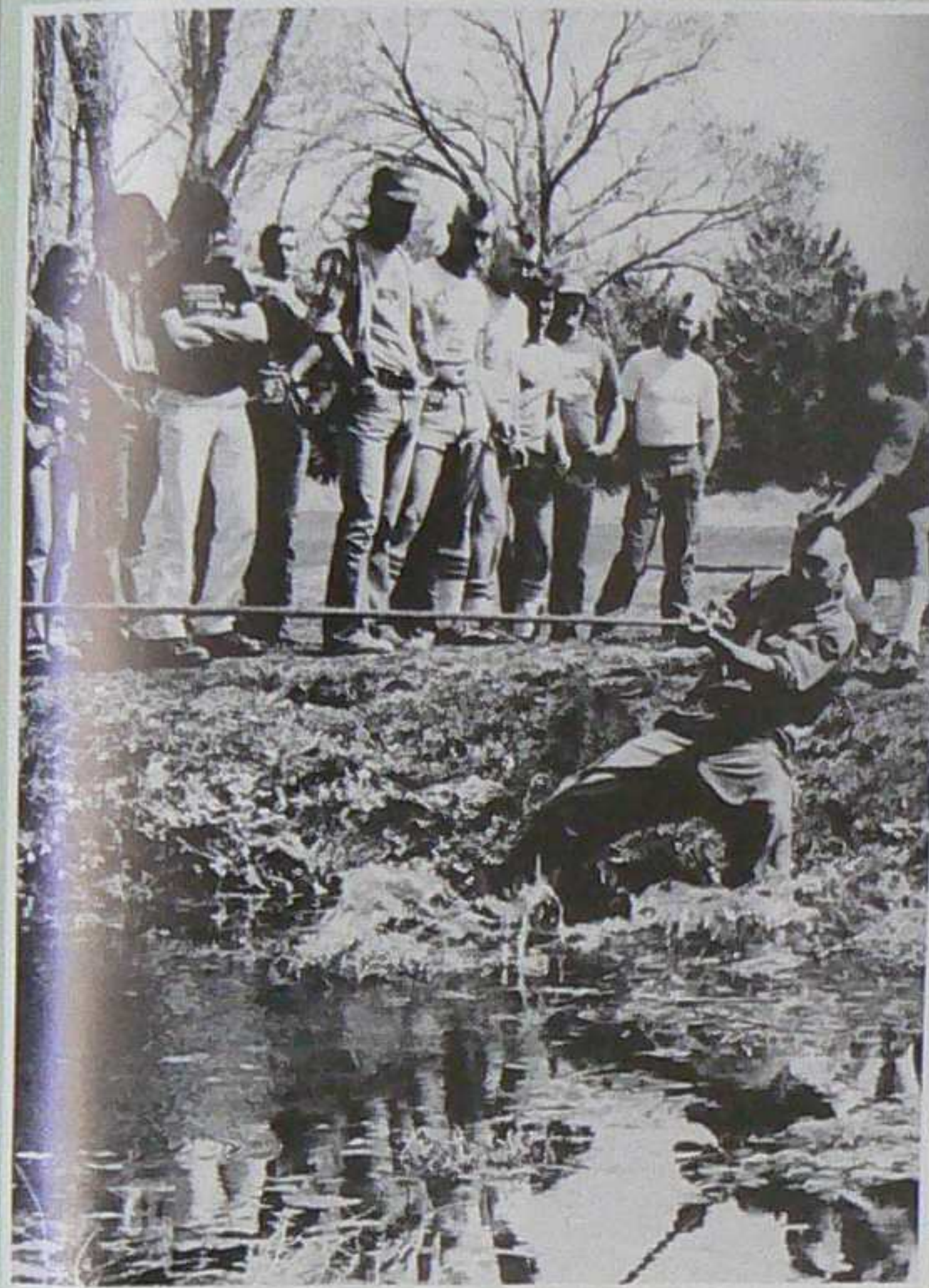
Luis R. Casiano
Mark Butcher
Susan Brennan



Chris R. Bradley
Gian Bacigalupa
Linda Armijo & Deja



Gilberto Angola
Eric Adams
Abdurrezag Abozaid



S
T.
P
A
T'S
S



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 $F=ma$ 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.



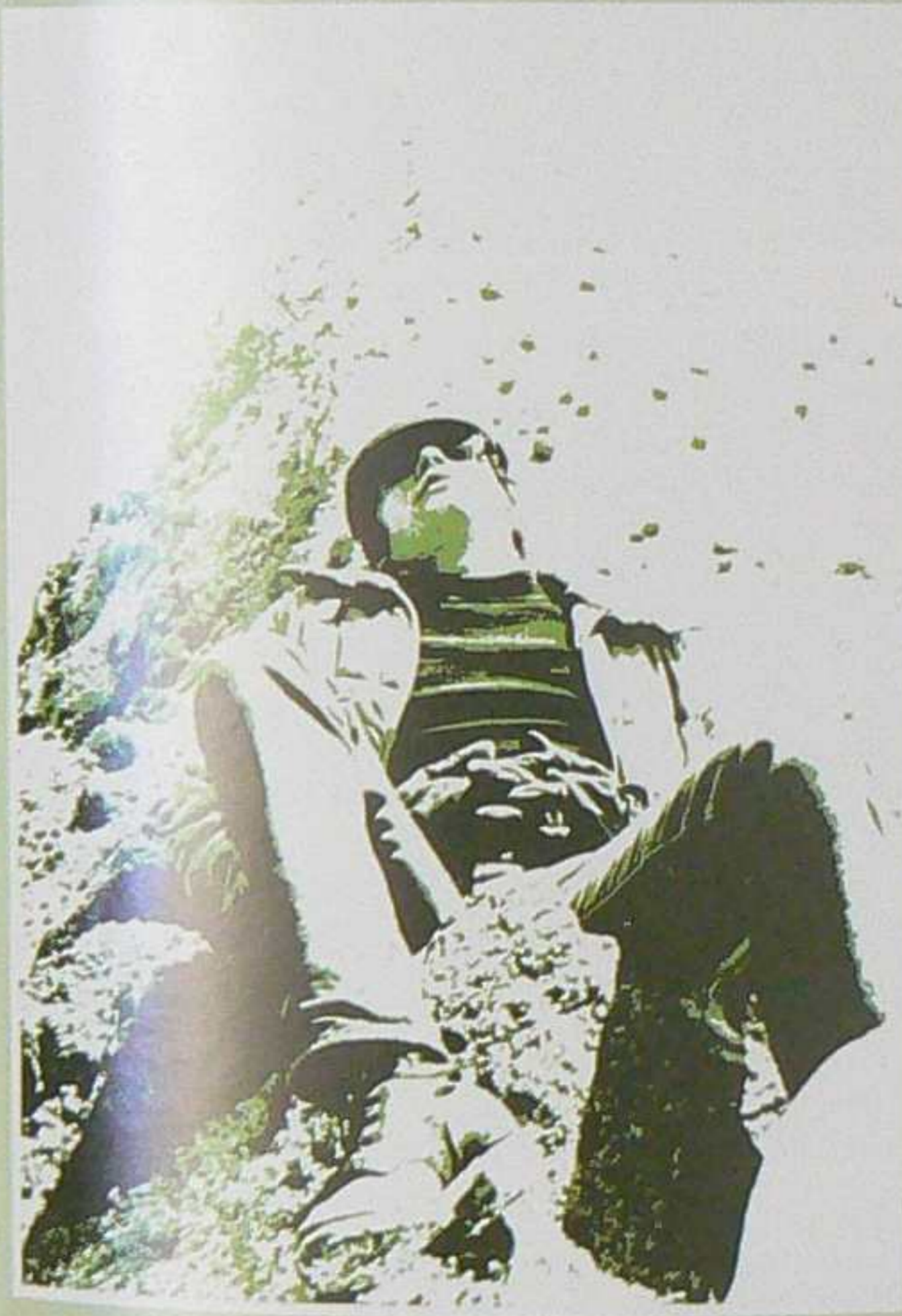
A well balanced student exists here, we think.
His entire future is poised on the brink.
And if by chance he slips and falls
We hope he'll only lose his ... pants.





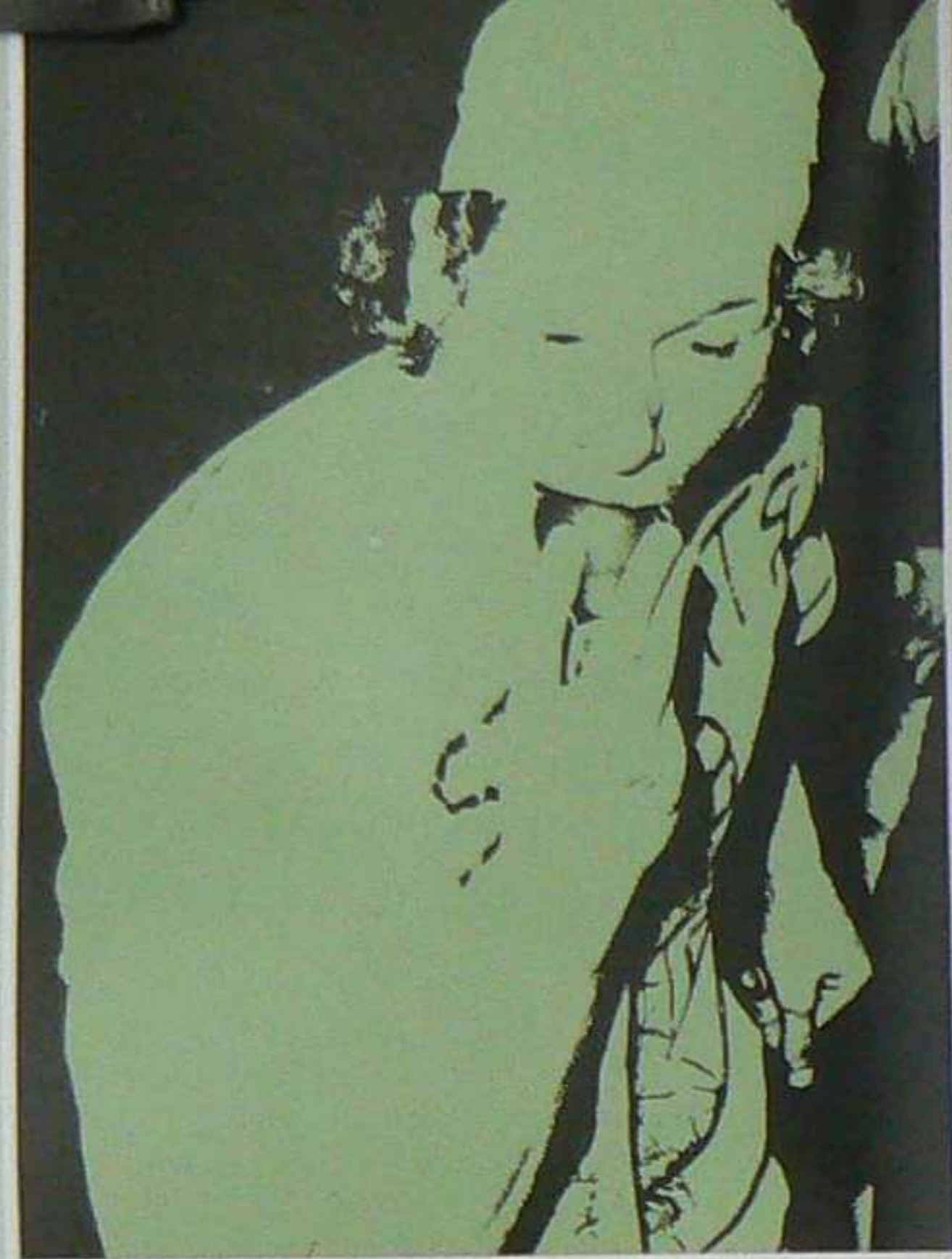
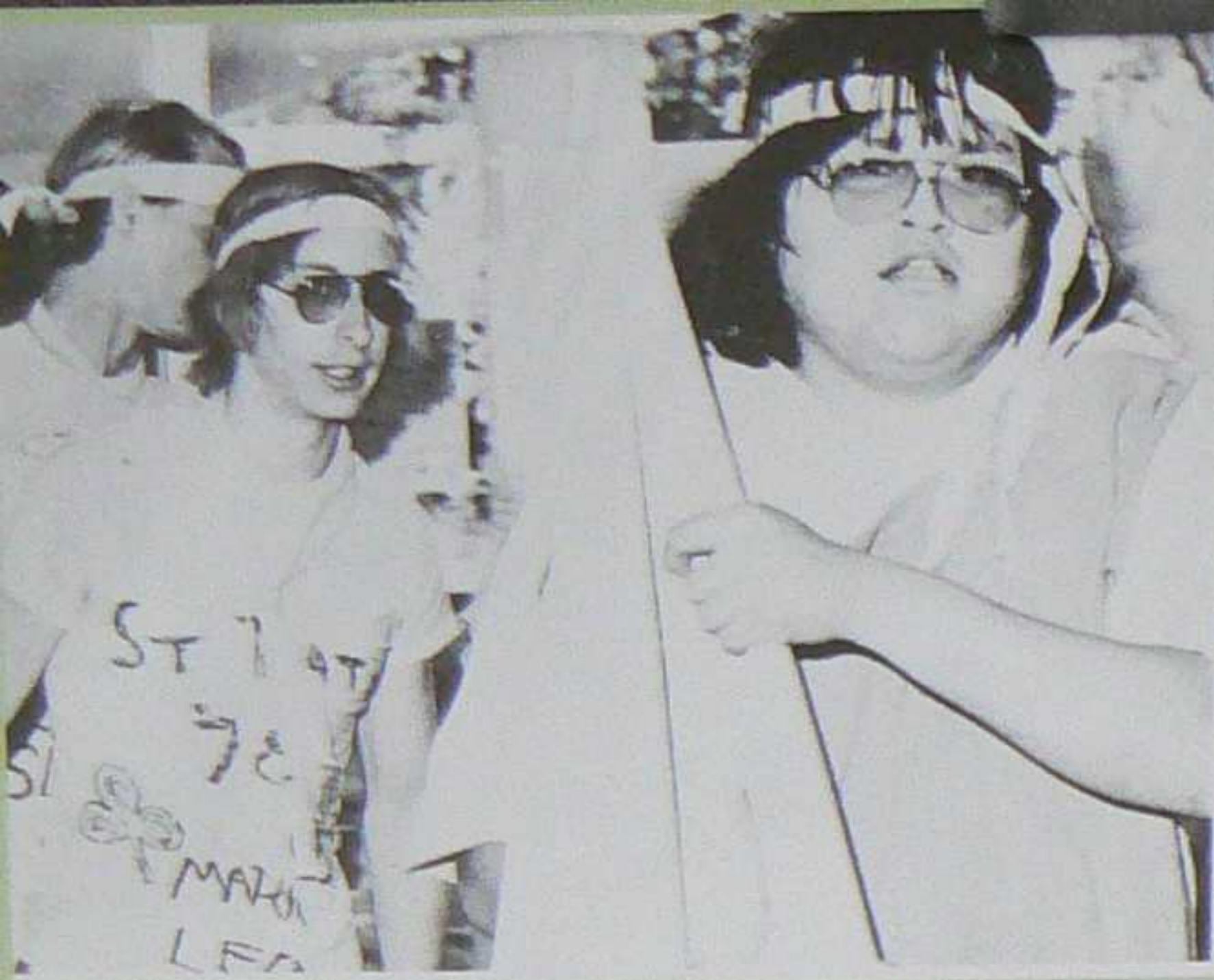
Another sure sign of St. Pat's
depravity
Is aerial acrobats, defying gravity
By leaping in pits and throwing
in friends
This attraction for muddiness
only portends
That during the day, if you want
to stay clean,
Stay away from the pits. (If you
know what I mean.)





Who would believe that, powered by
barley,
The students could cause such a row?
From pie fights to M-climb to
Green genitilia,
And suffering threats of, "Watch out
or we'll bill ya."
It should seem apparent by now...



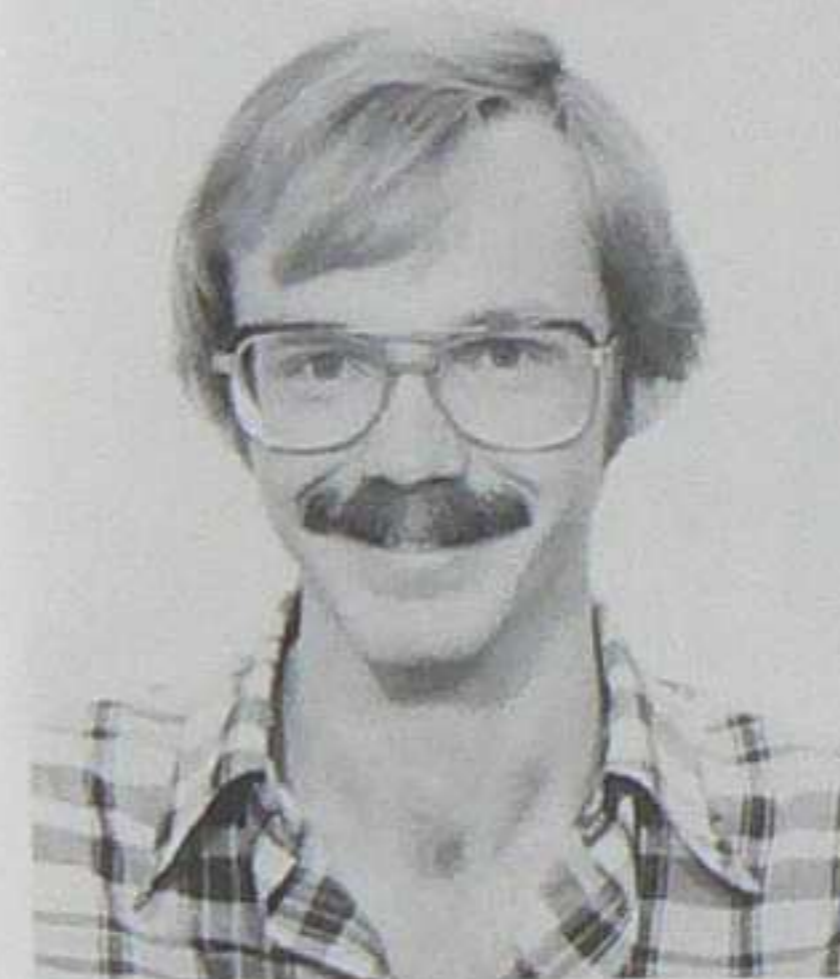


...that students who work hard
Must play hard as well
And together we'll endure each
new passing hell.

St. Pat must approve or we'd
retaliate
And spray paint green sham-
rocks all o'er heaven's
gate!



Graduates



Peter Belkin, Hydrology
Robert Blackmore, Chemistry



Anthony Atchley, Physics
John Bauch, Geology

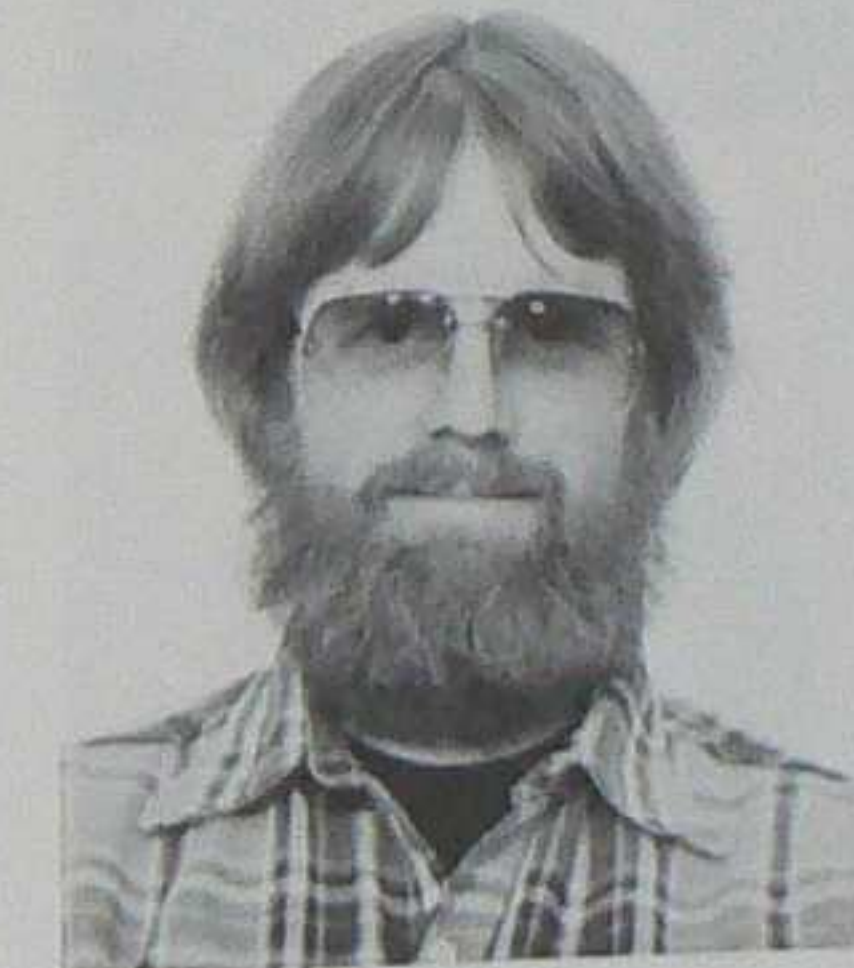


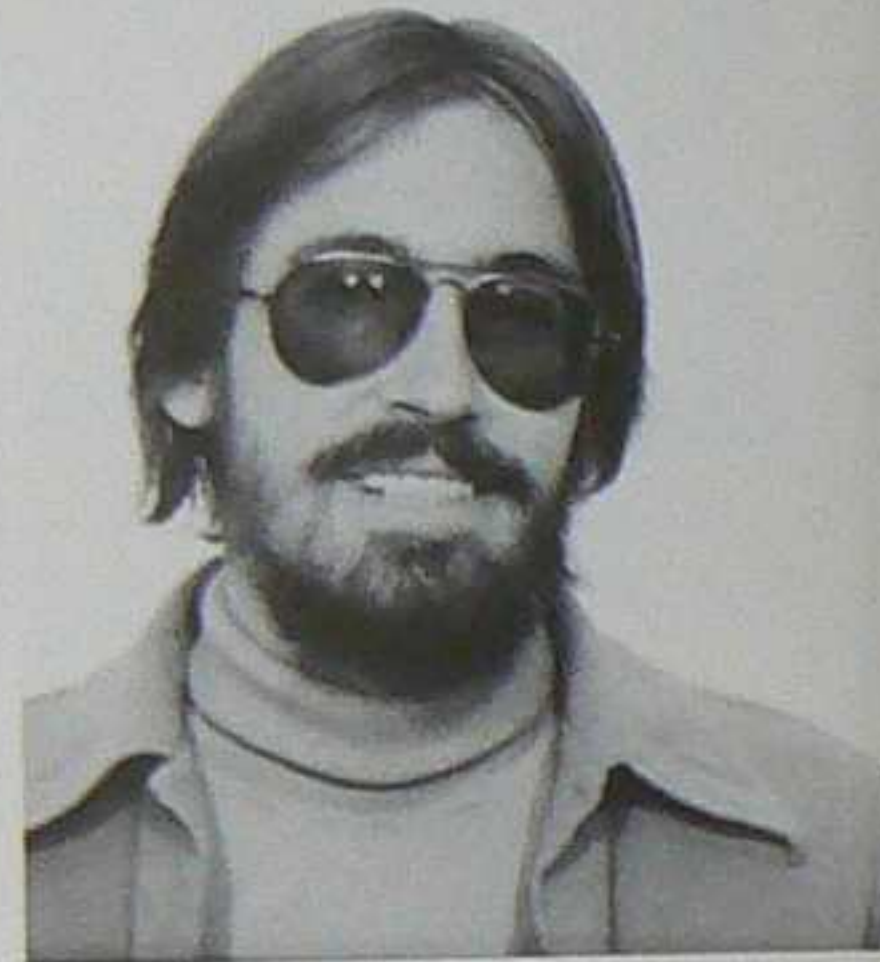
Carl Brannen, Math
Patricio Calderon, Psychology & Education
Phillip Carpenter, Geophysics



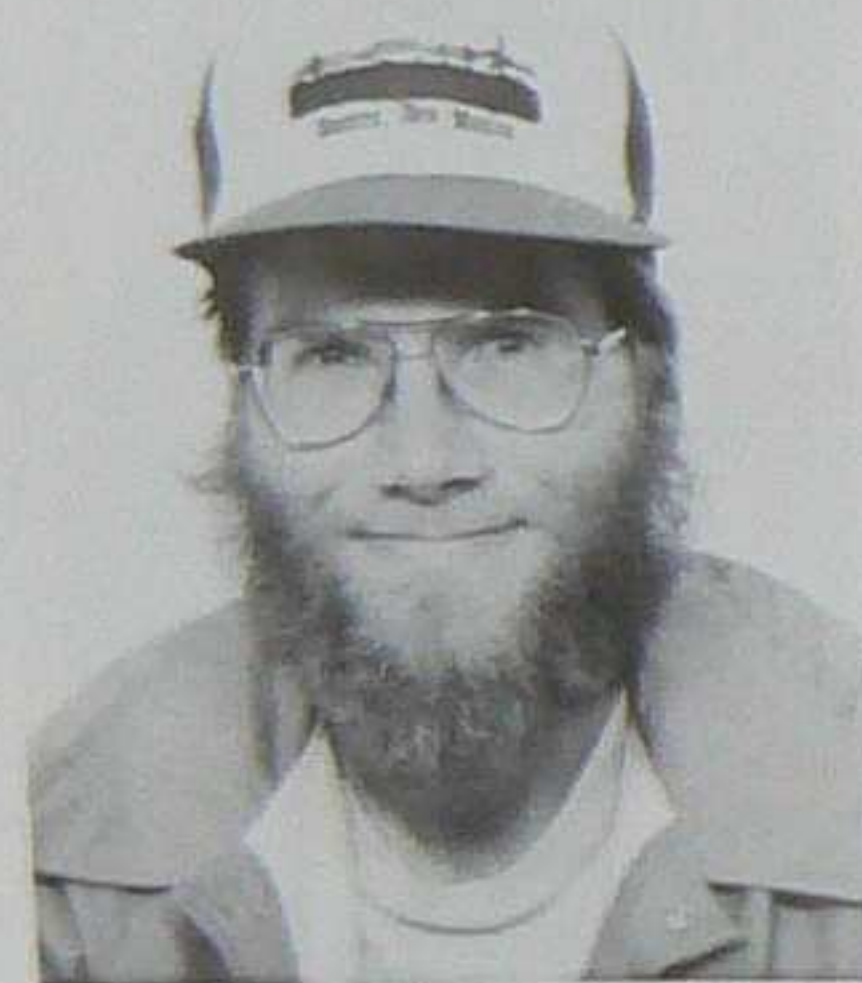
Travis Cato Jr., Geology
Amelia Dondero, Metallurgy
Christian Ellgwe, Metallurgy
John Fassel, Geochemistry
Beth Ann Garret, Math-

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



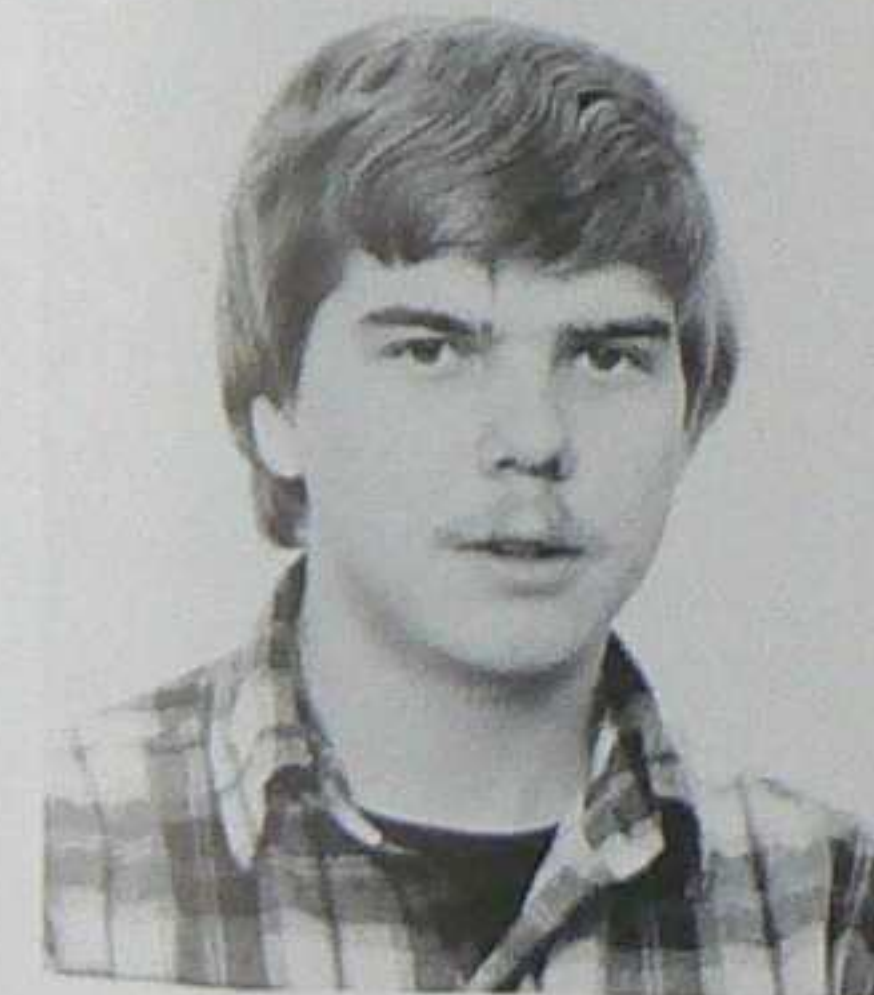


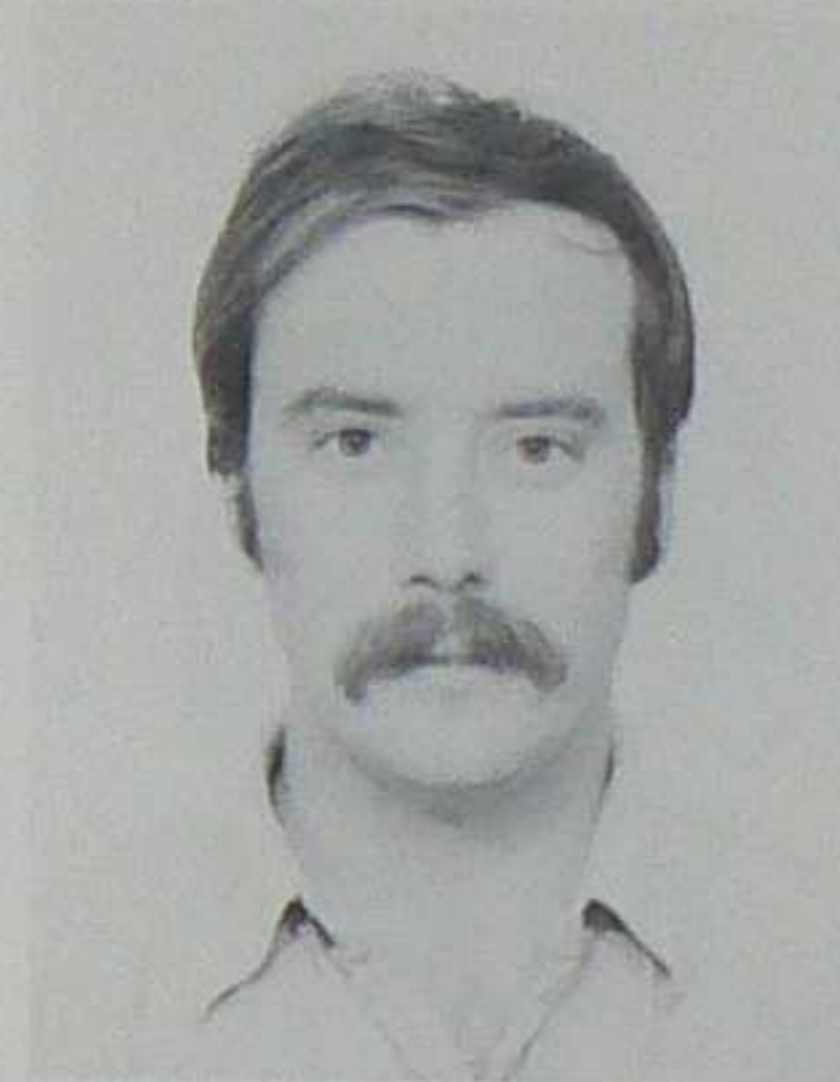
David Hawkins, Hydrology
John Hawley, Physics
Dan Holden, Physics



Jeff Johnson, Computer Science
Bingo Jones, Computer
Dan Kirby, Metallurgy
Philip Kozushko, Mining

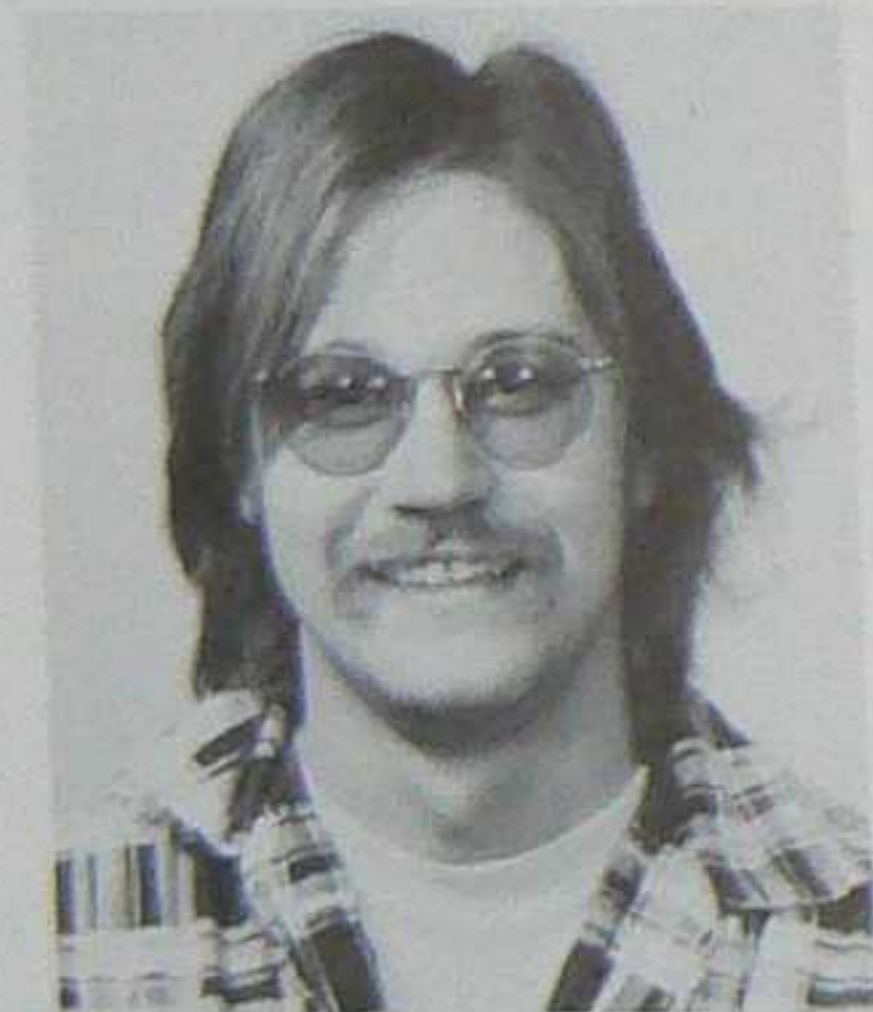
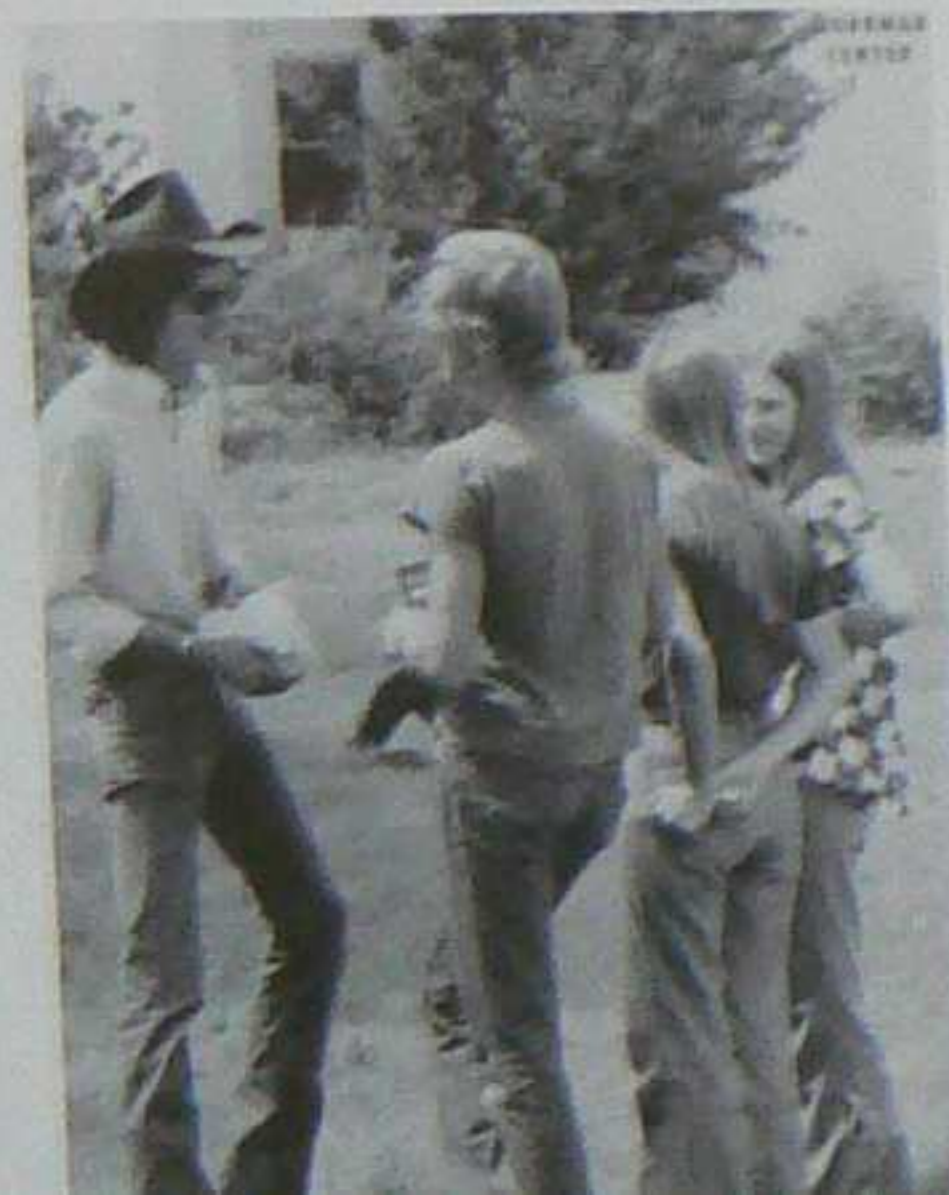
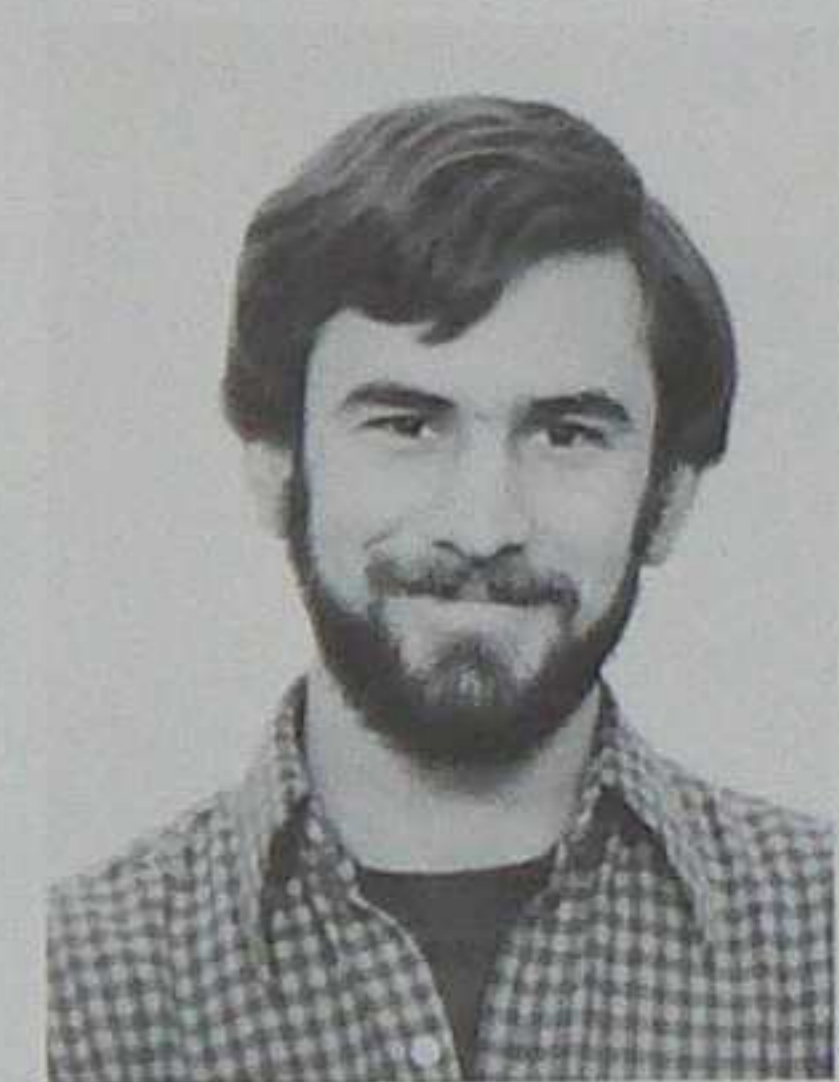
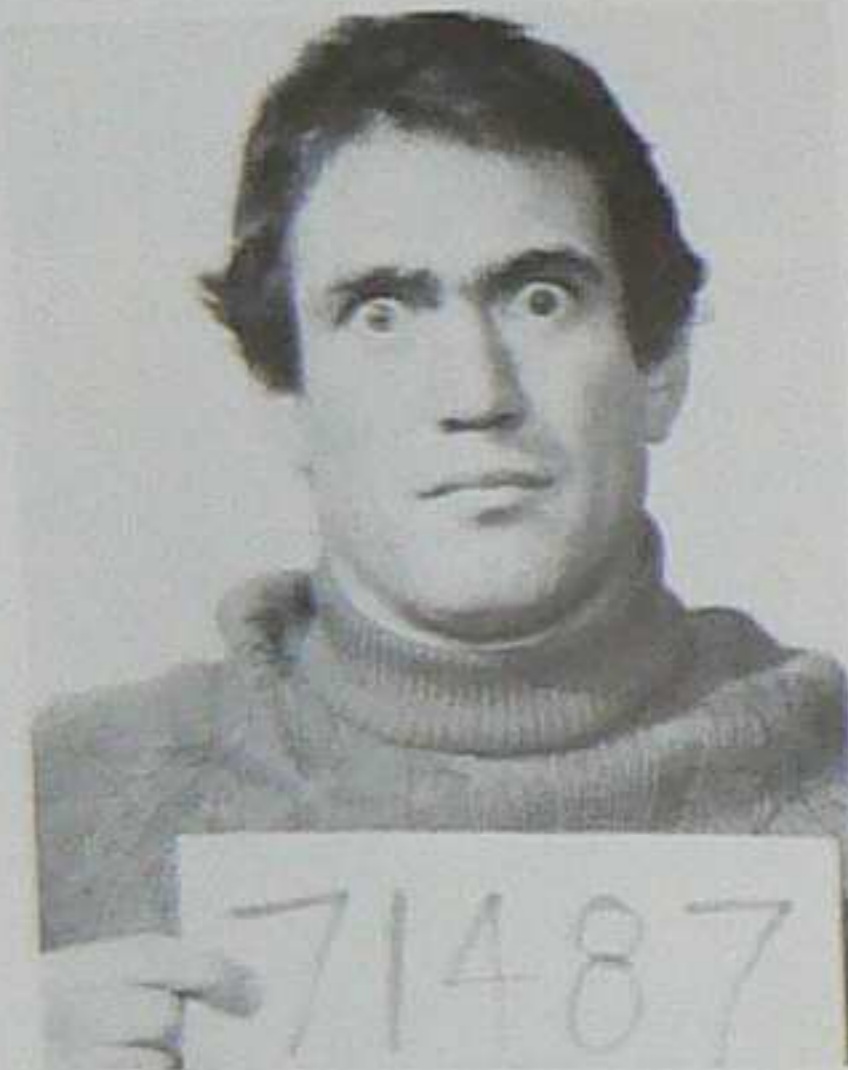
Hau T. Lim, Petroleum
Dyer Lytle, Physics
Jim Mabon, Metallurgy





Ashok Mehta, Metallurgy
 Cathy Aguilar-Morgan, Petroleum
 Stefen Nachtsheim, Petroleum
 Jennifer Nelson, Mining
 Ned Ross Pendleton, Environmental Eng.

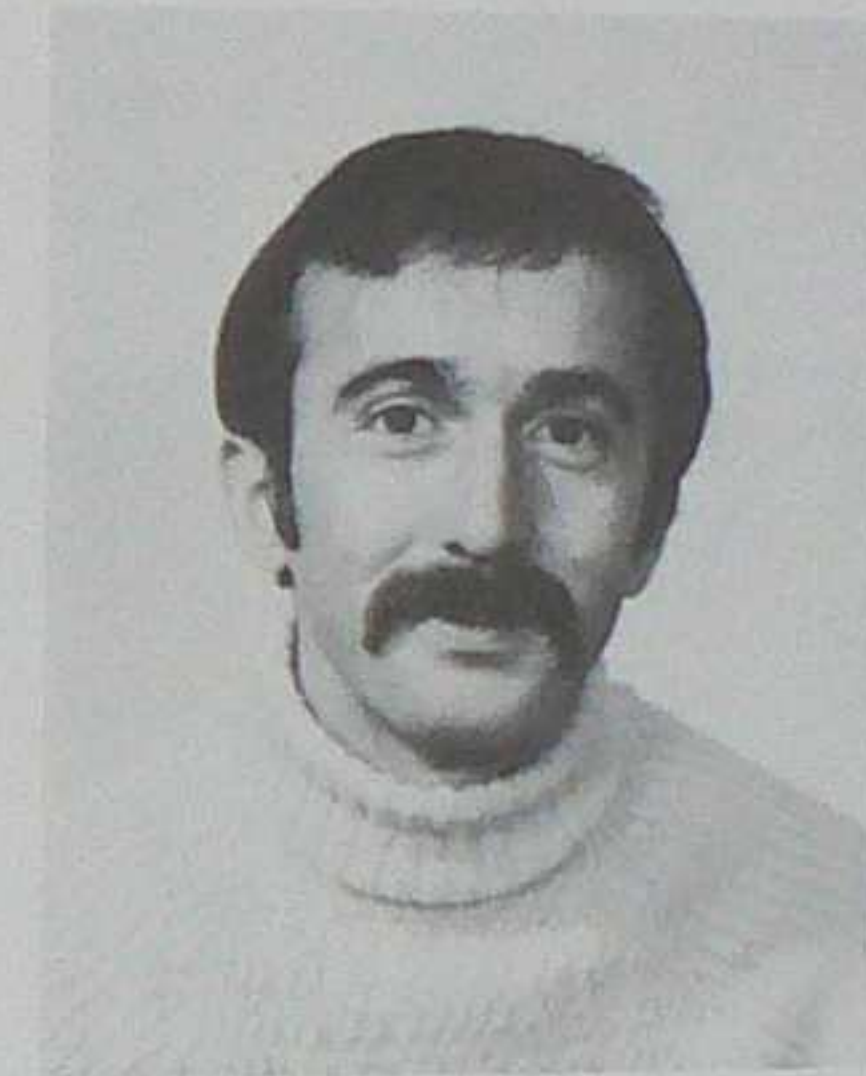
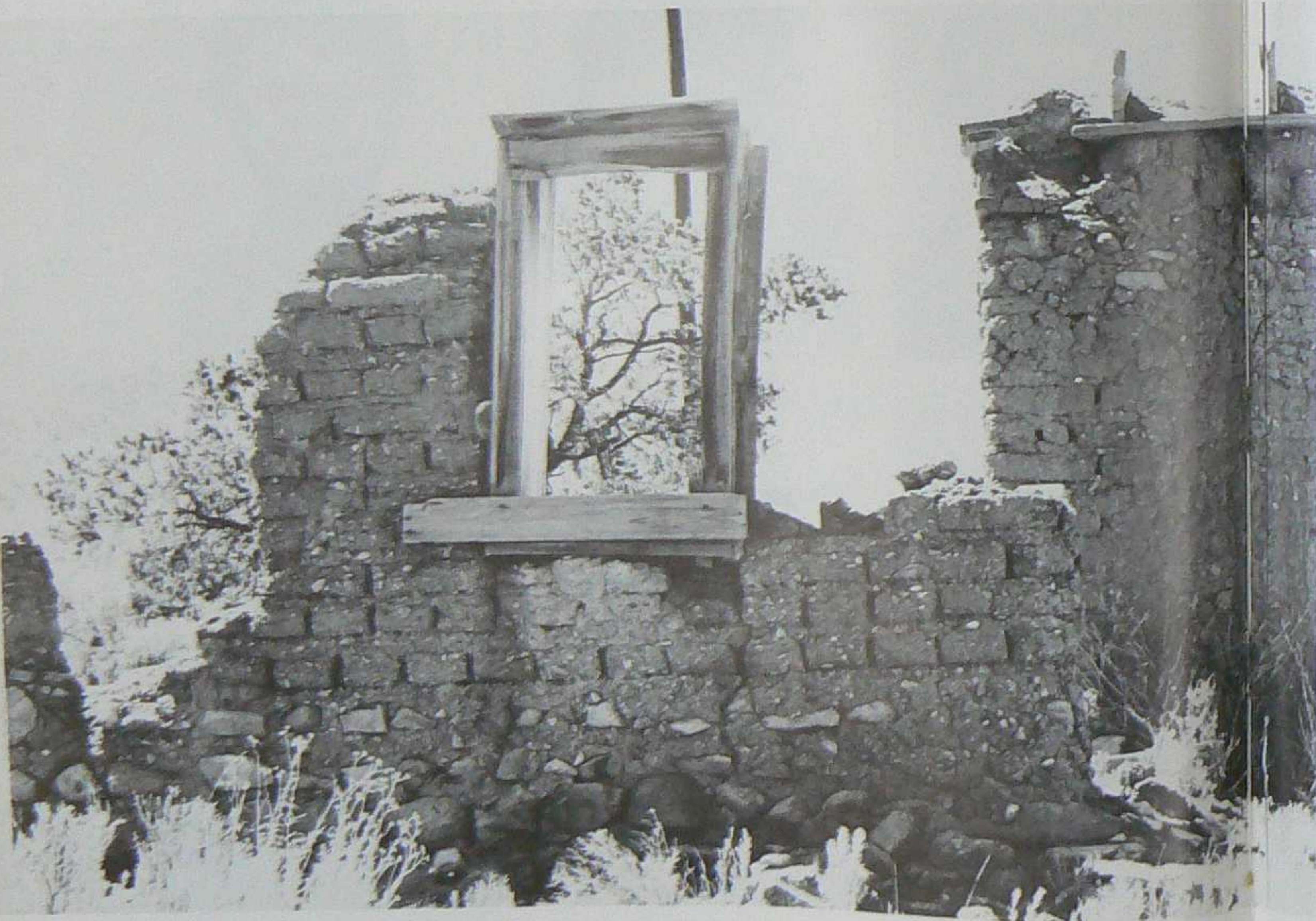
Phillip Poirier, Chemistry
 Moe Poteet, Computer Science
 Robert E. Reisinger Jr., Biology
 Jeffrey Roach, Geophysics
 Charles V. Robino, Metallurgy



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



Hoang Vu, Metallurgy
Shing-Hoa Wang, Metallurgy
Scott Williams, Mining
Kennard V. Wilson Jr., Chemistry
Jim Yeh, Hydrology



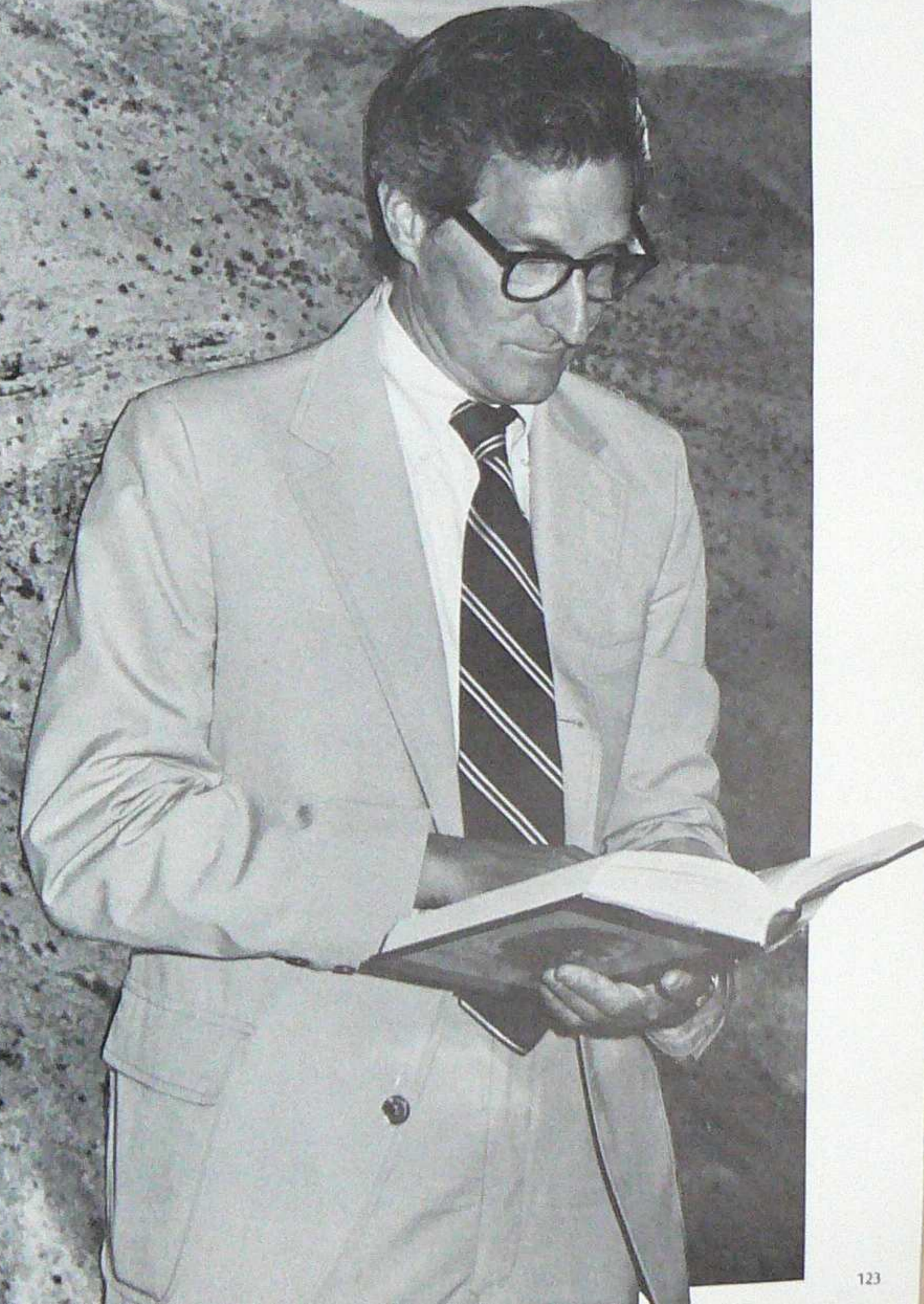
Necati Yildiz, Mining
Kaveh Zarrabi, Chemistry



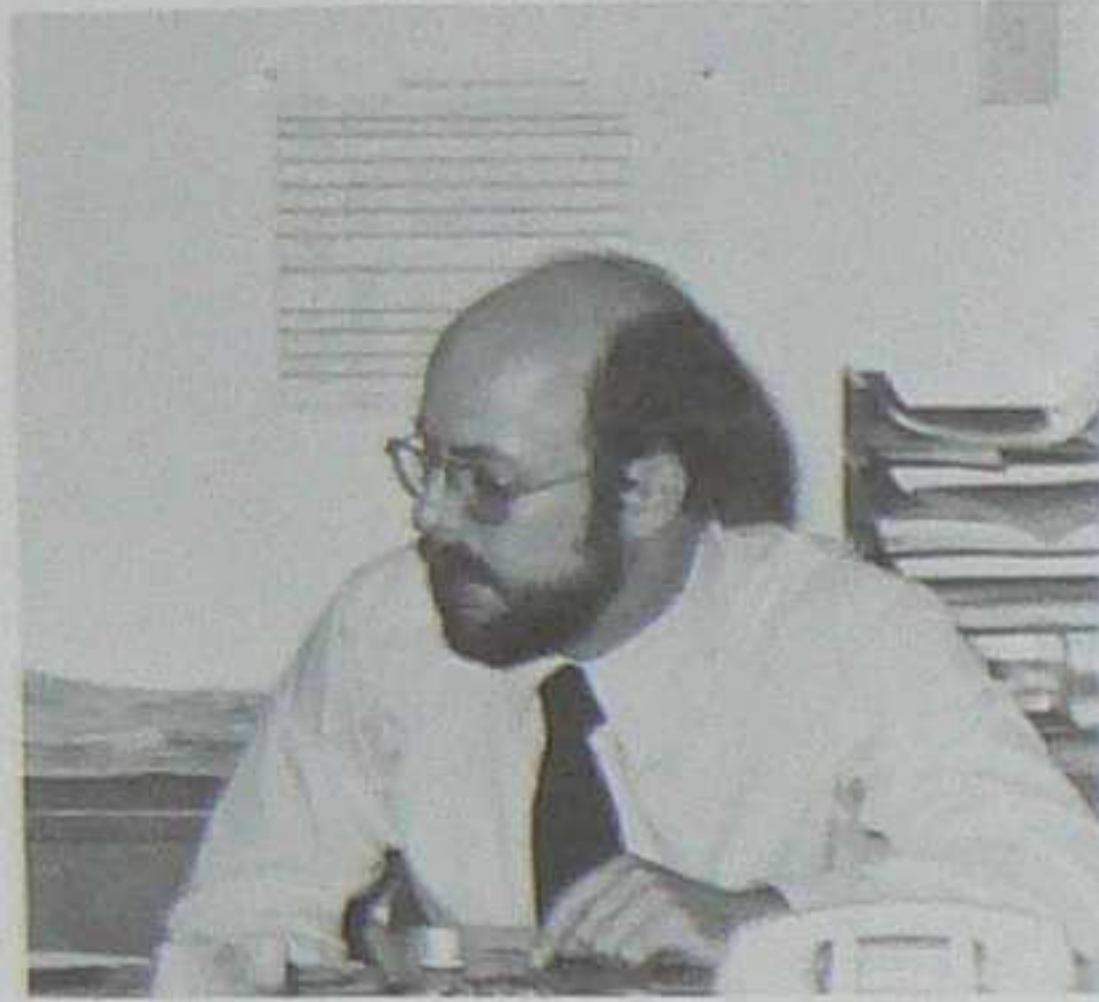
Administration



Upper left: Regent John M. Kelly, Deceased 9-77. Lower left: L to R, Regents David Rice, Steve Torres, Judy Floyd, William G. Abbott, Owen M. Lopez. Right: Kenneth W. Ford, President of the Institute.



William Winkel
Director of Auxiliary
Services (1978-1980)



Bill Bradley
Director of Auxiliary
Services (1981-)



Ron Hamm
Director of Information
Services (1979-)



Jack Pearce
Director of Information
Services (1973-1978)

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



Simon Gormley
Director of Financial Aids
(1977-1980)



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)

Lee Lebbin
Director of the Library

Elizabeth Yost
Assistant to the President



Louise E. Chamberlin
Director of Admissions

Louise Martin
Director of Personnel/
Affirmative Action



Stephen O. Mitchell
Vice President for
Administration



Marx Brook
Director of
Research & Development



Charles C. Nathan
Director of
Energy Institute



L. Guy Donaruma
Vice President for
Academic Affairs



Joseph J. Taber
Director of
Petroleum Recovery
Research Center



Marvin H. Wilkening
Dean of Graduate
Students



Virginia D. Marquez
Registrar



Gary R. Olsen
Dean of Students
(1977-)



Paige W. Christiansen
Dean of Arts & Sciences



Robert Cormack
Dean of Students
(1975-1977)

Arpad E. Torma
Dean of Engineering



William E. Hemenway
Business Manager



Thomas Zimmerman
Chief of Security



Barbara Gutierrez
Asst. Director of
Financial Aids (1979-1980)



Richard L. Gibson
Plant Superintendent

Lois Bell
Asst. to Dean



Donald L. Salmon
Director of Development &
Alumni Affairs



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

Joyce Salmon
Assistant to the President

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

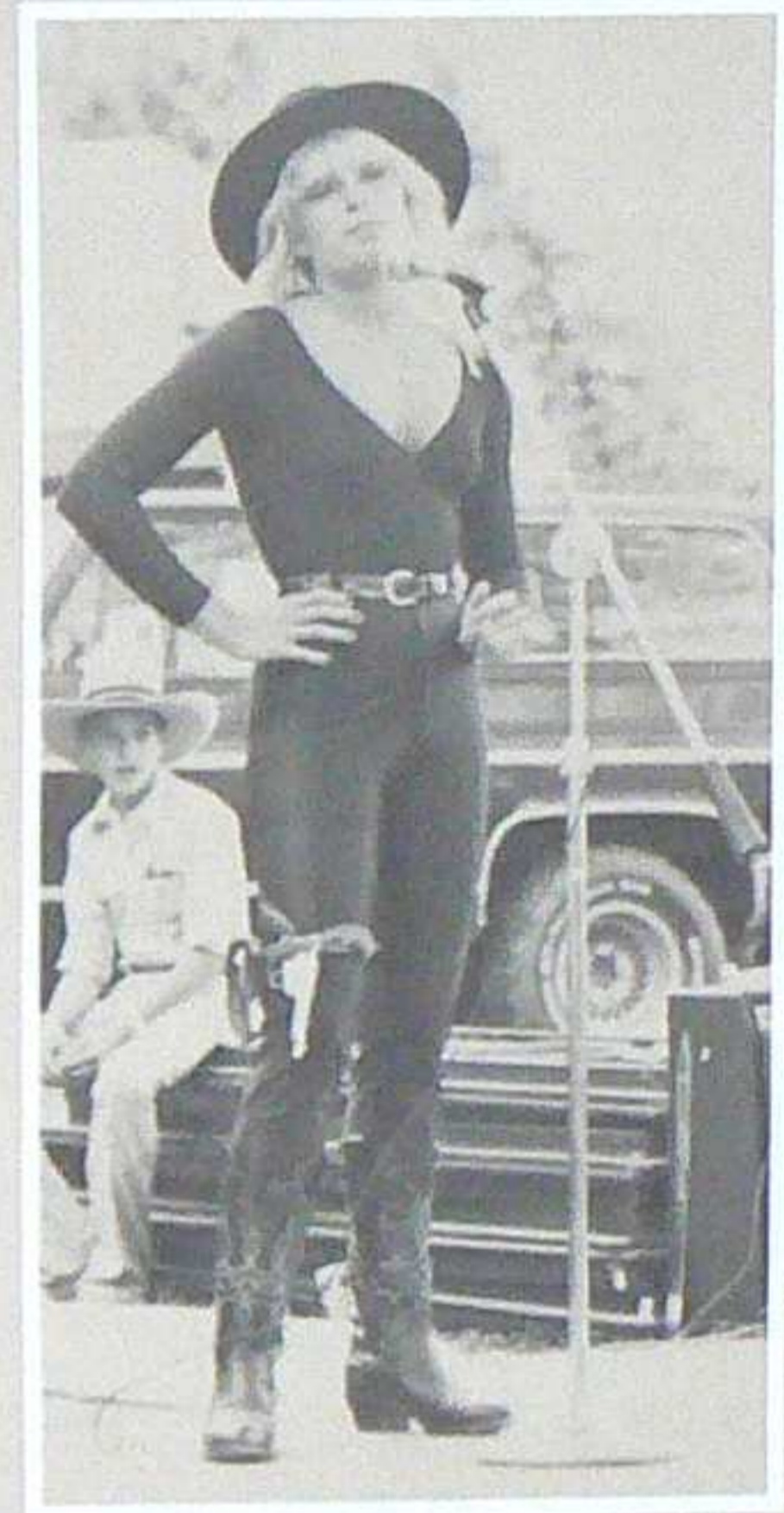
Heinz Lessau
Grounds Superintendent

also



Celebration
49ers





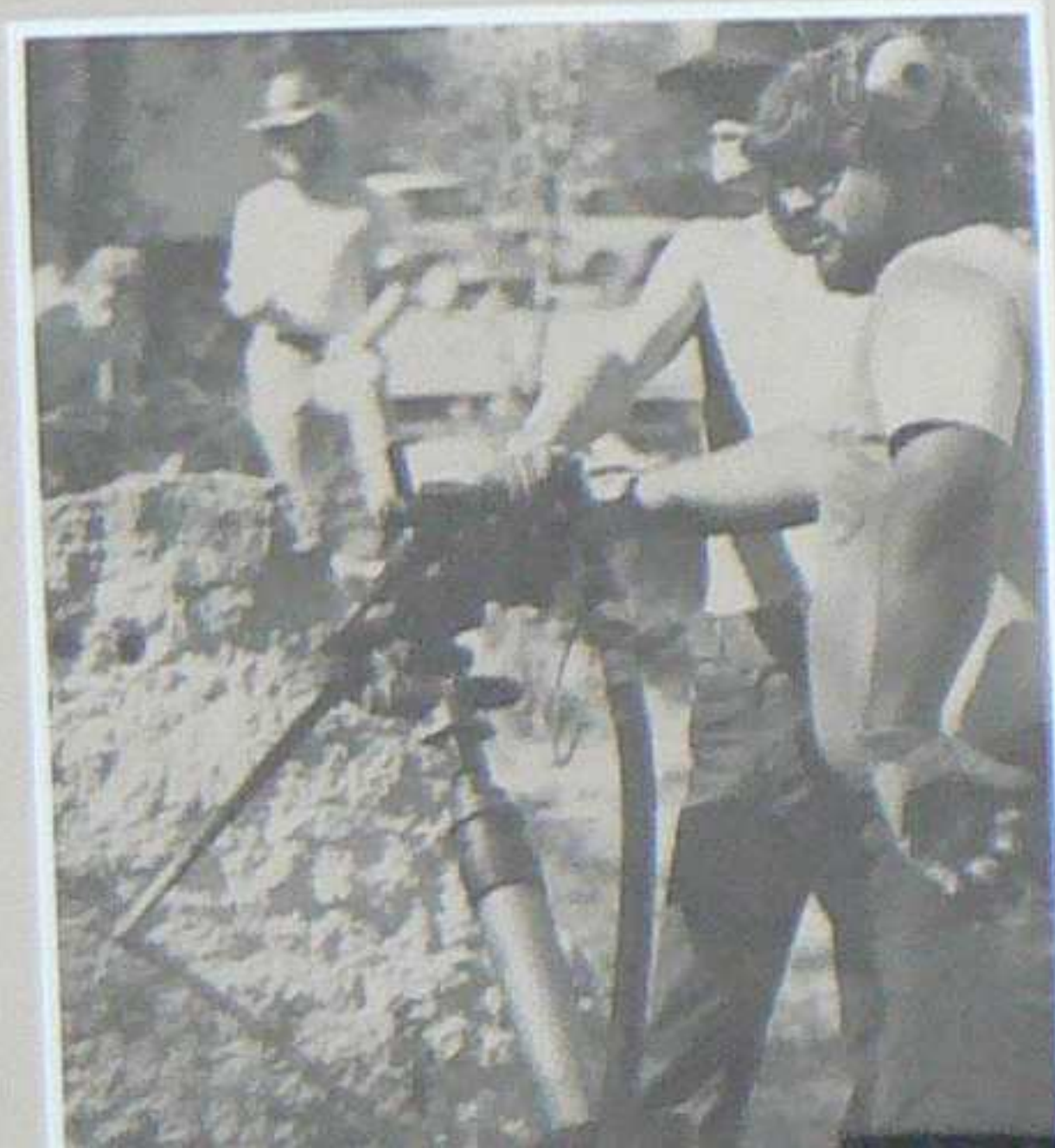
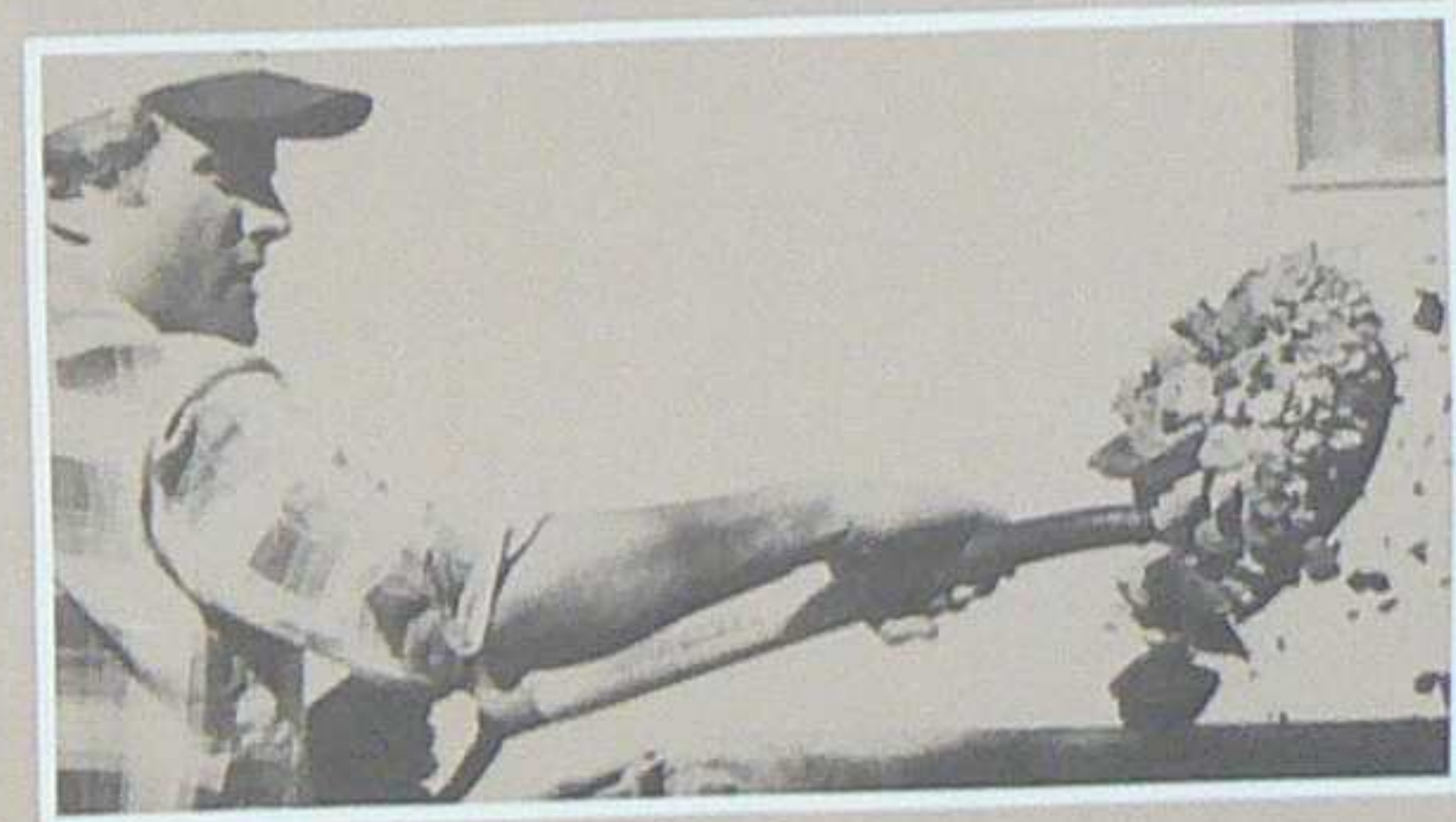
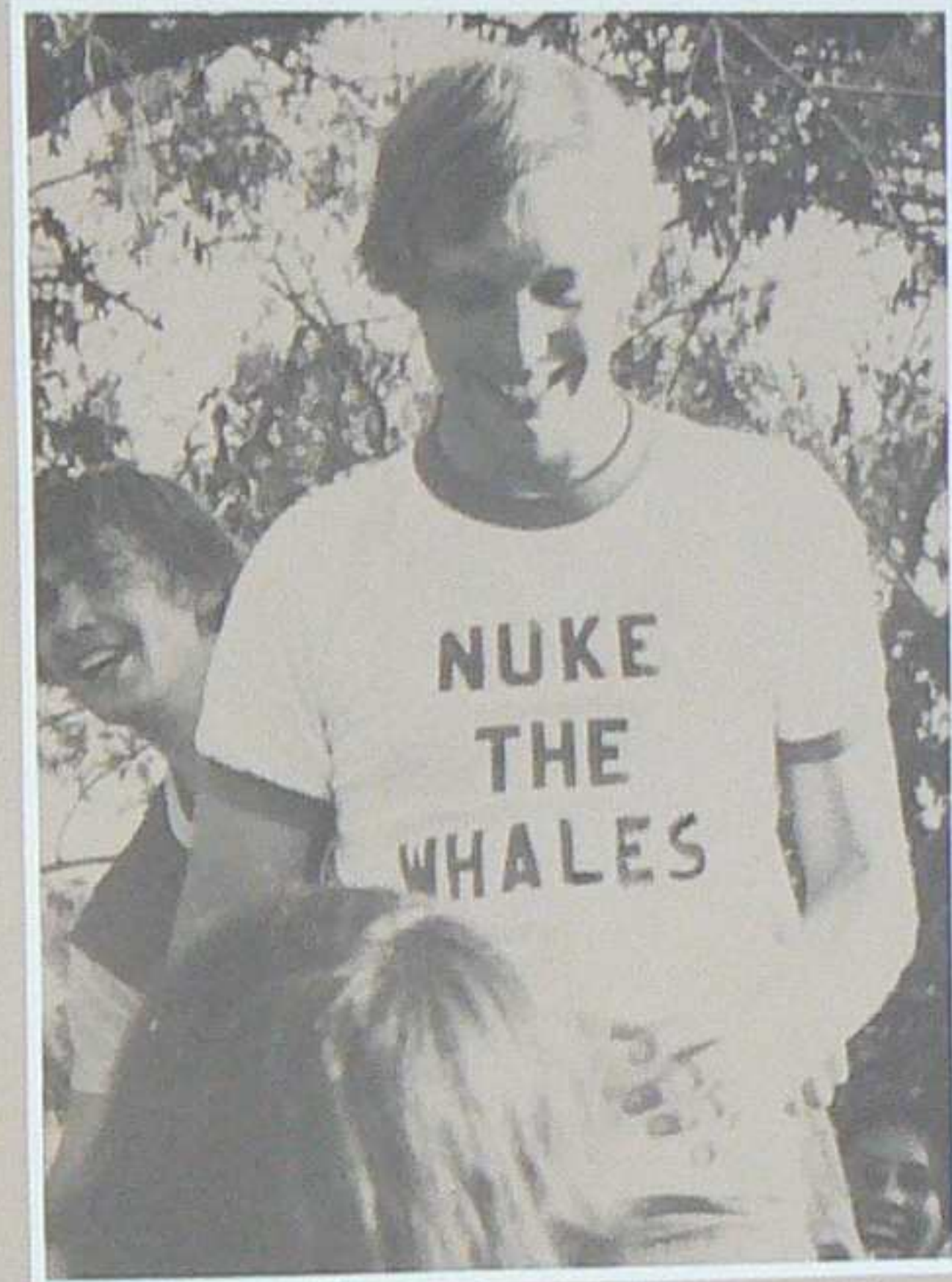
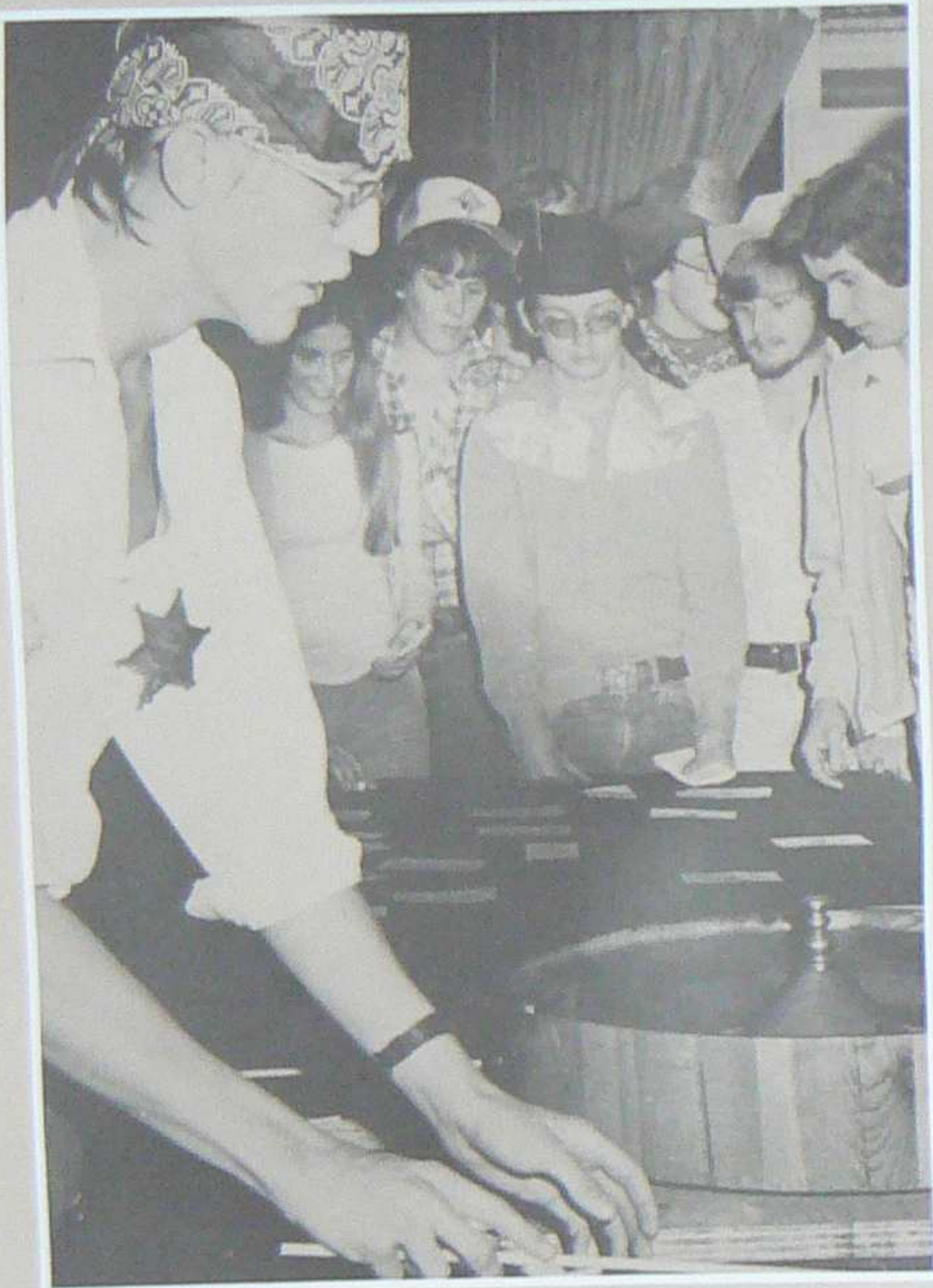
One fine day
 somebody found some
 gold in a stream in
 California. This resulted
 in the Gold Rush of 1849.
 That, in turn, was a
 primary factor in the set-
 tlement of the west. A
 well-populated west and
 a desire to remove some
 of the precious metals
 scattered all around it
 were two primary
 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.

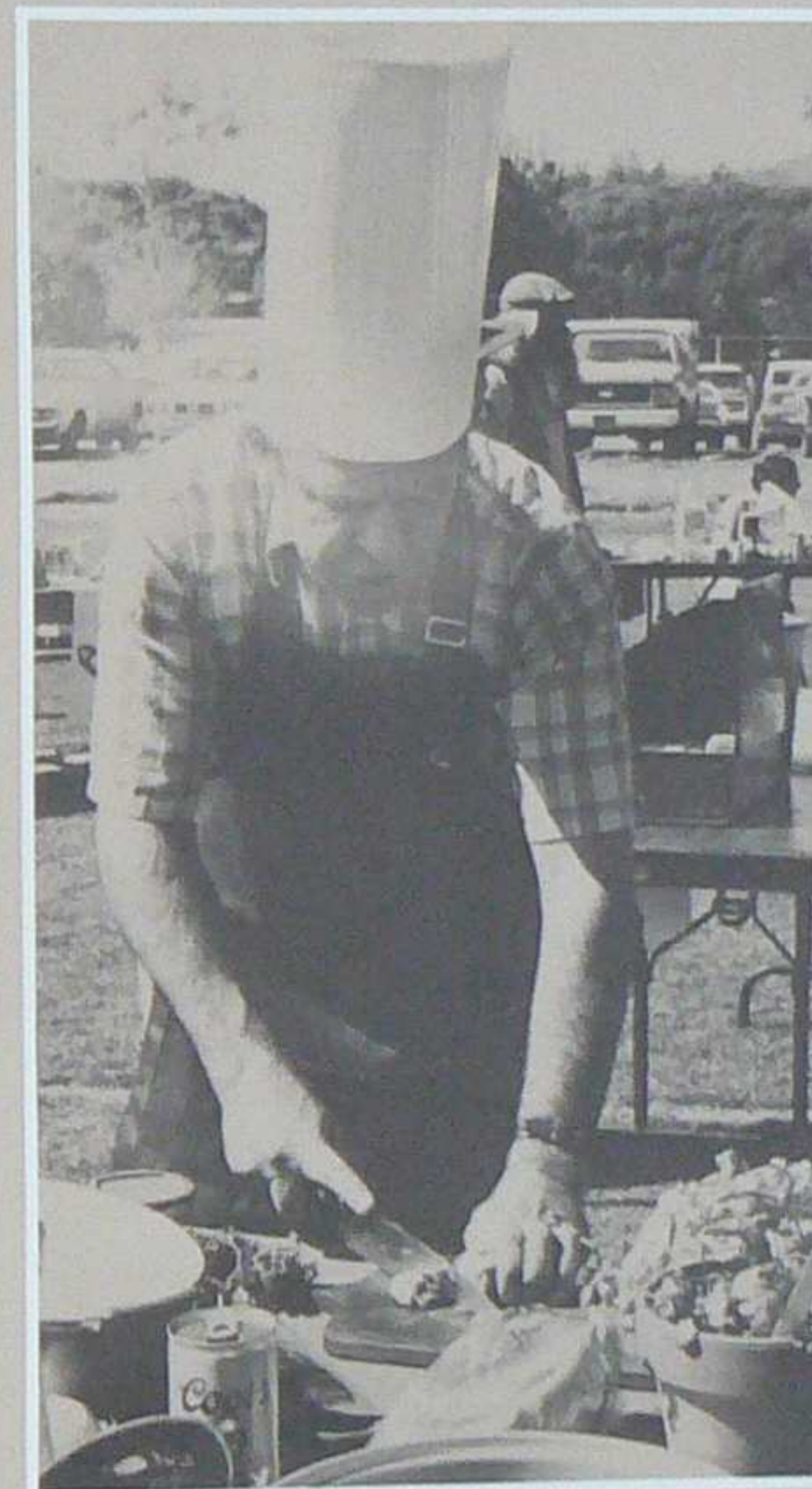
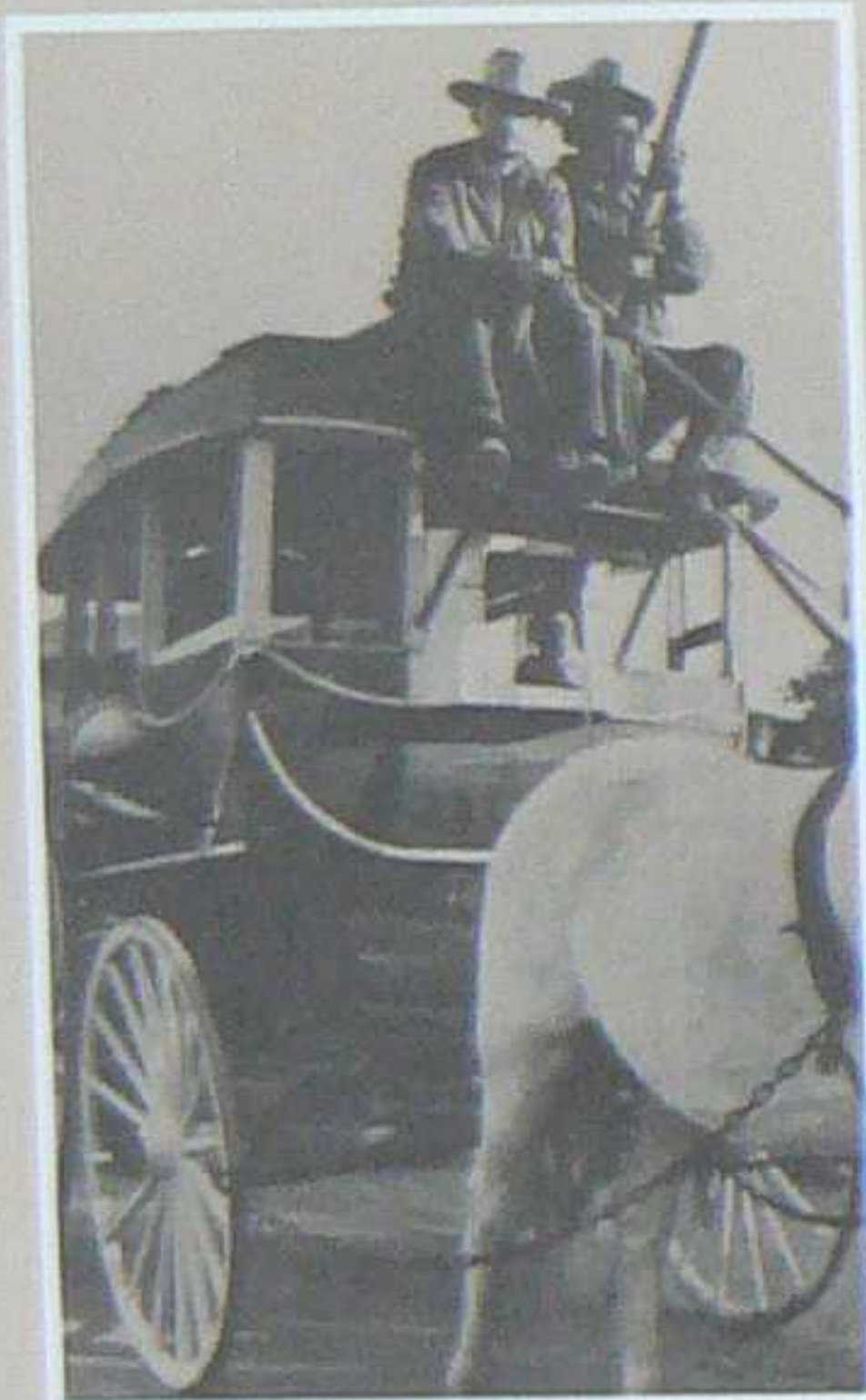
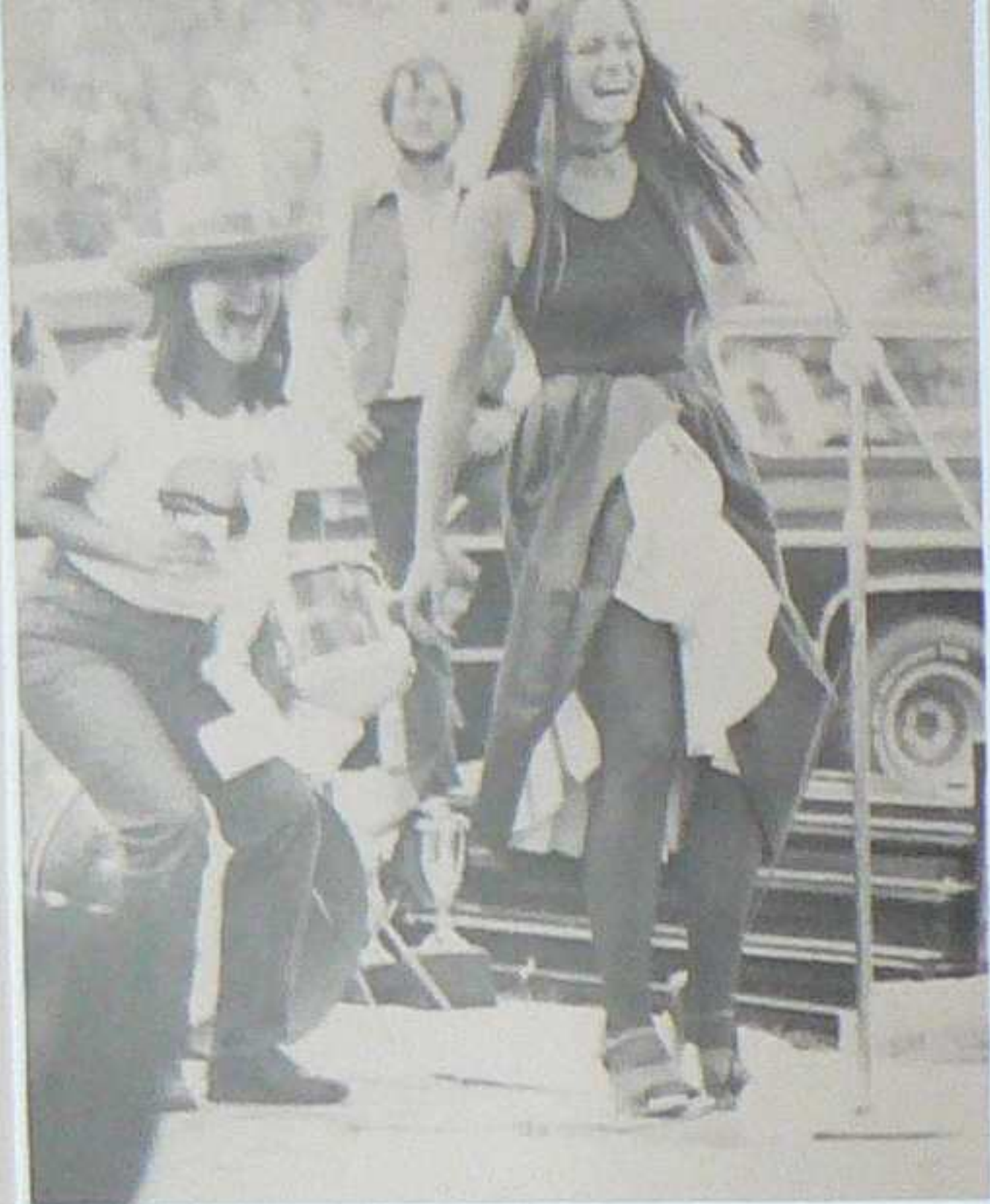
Although it wasn't held at all for seven years (1960-66), 49er's today is much the same as it has always been; most of the traditions have survived the decades essentially unchanged.





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





SUSAN

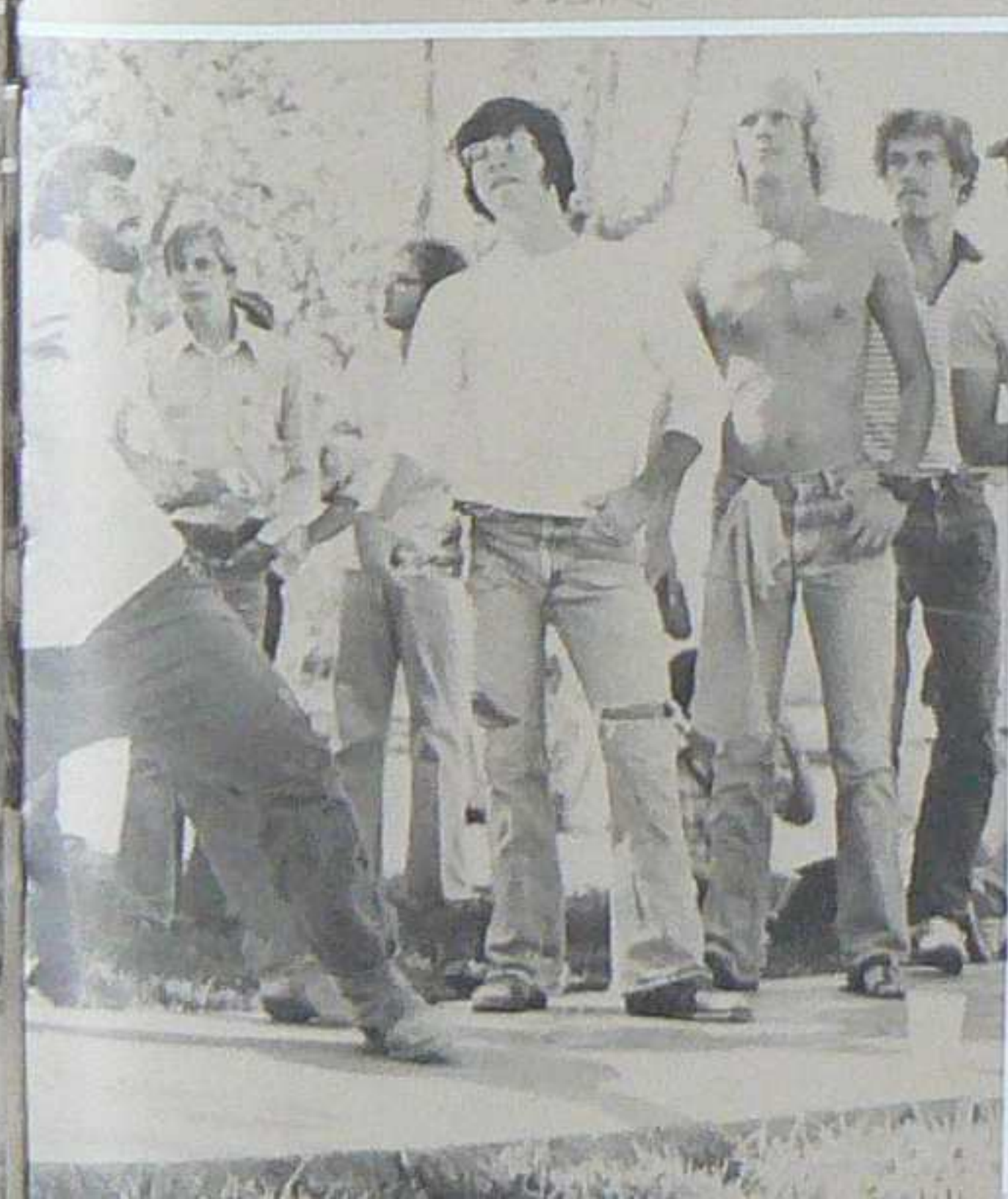
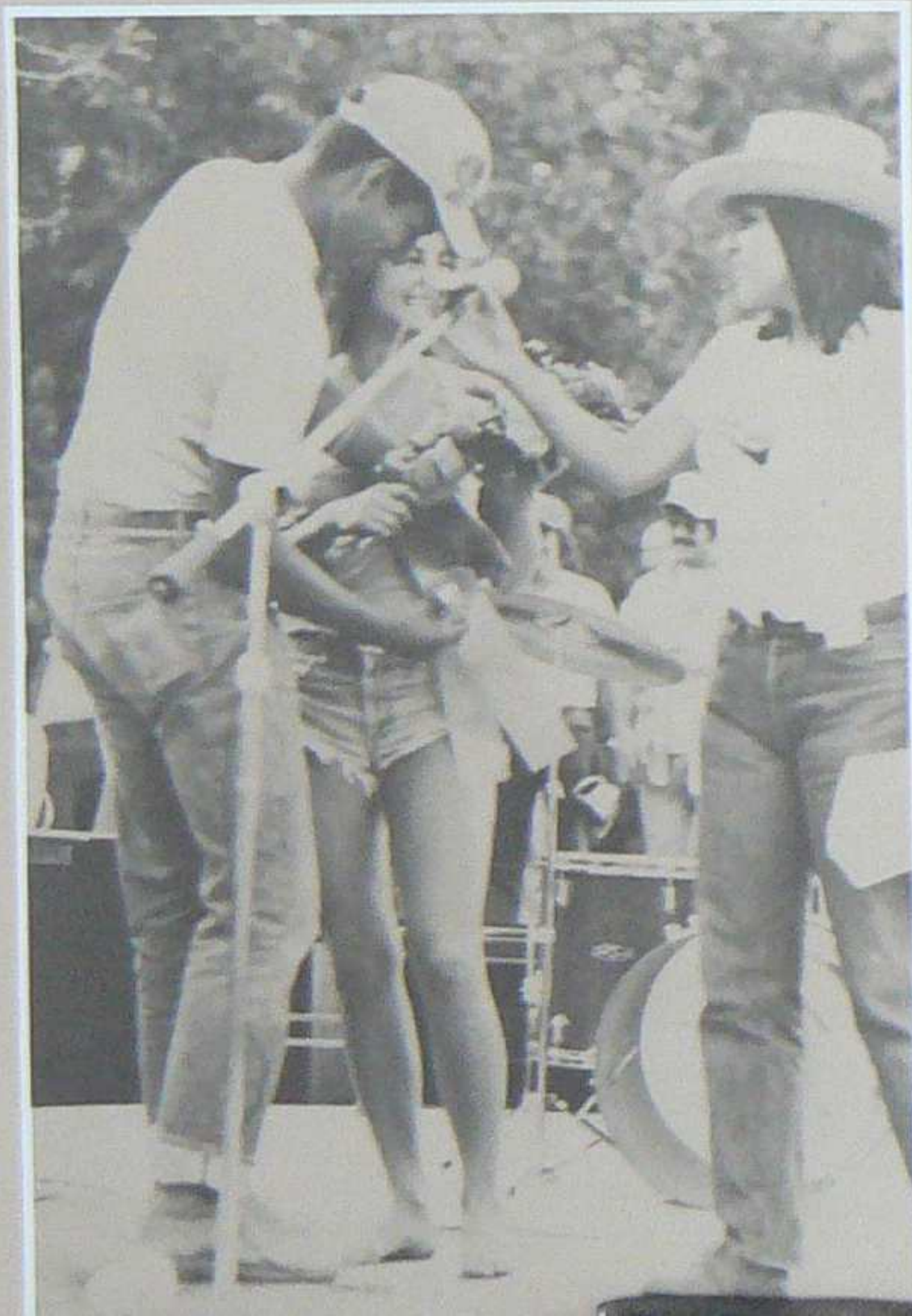
the traditional contests; the mucking, the drilling, the beer-drinking and the beard-growing, they are still around. The pie eating goes on, and the shoot-outs go on.

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

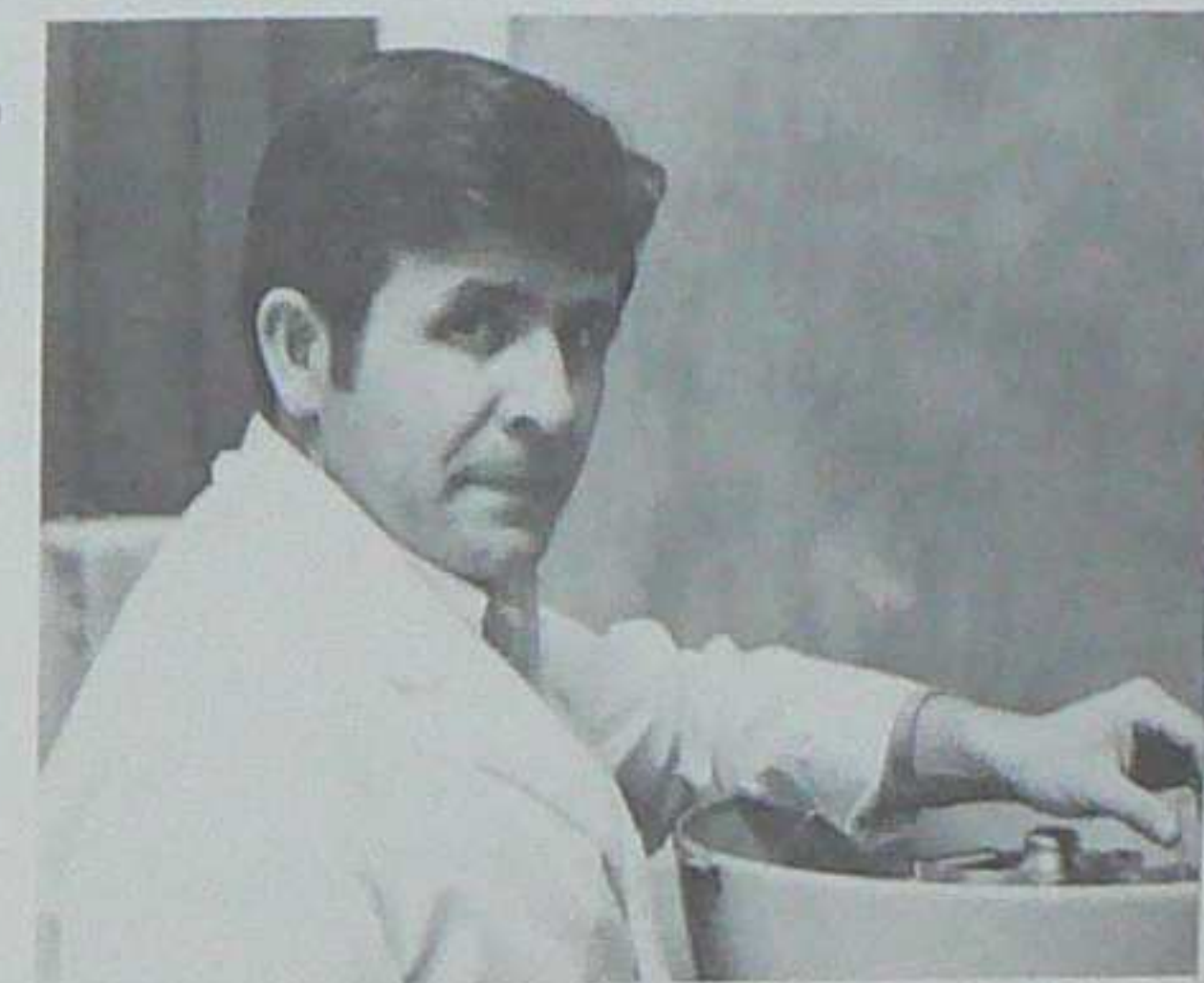
James A. Brierley
Professor of Biology
Department Chairman

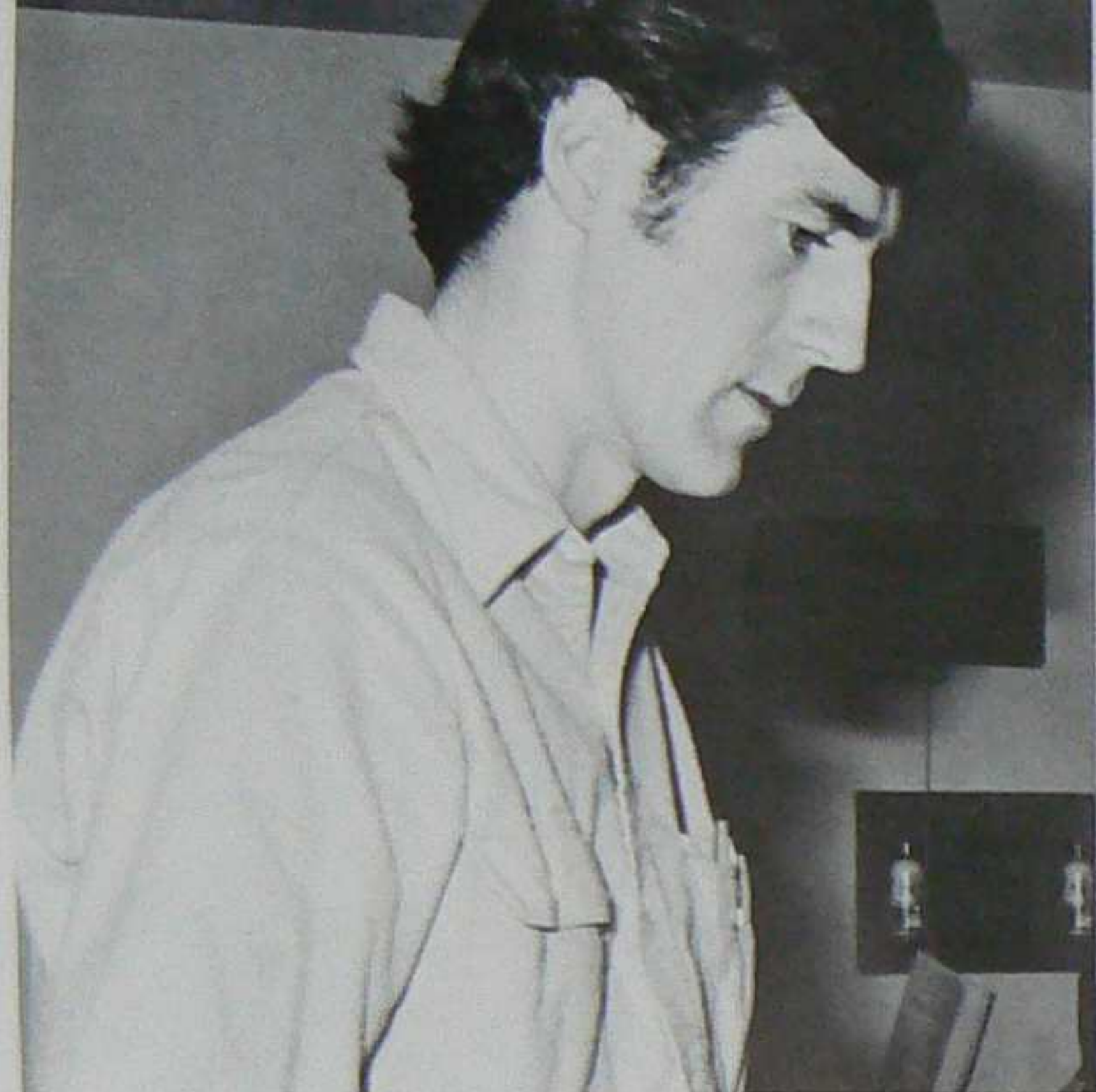


David K. Shortess
Associate Professor of Biology



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





Thomas R. Lynch
Assistant Professor



J. A. Smoake
Associate Professor of
Biology



also

Robert M. Kinniburgh
Instructor of Biology

Chemistry

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



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



Melvin J. Hatch
Professor of Chemistry

Clifford R. Keizer
Professor of Chemistry



Kay R. Brower
Professor of Chemistry



Donald K. Brandvoid
Associate 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
 "luser".

Steele, Finkel, Woods & Crispin

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



Patrick K. Orr
 Assistant Professor of
 Computer Science



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



Ralph M. McGehee
 Professor of Computer Science
 and Research Mathematician



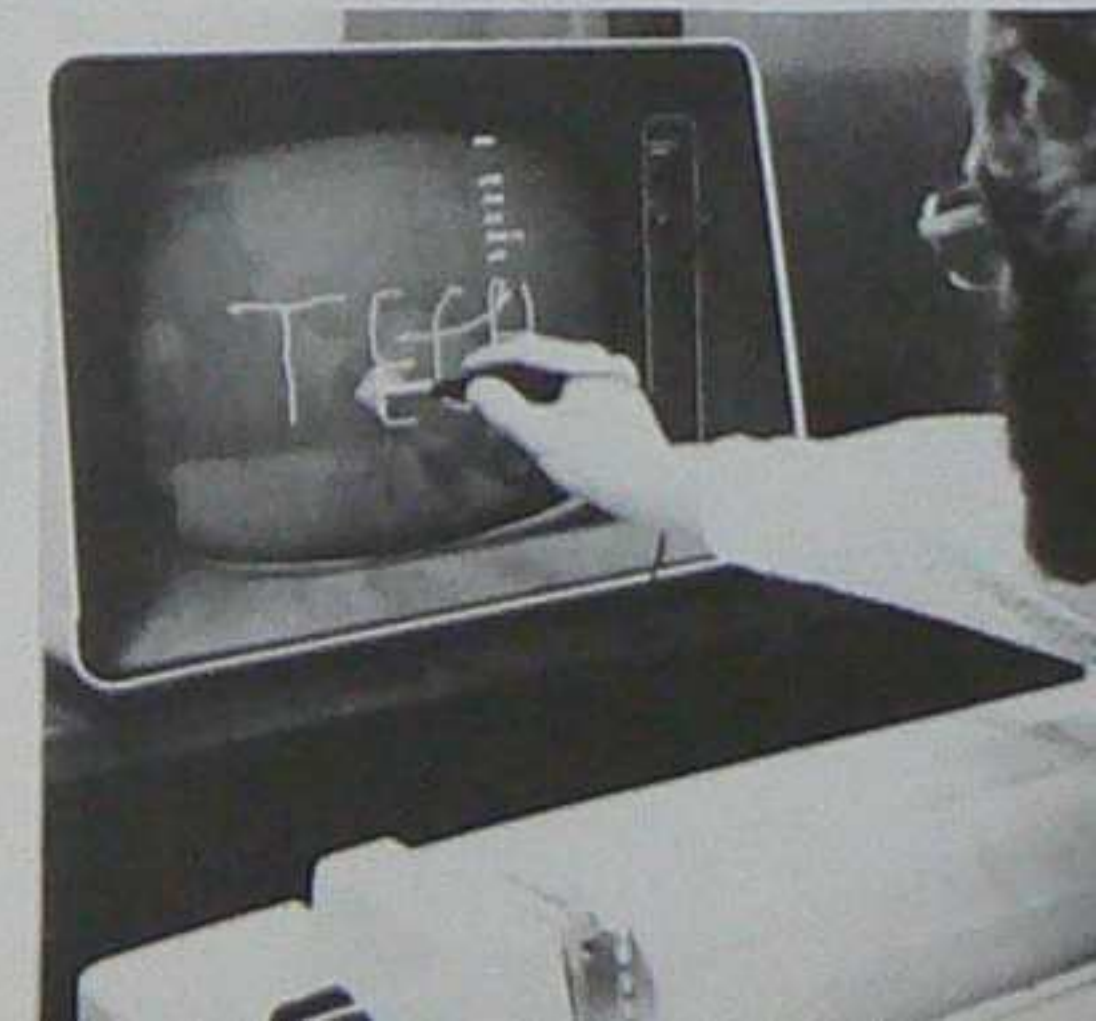
Allan Stavely
 Assistant Professor of
 Computer Science

also

Thomas B. Hintz
 Associate Professor of
 Computer Science

Douglas H. Haden
 Visiting Assistant Professor
 of Computer Science

Bhavani M. Thuraishingham
 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



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



Richard Dingus
Lecturer III
in Fine Arts



Kay LoPopolo
Lecturer II in Fine
Arts and Music

Fine Arts & Music



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 til it is completed,
... but the scientist is wiser not to withhold a single finding or a single con-
jecture from publicity.

— Goethe



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



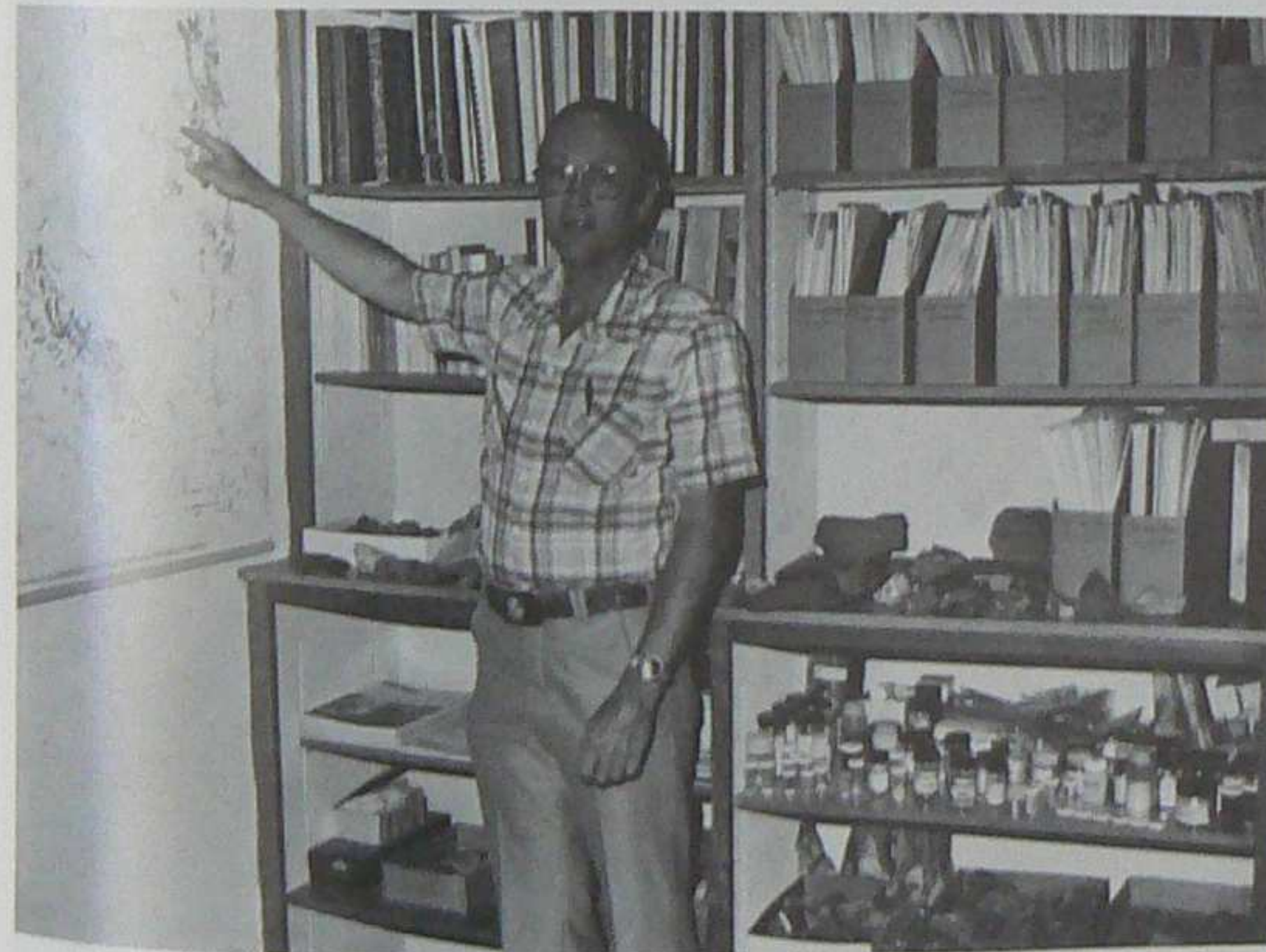
Frederick J. Kuellmer
Professor of Geology
Acting Department Chairman (1980-1981)



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

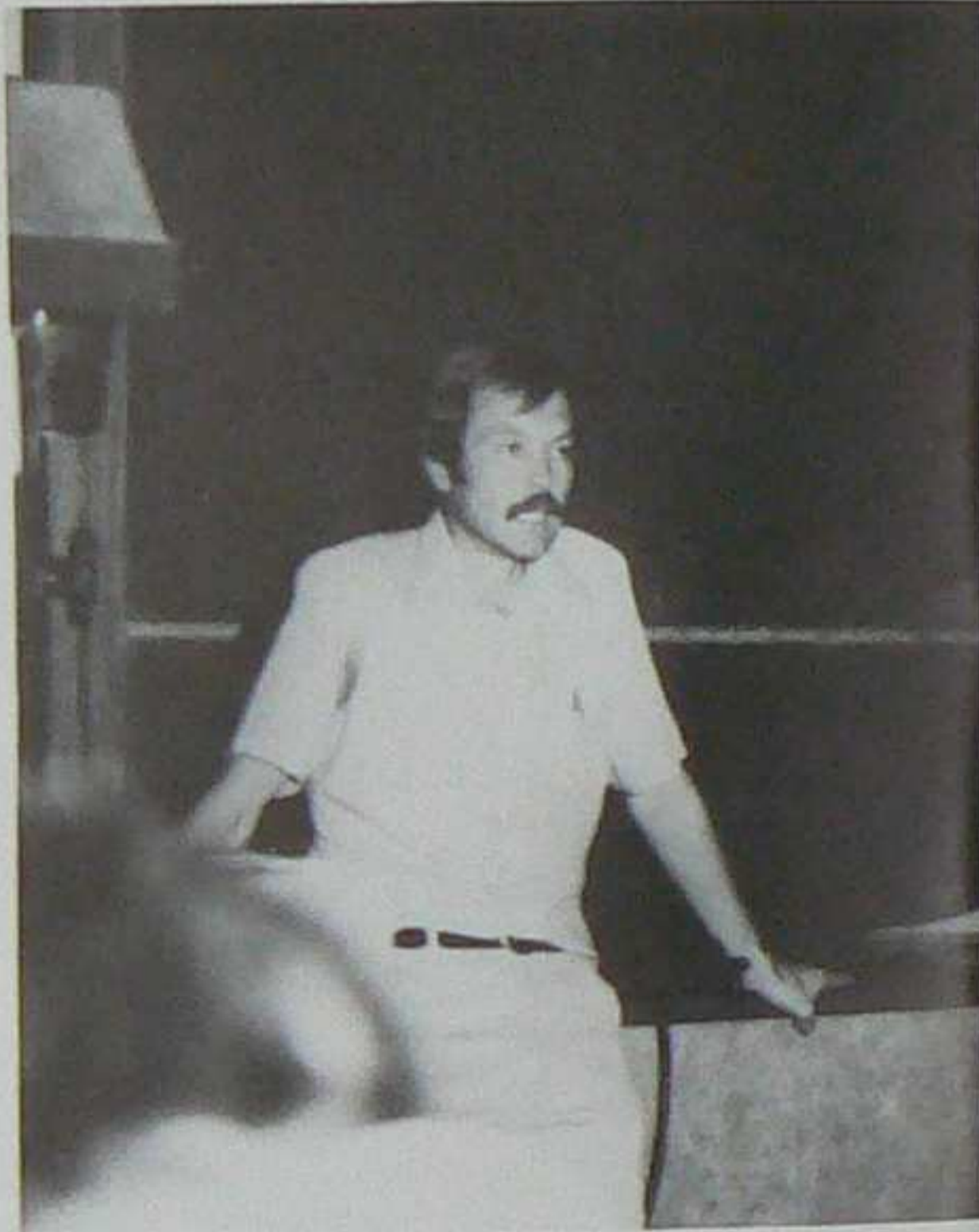


John R. MacMillan
Associate Professor of Geology

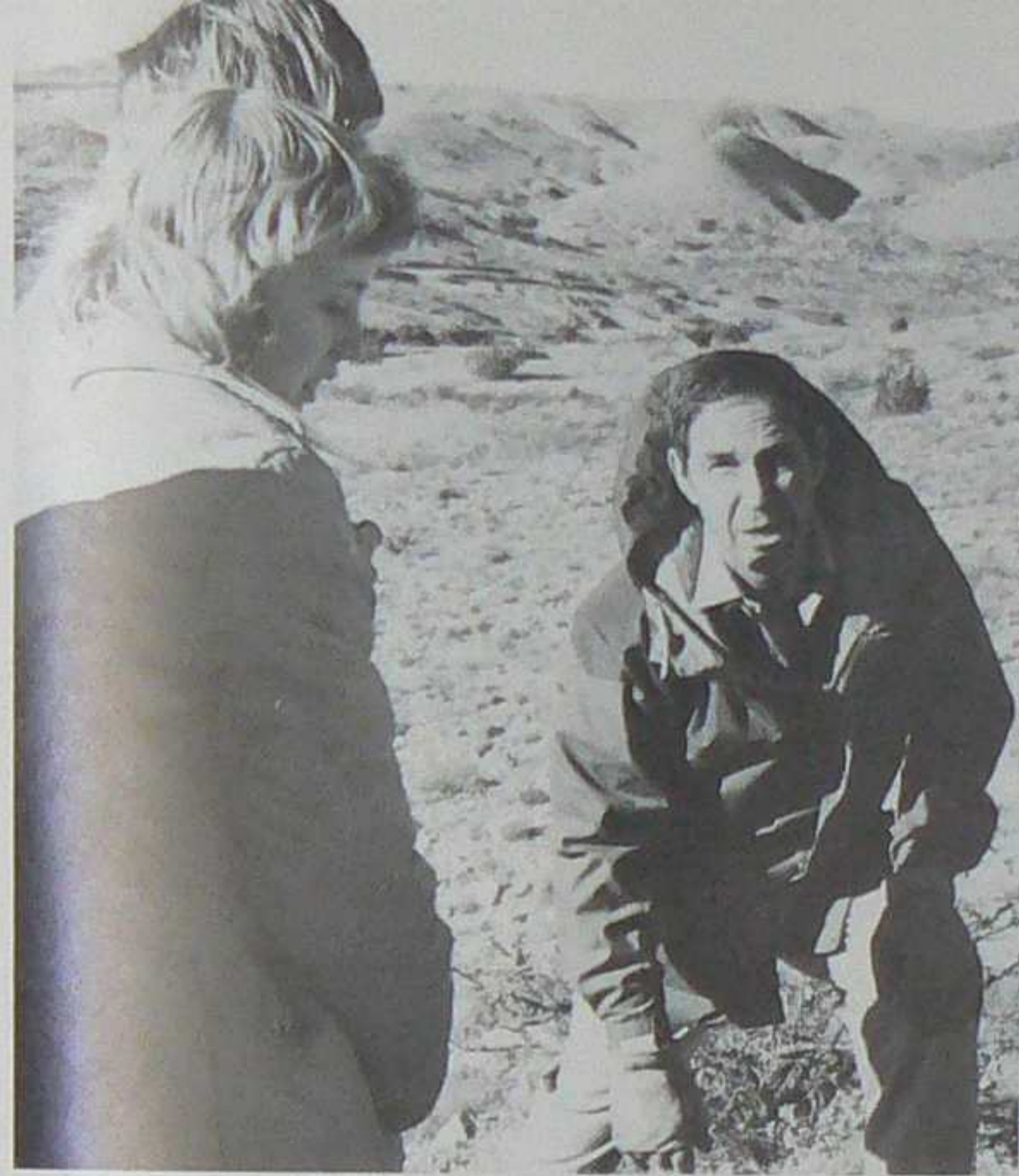


Kent C. Condie
Professor of
Geochemistry

David B. Johnson
Assistant Professor of Geology

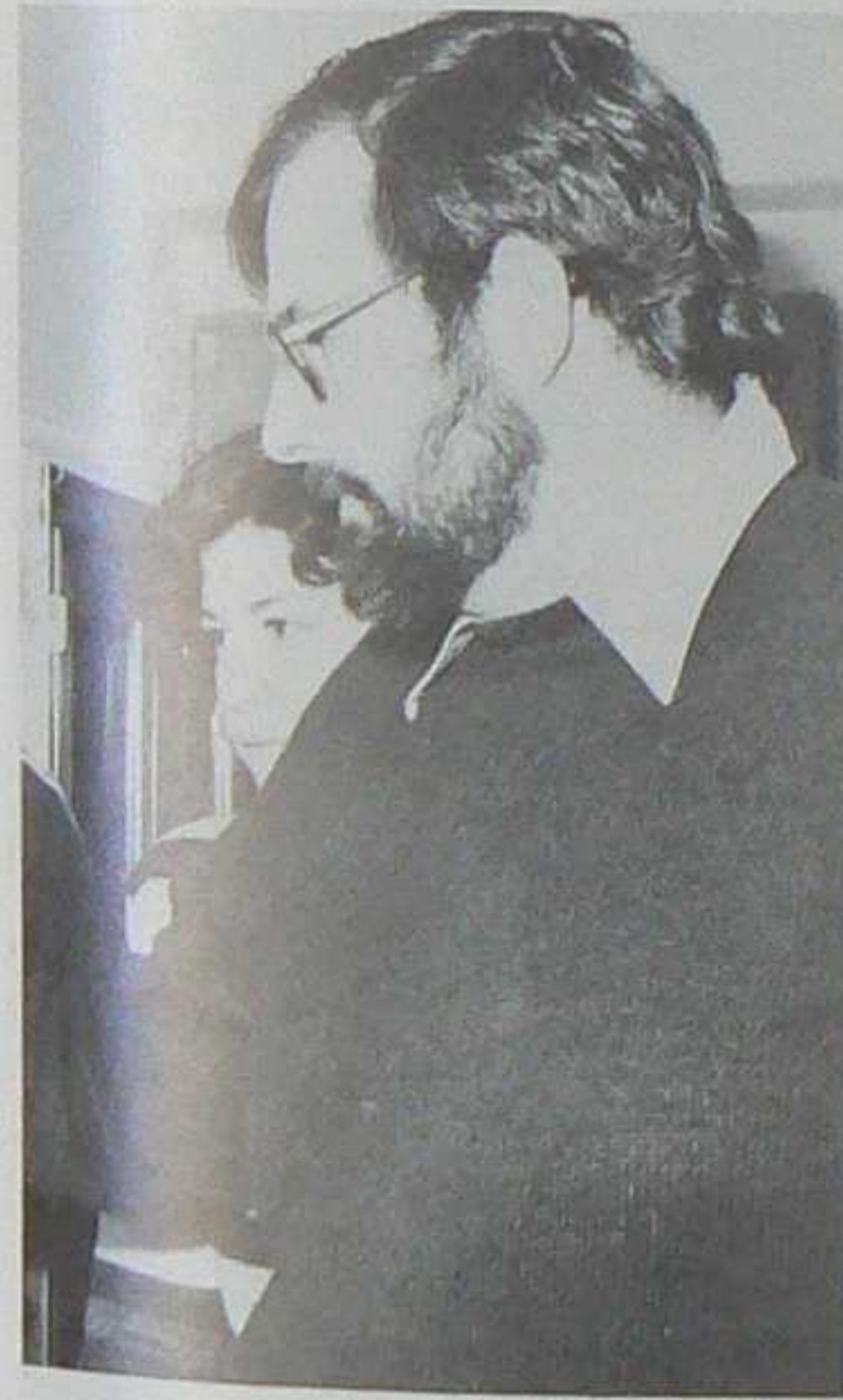


Allan R. Sanford
Professor of Geophysics

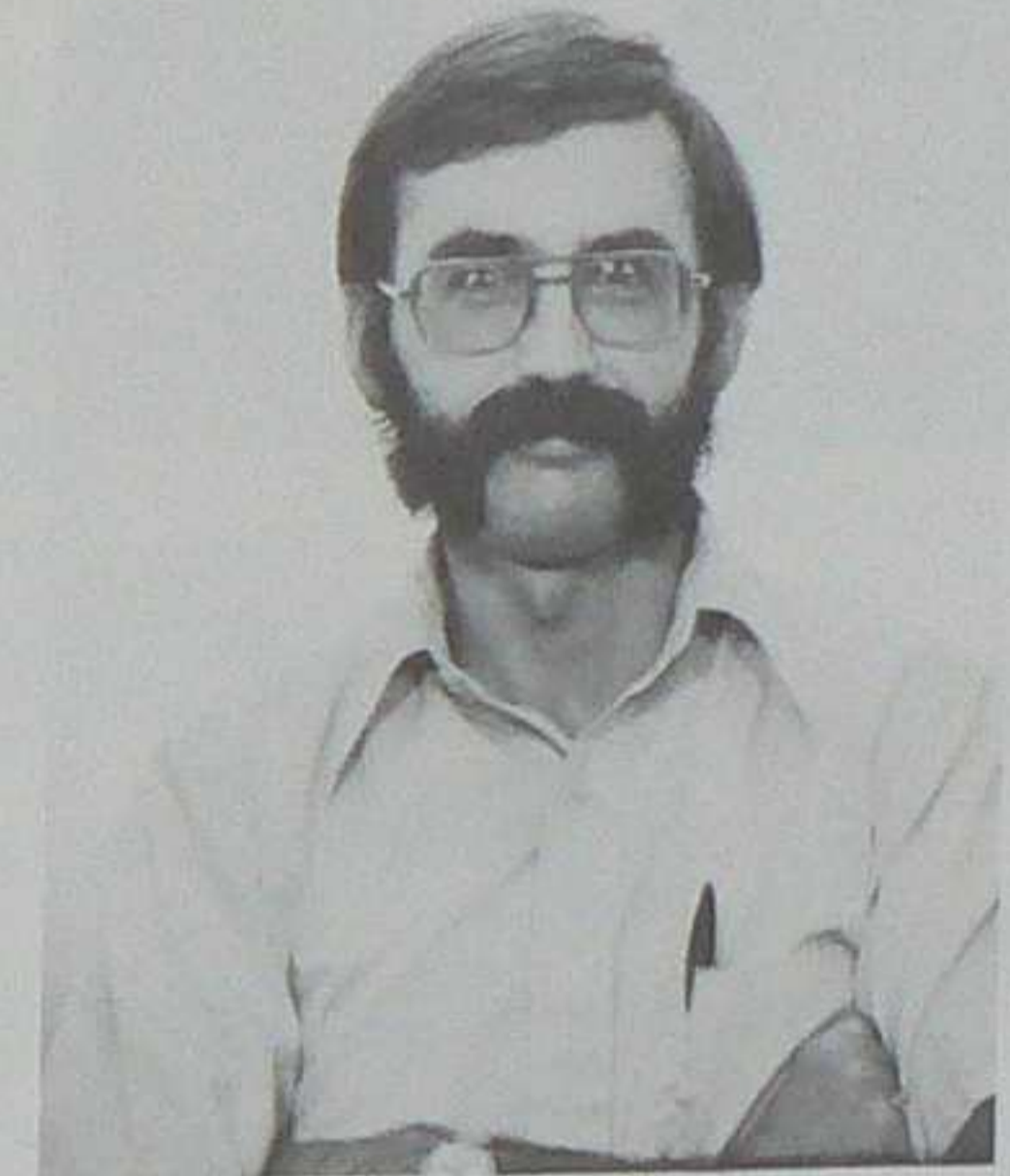


Clay T. Smith
Professor of Geology

Gerardo Wolfgang Gross
Professor of Geophysics



Davis I. Norman
Assistant Professor of Geochemistry



John Schule
Assistant Professor of Geophysics



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)

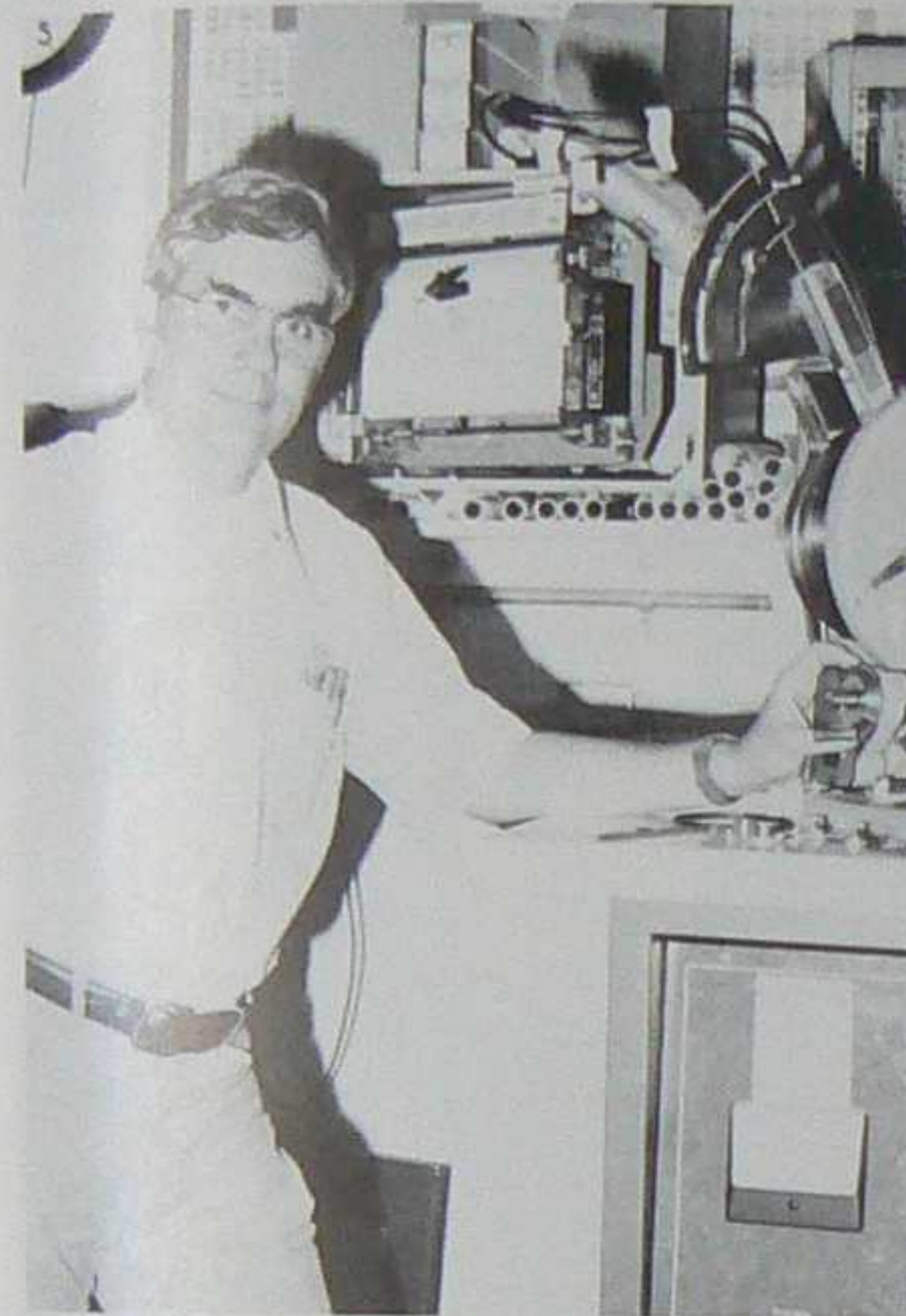
Peter Geldner
Visiting Professor of Geology
(1980-1981)

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

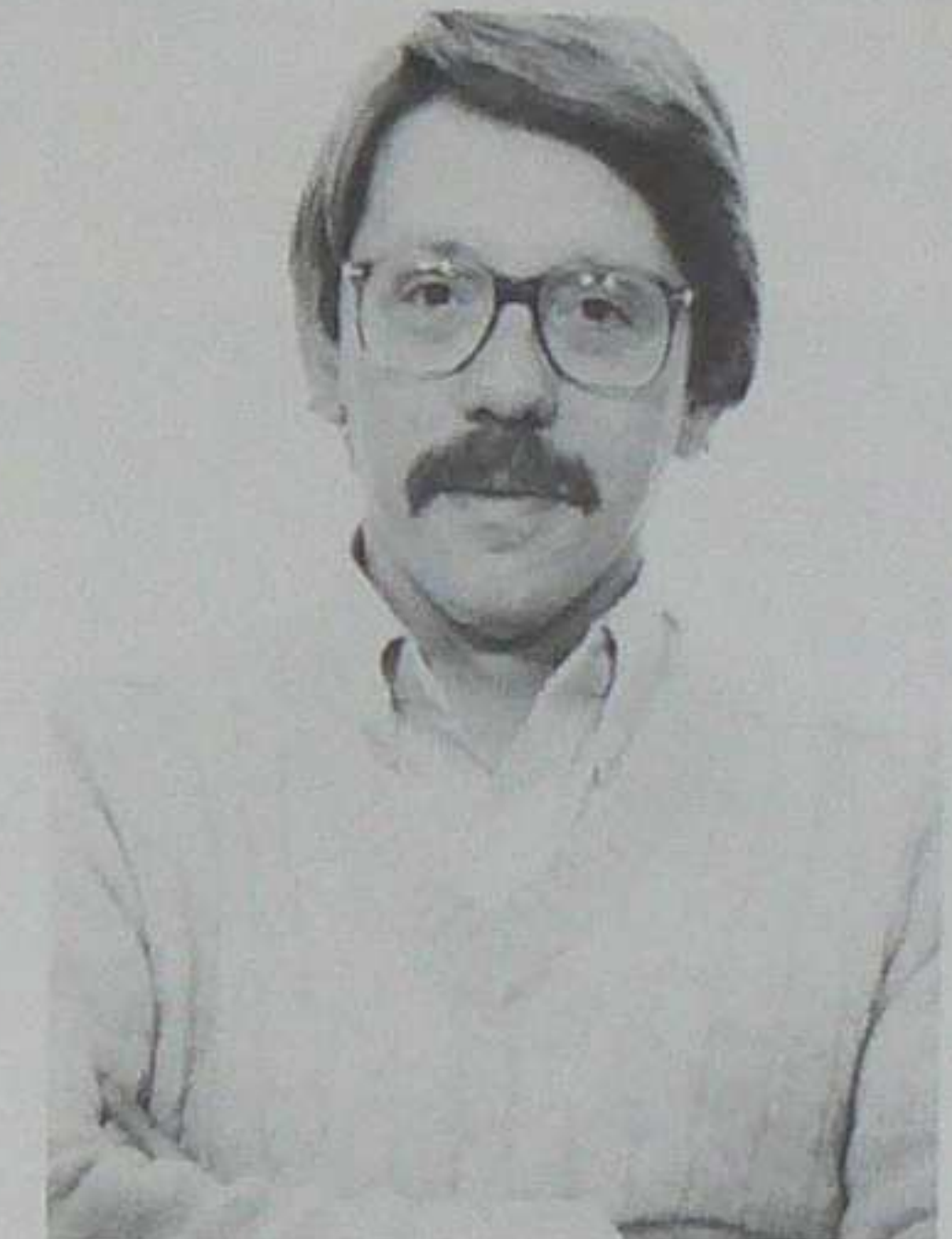
Steven J. White
Lecturer I Geoscience

Christina Lochman Balk
Professor Emeritus Geology

Rousseau H. Flower
Senior Paleontologist
Emeritus



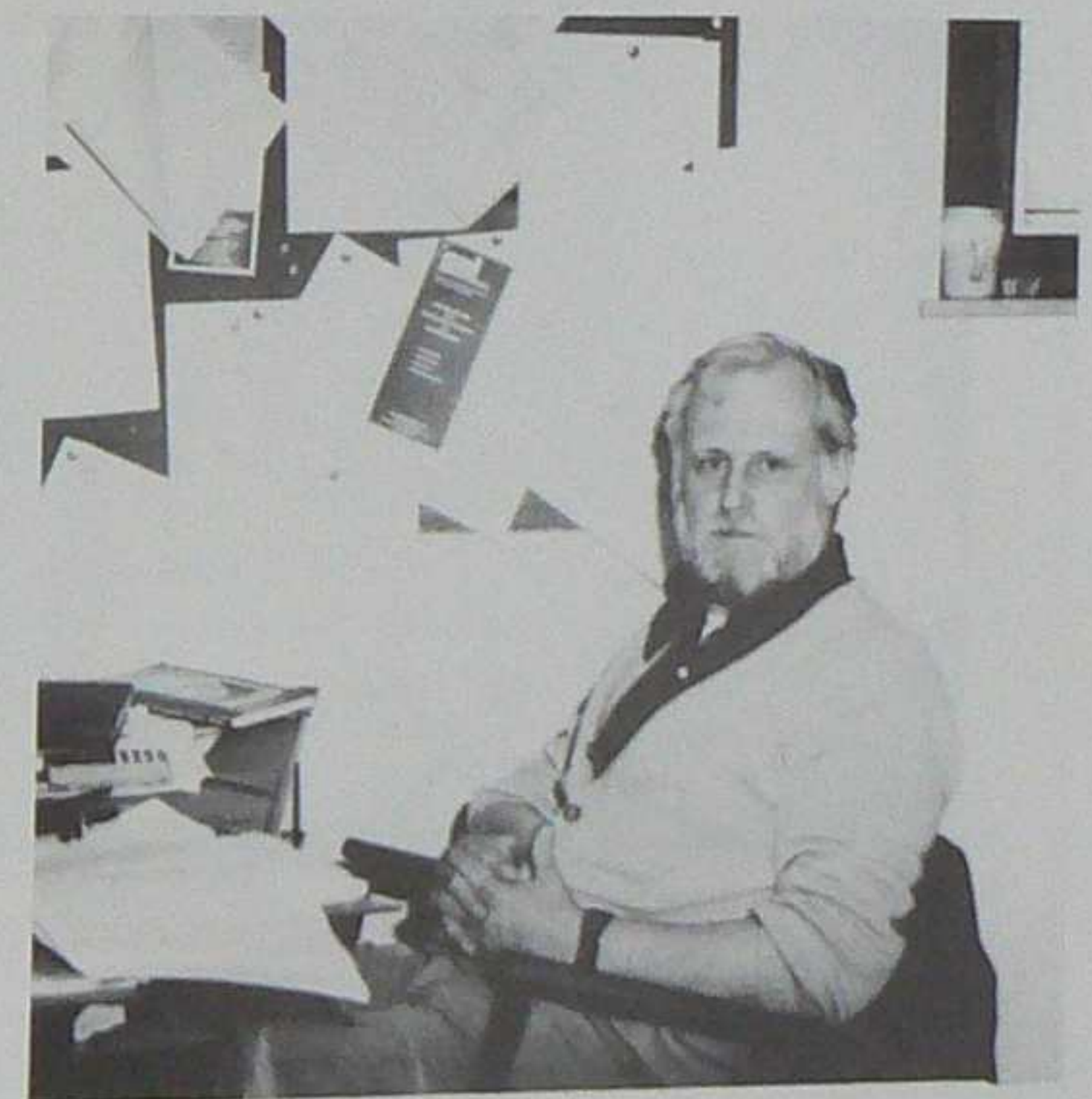
Jacques Renault
Geologist (Bureau)



Lynn W. Gelhar
Professor of Hydrology
Hydrology Department
Coordinator



Daniel B. Stephens
Assistant Professor of Hydrology



Brenton Hamill
Associate Professor of Geological
Engineering

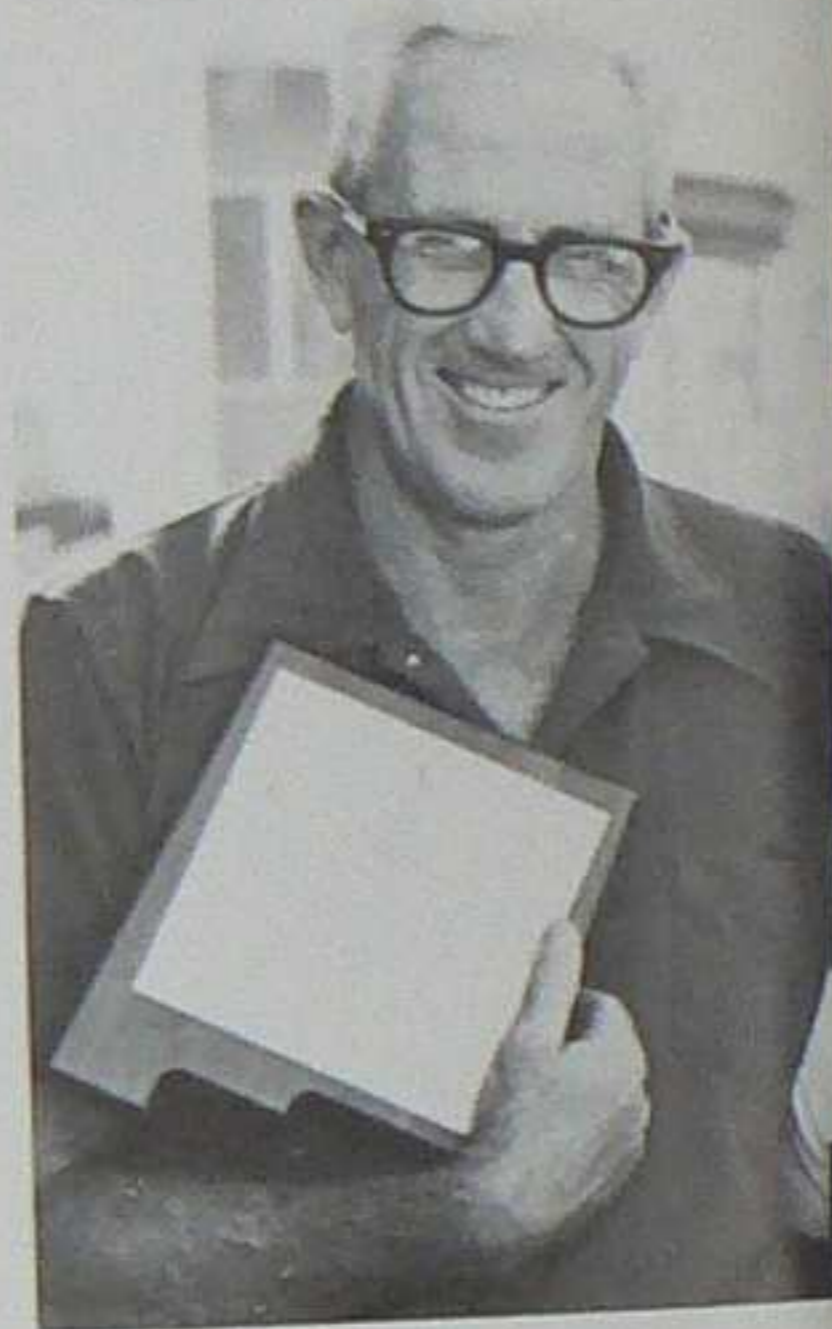
Humanities

Before language was invented, nobody ever complained.
— Firesign Theatre

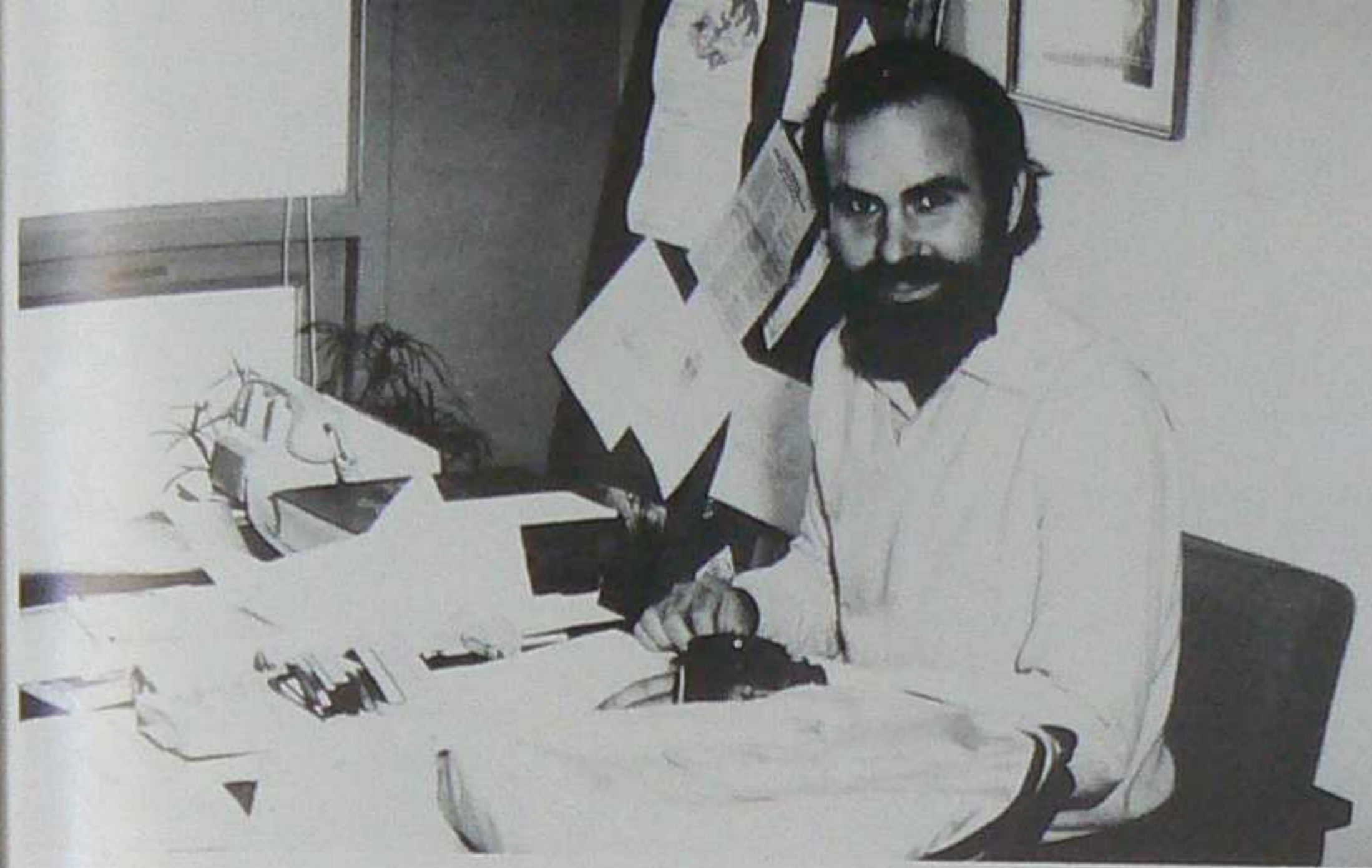


John D. McKee
Professor of English

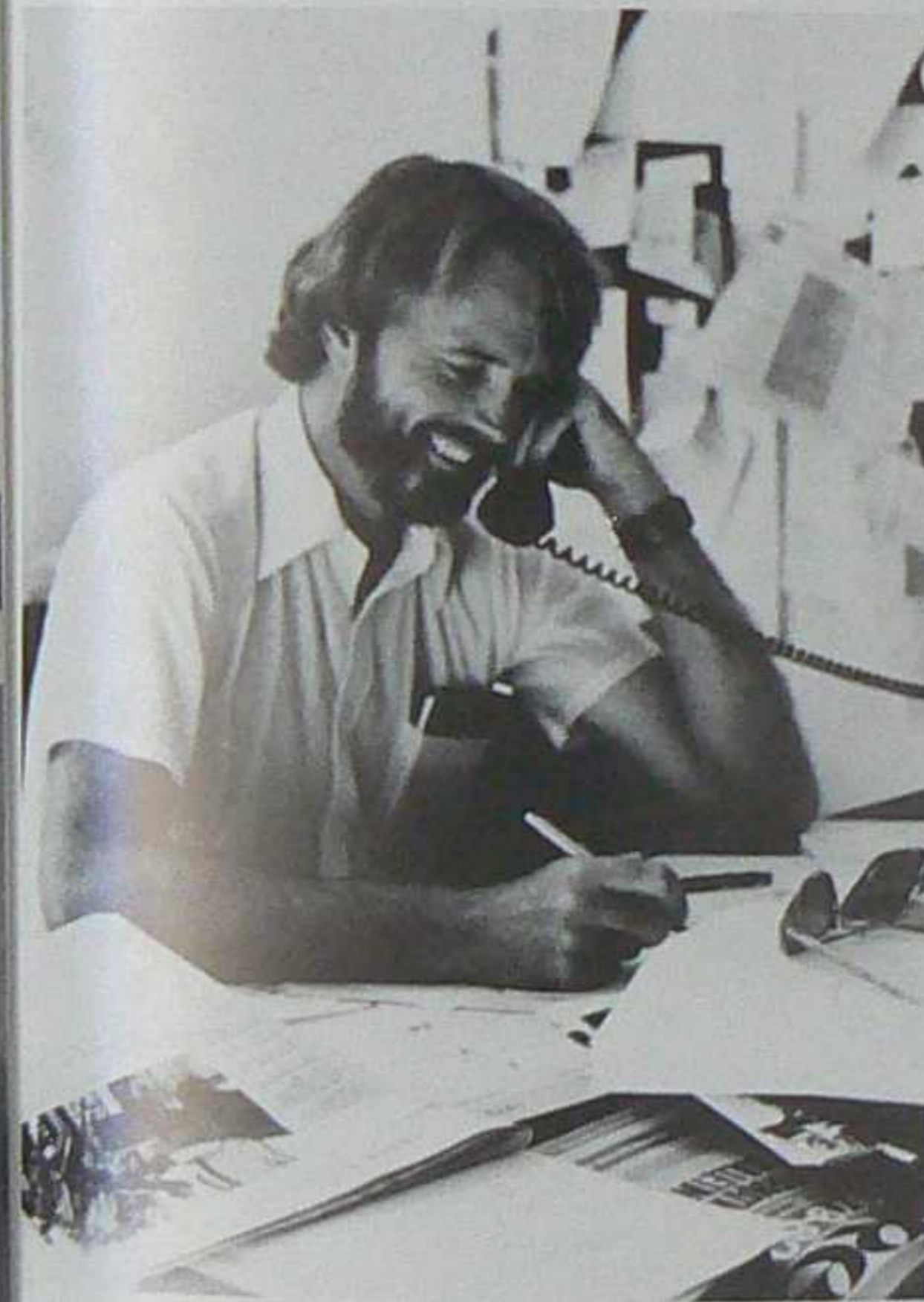
Paige W. Christiansen
Professor of History
Dean of Arts and Science



Howard E. Sylvester (retired 1977)
Professor Emeritus of English



M. Jimmie Killingsworth
Assistant Professor English



Gary Olsen
Associate Professor of History
Dean of Students



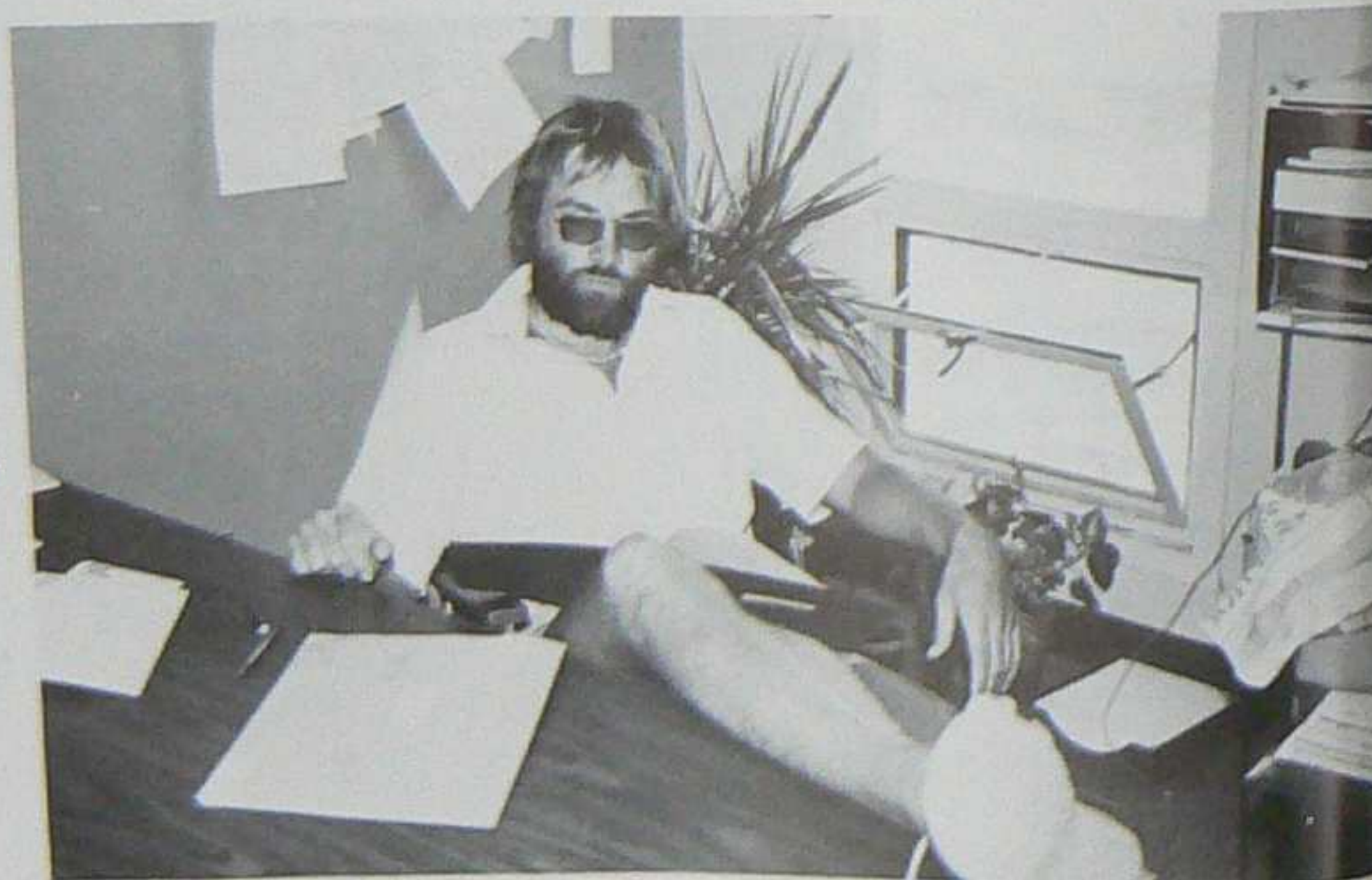
James R. Corey
Associate Professor of English
Department Chairman (1979)



Ruth L. Gross
Associate Professor of
Foreign Languages



John Rothfork
Associate Professor of
English



also

Nancy Fox Hansen
Lecturer IV in Anthropology

Karen Schule
Lecturer II Humanities
and English

Bernice Smith
Lecturer II Humanities

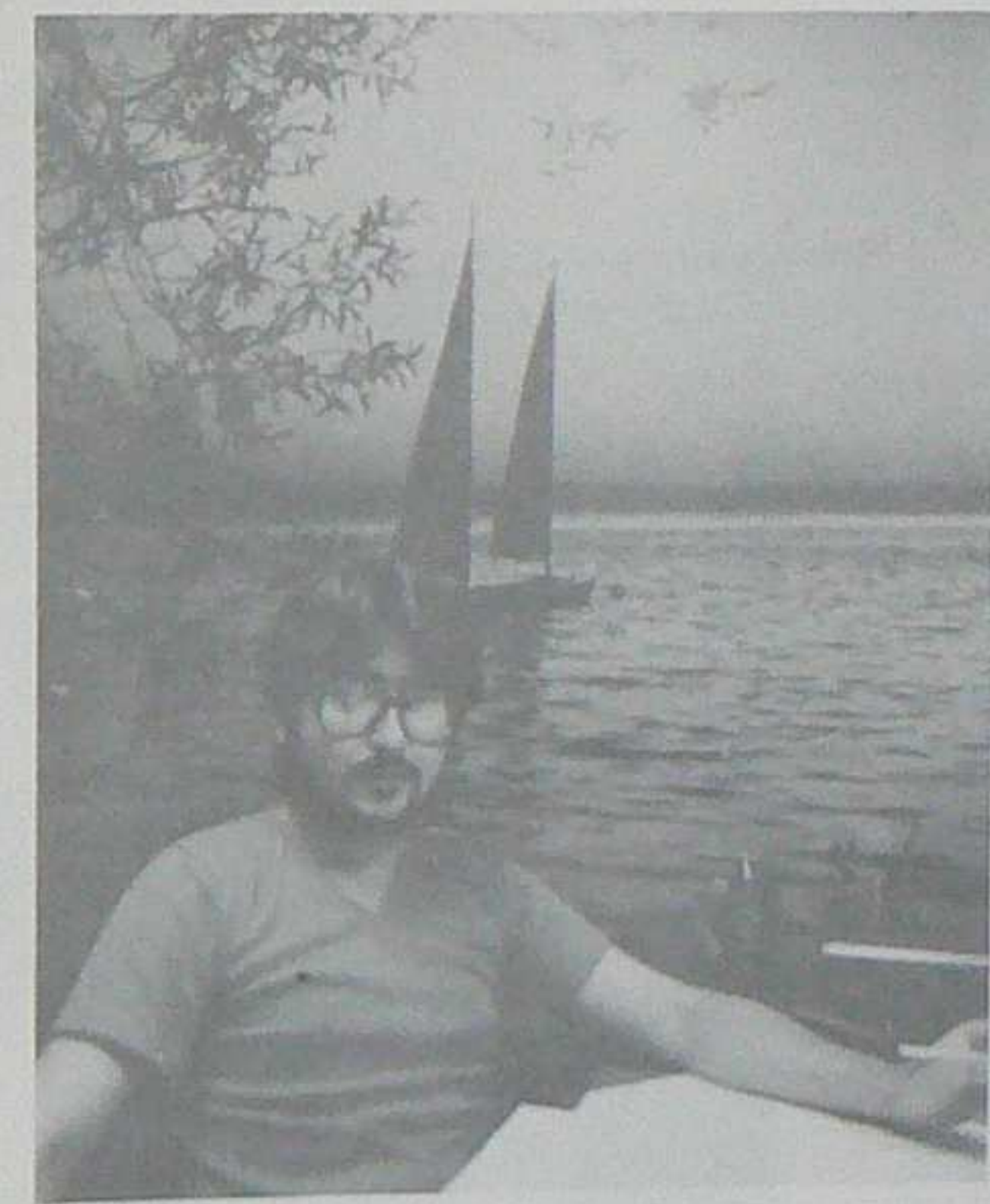
Spencer Wilson
Professor of History



Jerry W. Bradley
Assistant Professor of English



Carole Yee
Assistant Professor of
English

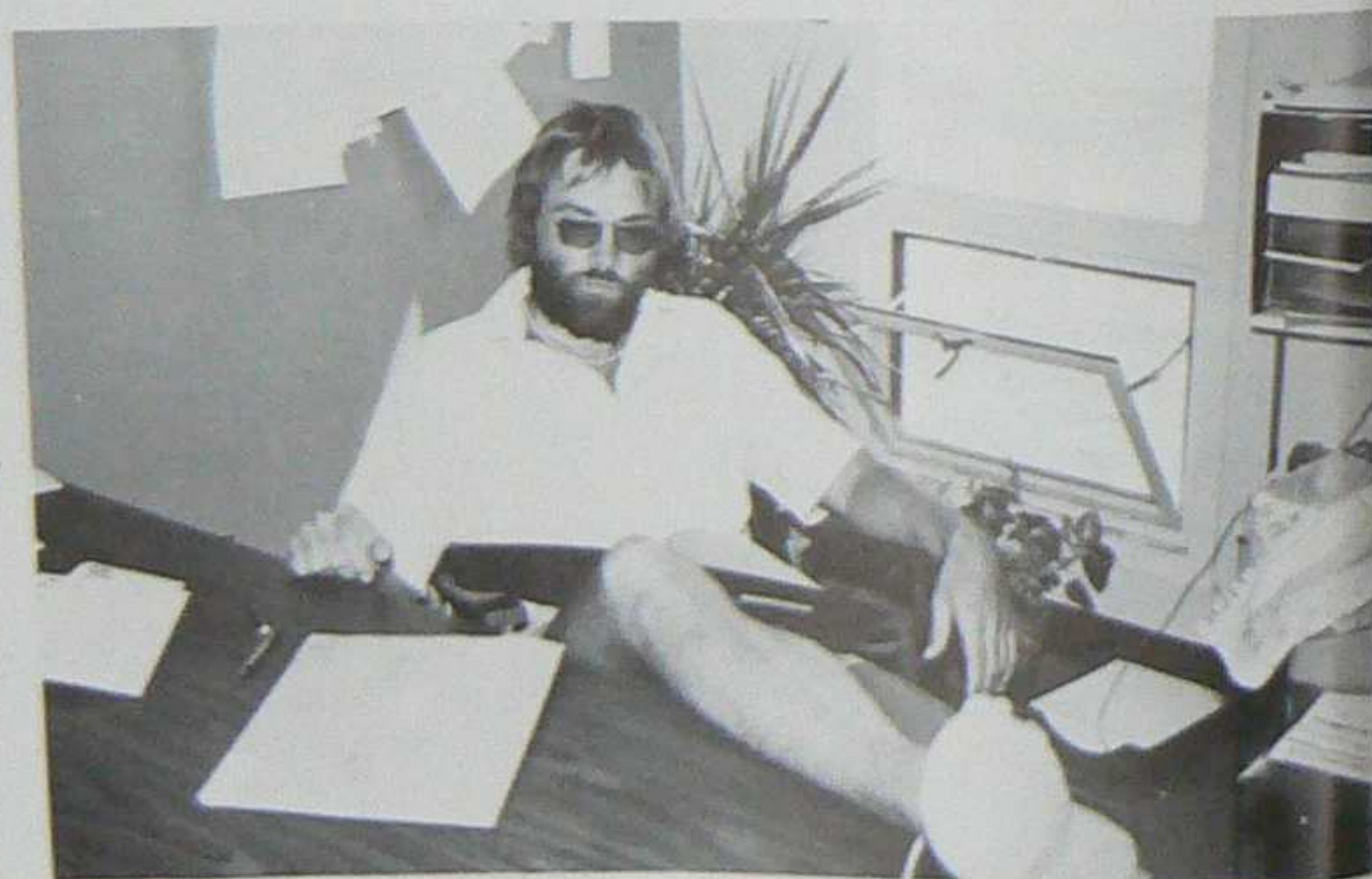


Donald L. Padilla
Adjunct Instructor in
Spanish
Manager of Bookstore

Ruth L. Gross
Associate Professor of
Foreign Languages



John Rothfork
Associate Professor of
English



also

Nancy Fox Hansen
Lecturer IV in Anthropology

Karen Schule
Lecturer II Humanities
and English

Bernice Smith
Lecturer II Humanities

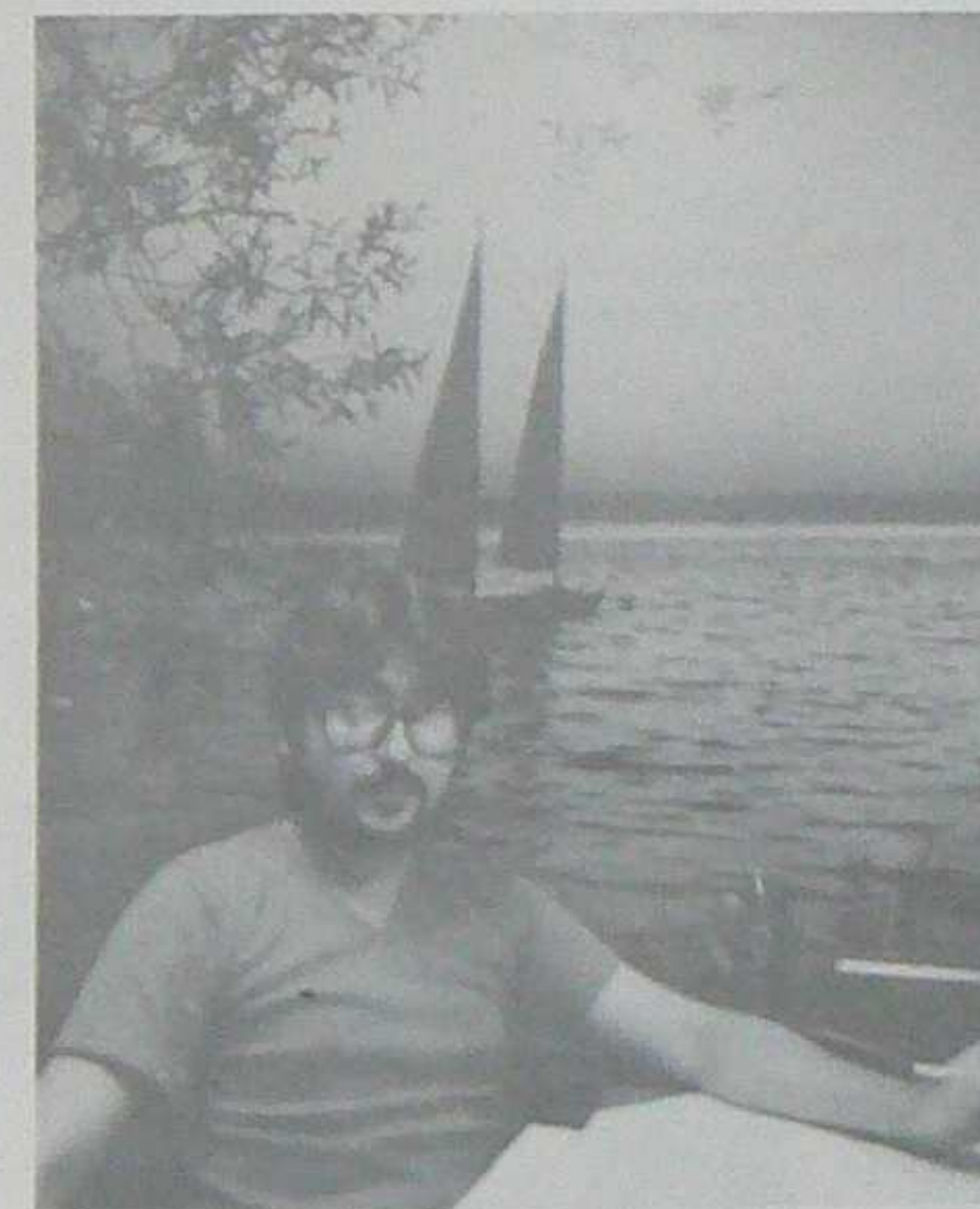
Spencer Wilson
Professor of History



Jerry W. Bradley
Assistant Professor of English



Carole Yee
Assistant Professor of
English



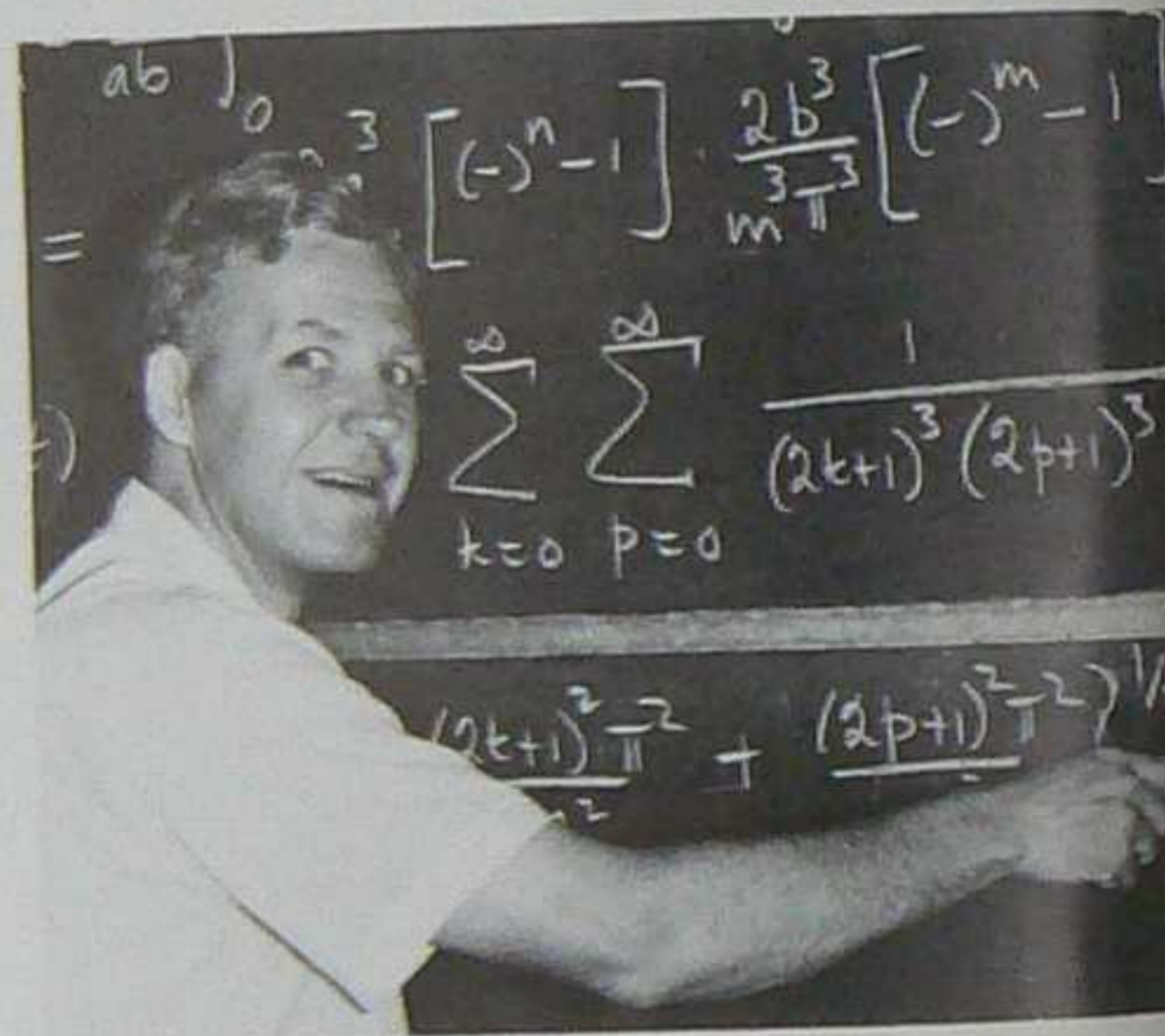
Donald L. Padilla
Adjunct Instructor in
Spanish
Manager of Bookstore

Mathematics

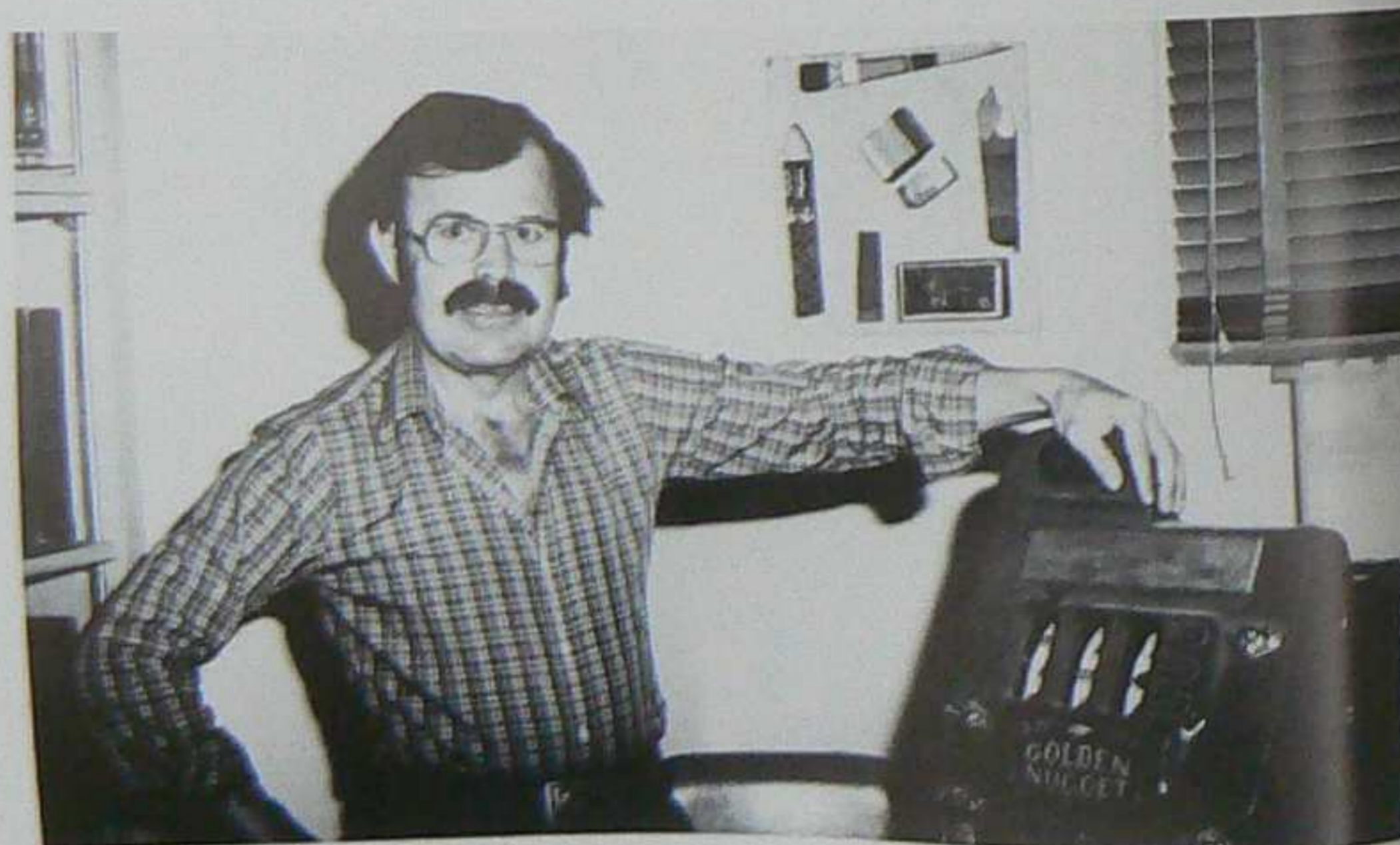
Anyone who cannot cope with mathematics is not fully human. At best he is a tolerable subhuman who has learned to wear shoes, bathe, and not make messes in the house.

— Lazarus Long

Alan Sharples
Associate Professor of Mathematics
Department Chairman



Allan Gutjahr
Associate Professor of Mathematics
Research Mathematician

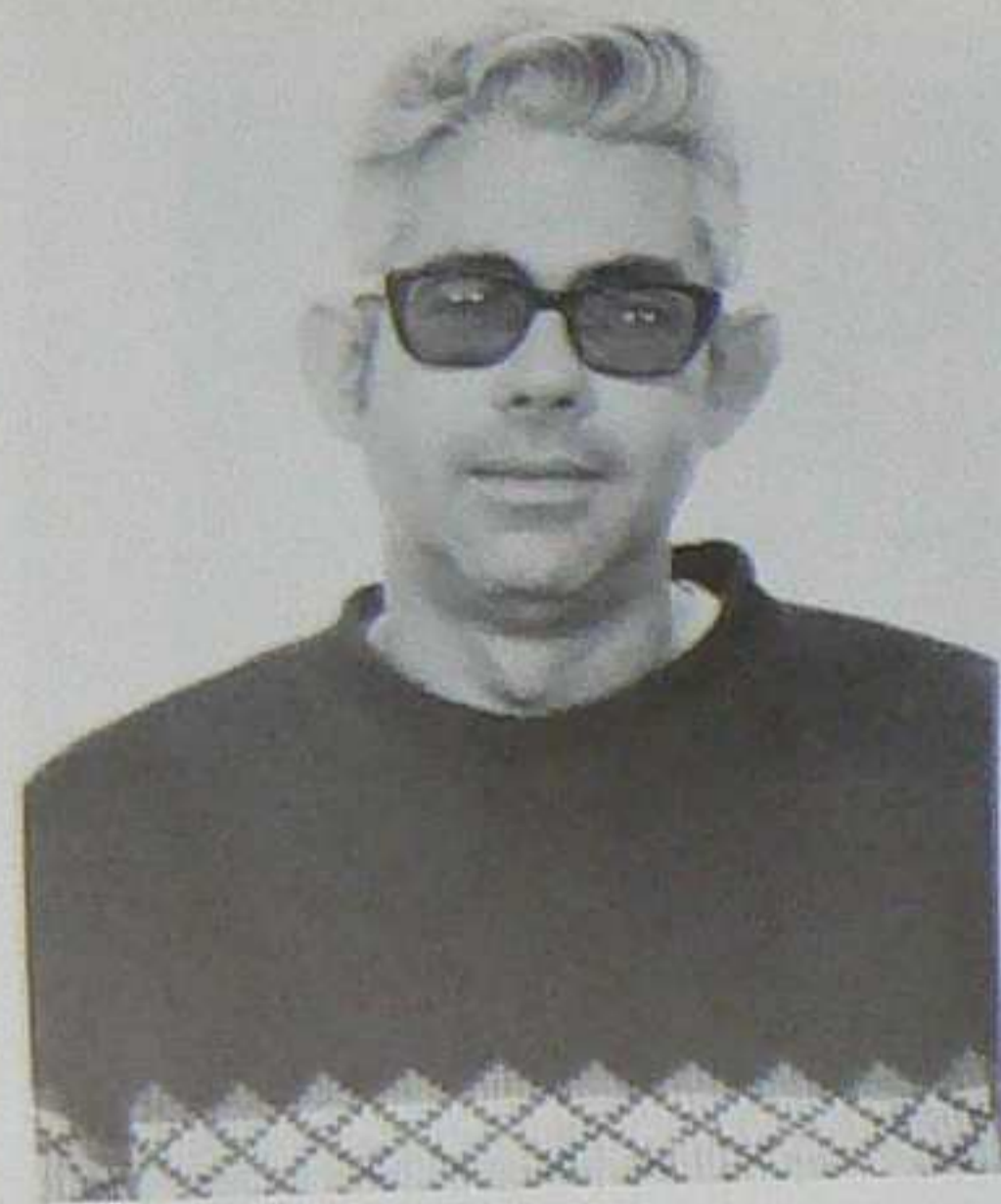


David R. Arterburn
Associate Professor of Mathematics



Ralph W. Ball
Professor of Mathematics





Bobbe J. Forster
Lecturer I in Mathematics



Clyde M. Dubbs
Assistant Professor of Mathematics



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

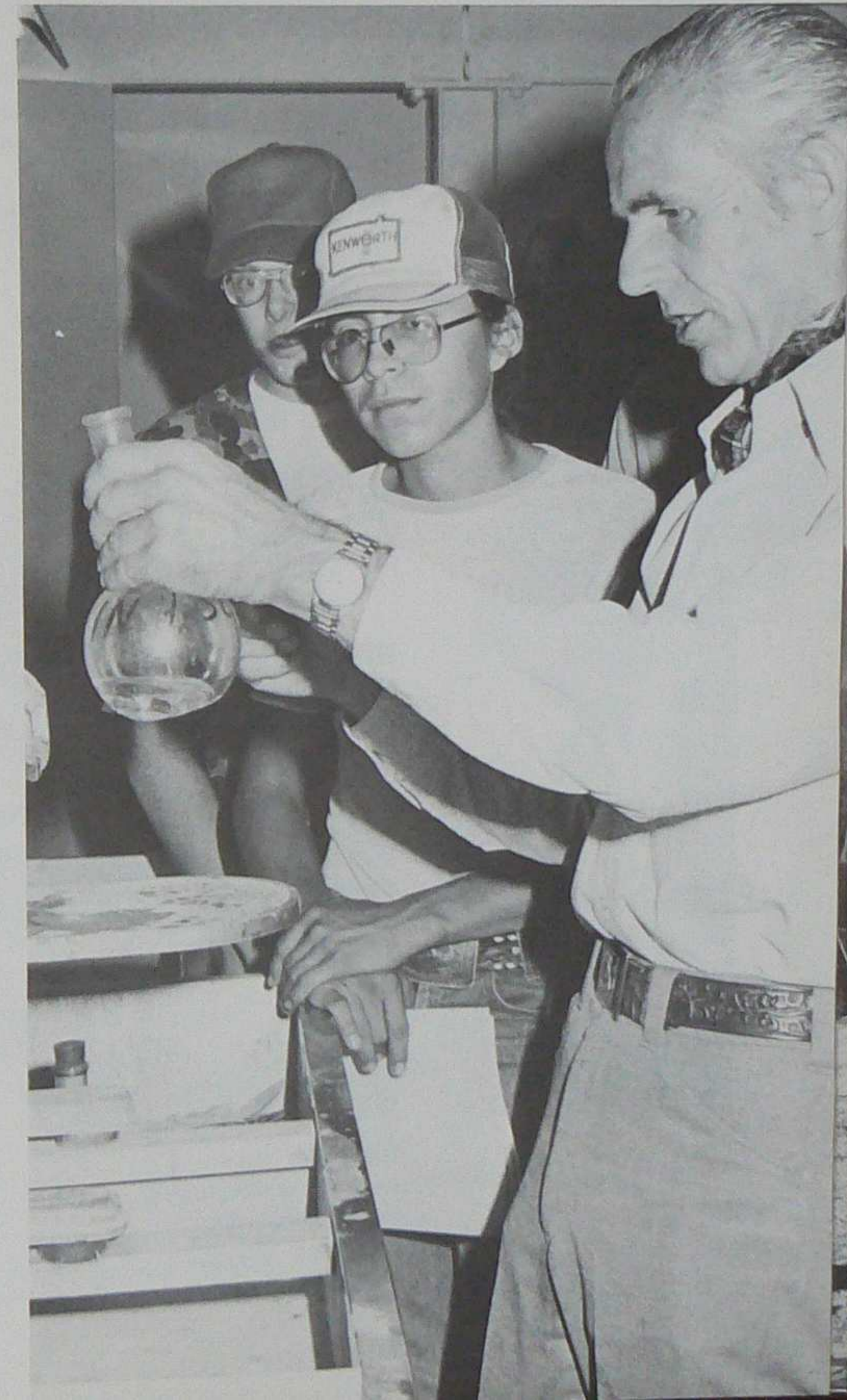


Ashok Singh
Assistant Professor of Mathematics

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



Geoffrey Purcell
Professor of Metallurgy
Department Chairman

also

Charles Stein
Associate Professor of Metallurgy

Marc A. Meyers
Associate Professor of Metallurgy

Ibrahim H. Gundiler
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



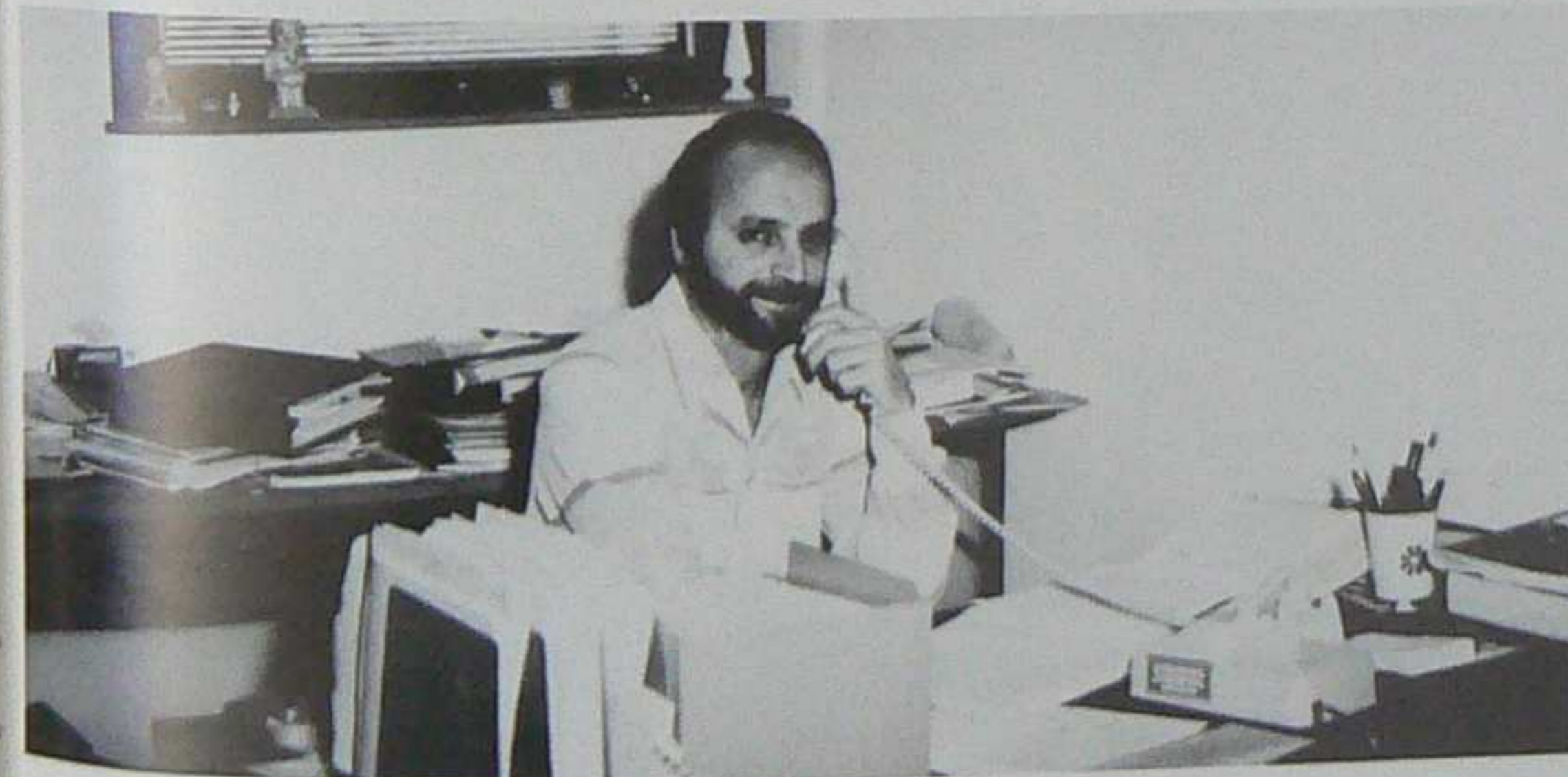
Alan R. Miller
Professor of Metallurgy



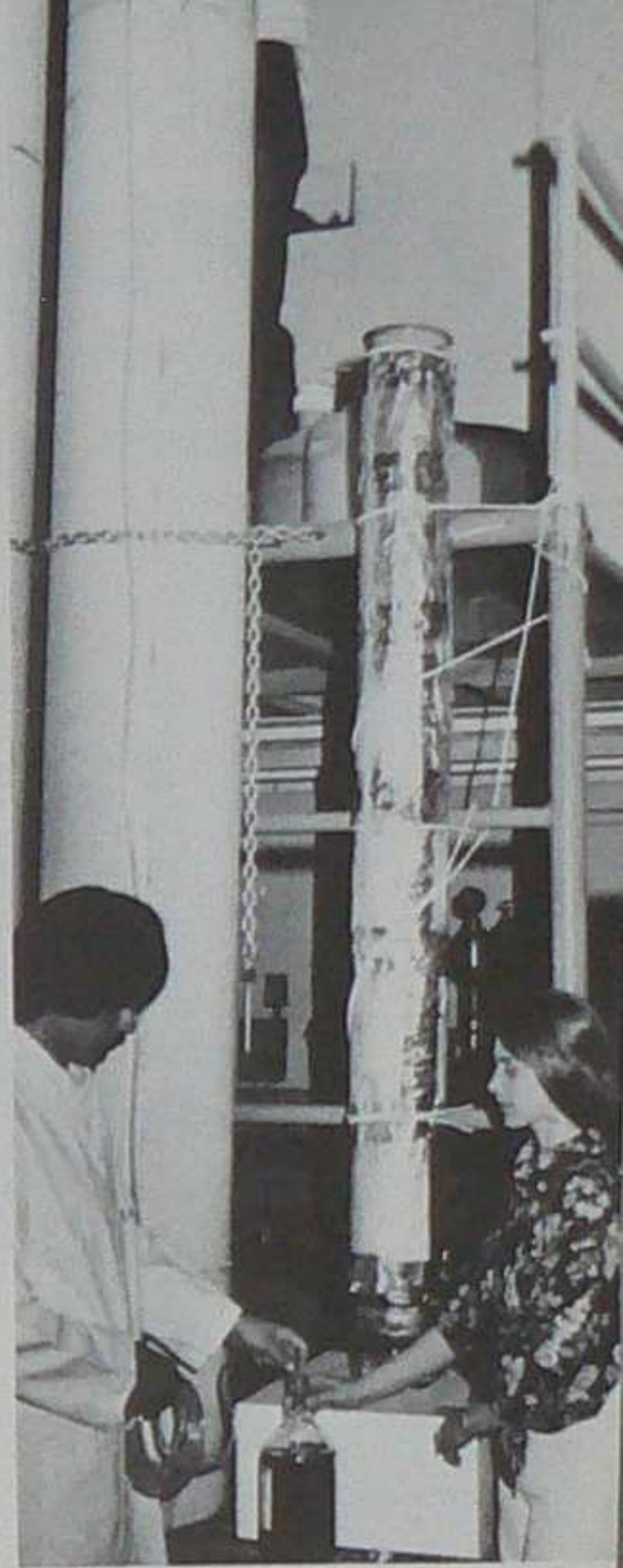
Lawrence E. Murr
Professor of Metallurgy
Department Chairman



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

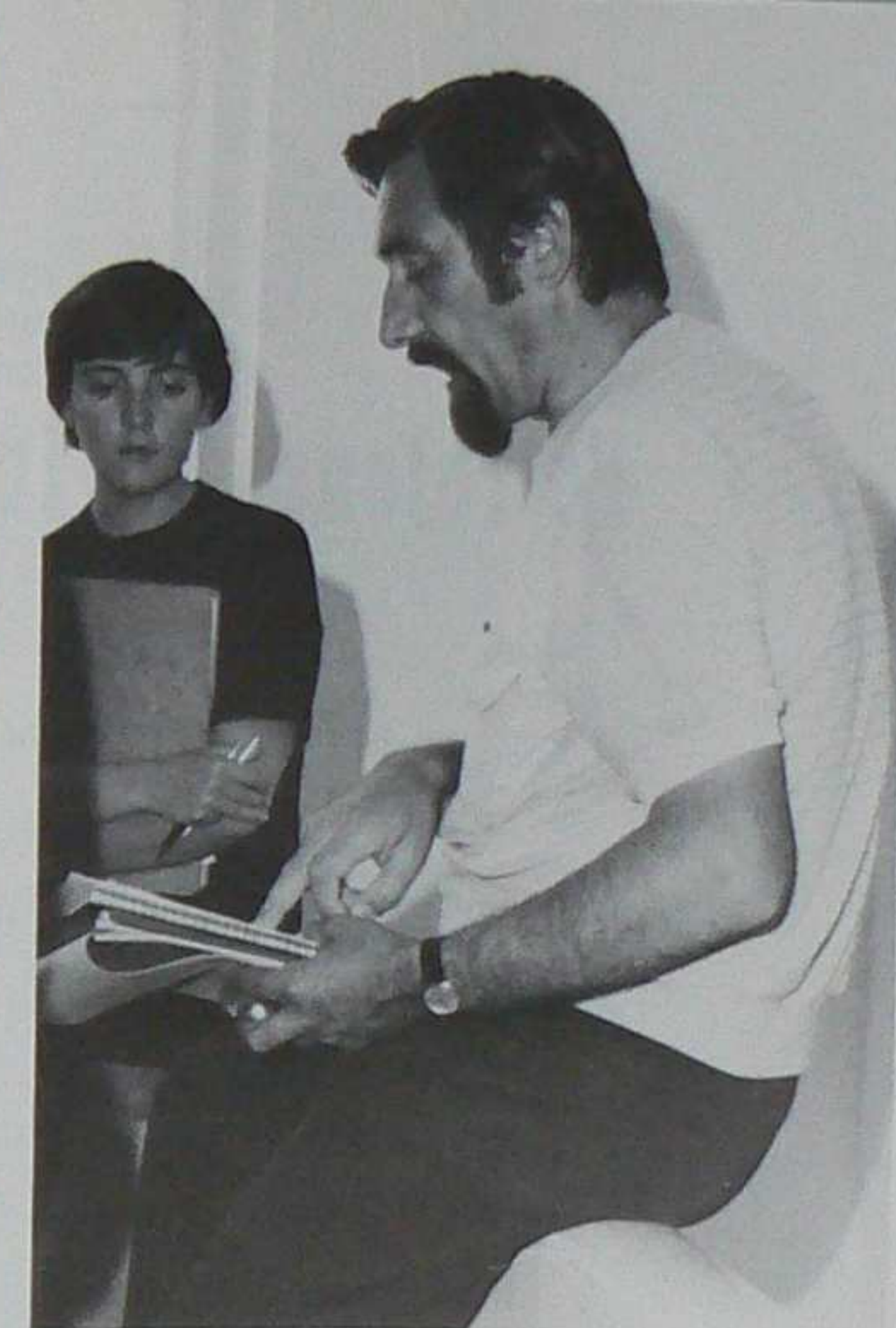
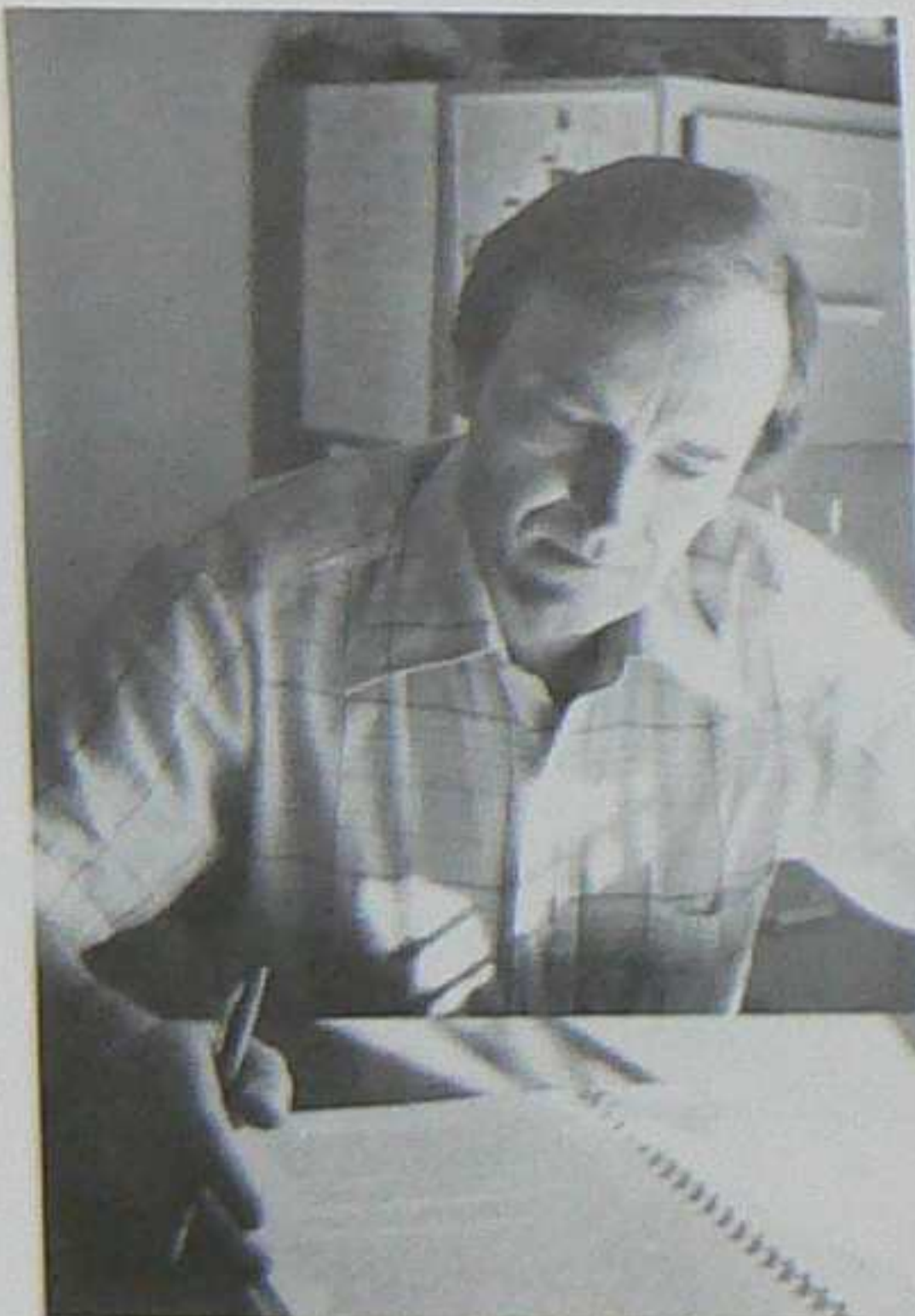
Whatever power is responsible for the universe made ore deposits; but mines are made by the genius of man.
Parsons



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

Jan Wolski
Associate Professor of
Mining Engineering

Wayne Griffin
Associate Professor of
Mining Engineering



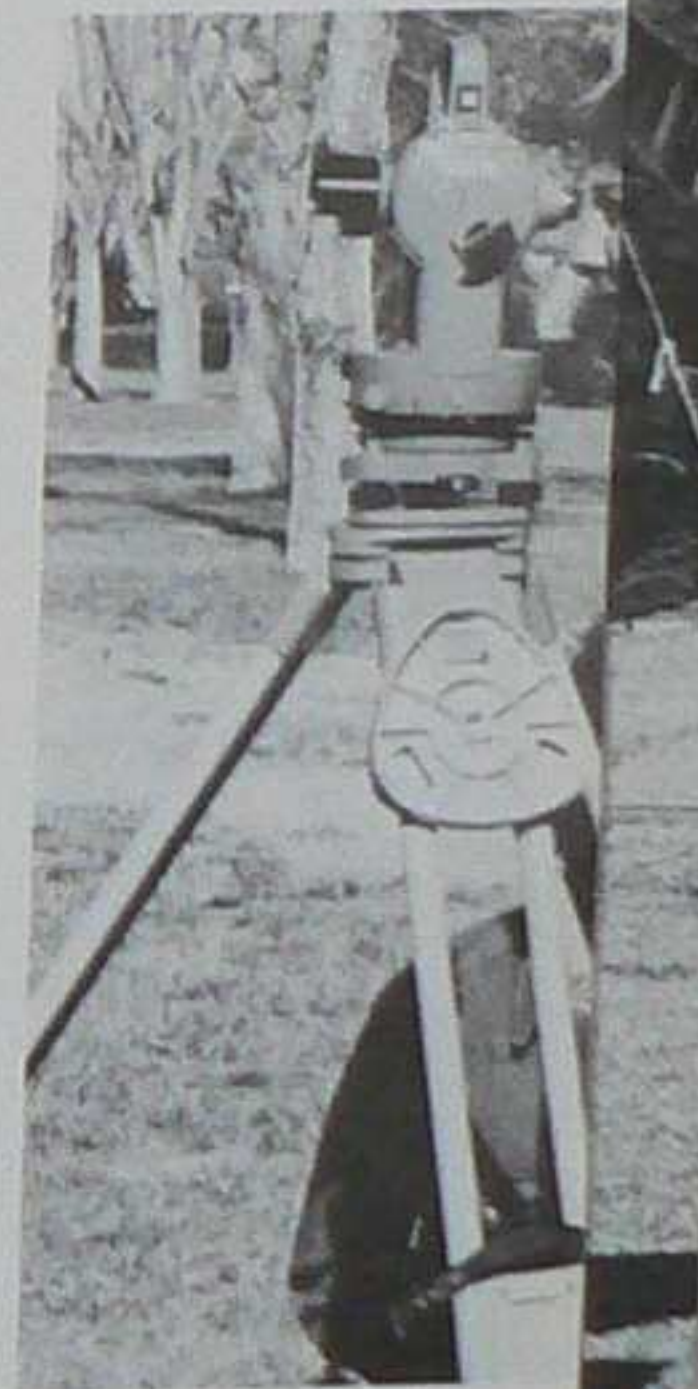
Tibor Rozgonyi
Associate Professor of
Mining Engineering

Kalman Oravec
Professor of Mining Engineering

Robert Pettit
Lecturer IV in Mining
Engineering

also

Don Buddecke
Instructor of Mining
Engineering



Petroleum Engineering

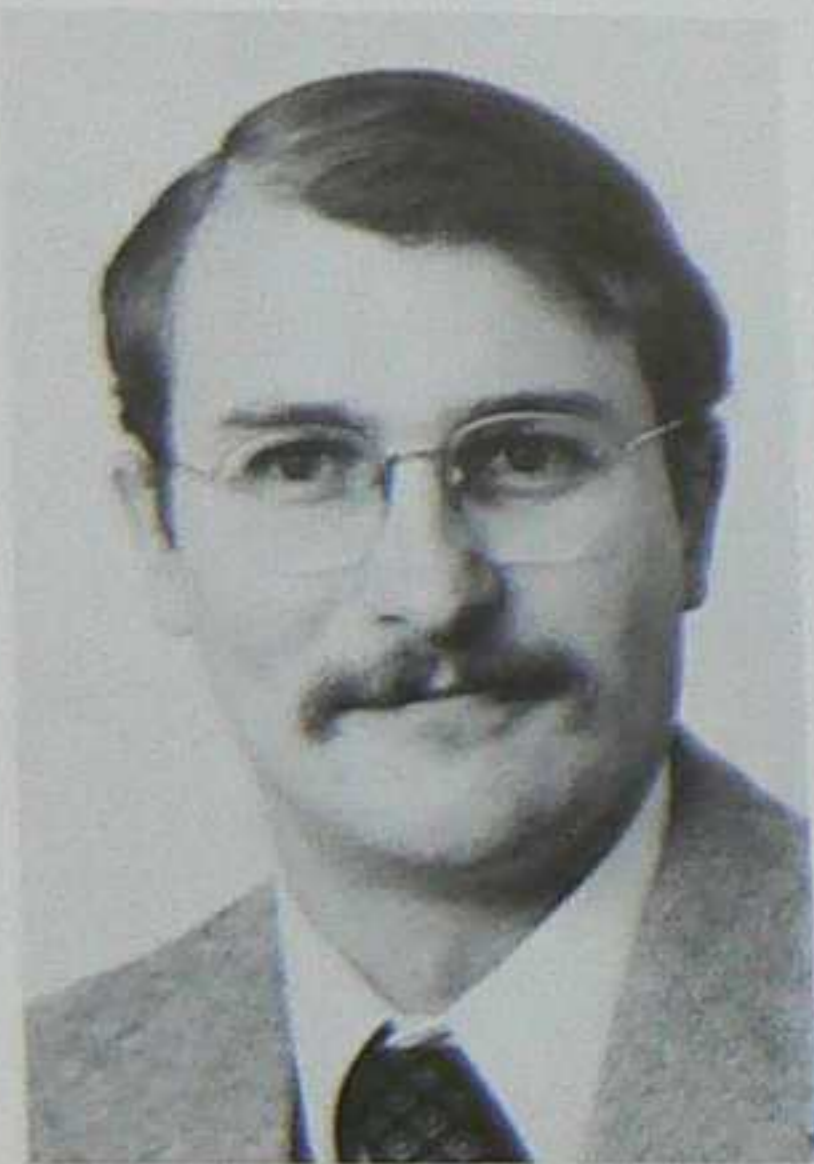
Desireable treasure and oil are in the dwelling of the wise, but a foolish man devours them.

Proverbs of Solomon, Son of David 21:20

Joseph Taber
Adjunct Professor of
Petroleum Egineering



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)



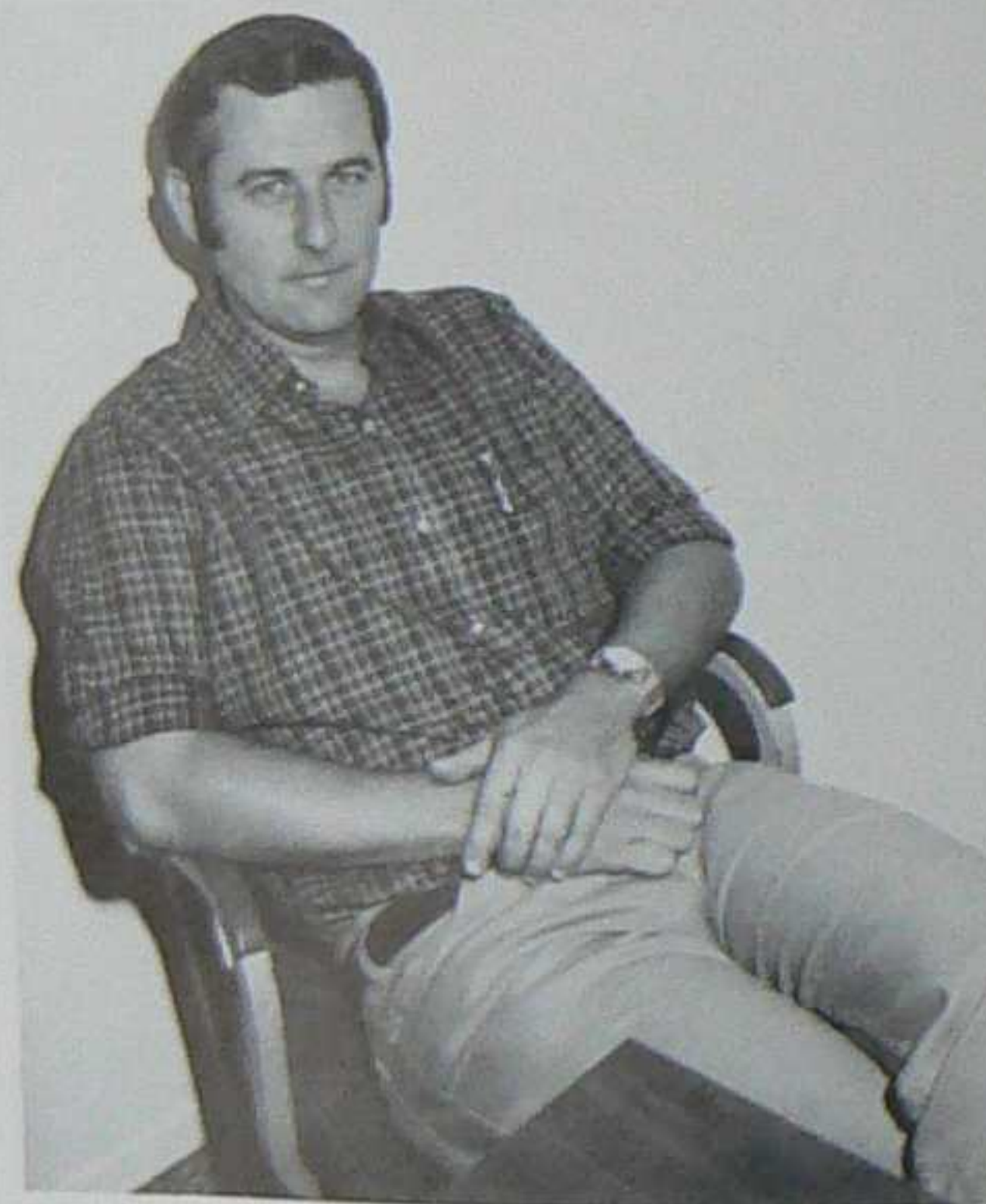
John B. Thuren
Associate Professor of
Petroleum



Cathy Aguilar-Morgan
Instructor of
Petroleum Engineering



U. K. Acharya
Associate Professor of
Petroleum Engineering



William Lyons
Lecturer IV Petroleum Engineering

also

Peter Puon
Assistant Professor of
Petroleum Engineering

Edwin Szymanski
Assistant Professor of
Petroleum Engineering



Physical Recreation

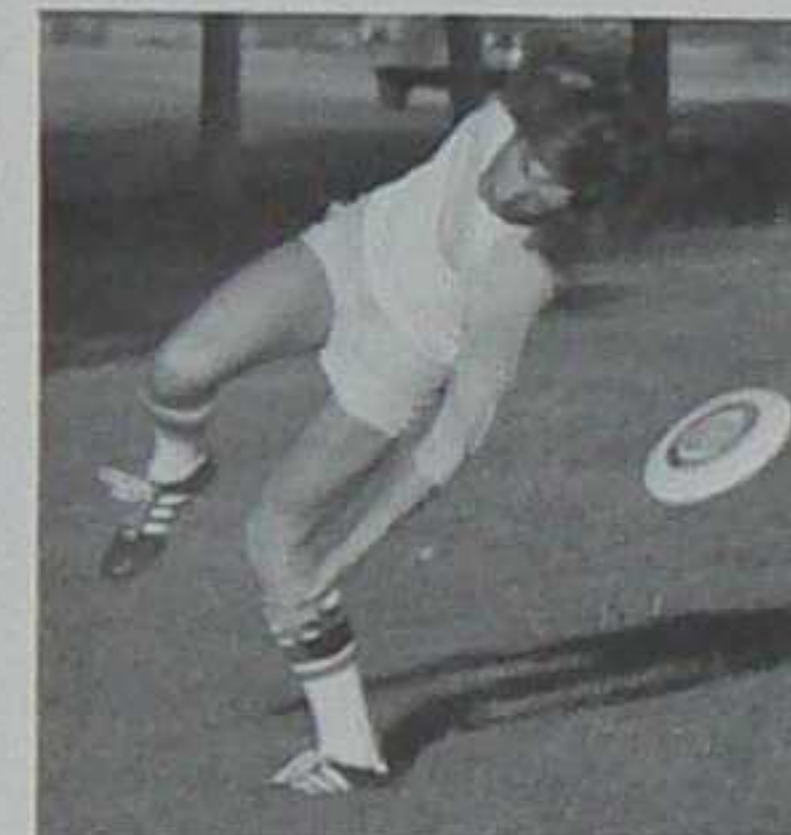
Iverson Martin
Instructor of Physical
Recreation
Golf Professional



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



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

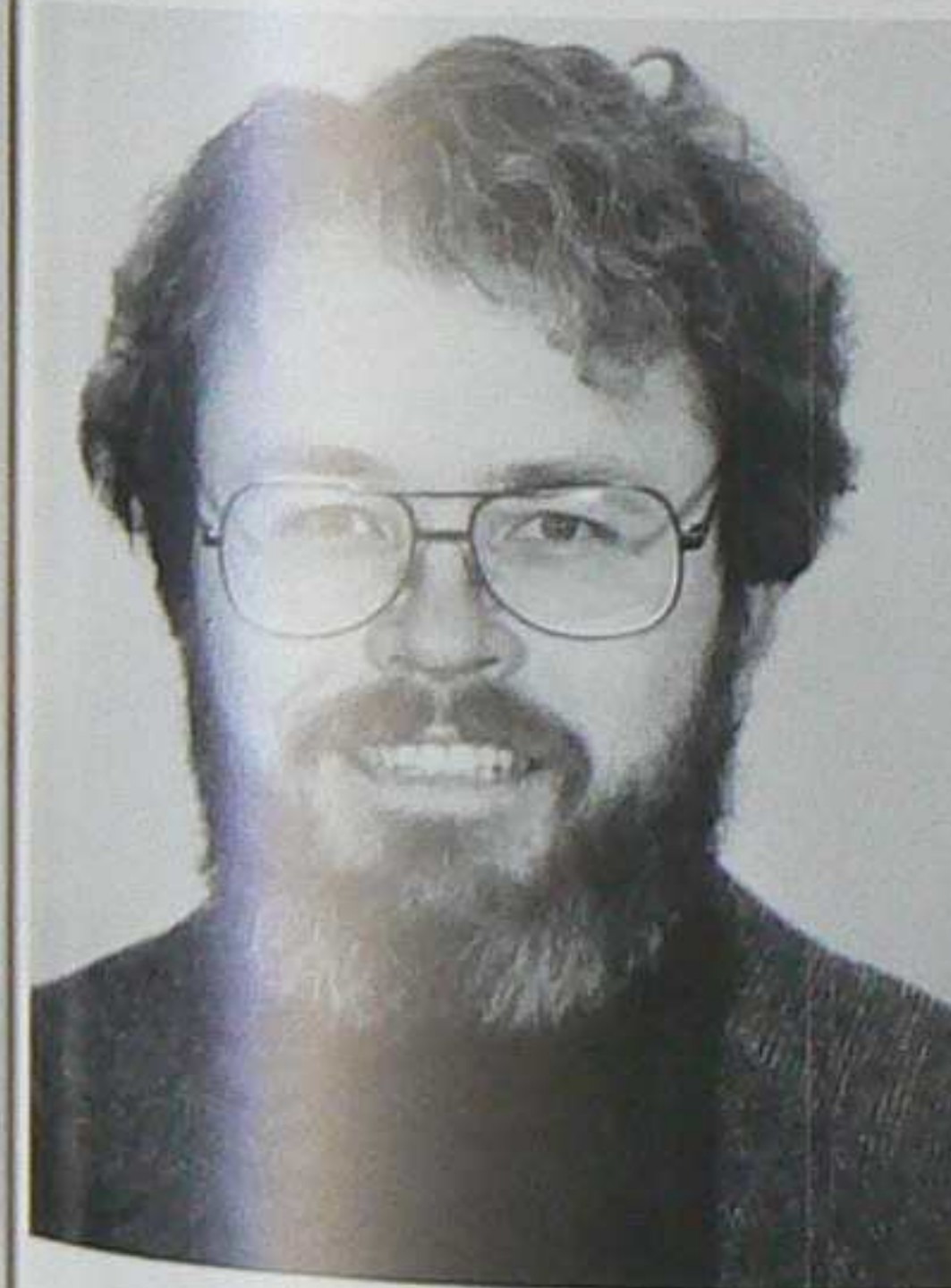
Marx Brook
Professor of Physics
Director Research and Development
Division



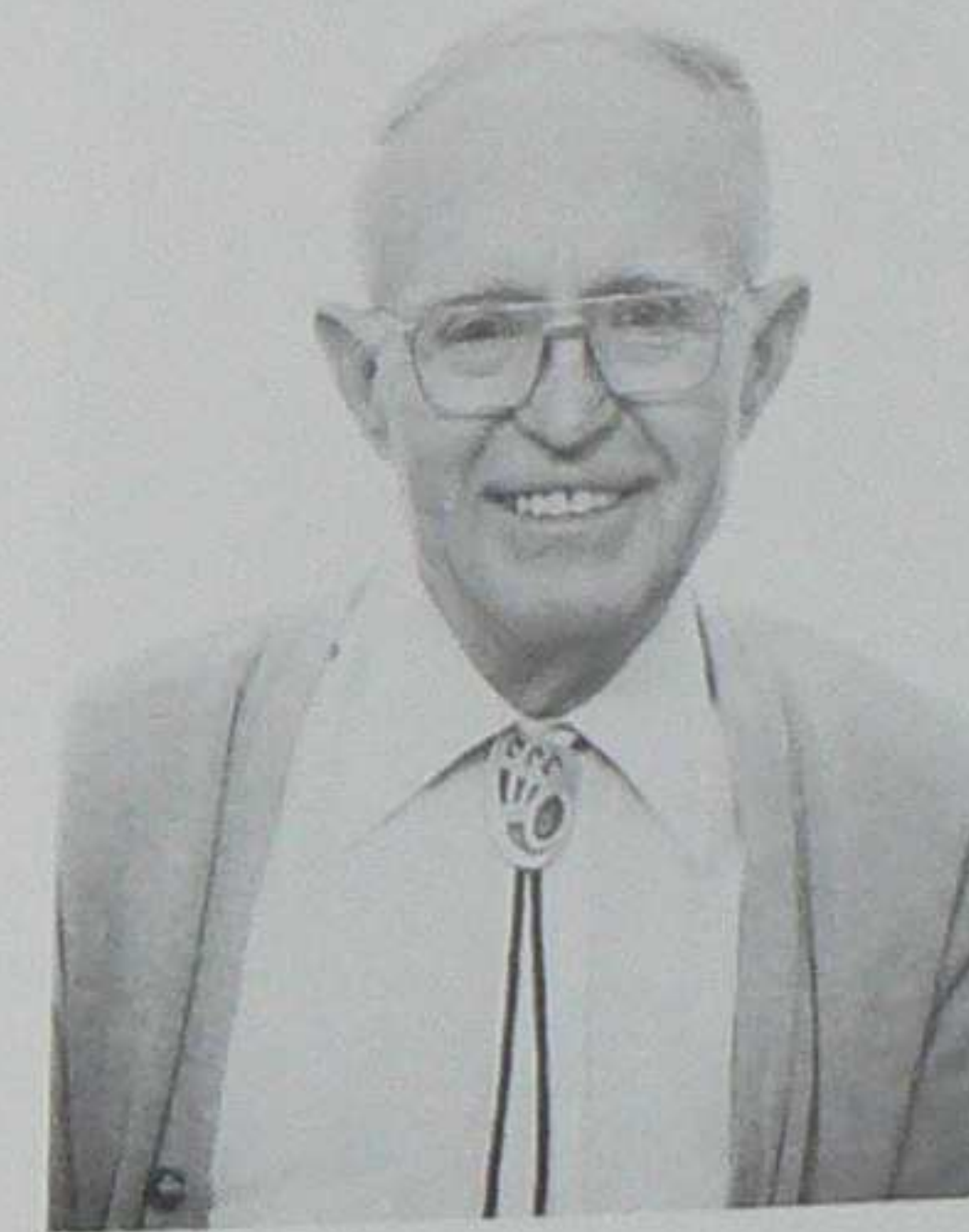
Marvin Wilkening
Professor of Physics
Dean of Graduate Studies
Senior Research Physicist



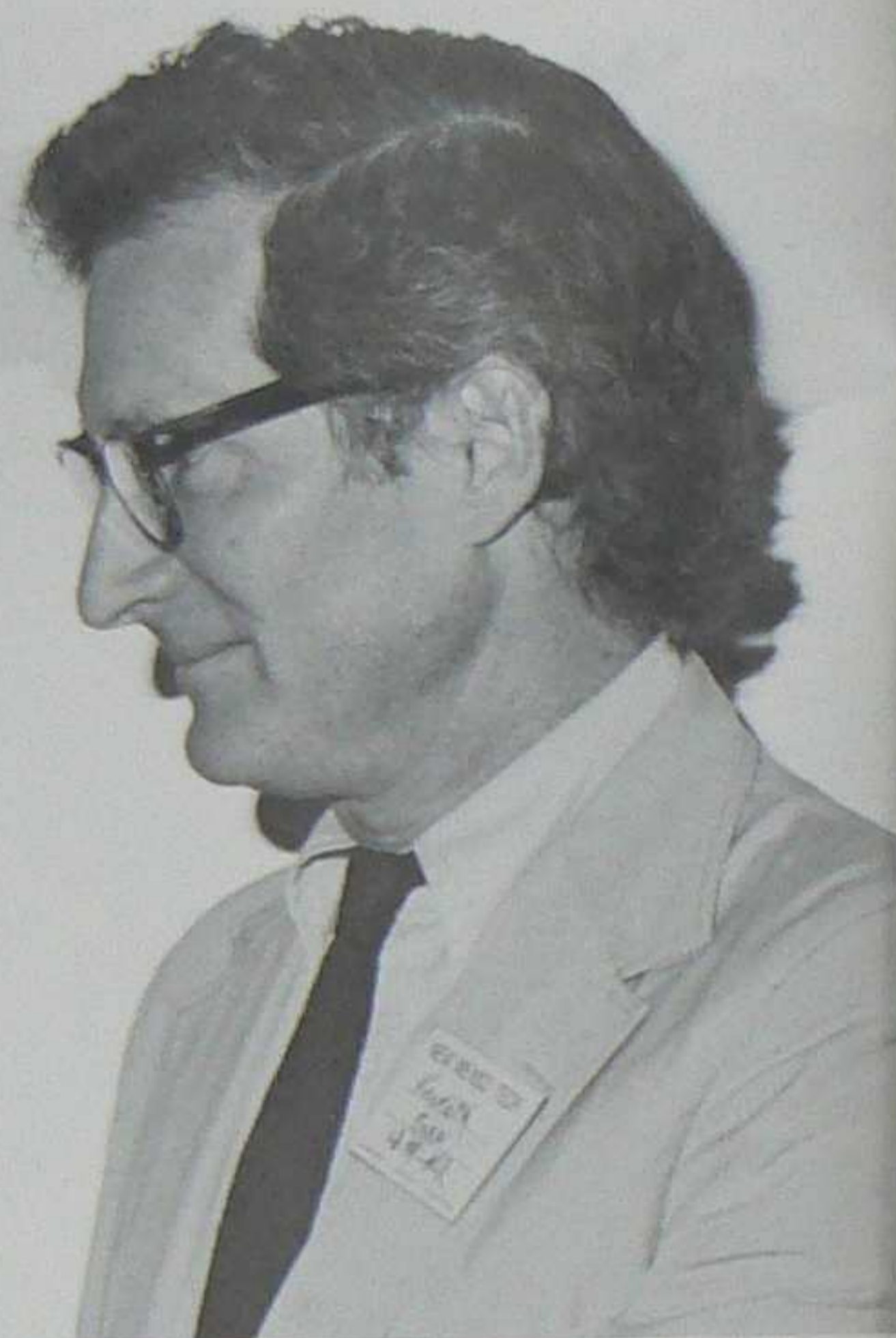
Stephen D. Schery
Assistant of Physics
Research Physicist



David M. Gibson
Assistant Professor of Astrophysics
Research Astrophysicist

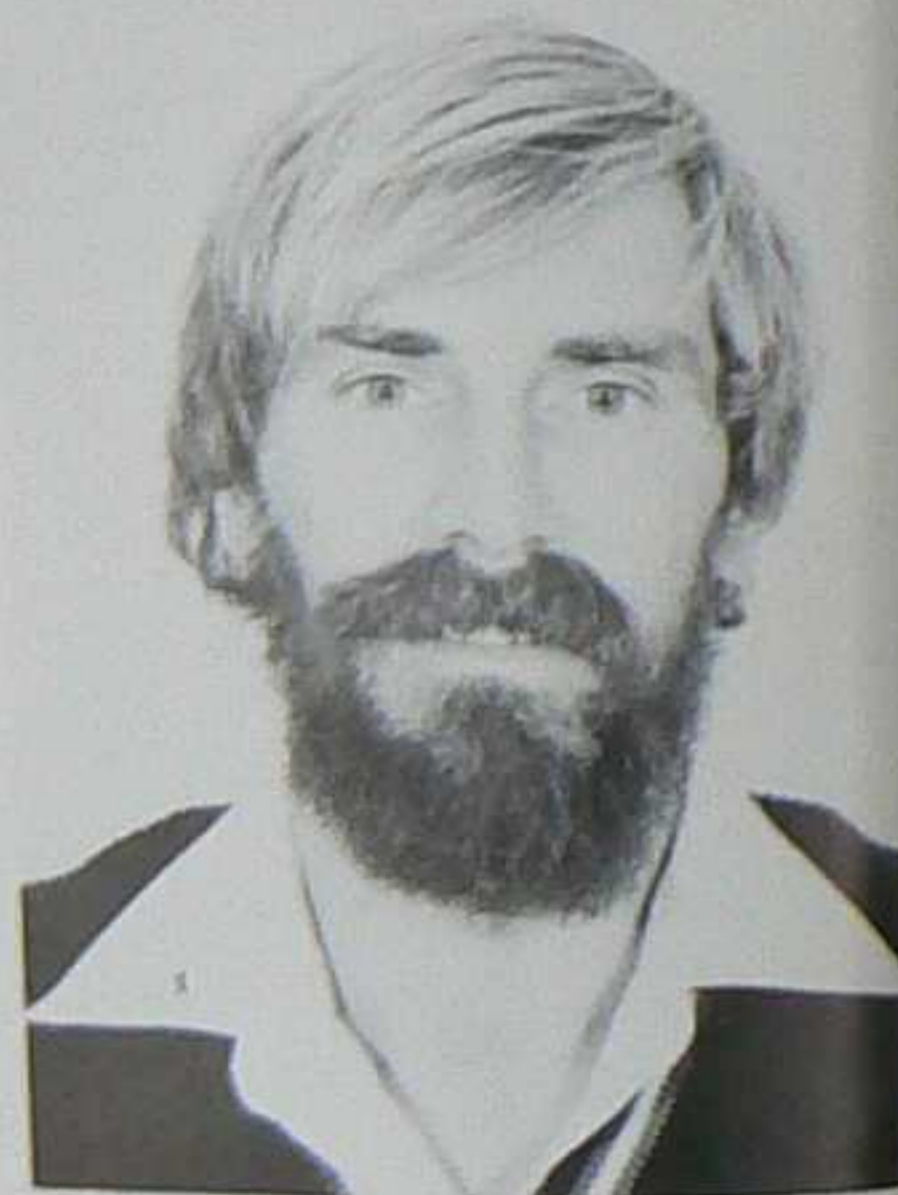


Charles R. Holmes
Professor of Physics
Acting Dean of Graduate Studies

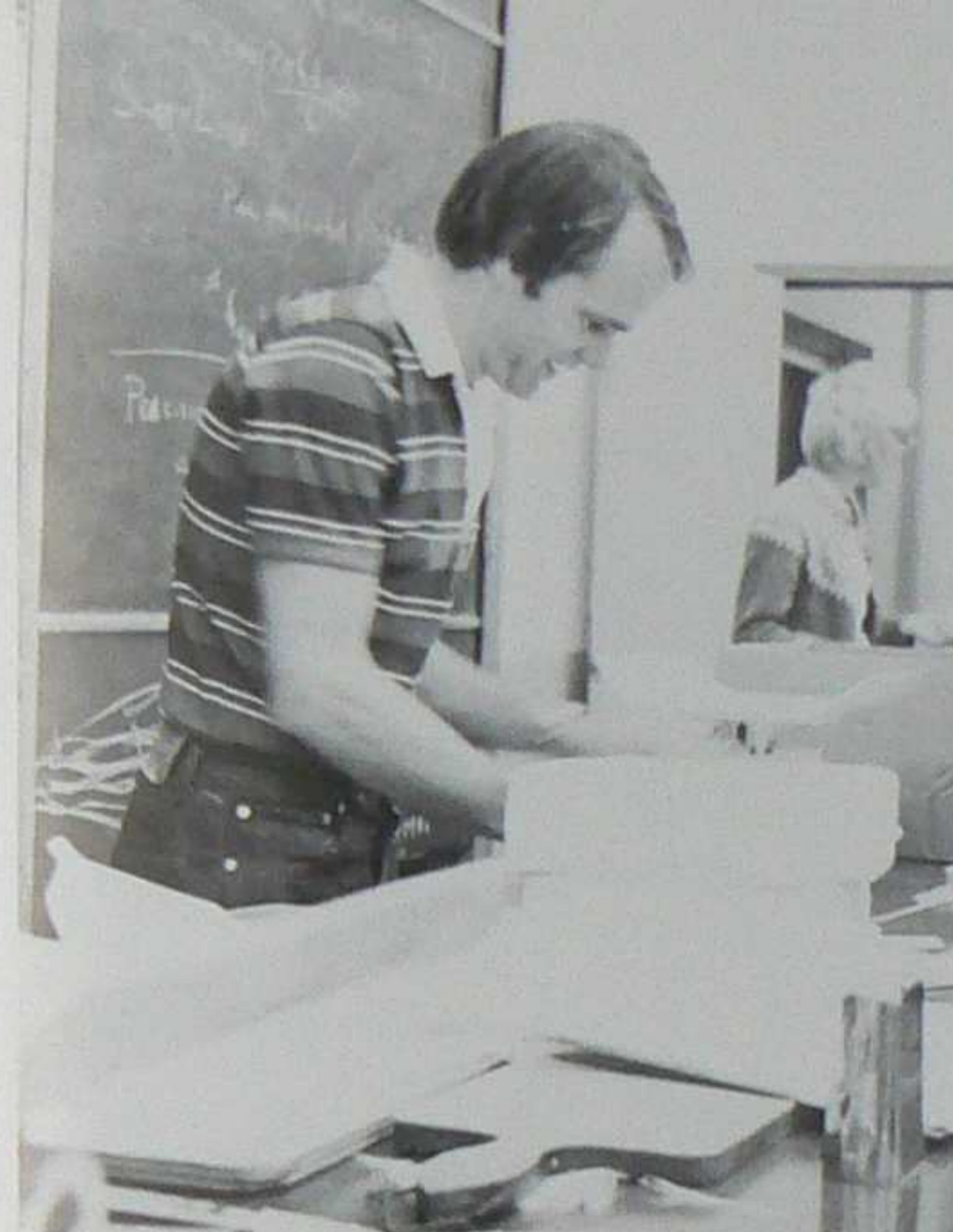


Kenneth W. Ford
Professor of Physics
President Of the Institute

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



J. A. Petterson
Assistant Professor of
Astrophysics
Research Astrophysicist



Vernon G. LeFebre
Associate Professor of Physics



Jean A. Ellek
Assistant Professor of
Astrophysics

also

Stirling A. Colgate
Adjunct Research Professor
of Physics

Ross Lomanitz
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)



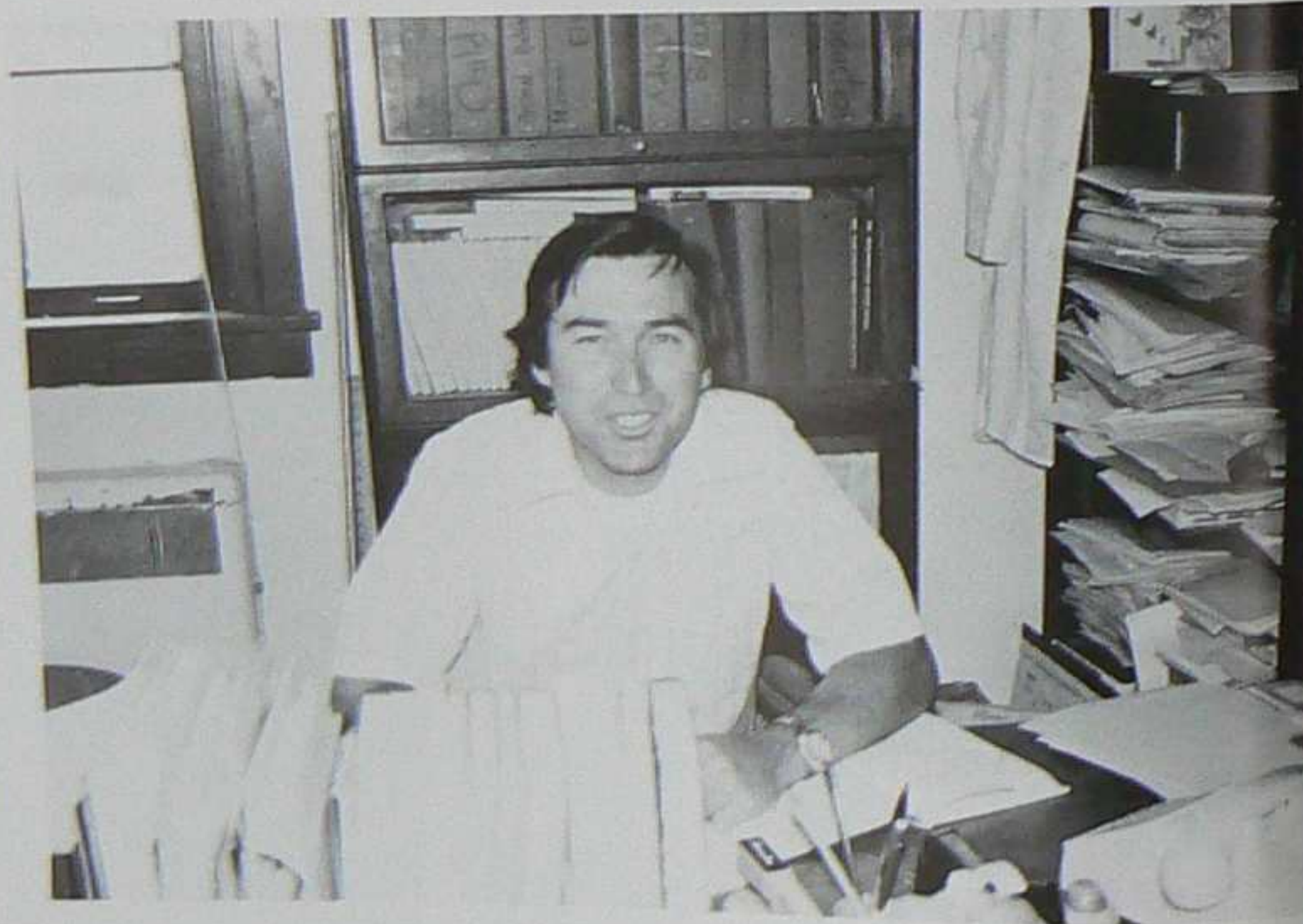
Psychology & Education

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

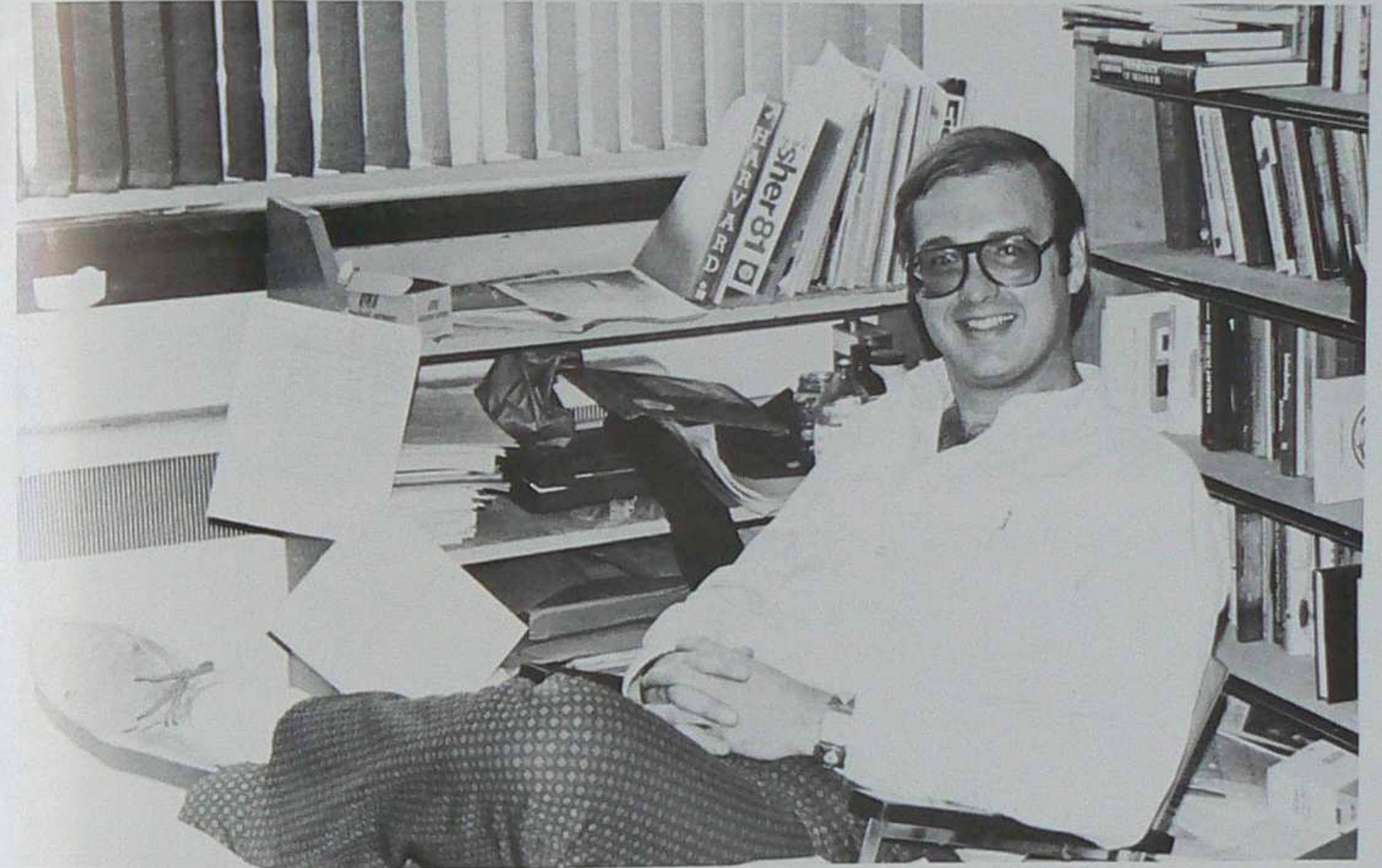
— attr: Nasrudin



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



Thomas Turney
Assistant Professor of
Psychology

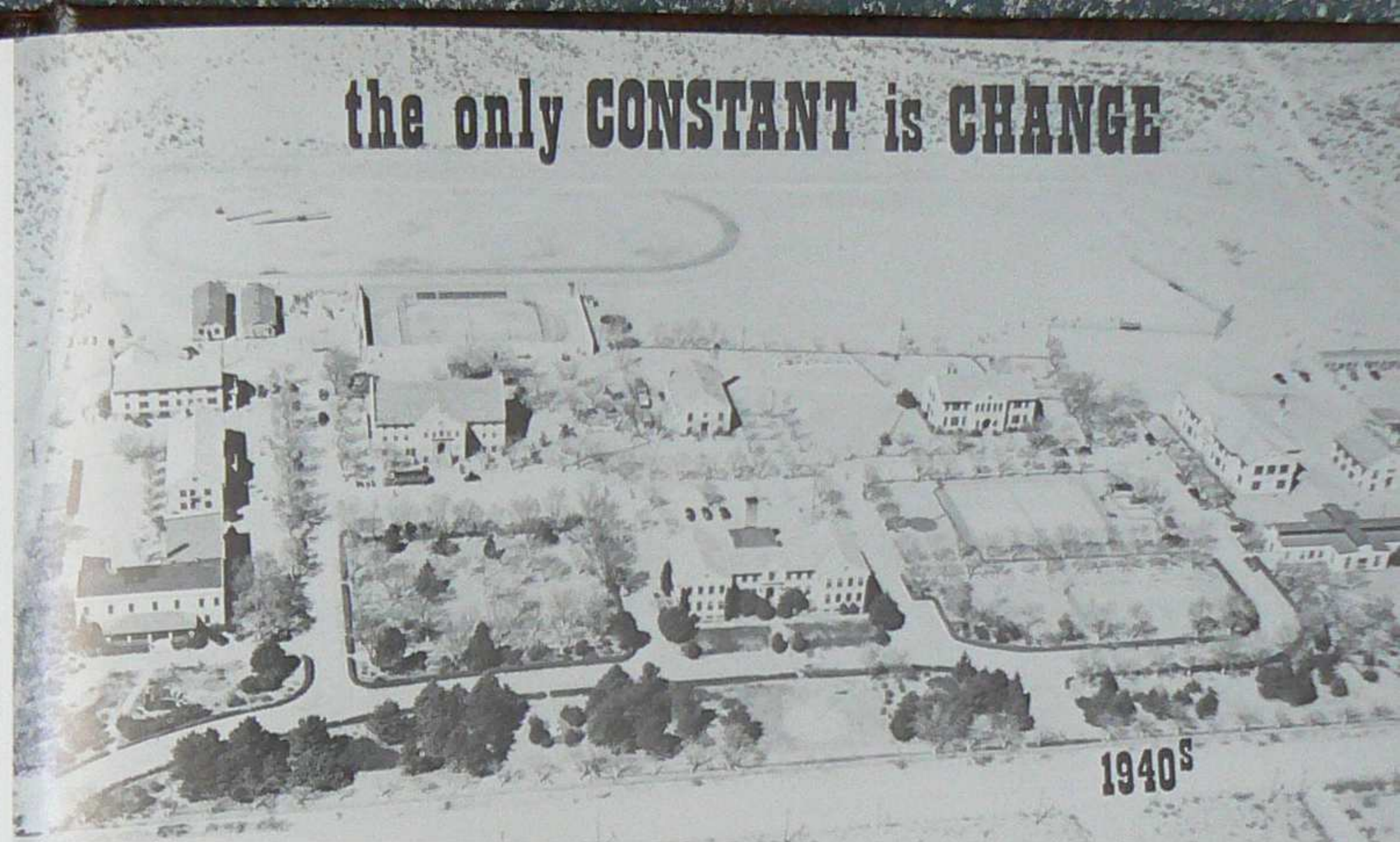


Frank T. Etscorn
Assistant Professor of
Psychology

also

Barbara Popp
Part-time Lecturer
in Education





the only **CONSTANT** is **CHANGE**

1940^s

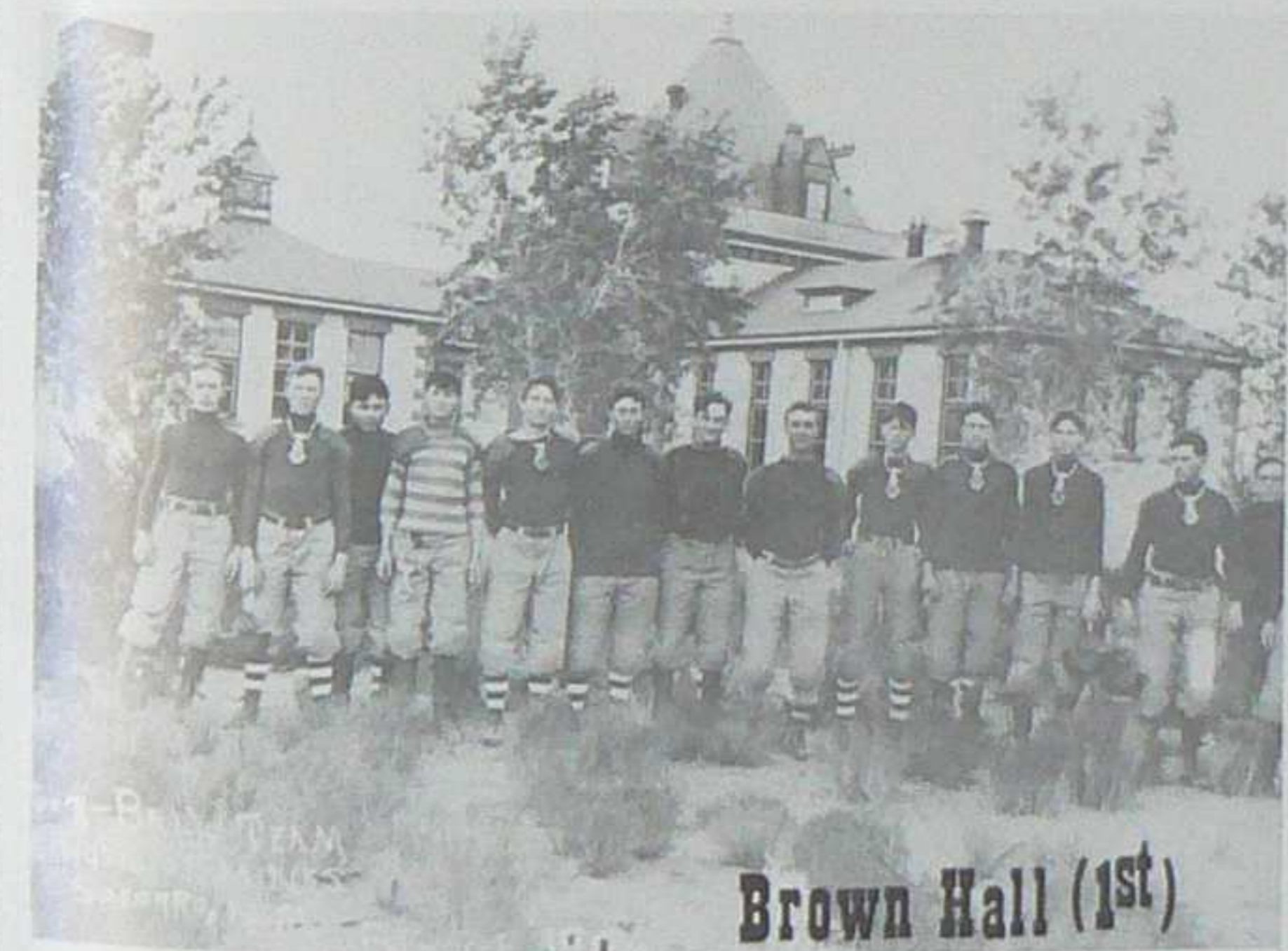


Driscoll Hall
1910

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.



Fitch Hall
1937



Brown Hall (1st)

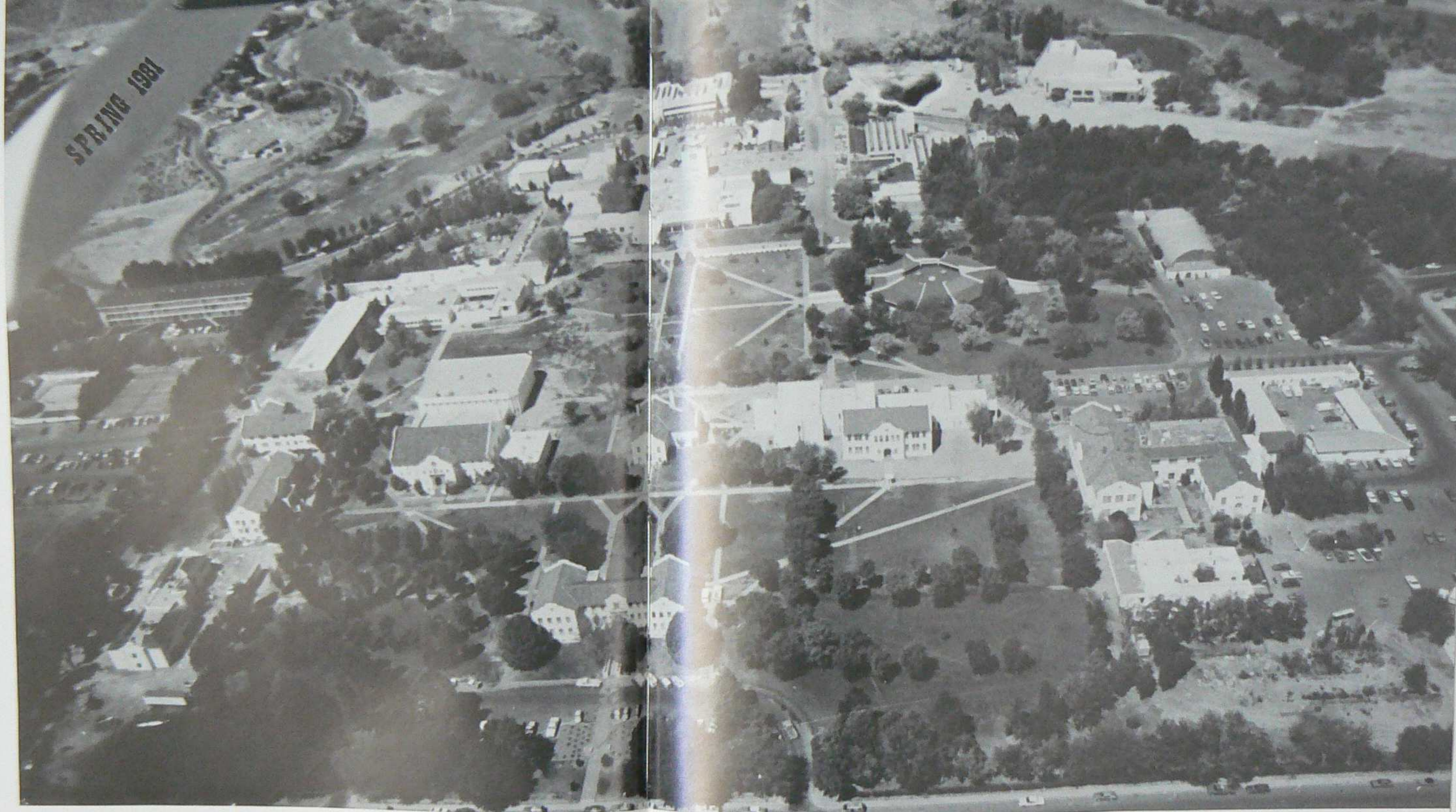
OLD MAIN

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.



1920^s



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.

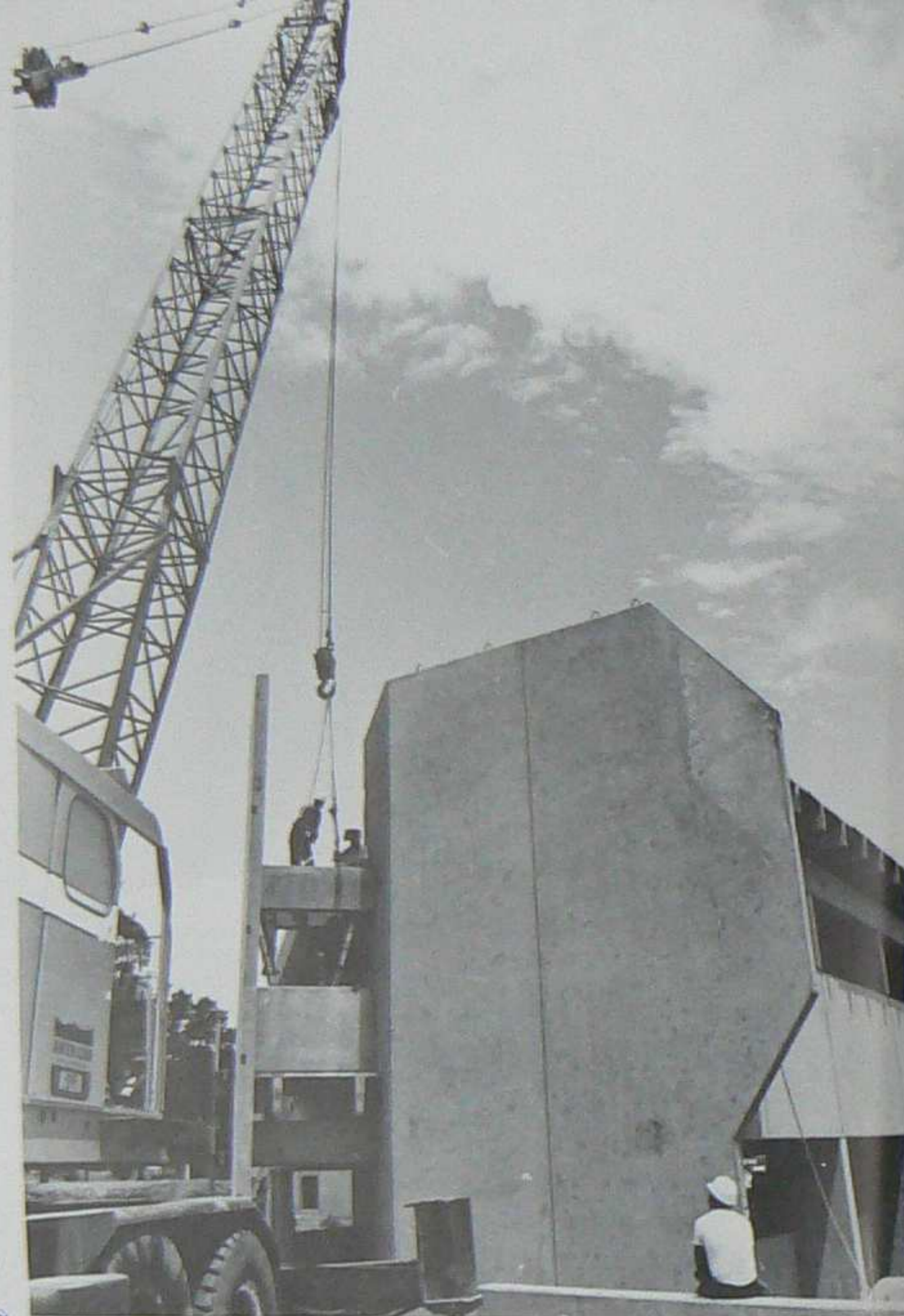
Fall of 1978 saw completion and occupation of the Kelly Building, or the Petroleum Research and Recovery Center (PRRC). This solar panel-topped building houses the Petroleum Engineering Department and sits west of Workman.

Baca Hall, a 60 person dormitory, was 'quickly assembled' on the south side of U-Hall and was occupied by fall of 1979. 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 evacuated 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 Presidents Hall. This luxurious dorm will hold 50 women and is expected to be ready for the fall 1981 students.



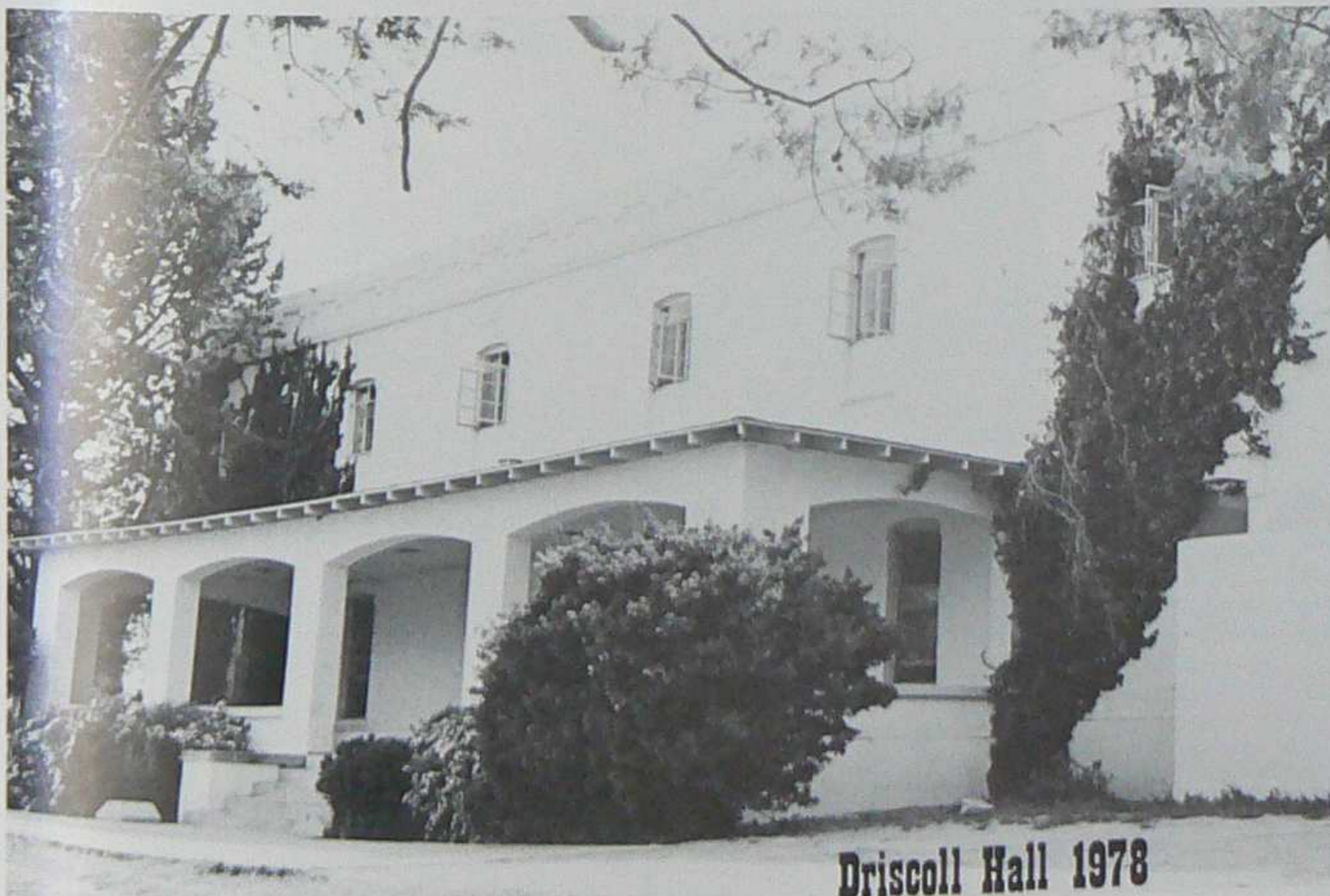
Baca Hall



pool



PRRC



Driscoll Hall 1978

STAFF



LEFT: POST OFFICE — Sharon Spurgin, Cathy Griego, Lee Kroll, Barbara George. **ABOVE: REGISTRAR** — Virginia Marquez, Patrick Buckley, Joyce Aguilar.



ADMISSIONS — Seated: Sidney Naranjo; Standing: Gary Kuykendall, Michael Campbell, Louise Chamberlin, Rexanna Caudle, Dina DesGeorges.



LEFT: AUXILLARY ENTERPRISES (Campus Service) — Seated: Linda Padilla; Standing: Lois Bell, Carla 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 Santomena; Row 3: Jim Dryden, Don Irby.



ABOVE: ALUMNI & DEVELOPMENT — Seated: Janet Montoya, Kathy Bradley; Standing: Gayle Shields, Don Salmon. **RIGHT: BUSINESS OFFICE** — Front Row: Florence Jeffries; Row 2: Jo-Anne Bergeron, CC Archuleta, Mary Ann Corcoran, Al Coulloudon; Absent: Bill Hemenway, Gloria Stephens.





RIGHT: LIBRARY STAFF — Clockwise from top: George Zamora, Kathy LeFebre, Betty Reynolds, Marty Gilmore, Bev Hawks, Anthony Telles; Absent: Sharon Wooldridge.



ABOVE: DATA PROCESSING — Seated: Bob Tacker; Standing: Jim Wilson, Mike Gillis, Bill Cadier.



RIGHT: FINANCIAL AID — Seated: Priscilla Anaya; Standing: Simon Gormley, Ruth Brown.



LEFT: COMPUTER CENTER — David Duggan, Moe Poteet, Randy Hoebelmeirich, Patti Myers, Jesse Chisholm, Nancy McLaughlin, Frank Shelly, Gary Smith; Absent: Nattie Gonzales, David Northrop, Ralf Durkee, Carl Olsen, Estephenita Lujan, Larry Chavez, Dan Liddell, Andy Dysart, Ed Bennett, Mary Runyan, Lyle Benally, Mary Minor, Al Bouthillier.



ABOVE: PERSONNEL — Seated: Karen Bontrager; Standing: Louise Martin, Rhonda Savedge St. George.



RIGHT: INFORMATION SERVICE — Seated: Shirley McNaluly; Standing: Ron Hamm, Kathleen Garrett, Tommy O. Gonzales, Renee Rubin, Stephenie Landregan, Beverly Ohline, Elena Uilbarri; Absent: Rufie Montoya.



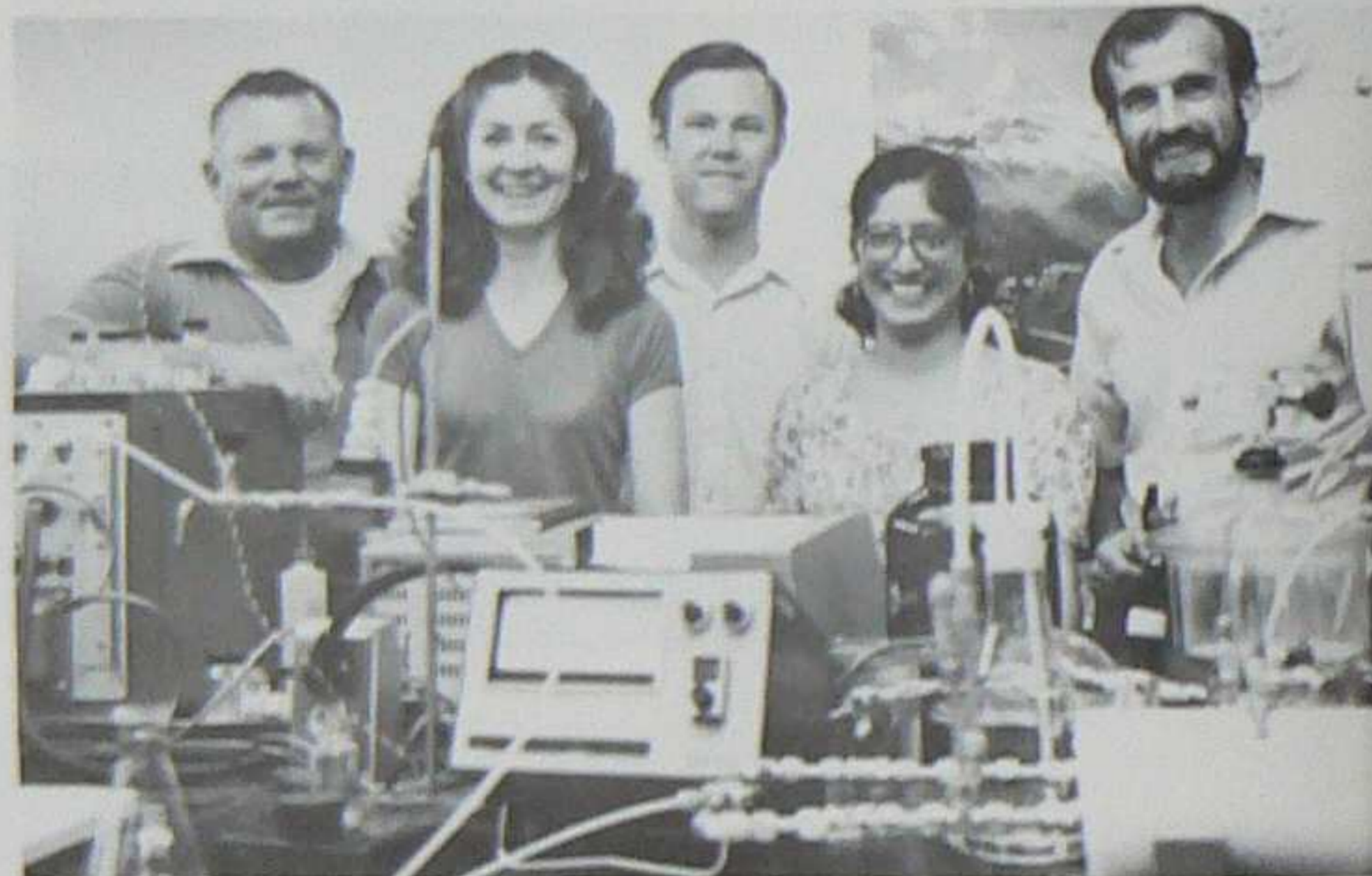
LEFT: SECURITY - Seated: Tom Zimmerman; Standing: Lydio Armijo, Thurman Derryberry, Tom Matula, Tom Vivian; Absent: Patrick Dibatolomeo, Ofless Eatmon, Jr., Larry Radican, Robert Cook.

Petroleum Recovery Research Center

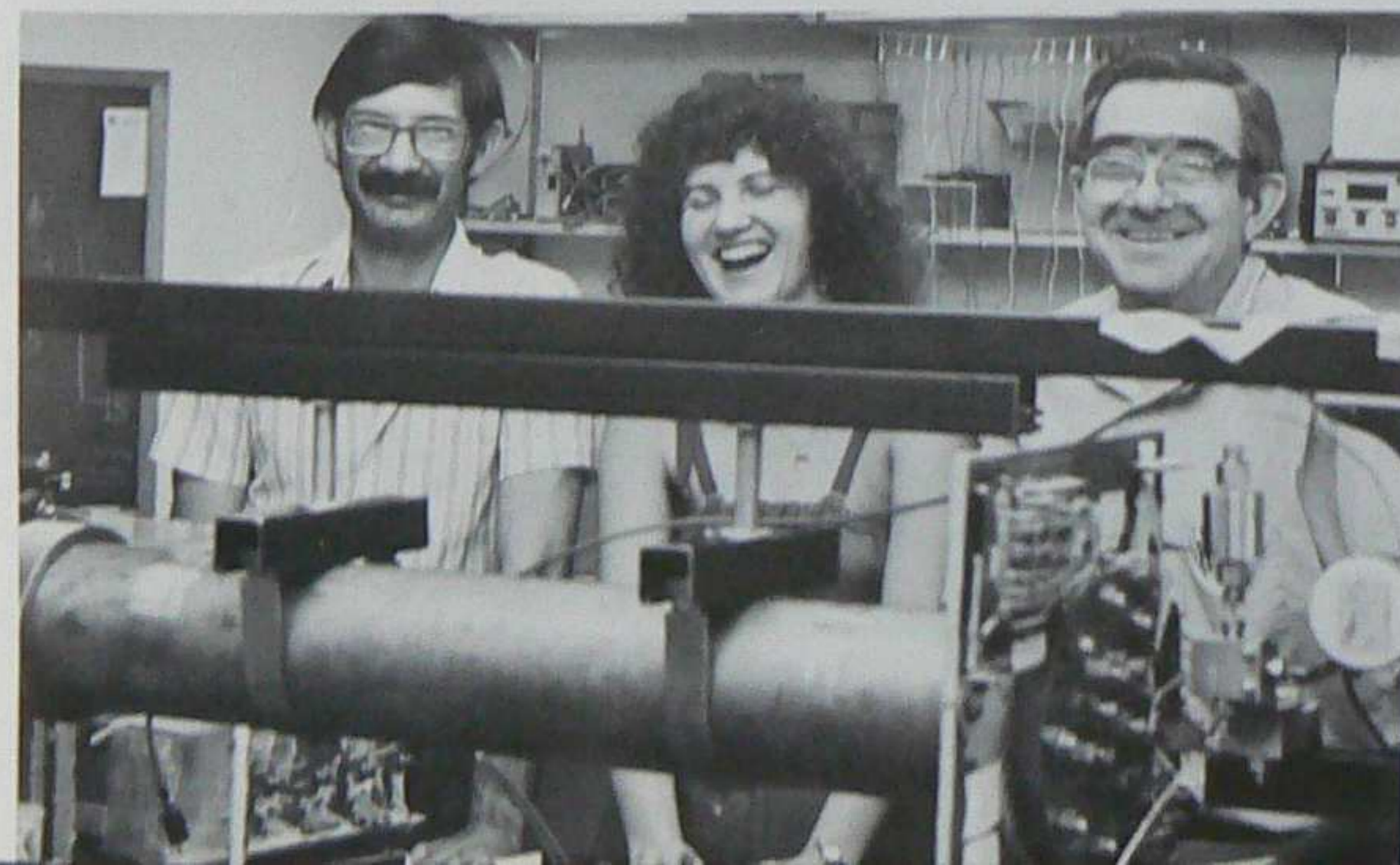
RIGHT: CO₂ FLOODING GROUP — Mickey Pelletier, Matthew K. Silva, Claire Jensen, Mary Graham, Chris Lien, Bob Bretz; Absent: Lnyy Orr.



RIGHT: BASIC STUDIES GROUP — Earl Barber, Shirleen Hicks, Neal Kilmer, Vijoya Dandge, John Chatzis. BELOW: ADMINISTRATION — Seated: Ann Irby, Pat Rosenthal; Standing: Dora Kelley, J.J. Taber, B. Jack Gallaher, Kathy Grattan.



ABOVE: IMPROVED WATER AND POLYMER FLOODING GROUP — Doug Wilson, Joseph Triana, Dave Martin, Jill Ward, Laura Hill, Mark Garrett. LEFT: GEOLOGY GROUP — Clay Melton, Roy Foster. BELOW: CO₂ MOBILITY CONTROL GROUP — Jim McLemore, Suzie Jean Weber, John Heller.



**NEW MEXICO BUREAU
OF MINES AND
MINERAL RESOURCES**



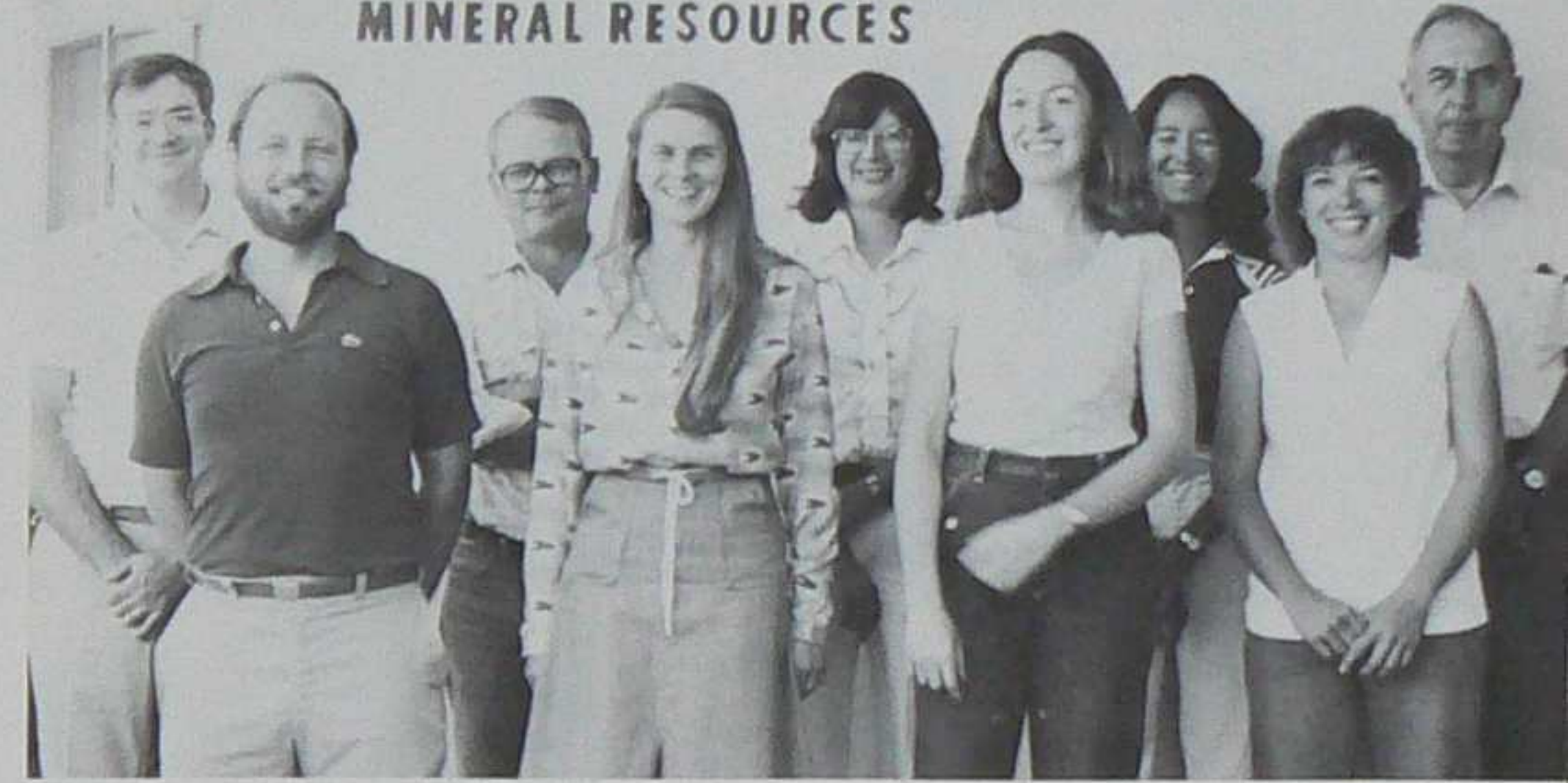
BUREAU OF MINES — Sam Thompson, John Hawley, Debbie Vetterman, Steve Blodgett, Teresa Mueller, Lynn Brandvold, James Brannan, Bob Weber, Richard Chavez, Lois Devlin, Jacques Renault, Robert Kelley; Absent: Jeanette Abundis, Marla Adkins, Orin Anderson, Ruben Archuleta, Kevin Baker, Ron Broadhead, Brenda Broadwell, Jane Calcert, Frank Campbell, Charles Chapin, Jeanette Chavez, Ken Chavez, Ruben Crespín, Amelia Dondero, Bob Eveleth, Babette Faris, Rousseau Flower, Steve Frost, Dana Heljeson, Annabelle Lopez, Lynne McNeil, Wes Mauldin, Dave Menzie, Bob North, Keith O'Brien, Glen Osborn, JoAnne Osborn, Robert Quick, Marshall Reiter, Jamie Robertson, Gretchen Roybal, Jackie Smith, Bill Stone, Don Wolberg.

**NEW MEXICO BUREAU
OF MINES AND
MINERAL RESOURCES**



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

**NEW MEXICO BUREAU
OF MINES AND
MINERAL RESOURCES**



BUREAU OF MINES — Richard Chamberlin, Mark Logsdon, Michael Wooldridge, Corale Brierley, Virginia McLemore, Amy Shacklett, Cindy Howell, Barbara Popp, Robert Bieberman.



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



BUILDINGS & GROUNDS — Front Row: George Wolfe, Candy Zamora, Louie Armijo, Isaac Chavez; Row 2: Charlie Schroeder, Randall Franks, Mike Jojola, Tammy Cook, Ben Rivera, Jim Schaffner; Absent: Richard Padilla, Stanley Sarate, Charles Wolf, Paul Anaya, Portirio Apodaca, Felix Crespín Sr., Julian Ortega.



CANTEEN — Joe Daniel Saavedra, Pauline Peralta, Sandra Gonzales, Frankie Gonzales, Dessie Gonzales, Helen M. Lopez; Absent: Barbara Jacquez.

T. E. R. A.

RIGHT: MACHINISTS — Dan Brawley, Andy Martinez, Bill Sinnott, Joe Montoya, Carlo Chavez, Leonard Edmonds, David Gonzales, Arthur Orwat, Fred Windmoeller, Don Velzy, Pedro Barela, Kyle Dillard, Jr.



ABOVE: CONSTRUCTION CREW — Front Row: Charles VanLandingham, Perfecto Gonzales, Trinie Romero, John Padilla, Manuel Vega, Alney Kerby, Brent Fazio, Leo Corrao. **LEFT: FIELD CREW** — Front Row: K. C. Cottom, Raymond Sanchez, Raymond Montoya, Mike Herrera ("Gerber"), Gilbert Gonzales; Row 2: Bob Greiner, Frank Padilla, Joe L. Gutierrez, Mike S. Herrera, Sr.

RIGHT: MISCELLANEOUS STAFF — John P. McLain, R. K. Bailey, Pete Gonzales, Jim Forster, Pat Buckley, Lamar Kempton, M. H. Tichenor, R. W. Sitter, Dave Wilson, Larry Libersky, K. Sorensen, Dave Collis.



RIGHT: PHOTOGRAPHY CREW — Bill Strong, Bill Shell, Paul Romero, Clay Schultz; Absent: Dick Gallegos, Walter Robinson.



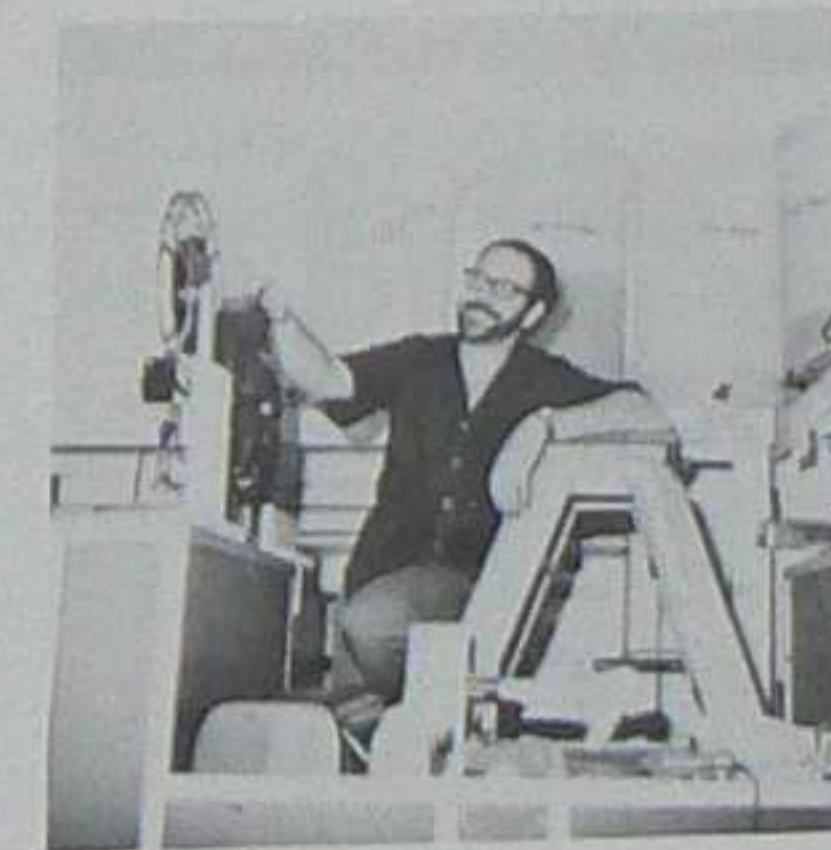
LEFT: INSTRUMENTATION GROUP — E. F. Savedge, John Gallagher, Mike Emch.



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 Starkey, Dennis Hunter, Bill Rucker. **BELOW: OFFICE STAFF** — Gloria Green, Victoria Dye, Debbie Brook, Rose Naranjo.



ABOVE: PHYSICAL PLANT — Front Row: Robert Hignight, Henry Padilla, Rudie Ortega, Tim Silva, Ramon Salas, Mel Romero, Muco Gonzales, Leandro Lucero, Ray Ortega, John Pack, Kyle Dillard; Row 2: Greg Gutierrez, Al Porter, Pete Sanchez; Row 3: Tony Torres, Pete Vigil, Hijinio Romero, Marvin Meadows, Rick Gutierrez, Dick Gibson; Row 4: Rick Tafoya, Felix Torres, Frank Hill, Albert Baca, Raymond Jaramillo, Mike Appel, Stanley Esquivel, George Padilla, Richard Gonzales; Row 5: David Hines, Raymond Zamora, Sergio Tafoya, Delbert Zamora, Heinz Lessau, Eloy Sanchez; Absent: Chris Torres, Raymond Vallejos, Sonny Payne, Howard Terry, Valentin Silva, Mel Torres. **BELOW LEFT: PHYSICAL PLANT OFFICE STAFF** — Emily Wise, Debbie Trujillo.



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

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 Starkey, Dennis Hunter, Bill Rucker. **BELOW: OFFICE STAFF** — Gloria Green, Victoria Dye, Debbie Brook, Rose Naranjo.



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

Clubs and

Organizations



Student Association (SA)

L-R, seated: Keith Mailloux : SA President (1980-1981)
 Kevin Donovan : SA Vice President
 Linda Armijo : SA Secretary (1980-1981)
 SA President (1981-)

Standing: Johann Lindig, Brad Bradley, Piper Schlick, Brian Ritter (Supreme Court Justice), Dodi Cohen, Jim Rice, Art Johnston, Joann Vullo, Brian Davis, Kris Hafterson, Dan Carlson.



Society of Petroleum Engineers

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



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



MINERALOGICAL SOCIETY: FRONT ROW: Becky Petzinger, Diane Hattler, Aaron Haynes, Mary Ann Haynes, Lisa Menzie. ROW 2: Julie Rohwein, Anne Moats, Carla Kreger. ROW 3: John Fassell, Fred Beck, Pat Haynes, Mel Stairs. ROW 4: Will Moats, Travis Cato, Hugh Ronemus, Tom Keller, David Menzie. **ABSENT:** Les Cubit, Kathy Van Goldts-noven, Larry Queen, Stella Beard, Tori Byrd, David Martin, John Wakefield, John Bauch, Craig Shadel, Joseph DeMaris, Dave Buchalter, Dave Love, Tim Hanson, Tim Gathers.

Rowing Club

L-R: Brian Davis, Josh Soybell, Dave Thomas, Bob Reedy, Bob Goeke, Pete Savinelli, Steve Novak (CBF), George McAlpine, Amanda Taylor.



"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.



Soccer Team

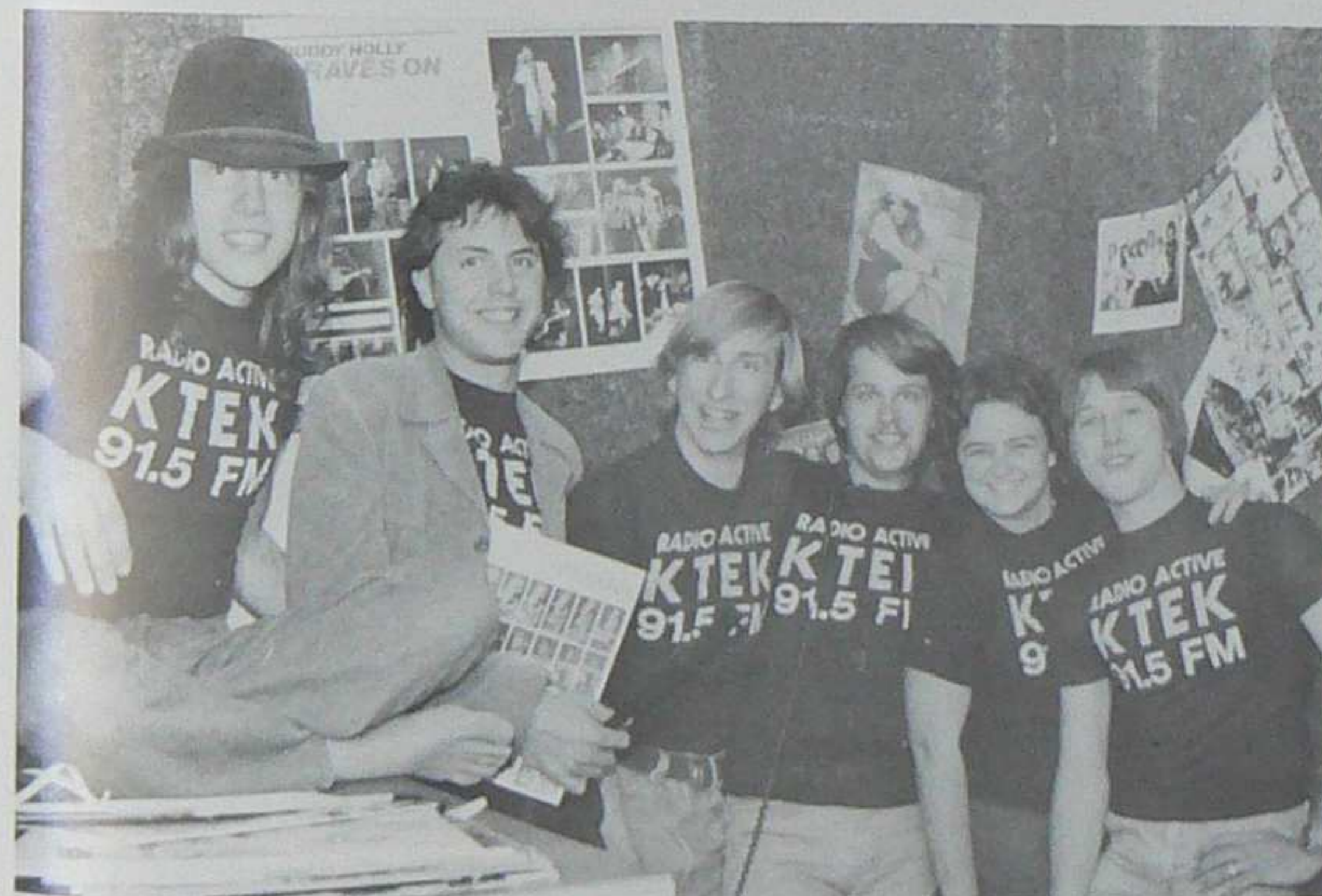
L-R: front row: Richard Krause, Steve Deffler, Ed Cole (Captain), Narid Mojtabai, Louis Cervantes, Tony Onimole.

Back row: Enrique Parra, Marc Meyers (Coach/Co-captain), Martin Nehring, Errol Watson, Andy Rosenthal, Necati Yildiz, Jacques Meyers.



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 Maulsbey, Trong Song, Back Row: Andy Lee, ?, ?, Artie Fetter, ?. (We were unable to name others.)



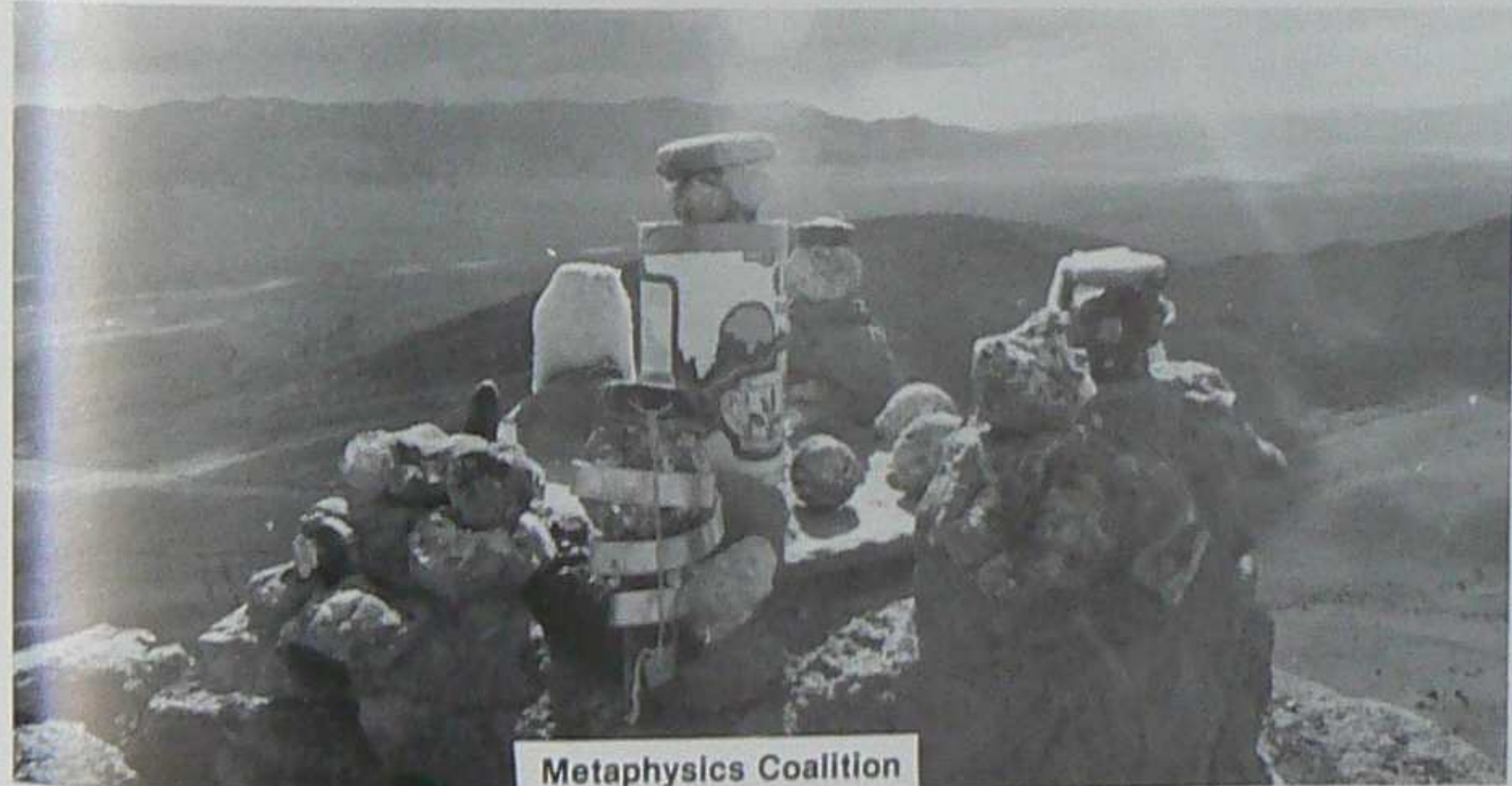
Ktek Staff

L-R Front Row: John Sorentino, Brooks Rice, Gayle Shields, Andy Orlichy, George Paler, Joe Fryer. Row 2: Jeff Caylor, ?, ?, Kimbler, Mary-Louise Wardlaw, Charlie Rowe, Mark Stevens, Chris Berry, Dave Federighi. Row 3: Steve Wolfel, ?, Mel Stairs, John Kevin Wanner, Kevin Caylor, Joel Brooks. Row 4: Dave Kapitan, Steve Amisano, Greg Lehmann, Dave Price, Jim Kough, Berry Brooks, Kevin Kelly, ?, Rob Pierce, Jim Dana, Mike Kostrzewa.



ESES

L-R, Bottom: Laura McKnight, Leanna Grossman, Kris Hafterson, Brad Bradley. Top: ?, Nancy Blount, Gwen Nichols, Janice Cohen, Angela Faye Carreathers.



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, Alelster Crowley, Tim Leary, Albert Hofmann, Mulla Nasrudin, Robert Reedy, Craig Orchant.

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



Hydrothermal Club

L-R, Front: Ruth Waldorph, Steve Mitchell, Back: Gian Bacigalupa, Dan Mack, Jim Goodman, Rex Moneymaker, Mike Witte.

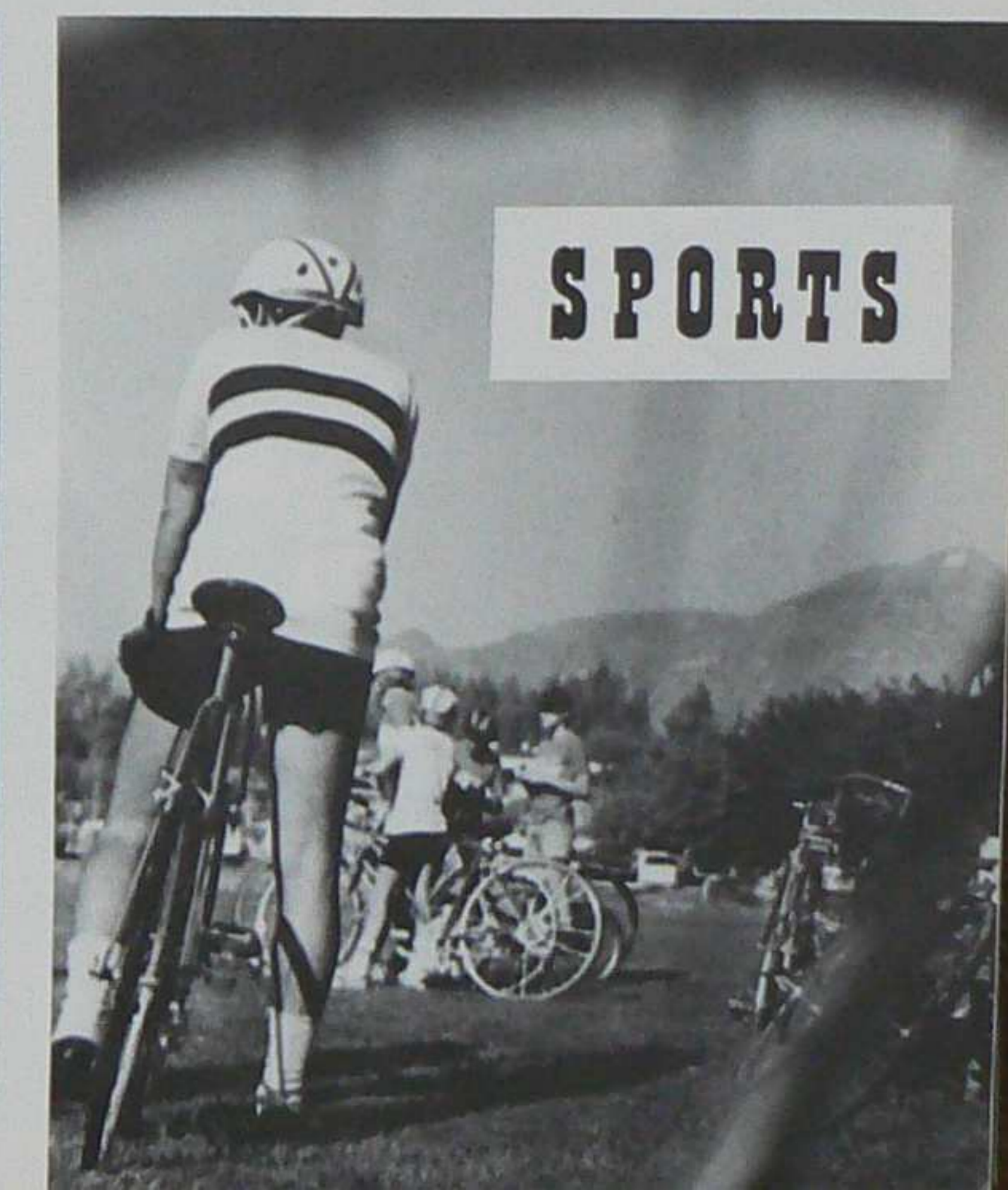


Ruggers

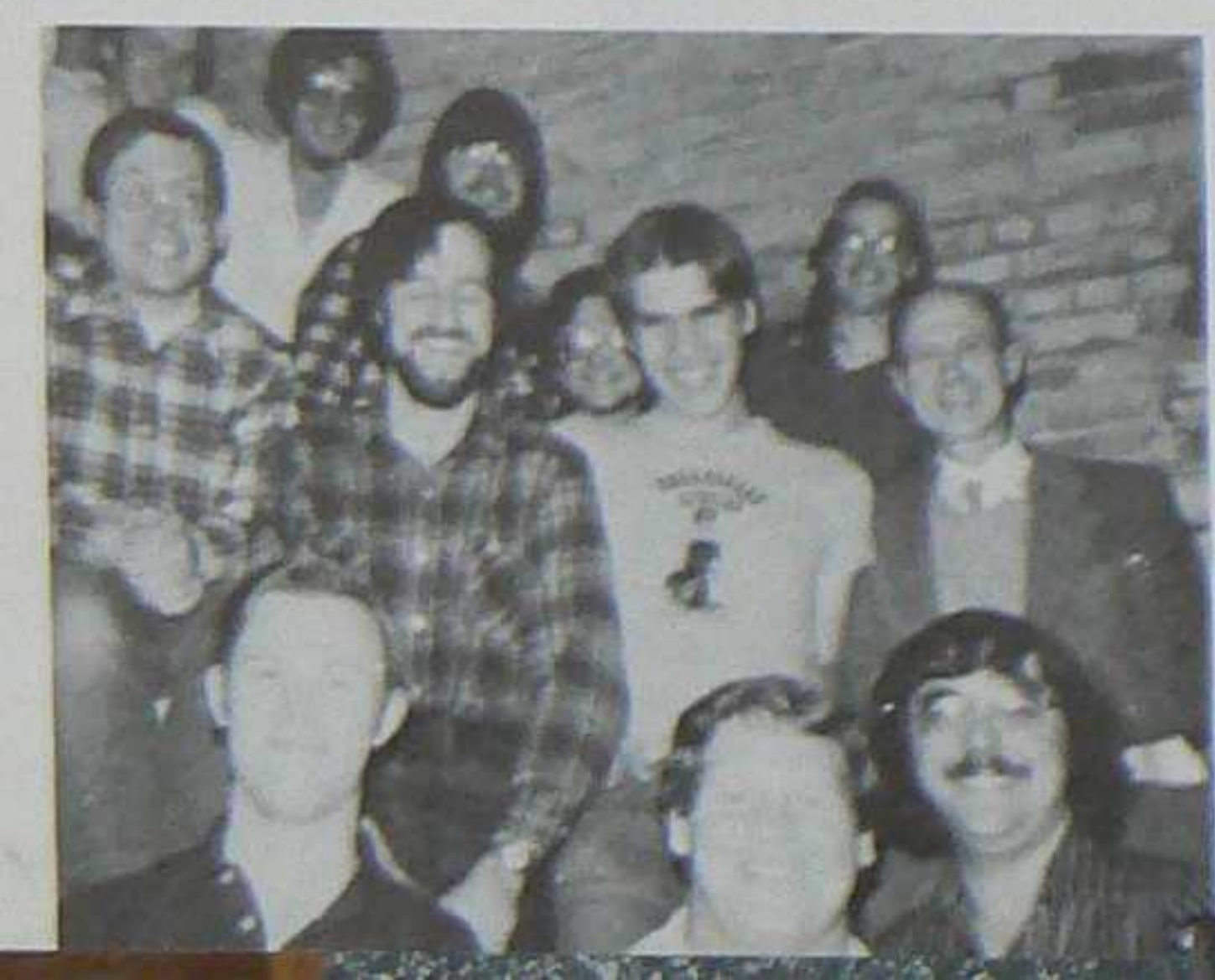
L-R Front Row: Gary Gorzyka, Jim Mims, Jay Weinstein, Scott Sigurson, Bob Maddis, Rob McAlpine, Bowling Ball, Jaun Alvarado, Back Row: Mike Birckett, Phil Poirier, Steve Novak, Mike Honeycutt, Bill Daddono, Jeff Garlough, Mckay Pugmire, Ted Garland, Henning Von Klingraeff, Keith Stock, last two members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

The Mustard Seeders

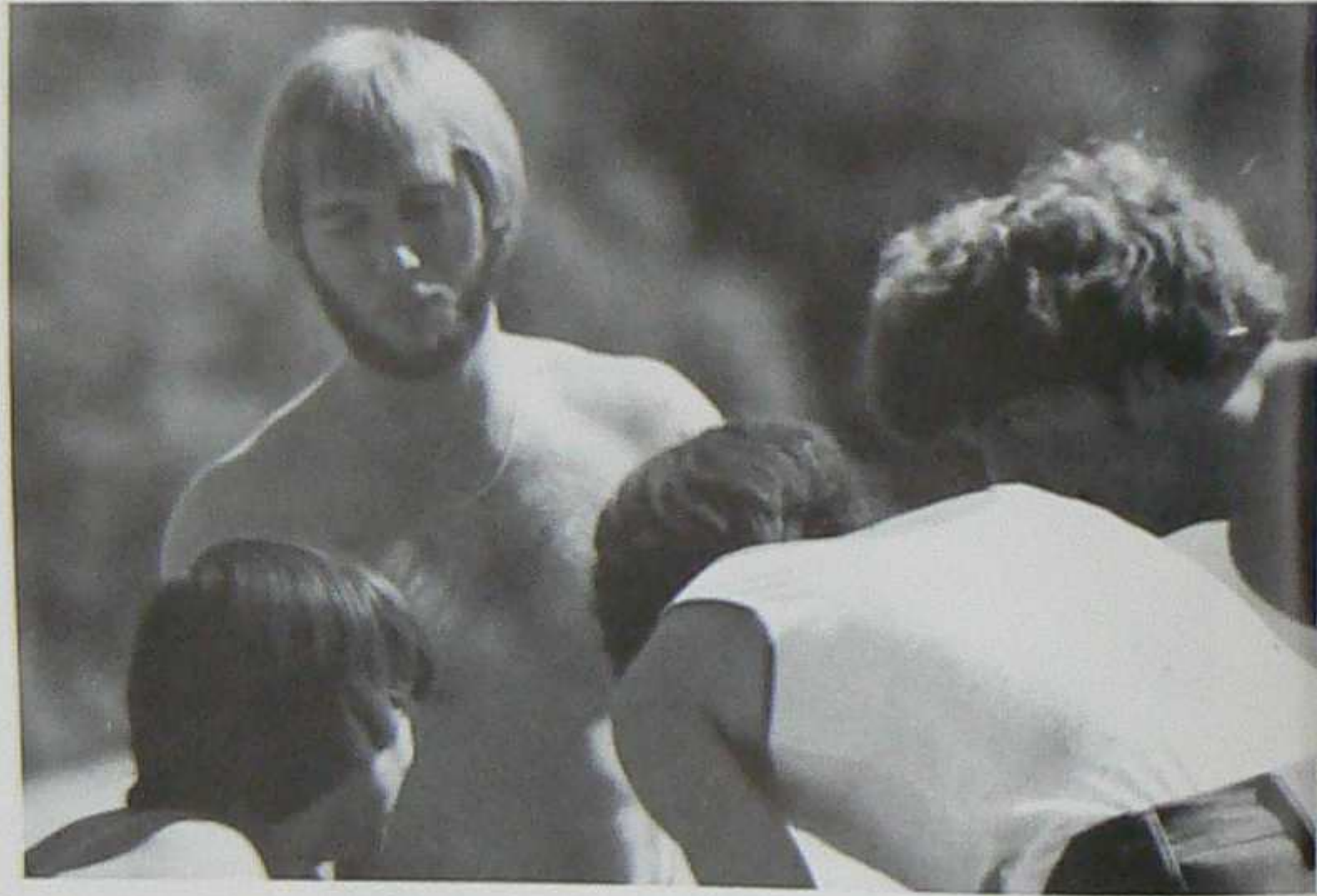
Back: Alan Duvall, Lynn Nergard, Alan Kerr, Jesse Chisholm, Laura Dillan. Mid.: Rick Weesenerg, Bill Cameron, David Mosche, Dr. Gross. Front: Neil Kuellmer, Mike Farmer, Dave Gullinger



SPORTS



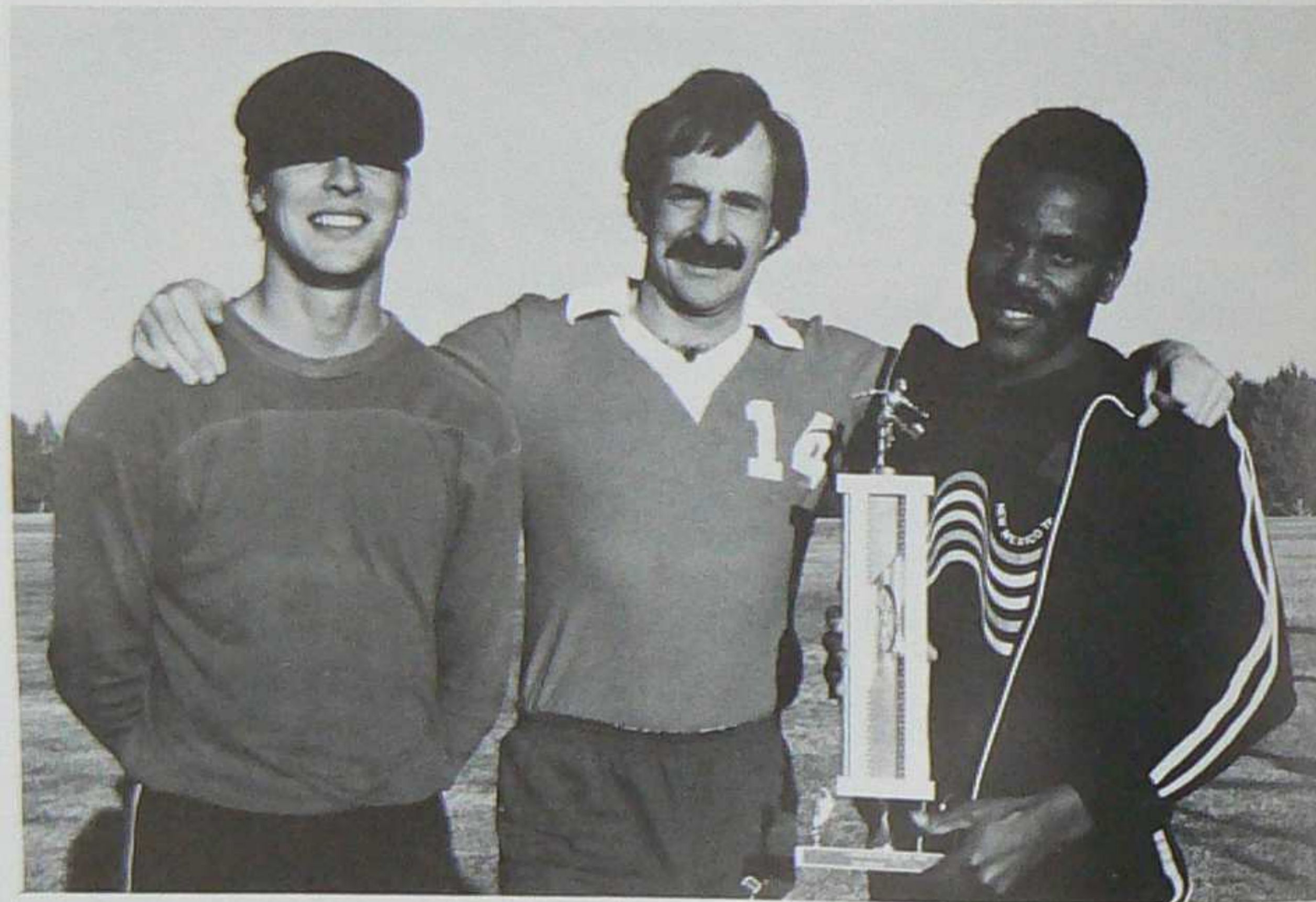
FOOTBALL



RUGBY



SOCCER

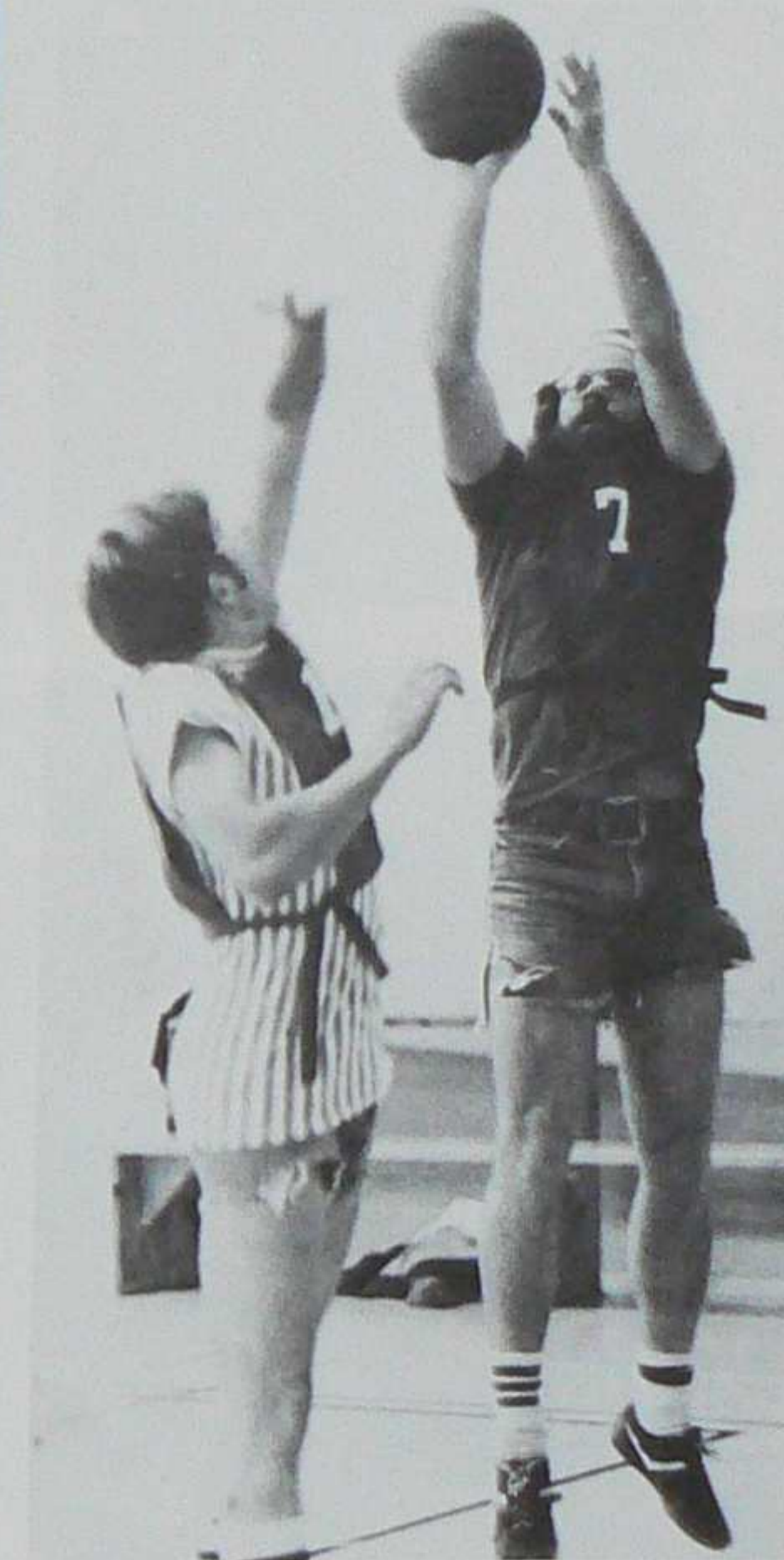


**SOFTBALL
MUSHBALL**

FAST PITCH SOFTBALL — After the '81 season the Staff team beat O'Leverets 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.S. Allstars barely beat the Hole by a score of 11 to 10 for first place.



BASKETBALL

1981 Basketball Results

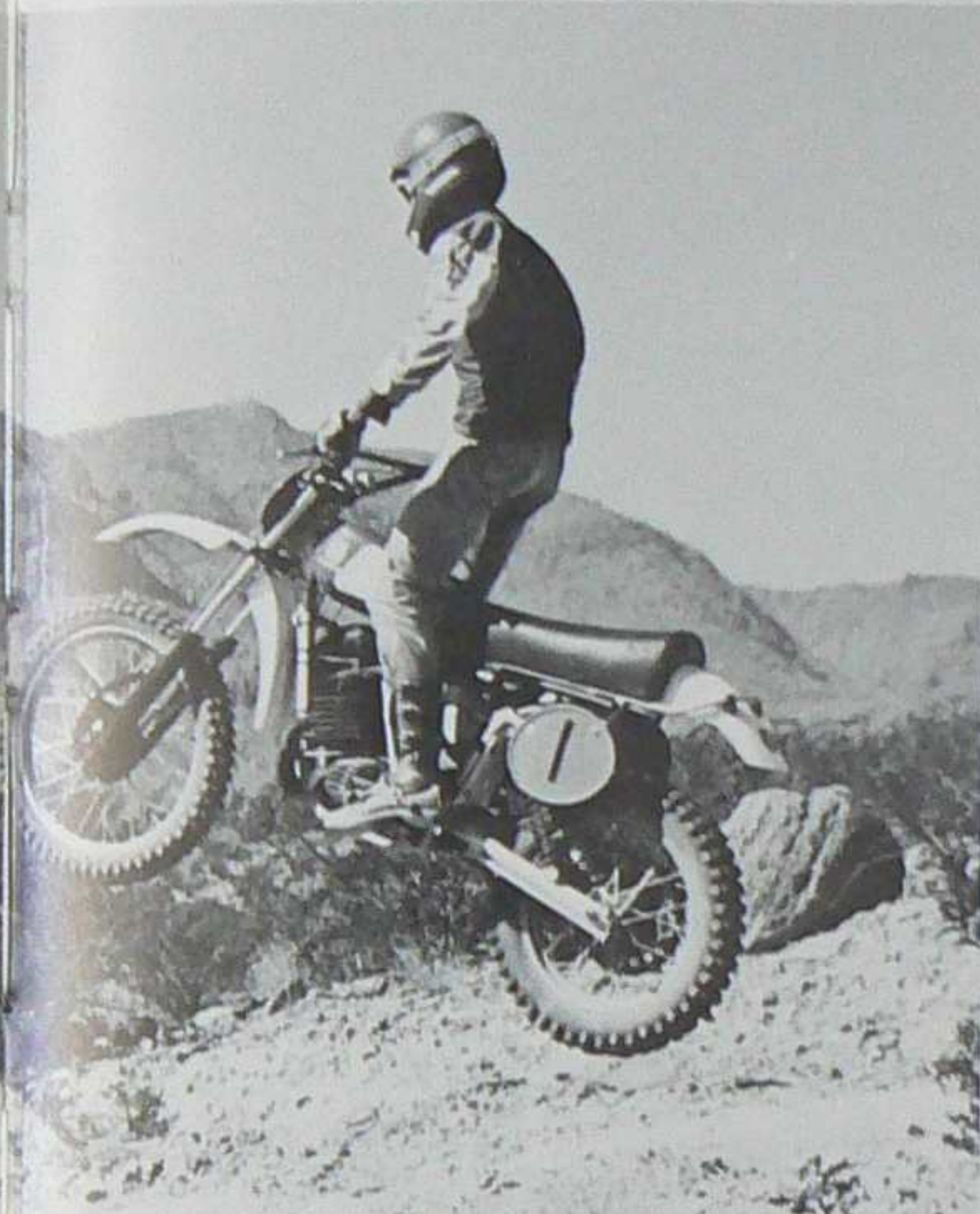
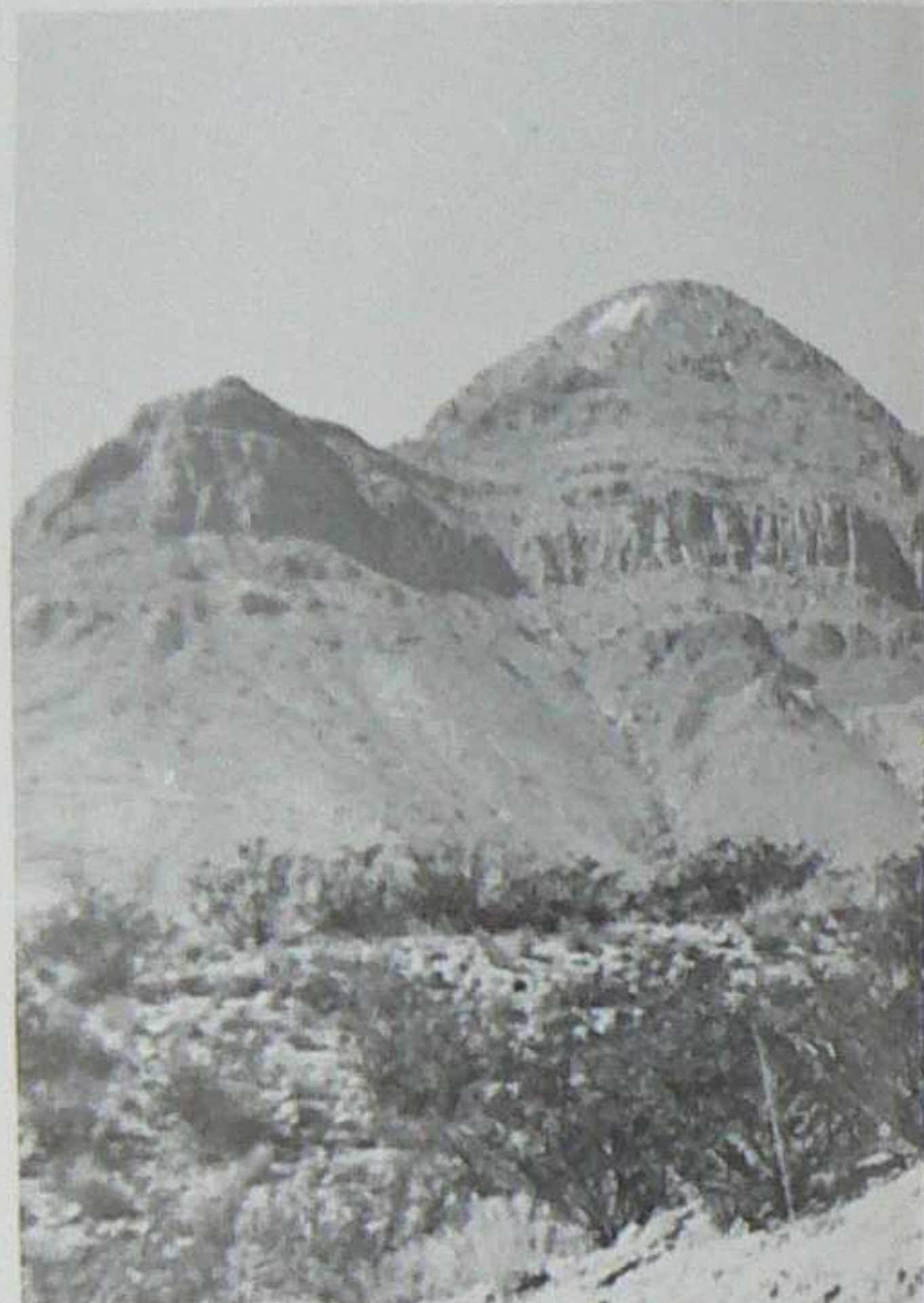
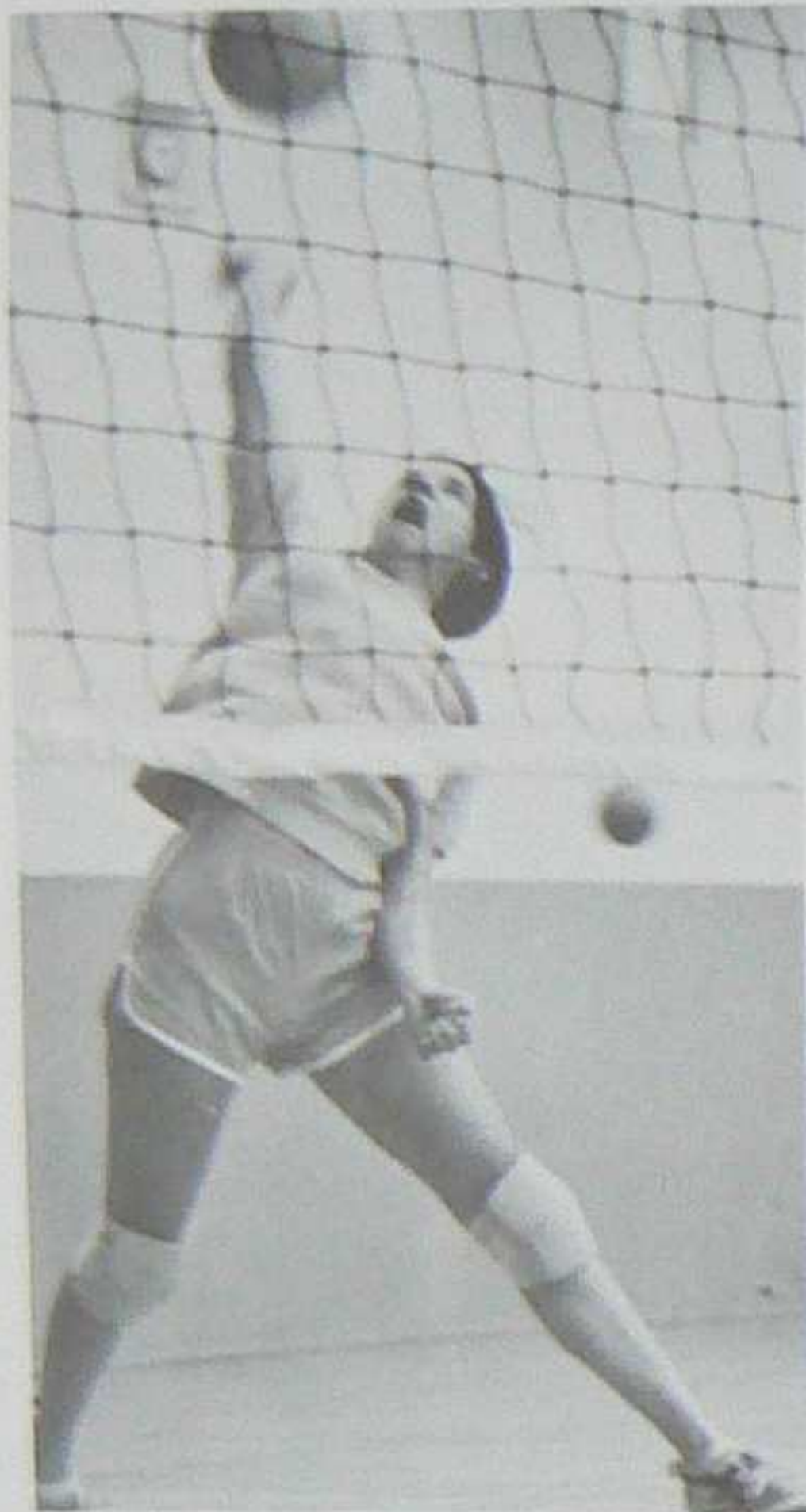
A champs of B squad
Lucky Pierre

B champs of B squad
Horizontal Horsemen

A champs of A squad
Who

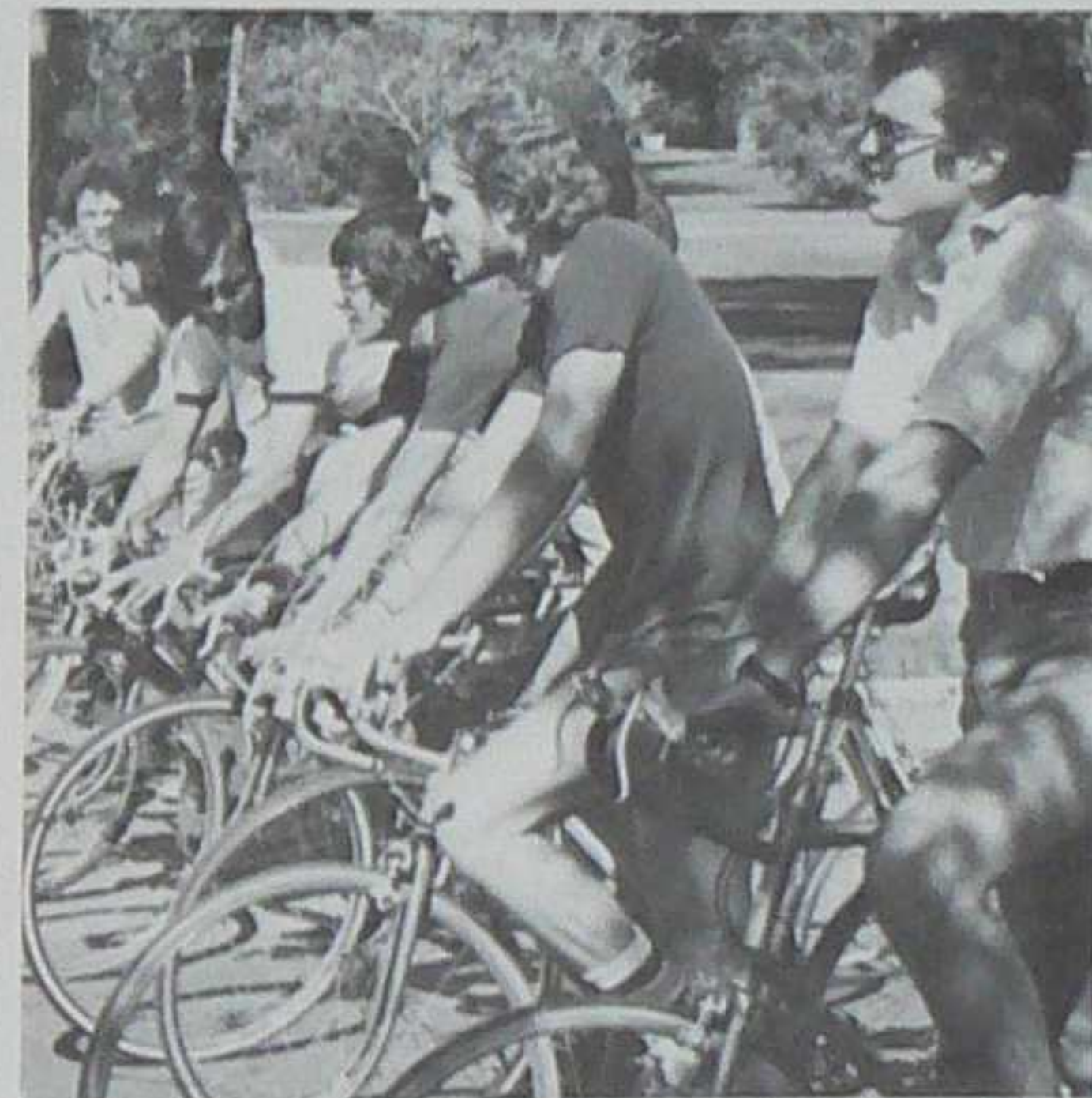


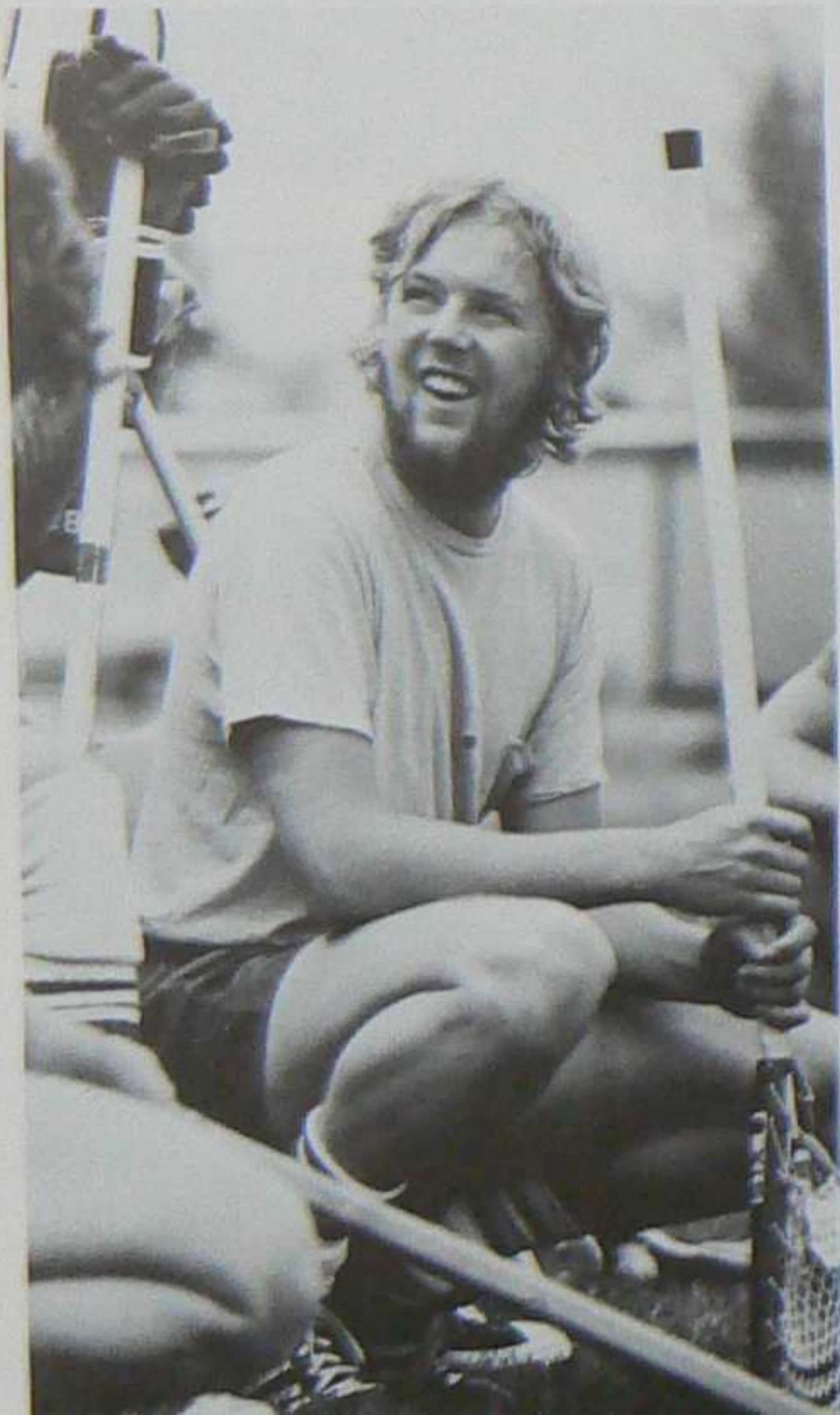
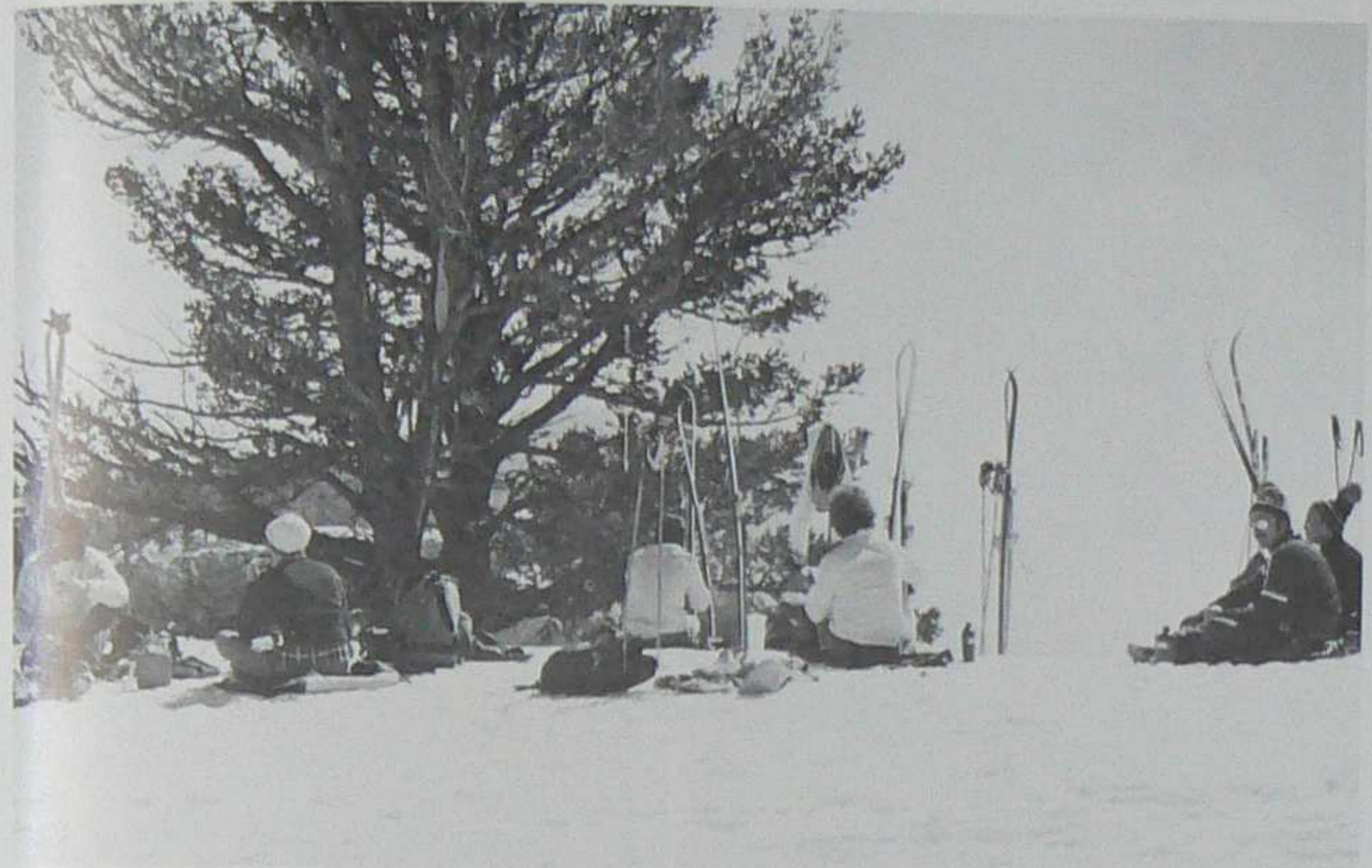
And Much
More ...



The Lacrosse team, after their first year on Campus, had a very consistant 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.



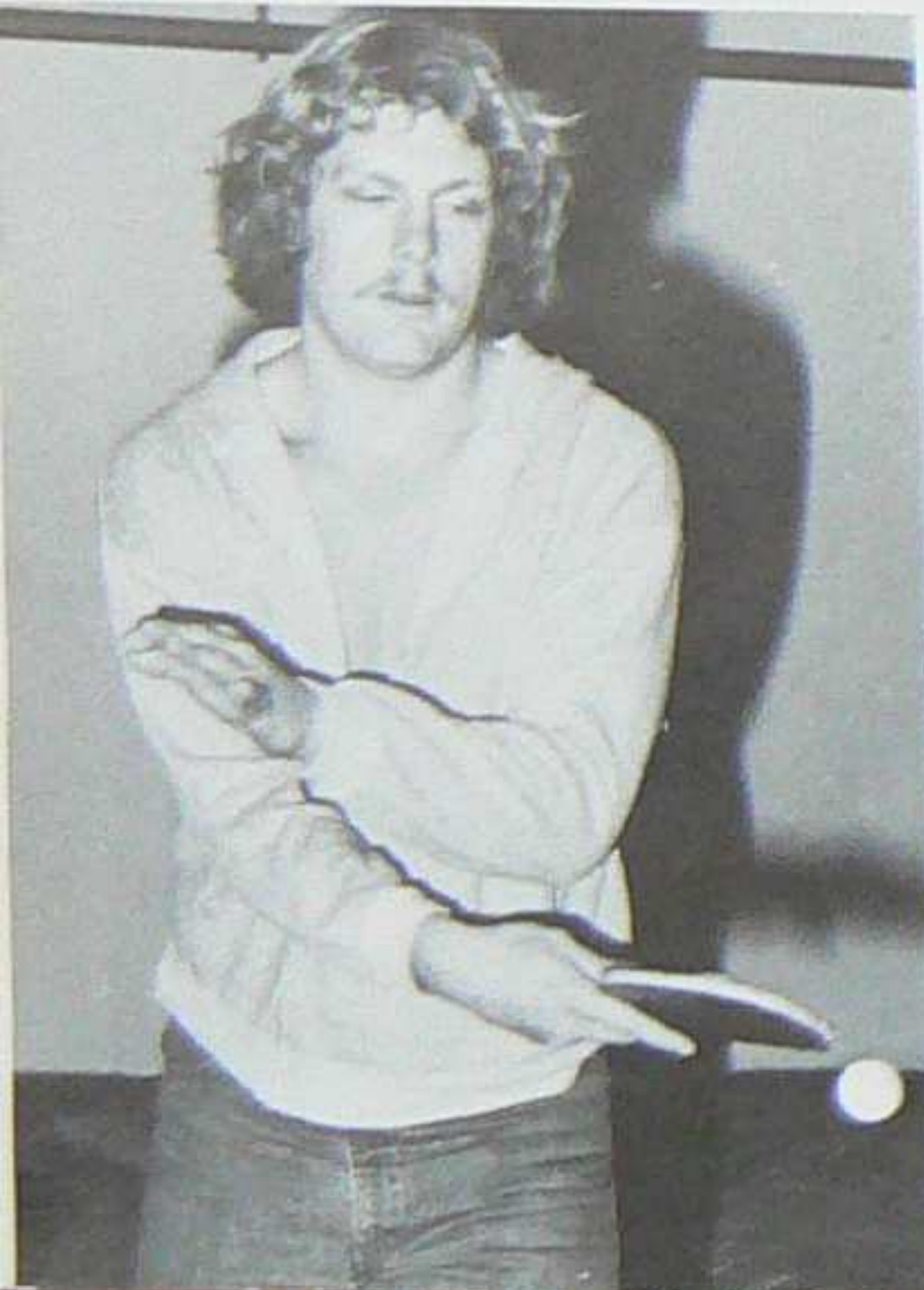


The 1981 cutthroat Racketball championships was won by Frank Etscorn.

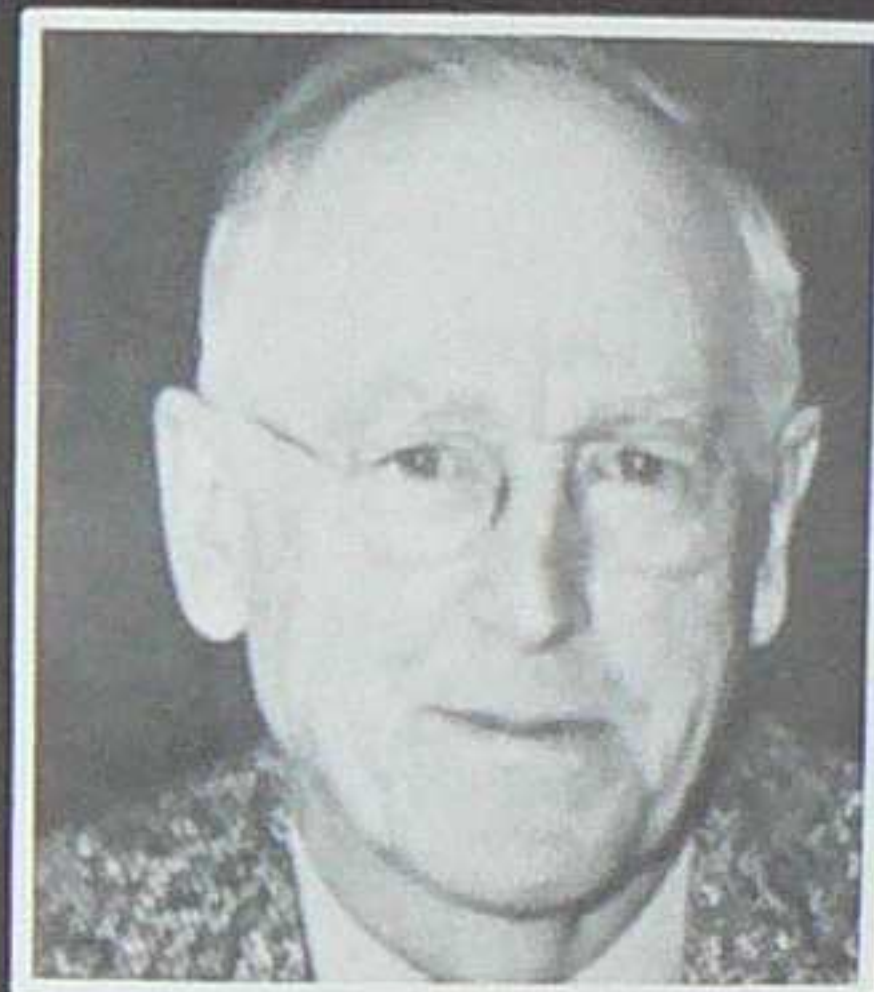
2

And the Staff/Faculty racketball game was won by Dave Duggan.





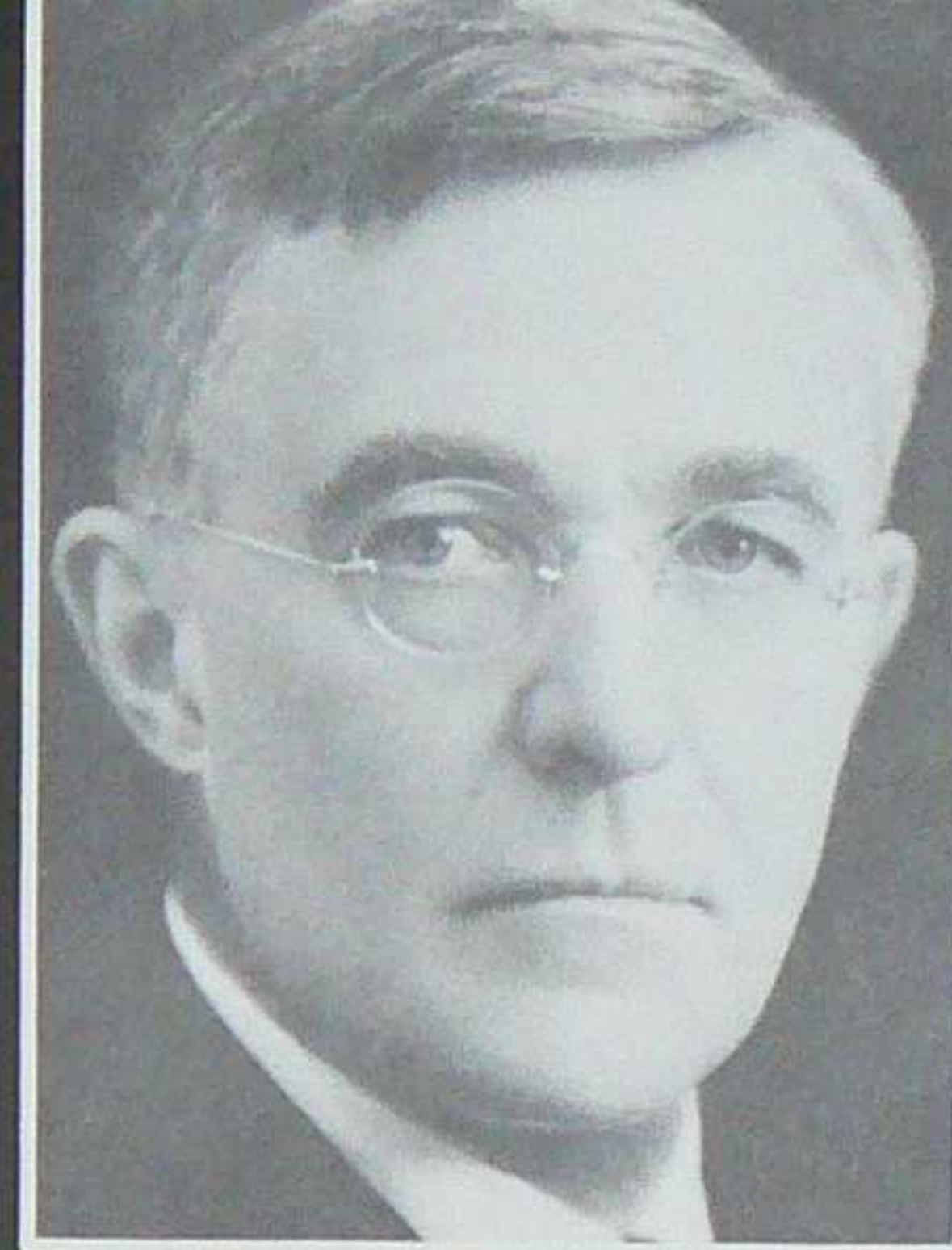
Thomas Cramer
Regent 26 years
(Cramer Award)
Awarded to a graduate in engineering who ranks highest in scholarship.



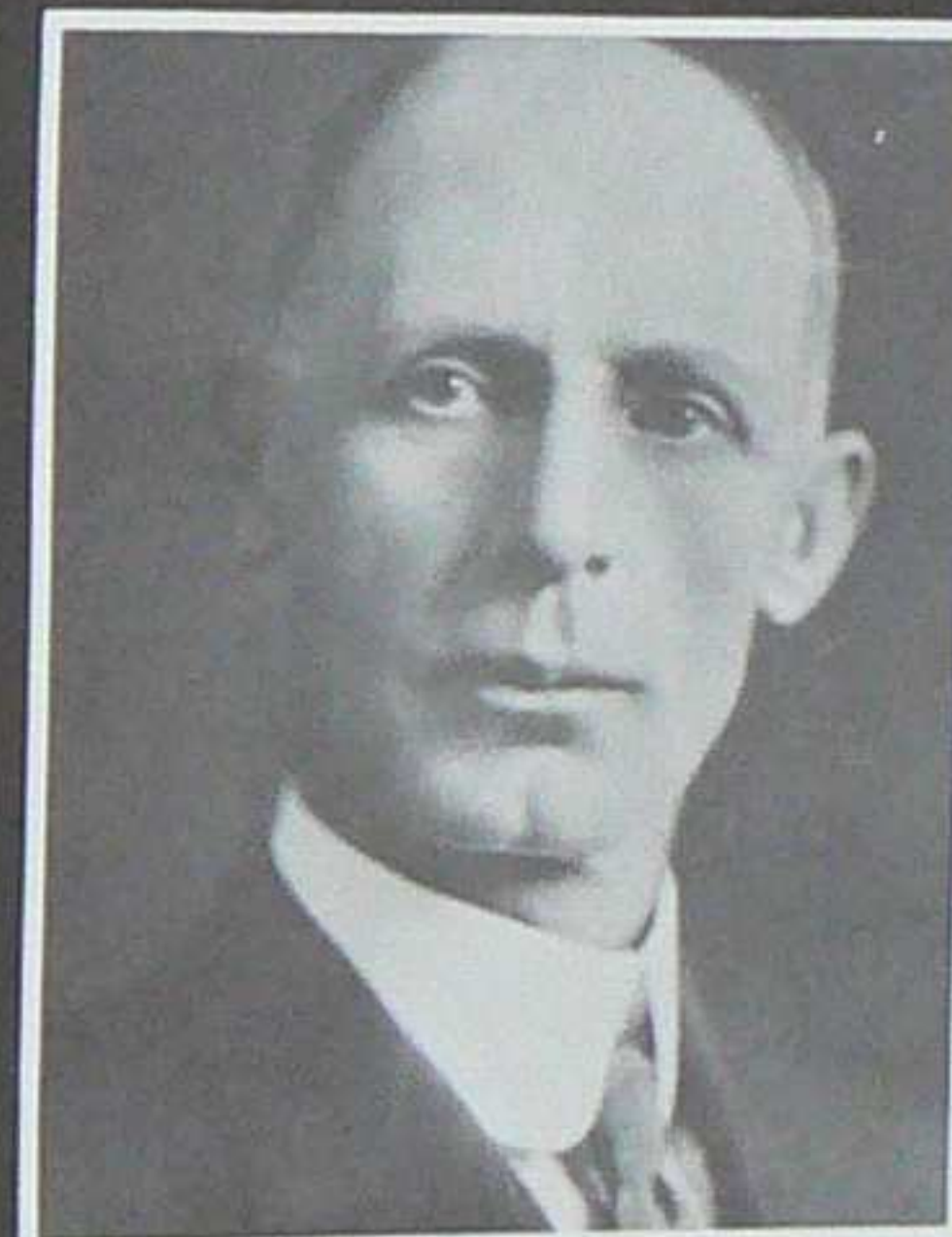
Morris Stubbs—
Professor of chemistry:
1946-1963
(Award for Excellence
in Chemistry)
Awarded to a graduate in Chemistry who ranks highest in scholarship.



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



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.



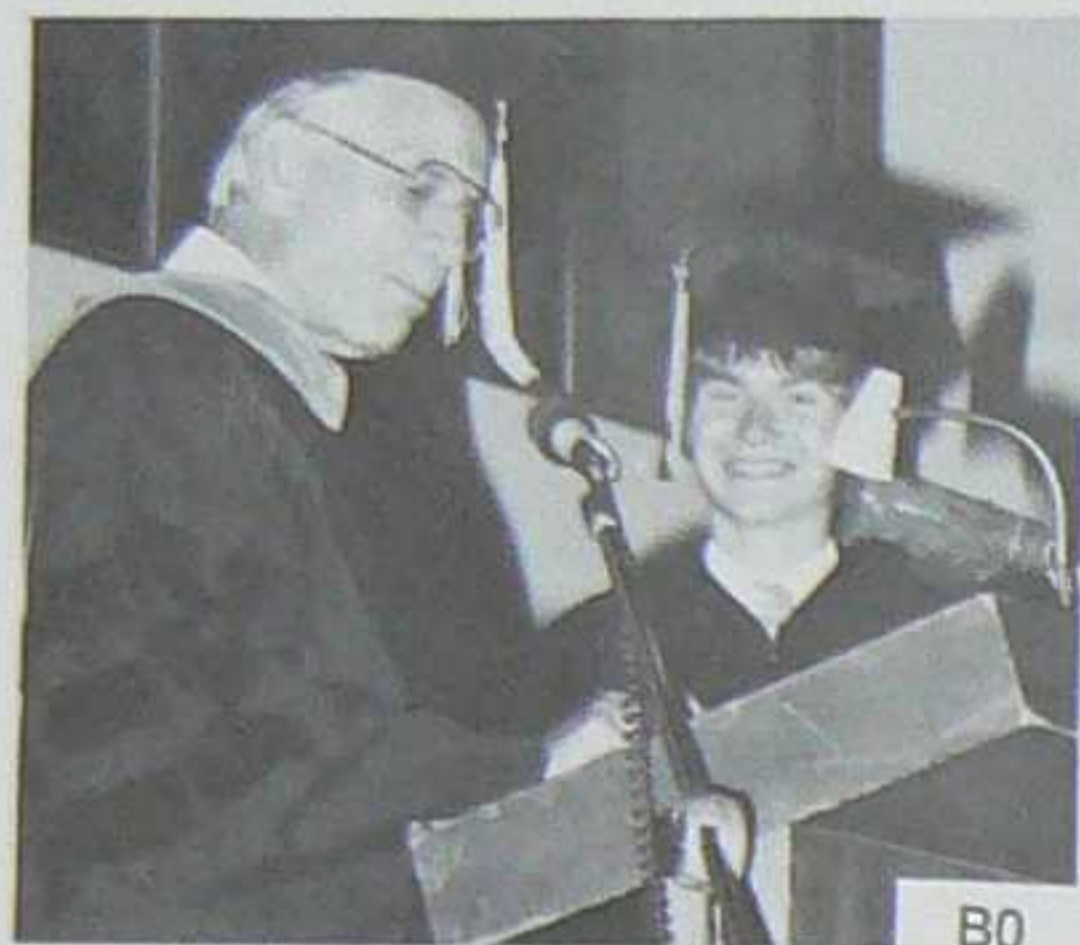
C.T. Brown— Regent: 1899-1913
1917-1922
(Brown Medal)
Awarded to a graduate who, in the judgement of the faculty, ranks highest in scholarship, conduct, and leadership.



B9 L1



B8



B0



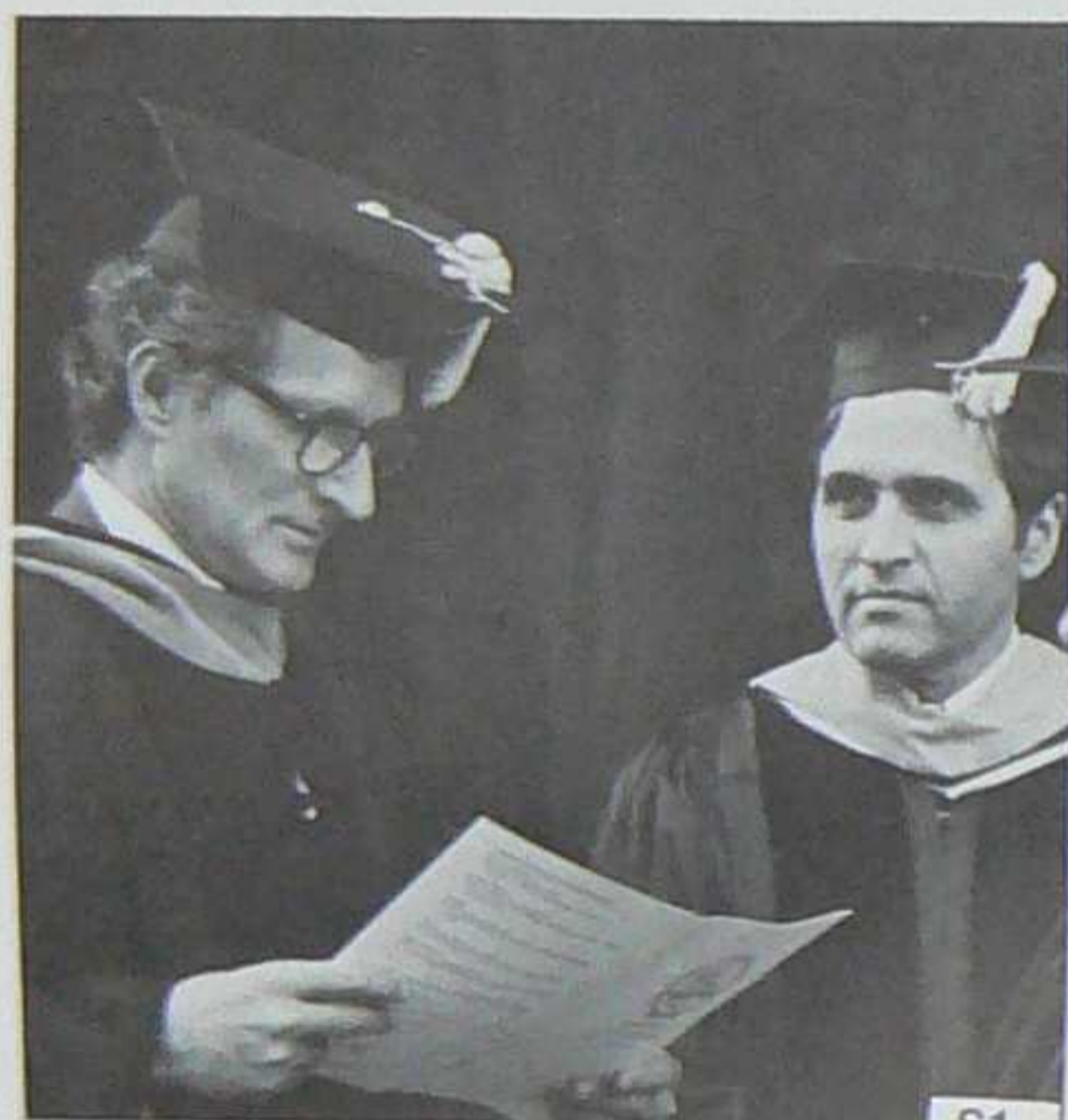
C0



S7



S0



S1



S9

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 (B0)
- 81— Ruth Ann Aerts (B1)



B1



S8



M1



C9



F8

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— Julie Treseder (N1)

Cramer Award

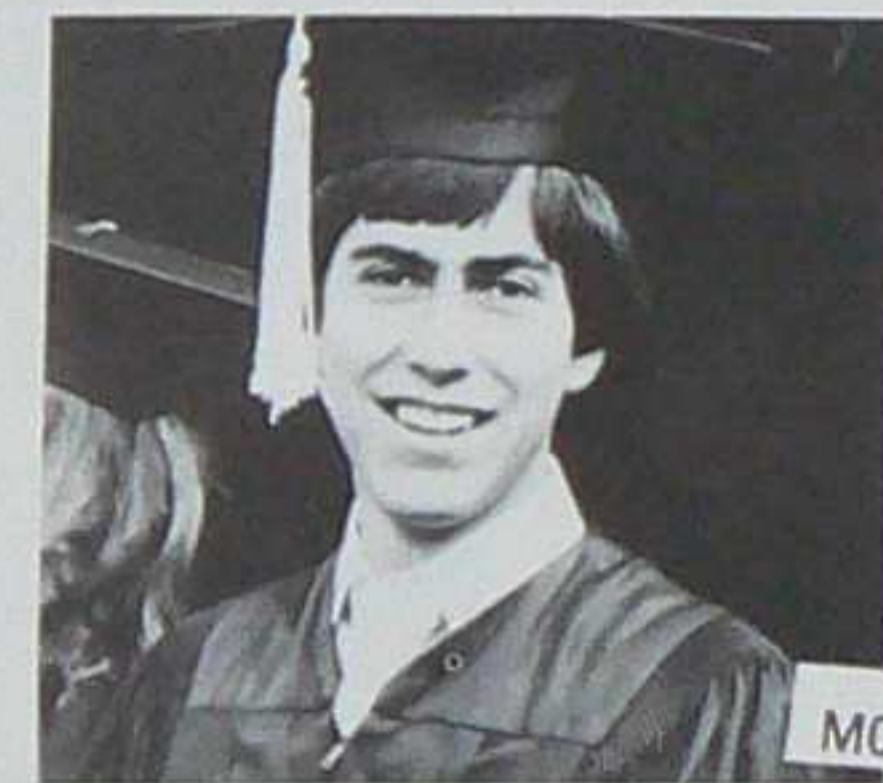
- 77— Mark D. Ivey
- 78— Reid A. Wistort (C8)
- 79— Kent P. Mizgalski (C9)
- 80— Jack L. Waldron (C0)
- 81— Robert Schwering



B7



F1



M0



N7



N1



Morris Stubbs Award for Excellence in Chemistry

- 78— Jose Lopez
- 79— Steve Lockwood (M9)
- 80— Jesse Rael (M0)
- 81— Kay Lynn Kuhlemeier (M1)



N8



O1

Old Timers Award

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



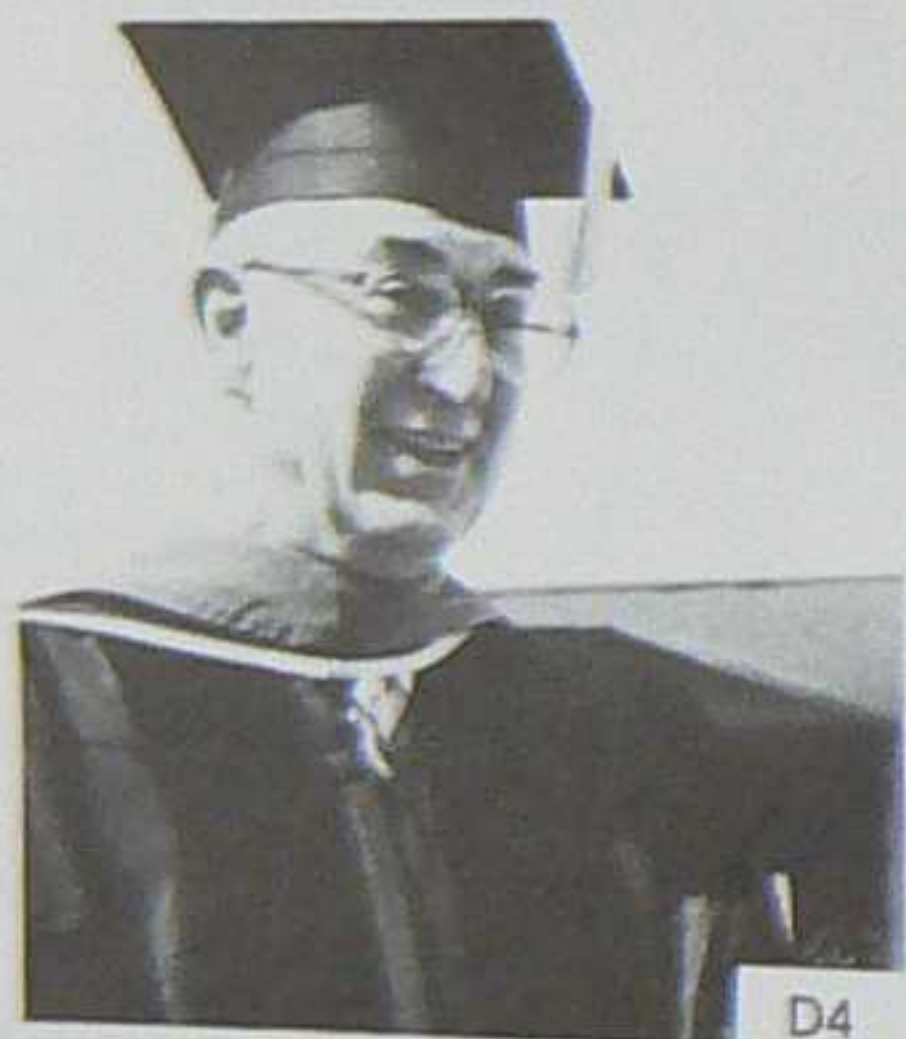
D5



O0

Howard Sylvester Award for Excellence in Humanities

- 80— Sheila Thompson (H0)
- 81— David A. Schoderbek



D4

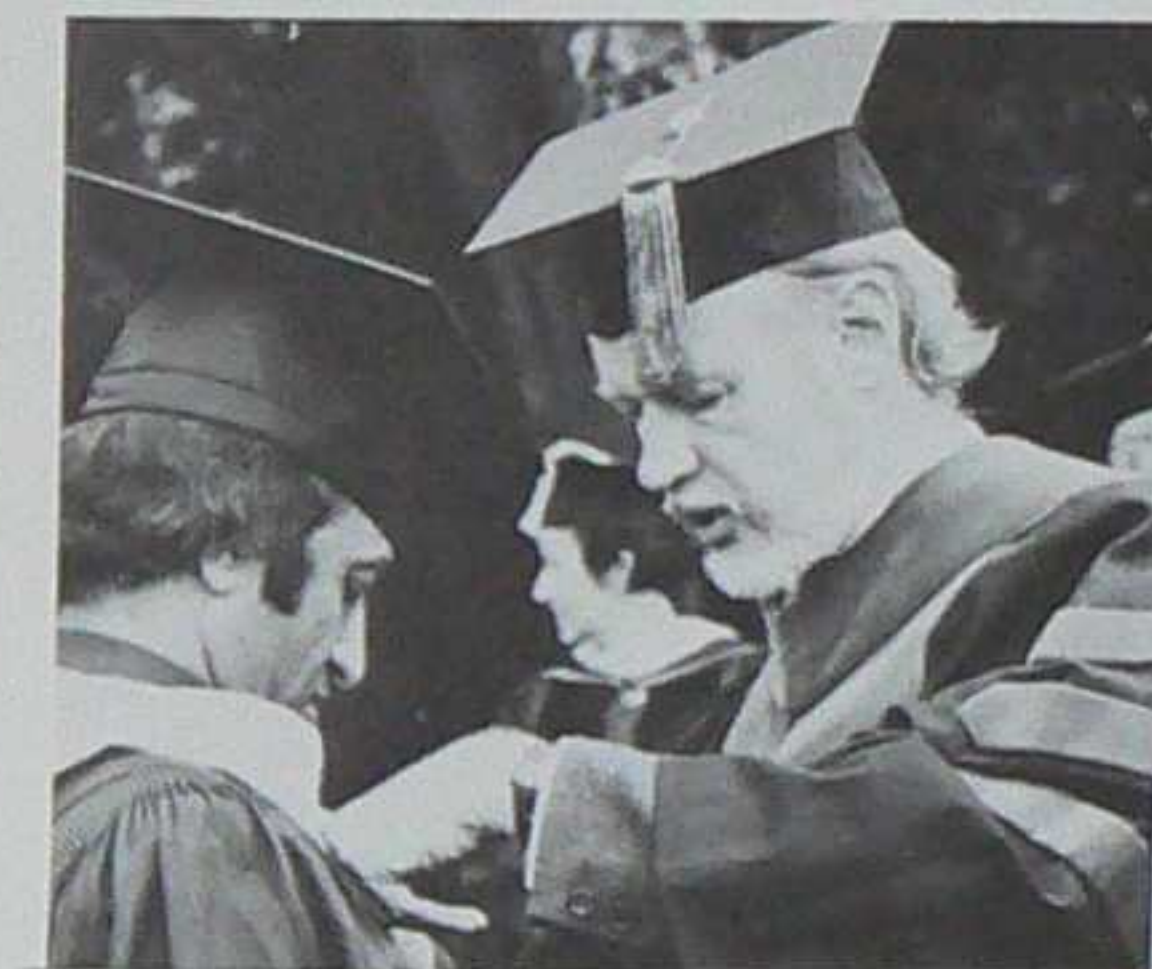
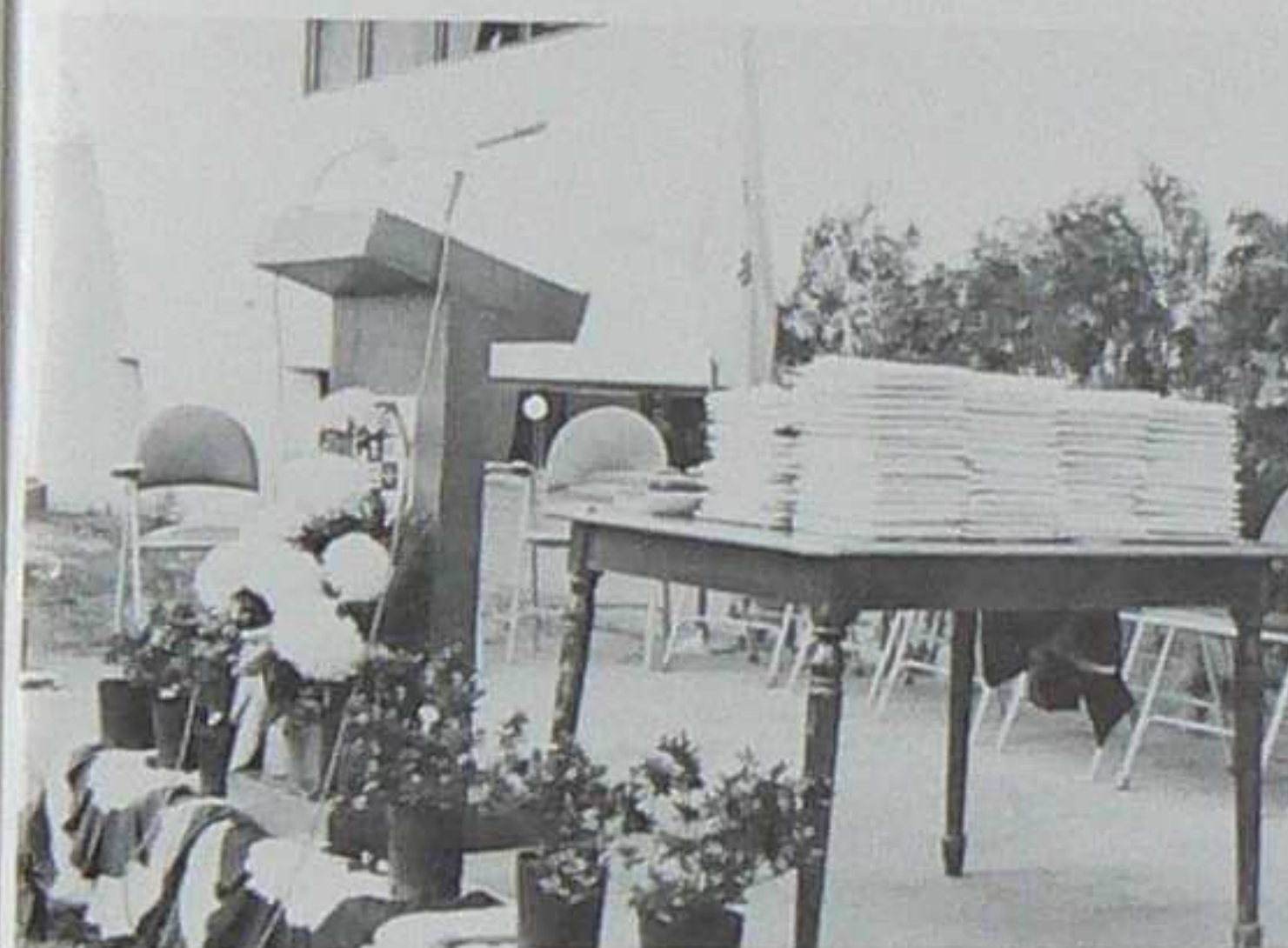


F9



D6

D7



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 Bursum, Jr. (D5)
- 80— R. E. Samples (D4)

Paige Ashman Memorial Award in Metallurgy

- 81— Ned Pendelton



N0



M9



H0



C8

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 Keneth 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 vexed 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 hallmarks 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 undying 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 Paguete, 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 a 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 Goransen

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 at the UNM Optics Sciences 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

I N M E M O R I U M

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.

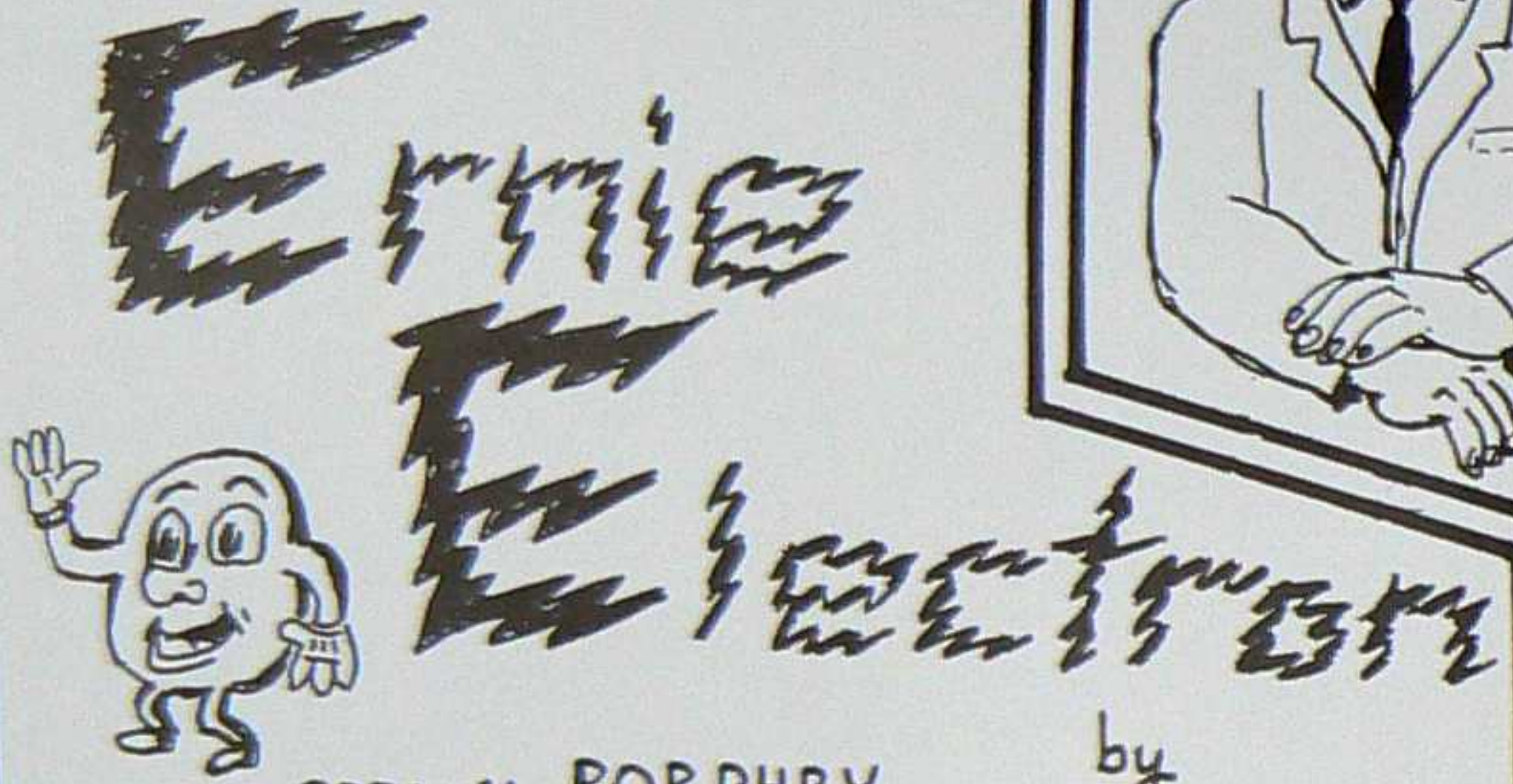
Ike was majoring in mining engineering. Prior to his enrollment at Tech, he was a foreman at the Jackpile Mine in Paquate, New Mexico. Anaconda was providing financial assistance to Ike to pursue an engineering degree.

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



SPECIAL PORPHYRY
EDITION

by

DT



THERE IS A FIFTH (5th) DIMENSION, BEYOND THAT WHICH IS KNOWN TO MAN OR ELECTRON. IT IS A DIMENSION AS VAST AS THE BONEYARD AND AS TIMELESS AS ETERNITY. IT IS THE MIDDLE GROUND BETWEEN LIGHT AND SHADOW, BETWEEN SCIENCE AND SUPERSTITION,

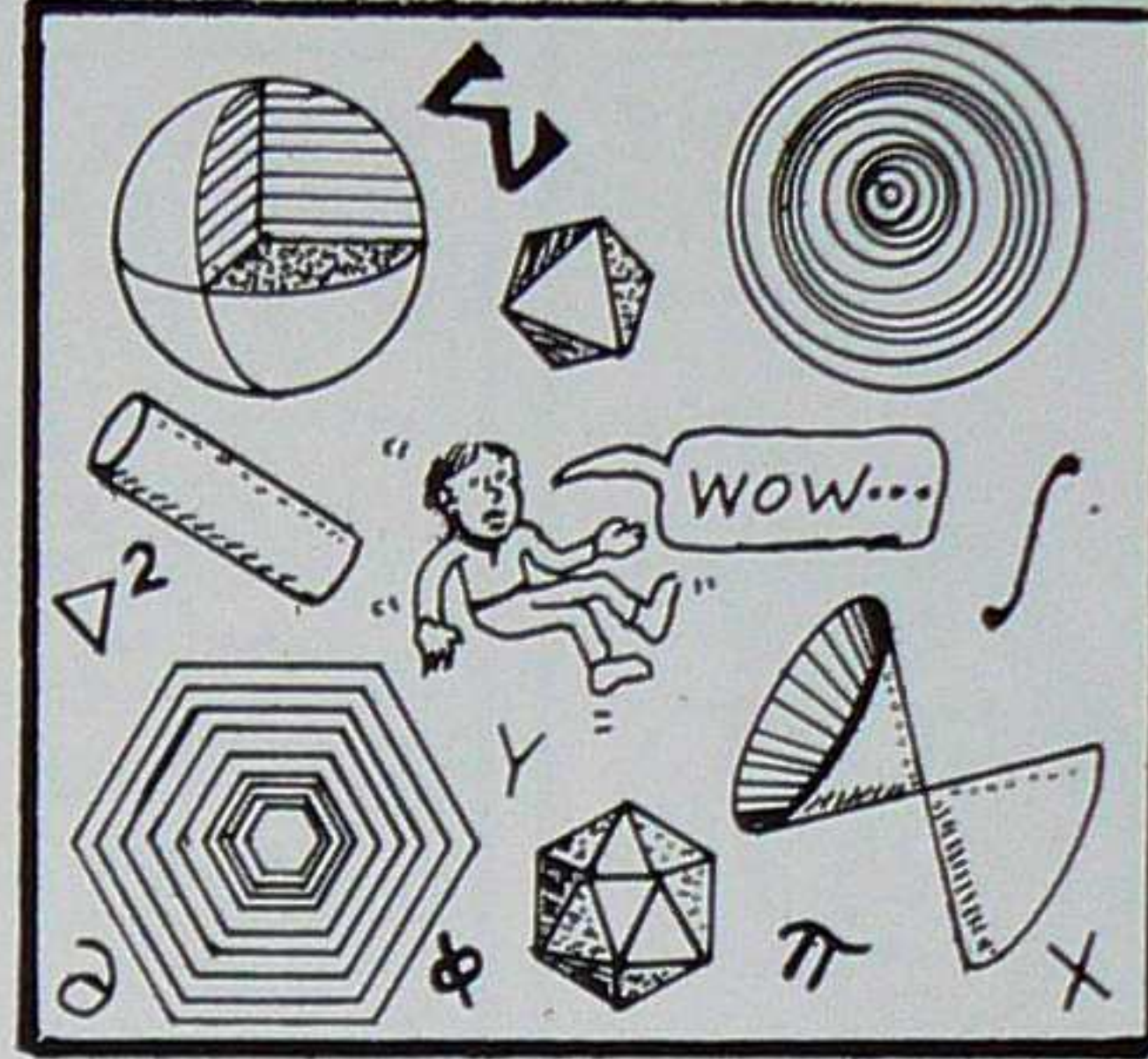
AND IT LIES BETWEEN THE PIT OF SAINT PATRICK AND THE SUMMIT OF "M" MOUNTAIN. IT IS AN AREA WHICH WE CALL...

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...



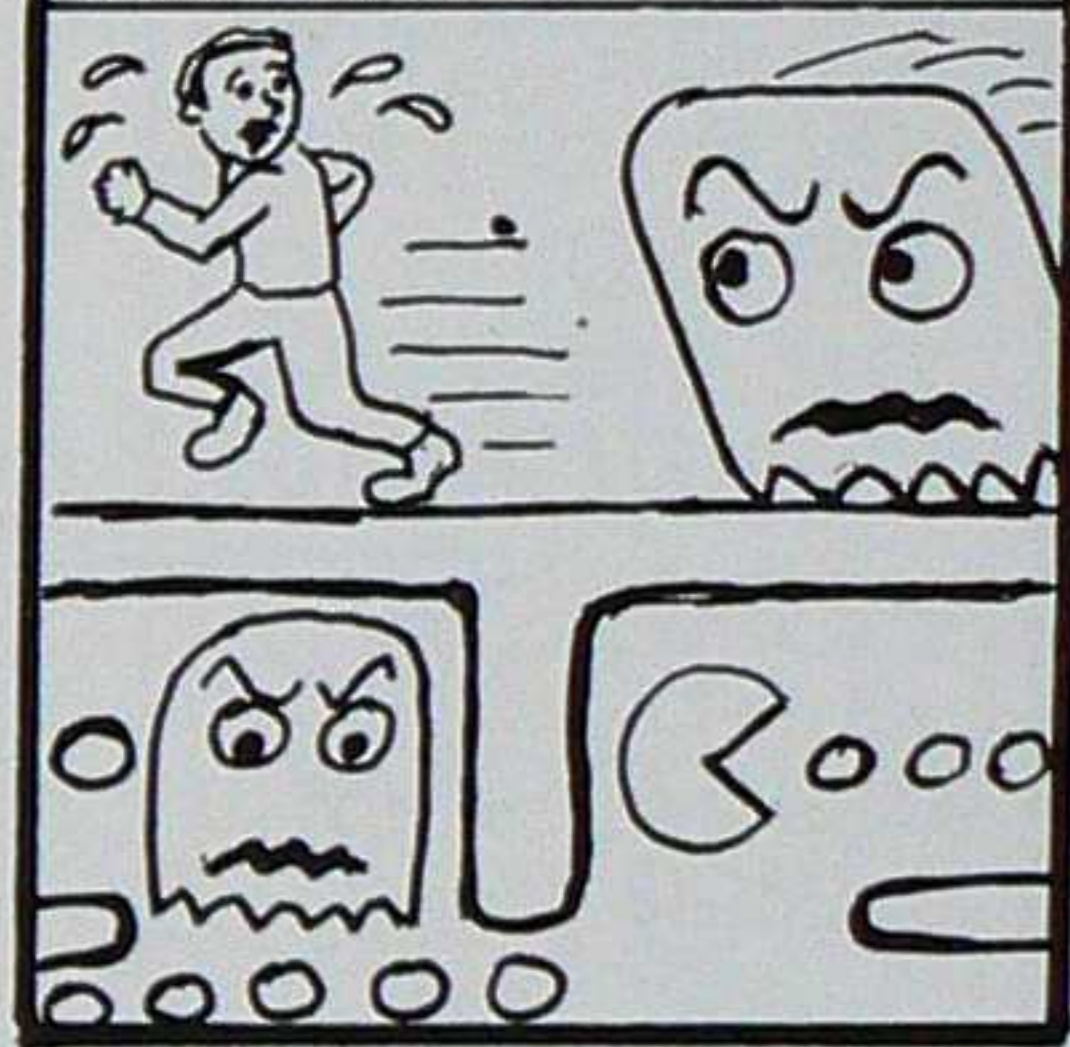
THE DAYDREAMING STUDENT IS SUDDENLY AWARE THAT HIS REALITY IS UNDERGOING A RADICAL CHANGE...



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



THE PLAYER FINDS HIMSELF IN REAL TROUBLE!



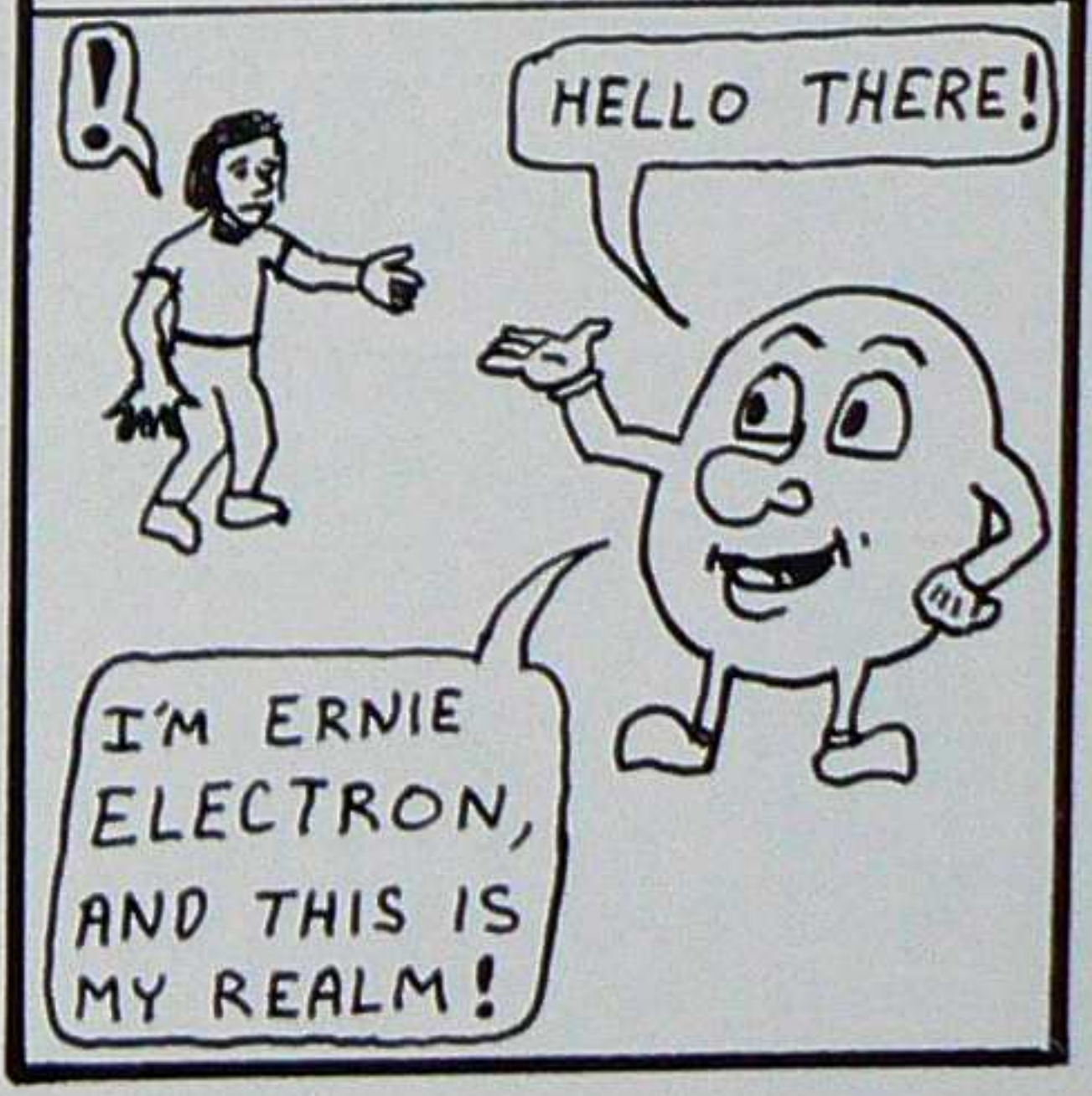
THE NEXT MEMBER OF THE CAST IS BUSY TETHERING A BALLOON AT LANGMUIR LAB...



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



AND SENDS HIM INTO THE REALM OF THE ELECTRON!





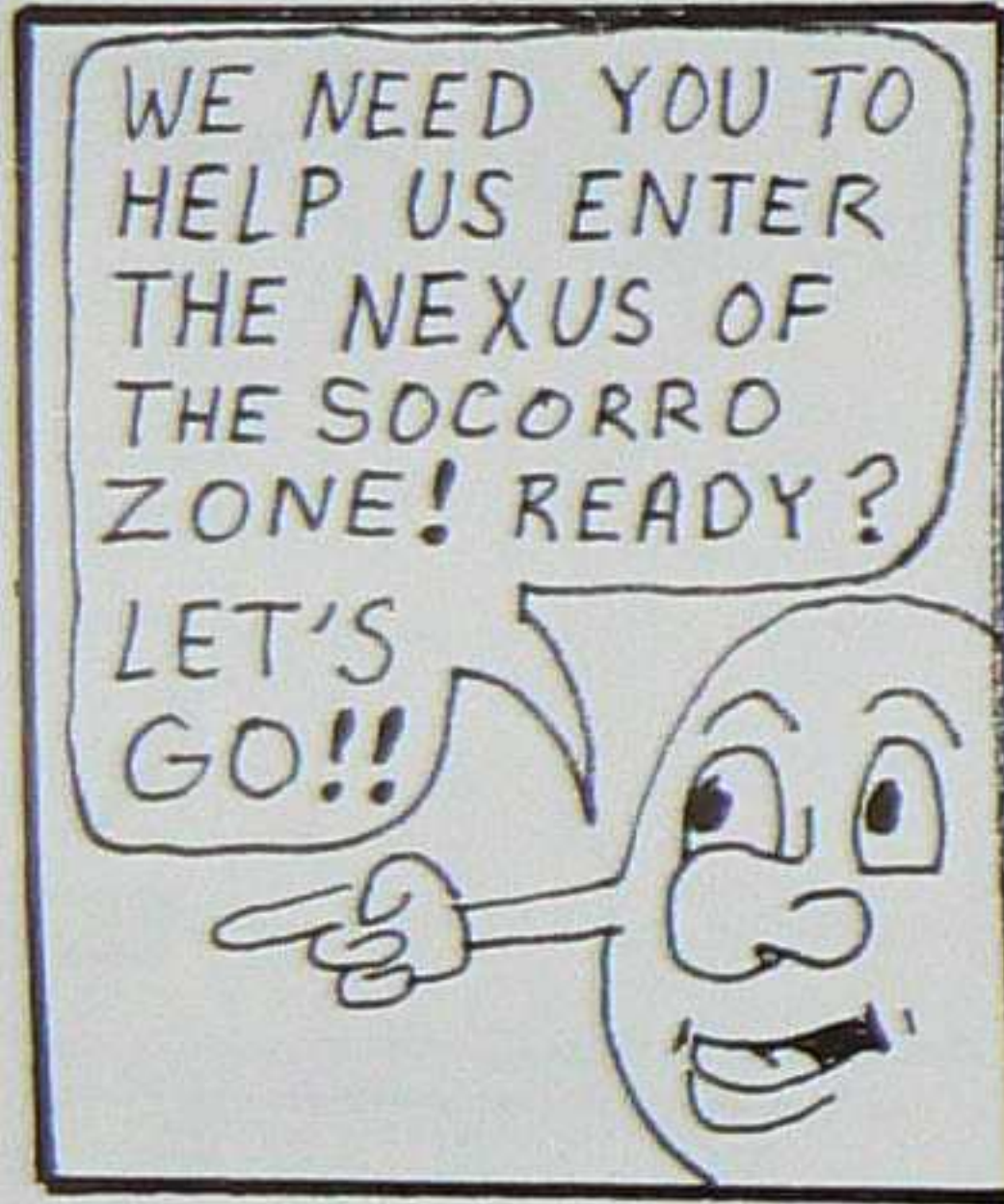
WHAT AM I DOING HERE?



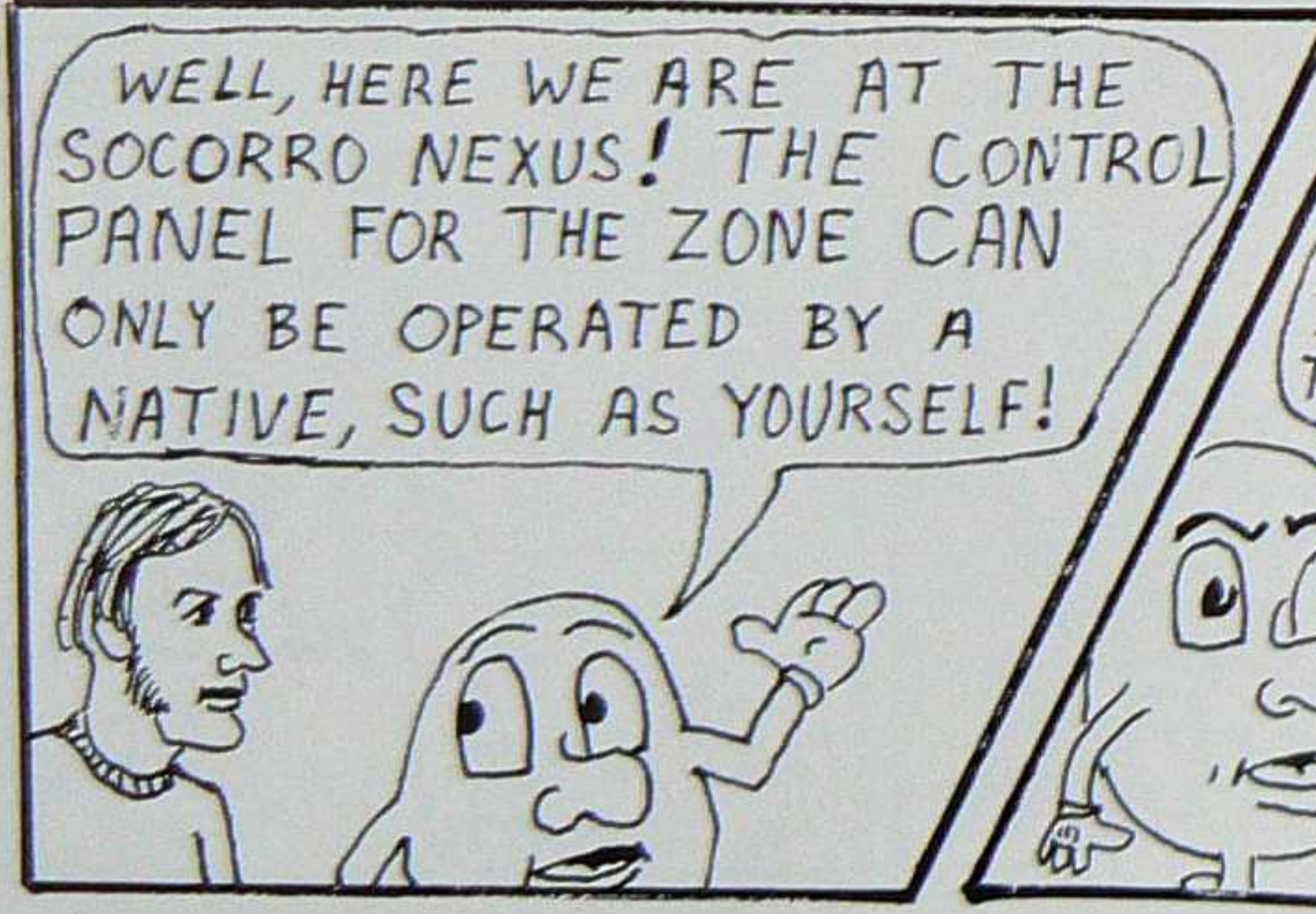
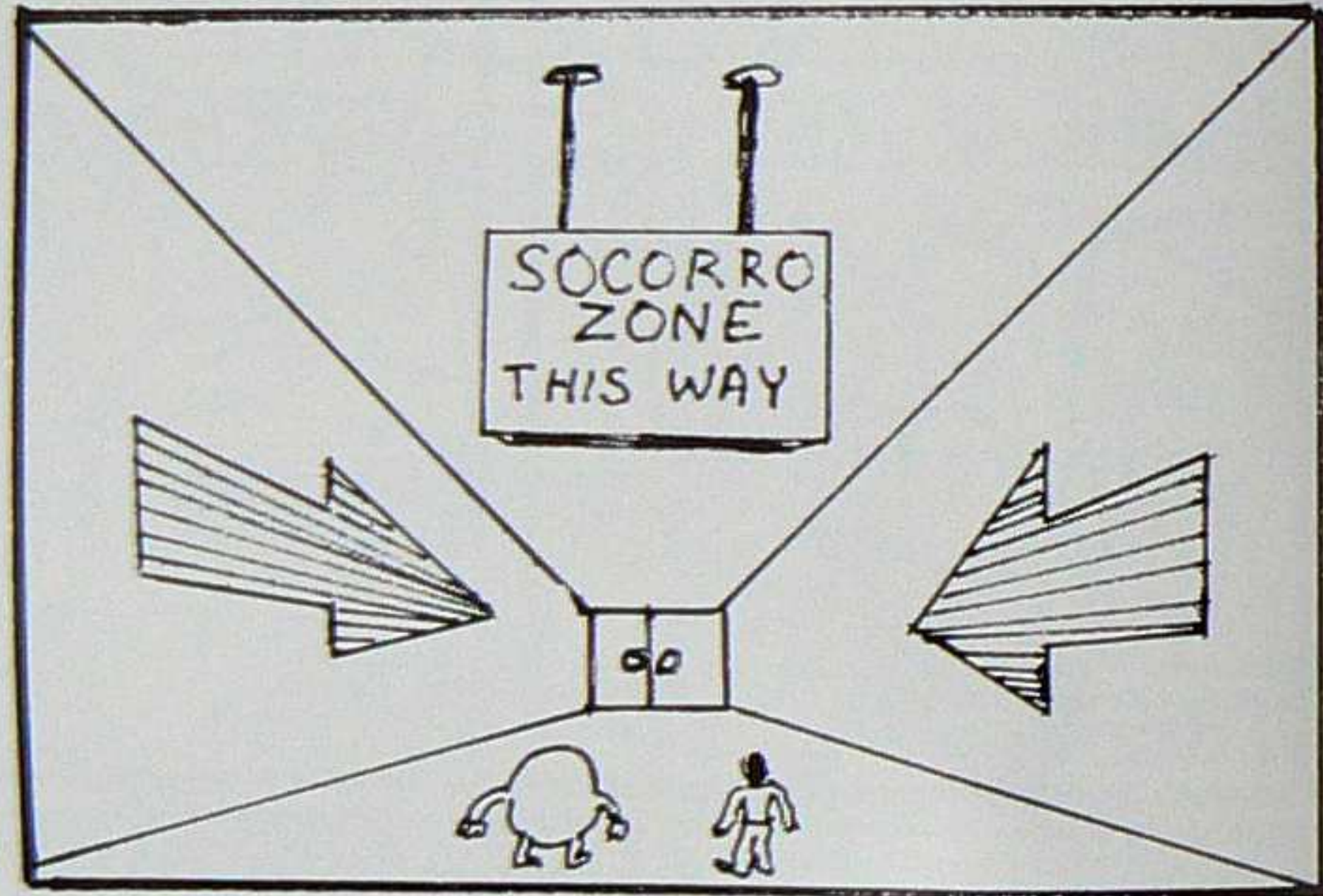
I SENT FOR YOU! WE NEED YOUR HELP!



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!!



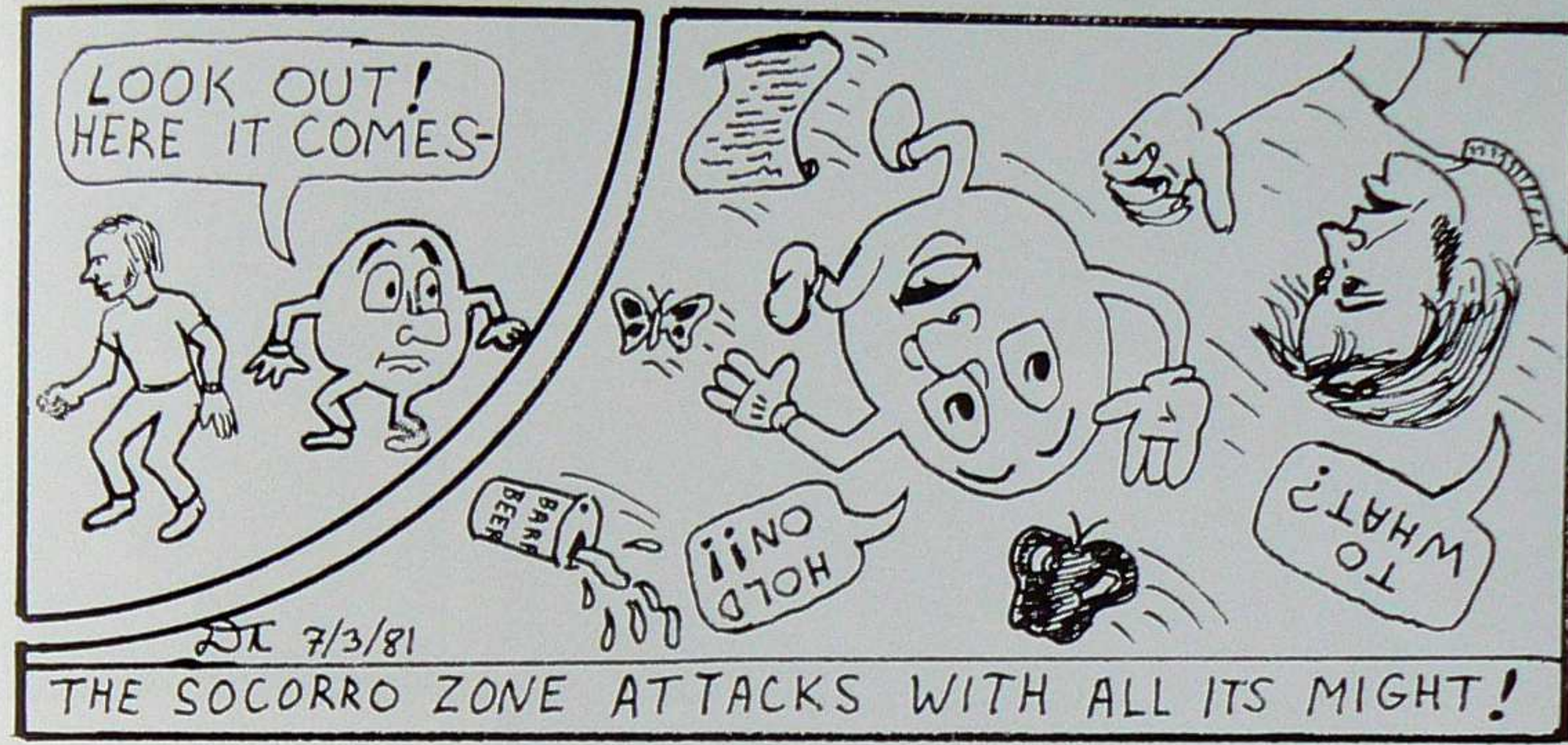
WE NEED YOU TO HELP US ENTER THE NEXUS OF THE SOCORRO ZONE! READY? LET'S GO!!



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!



THE SOCORRO ZONE ATTACKS WITH ALL ITS MIGHT!



QUICK! THE NEXUS CONTROL!



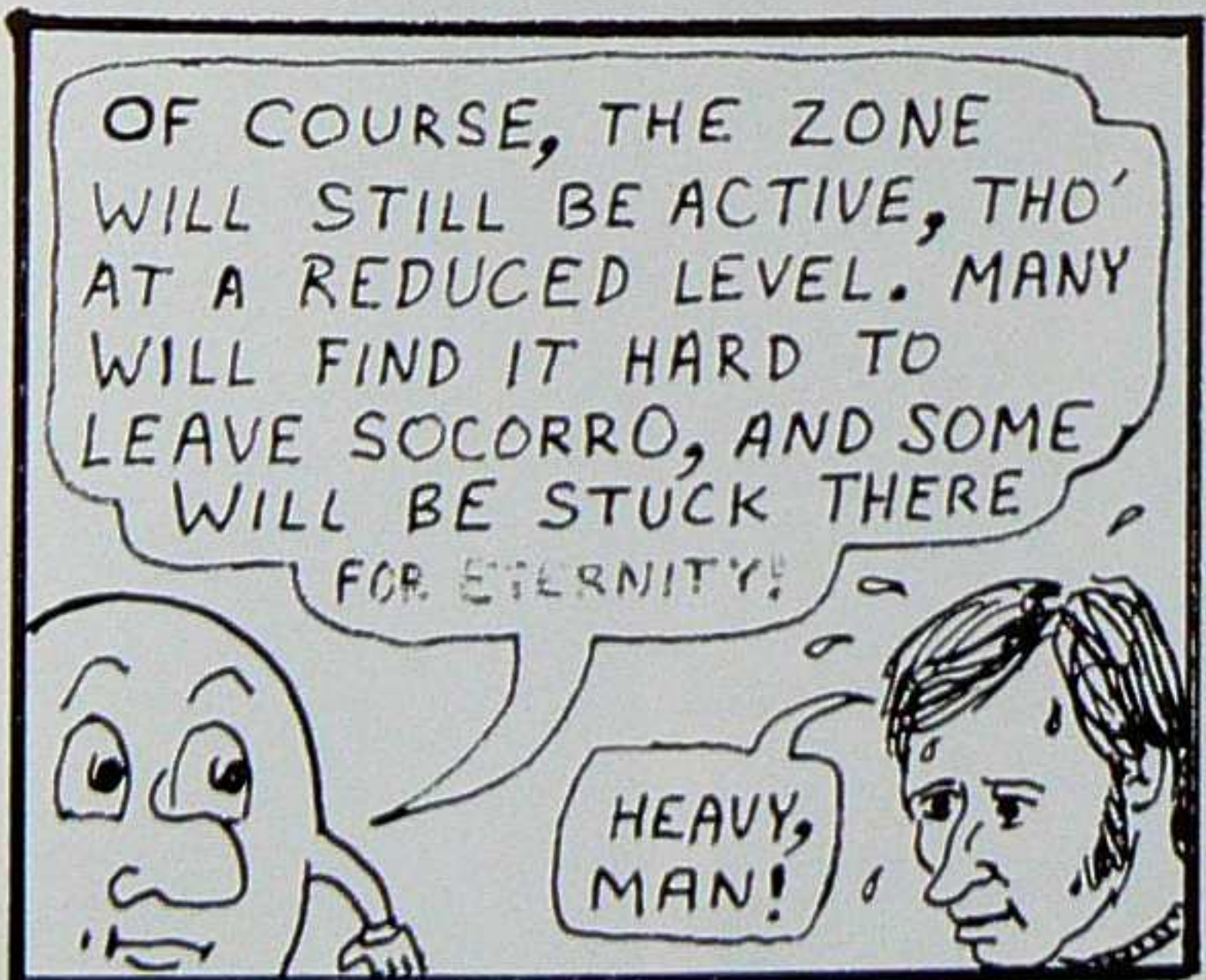
GOTTA KEEP GOING!

ALMOST THERE!



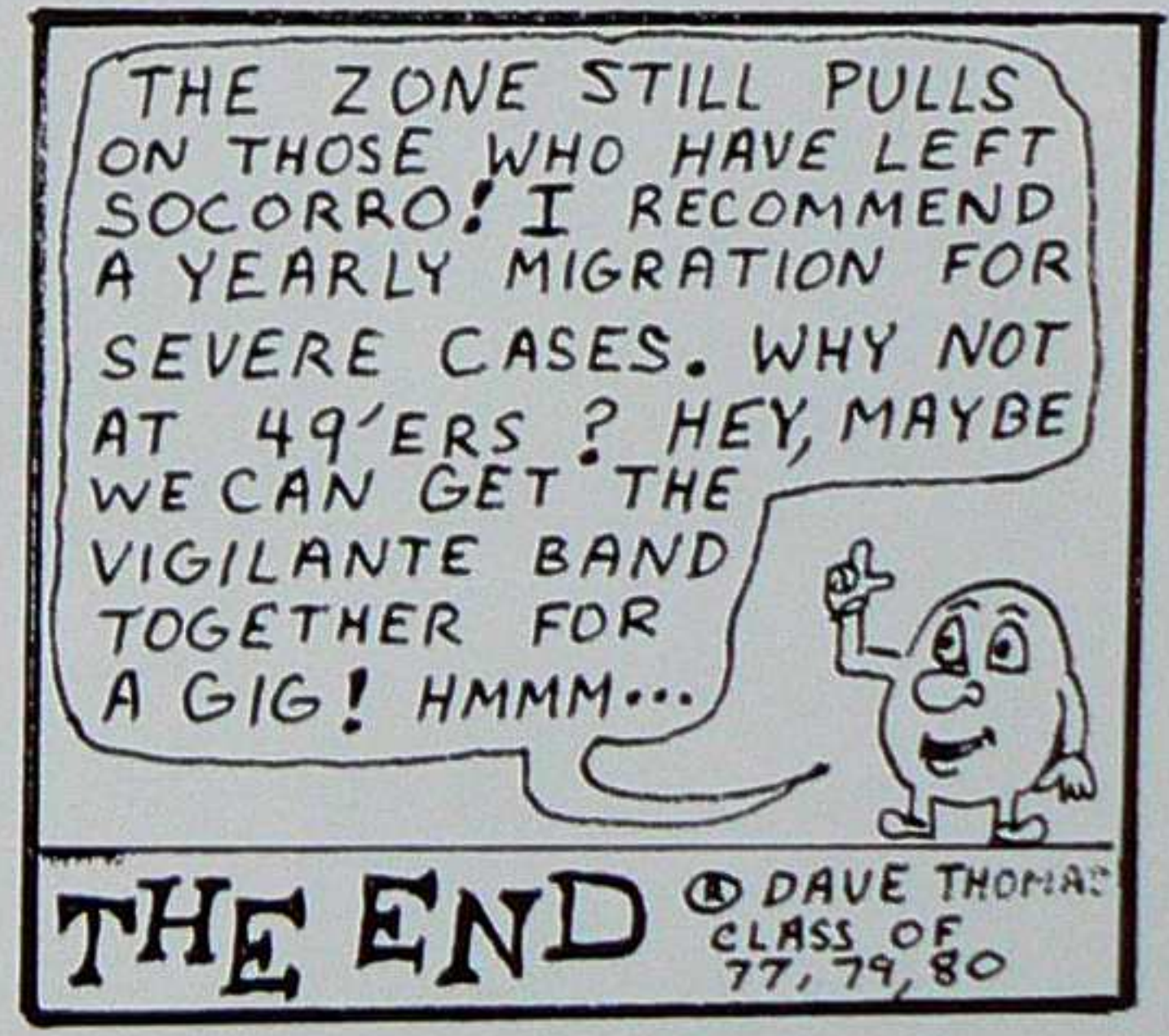
FINALLY.....

YOU DID IT! THE SOCORRO ZONE HAS BEEN CONTAINED!



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!

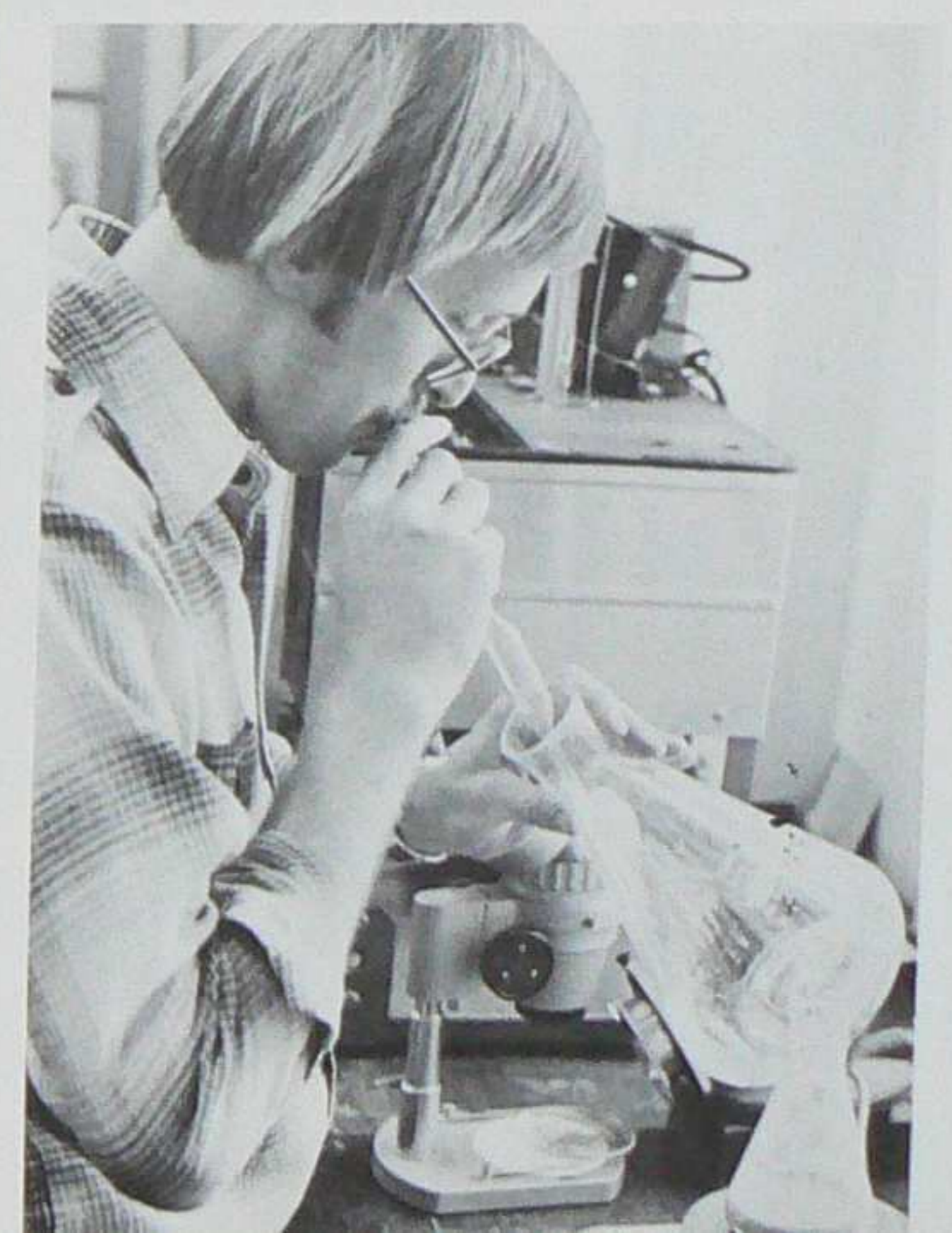
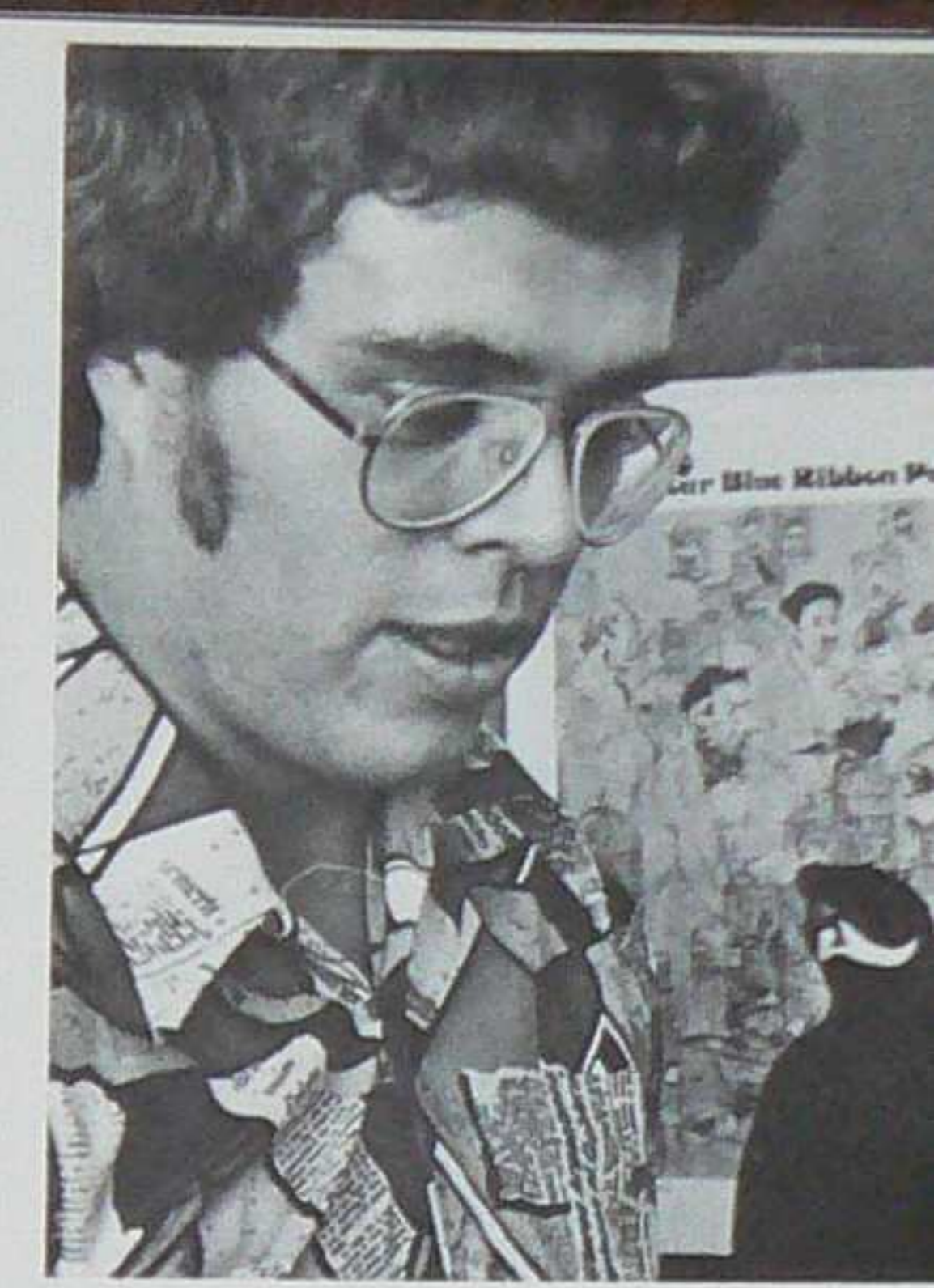
HEAVY, MAN!

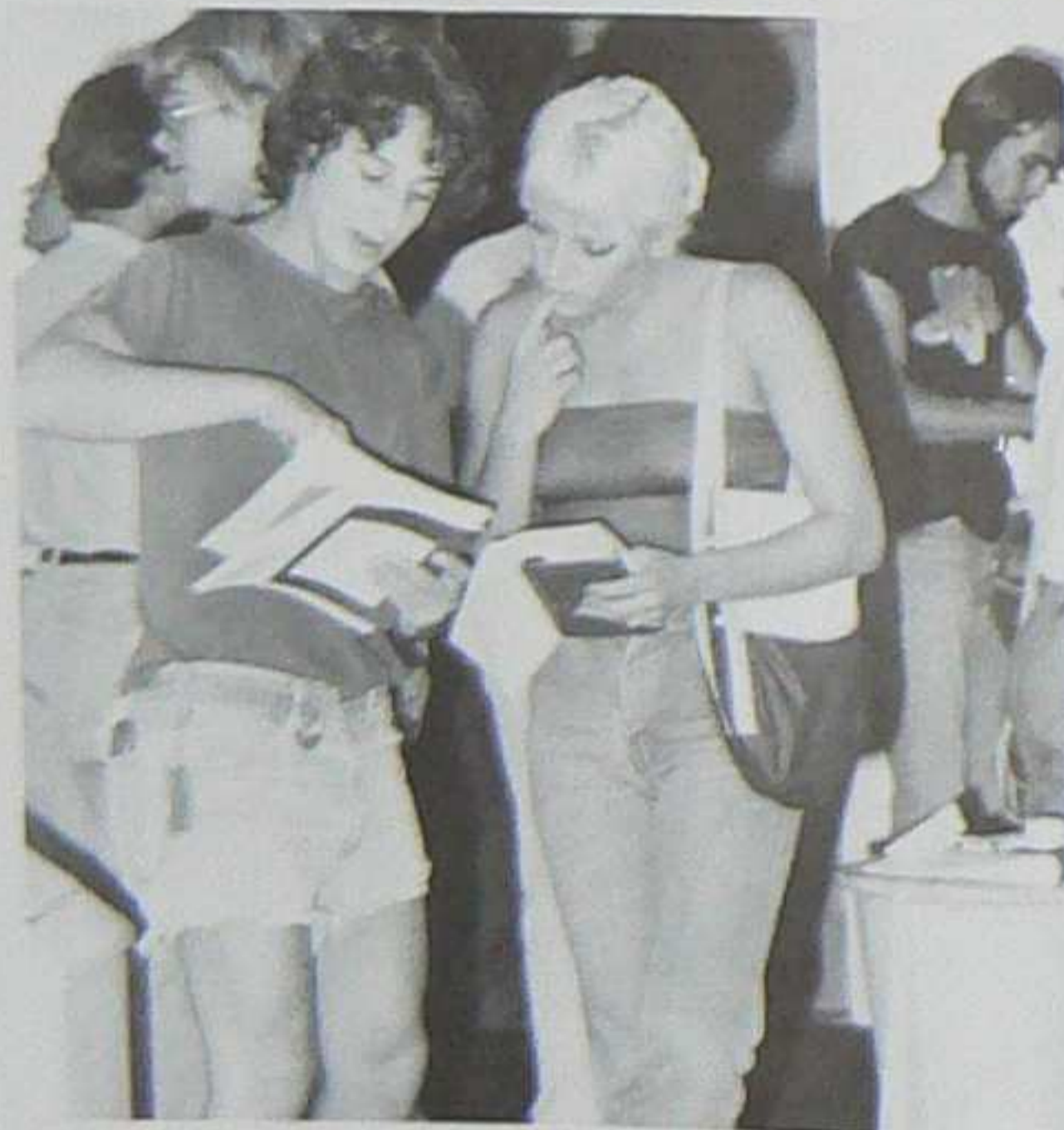
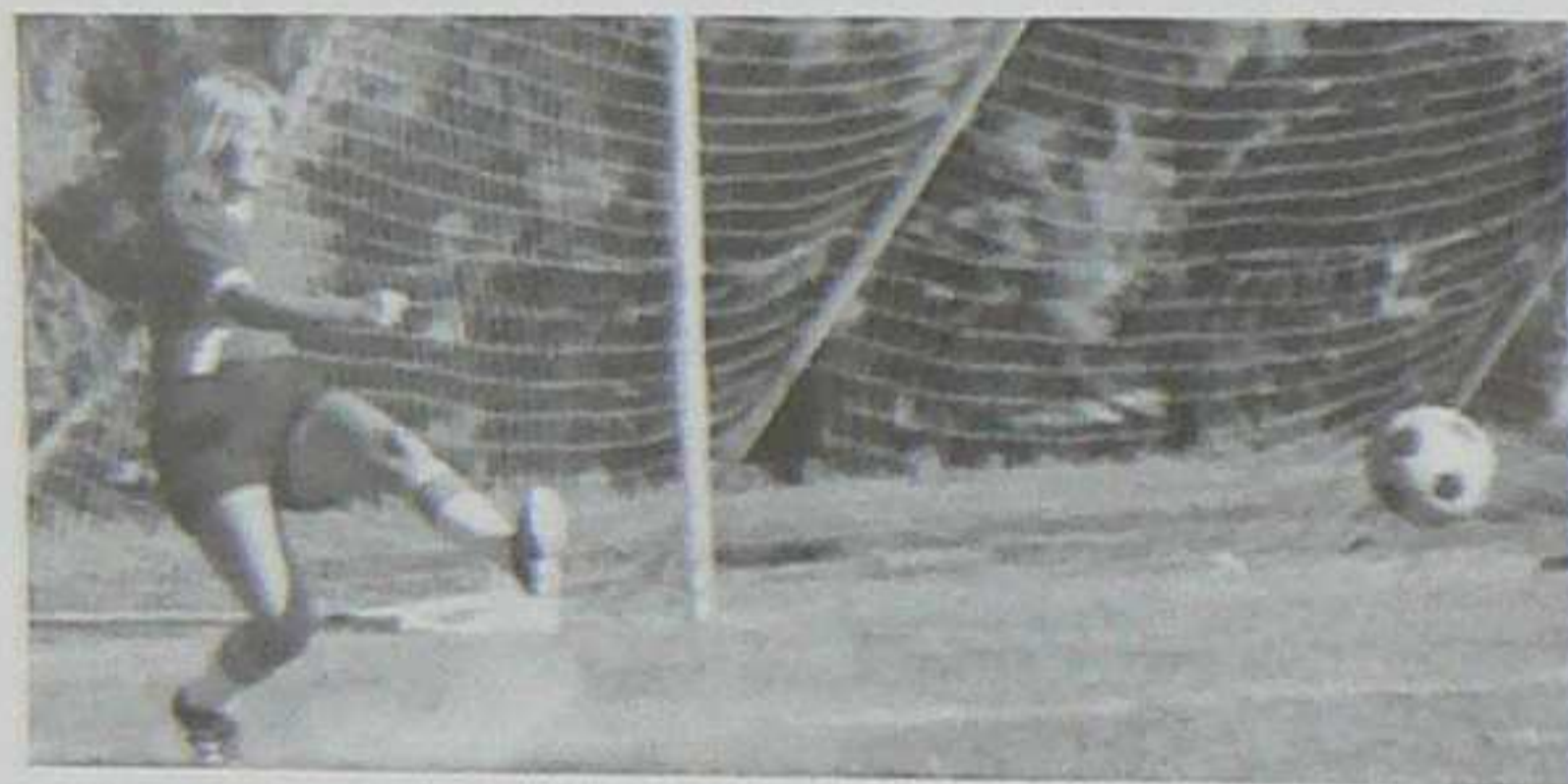


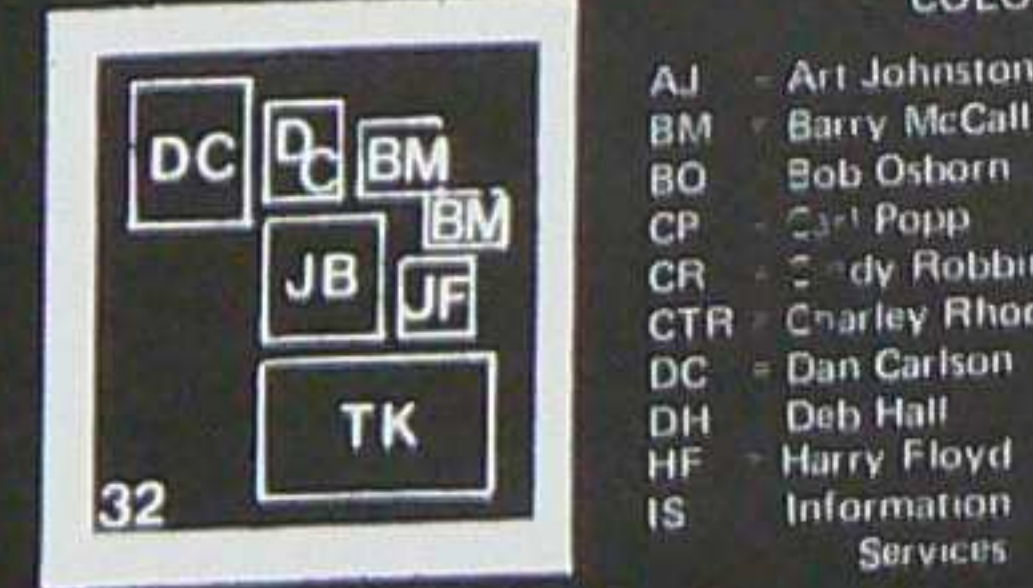
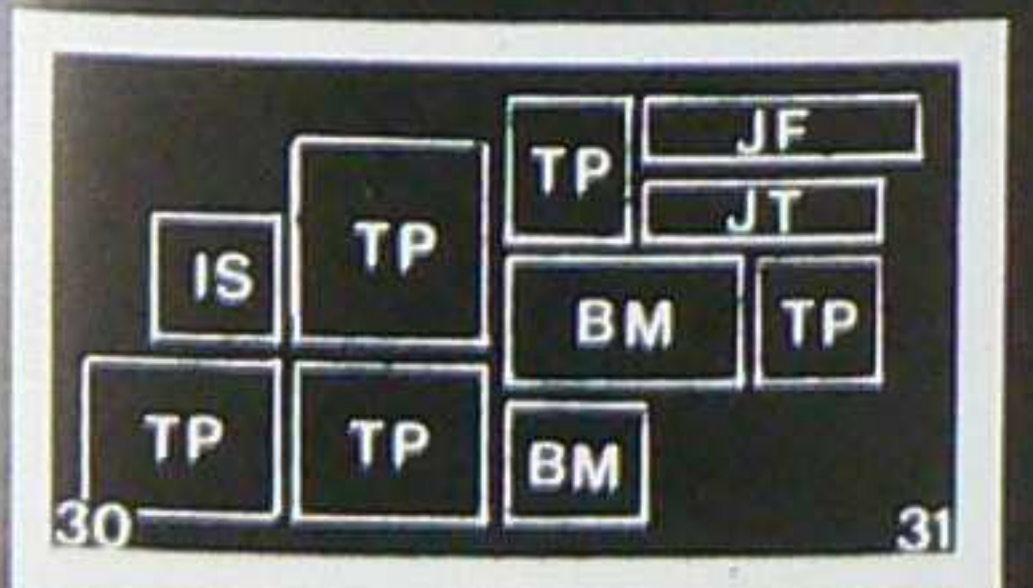
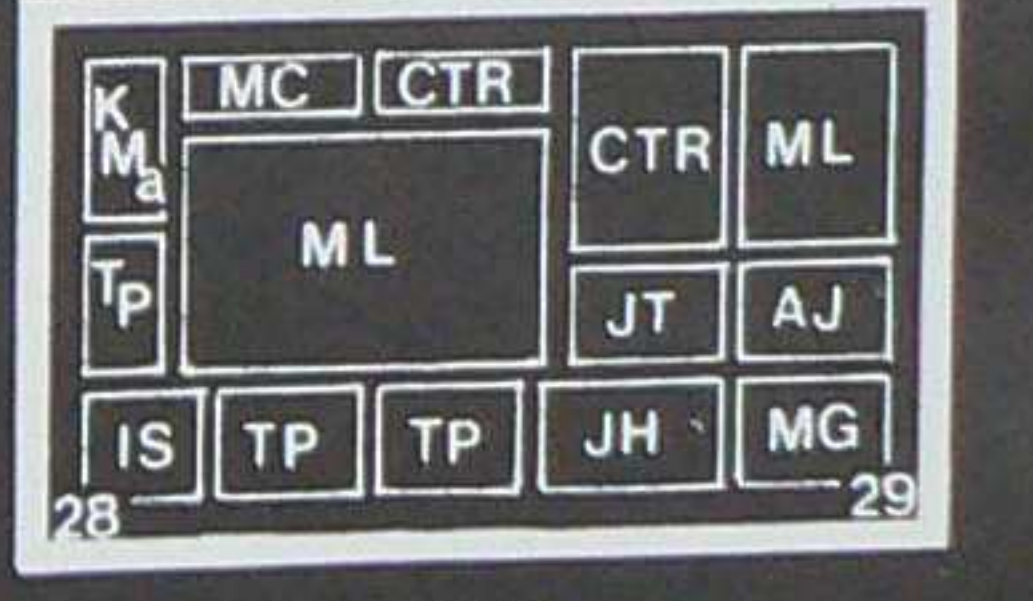
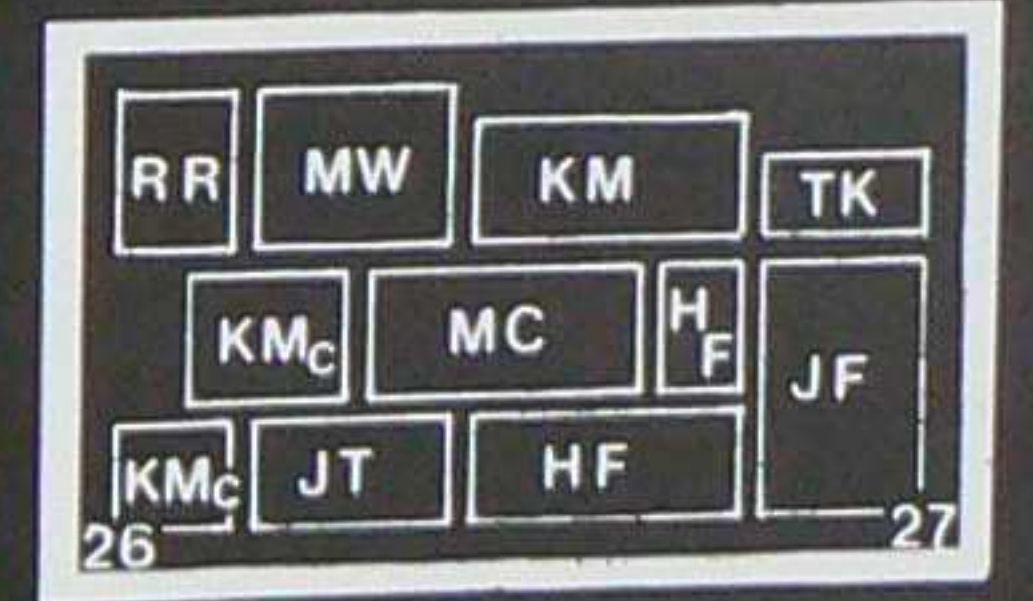
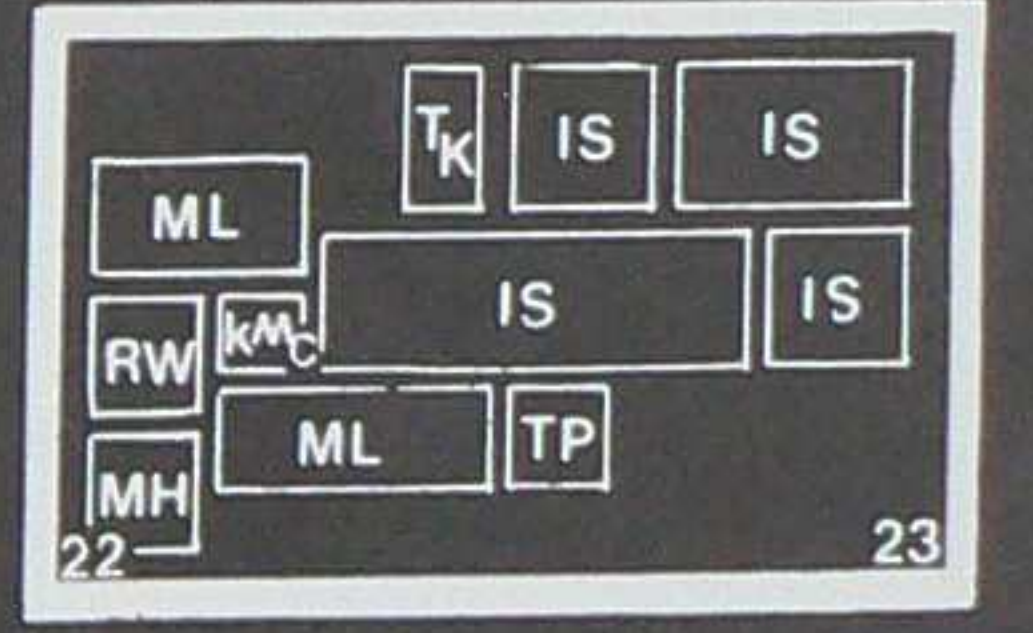
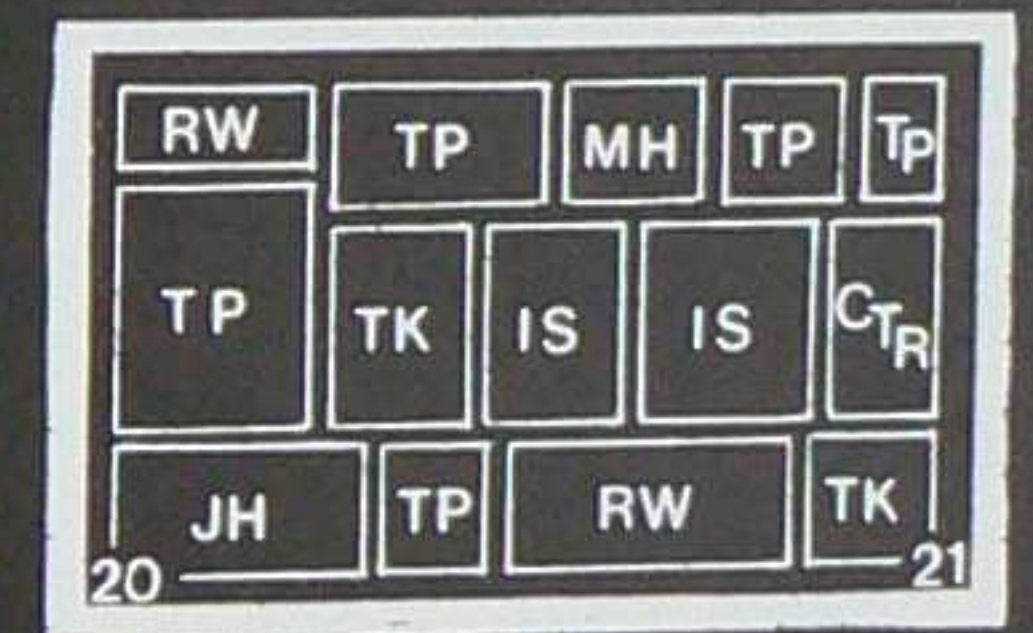
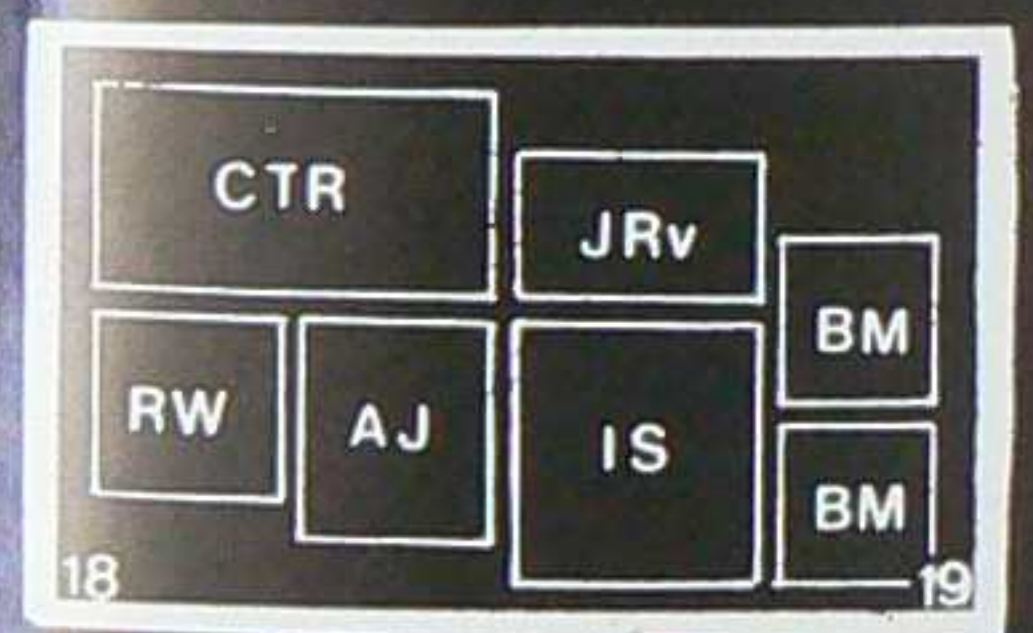
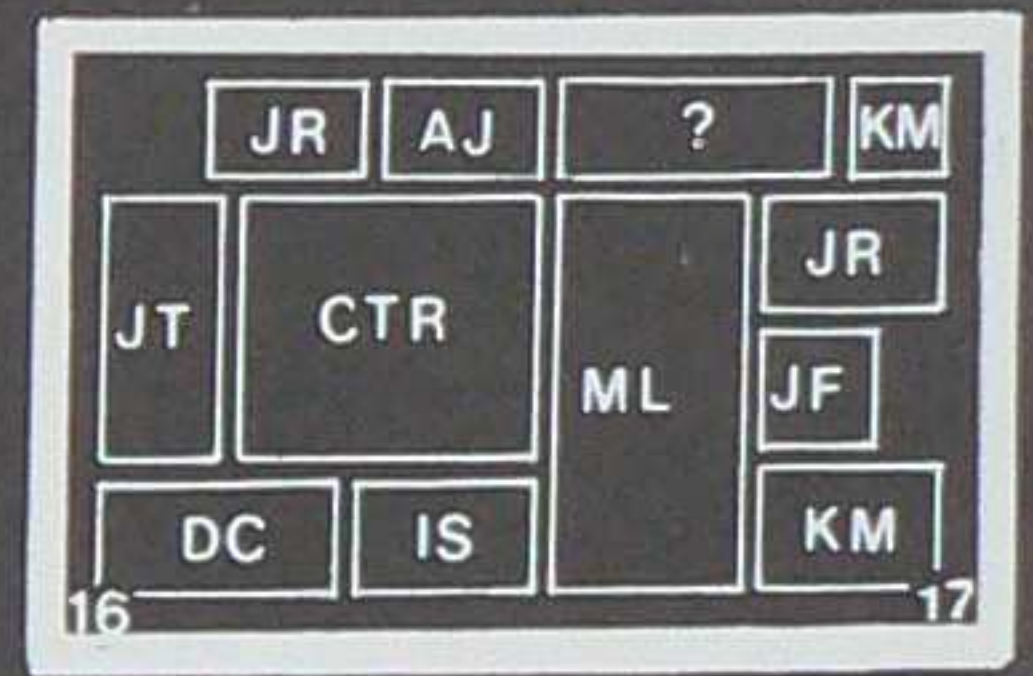
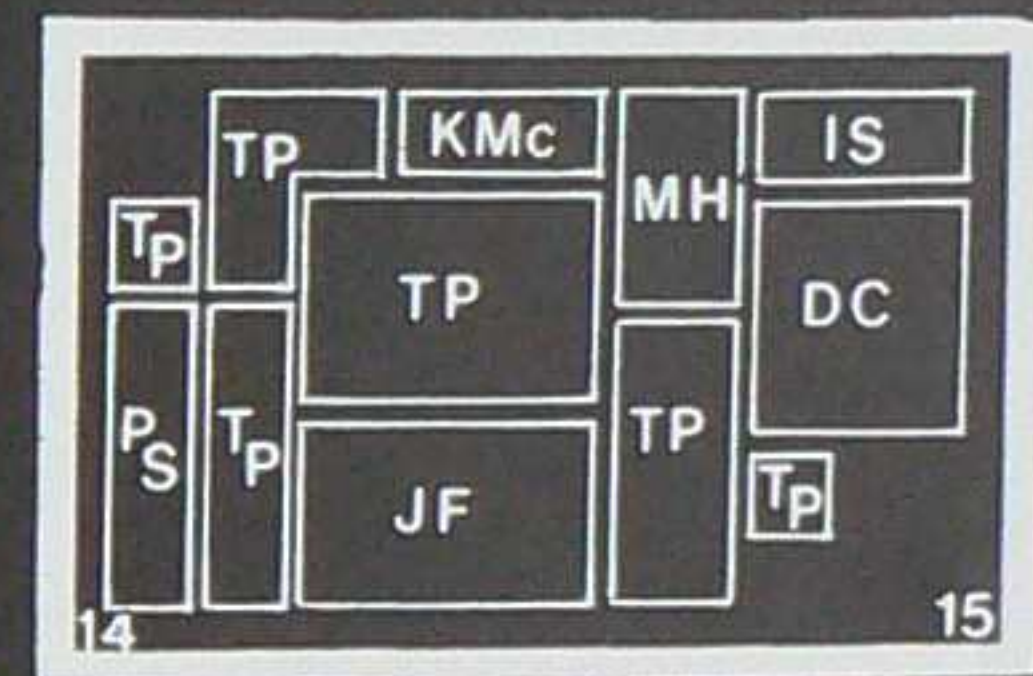
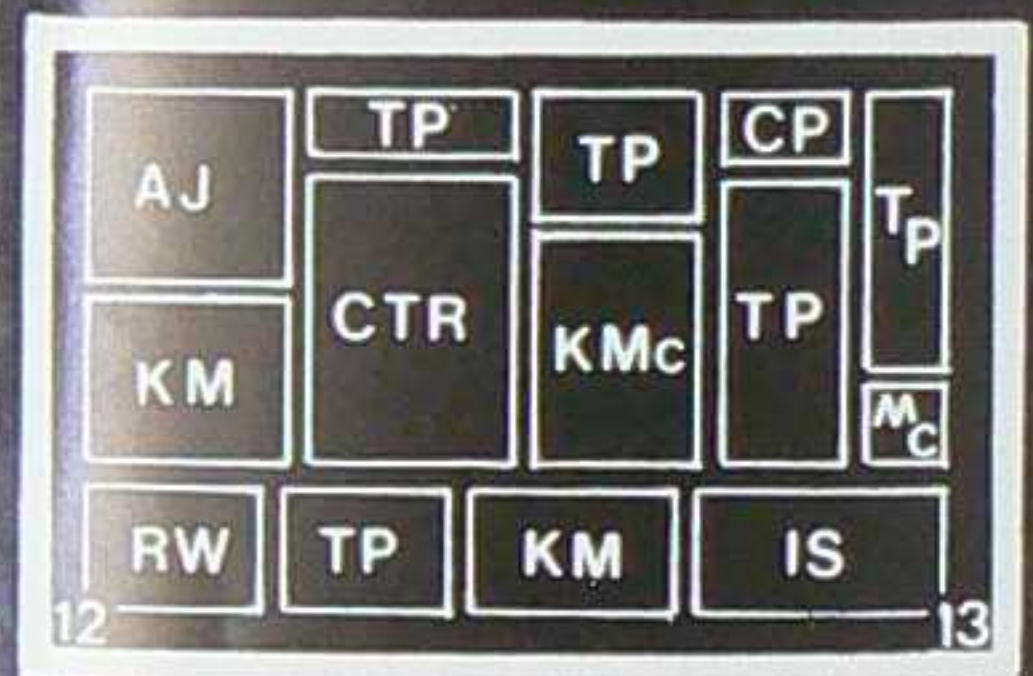
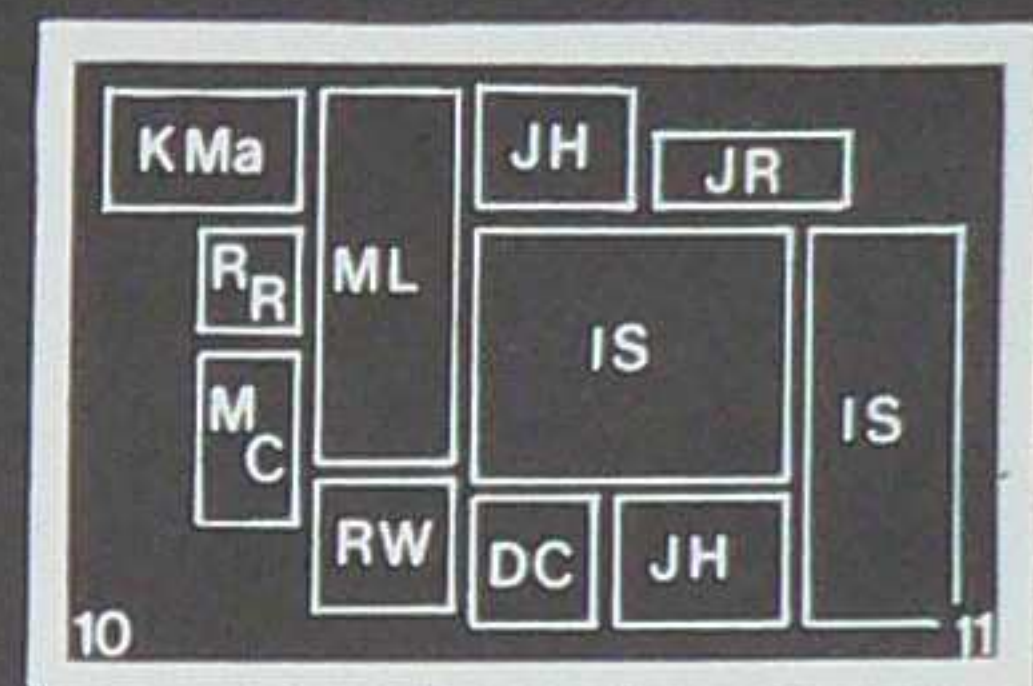
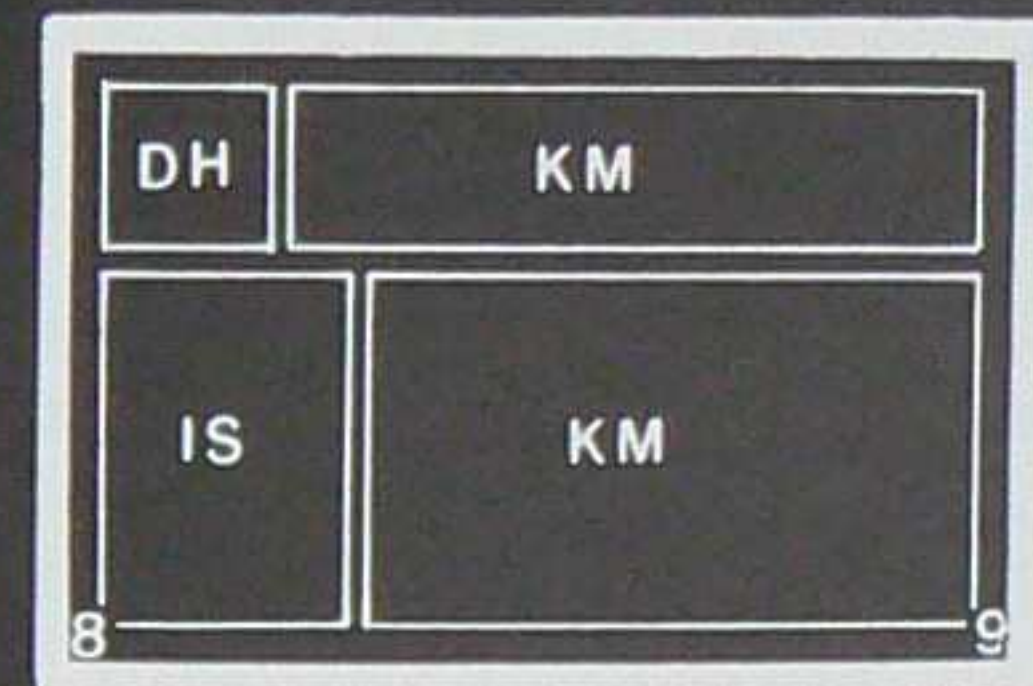
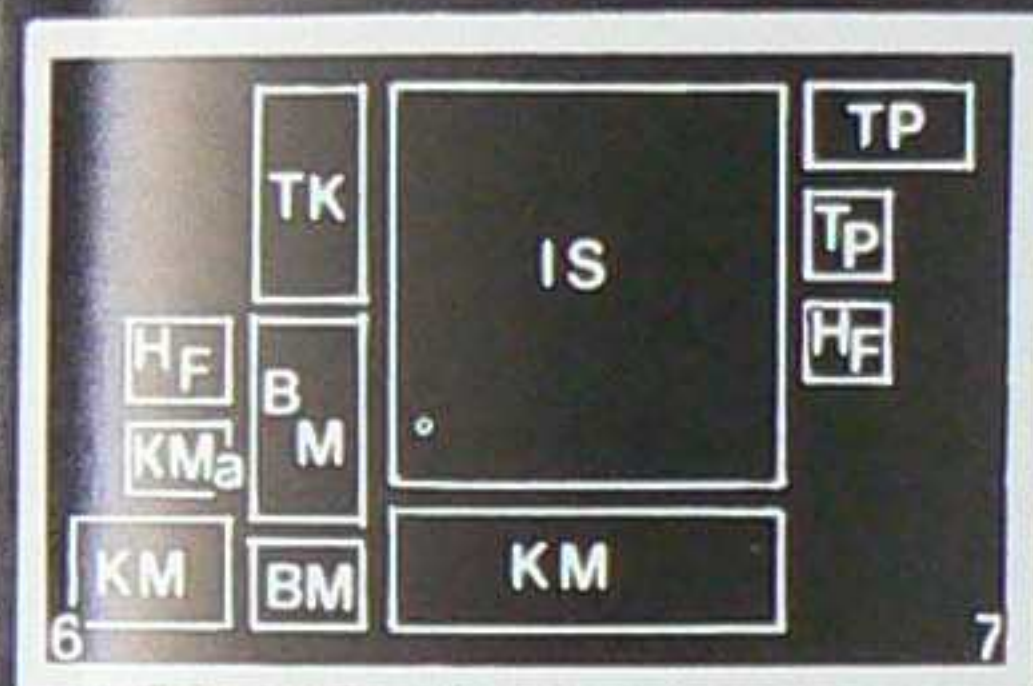
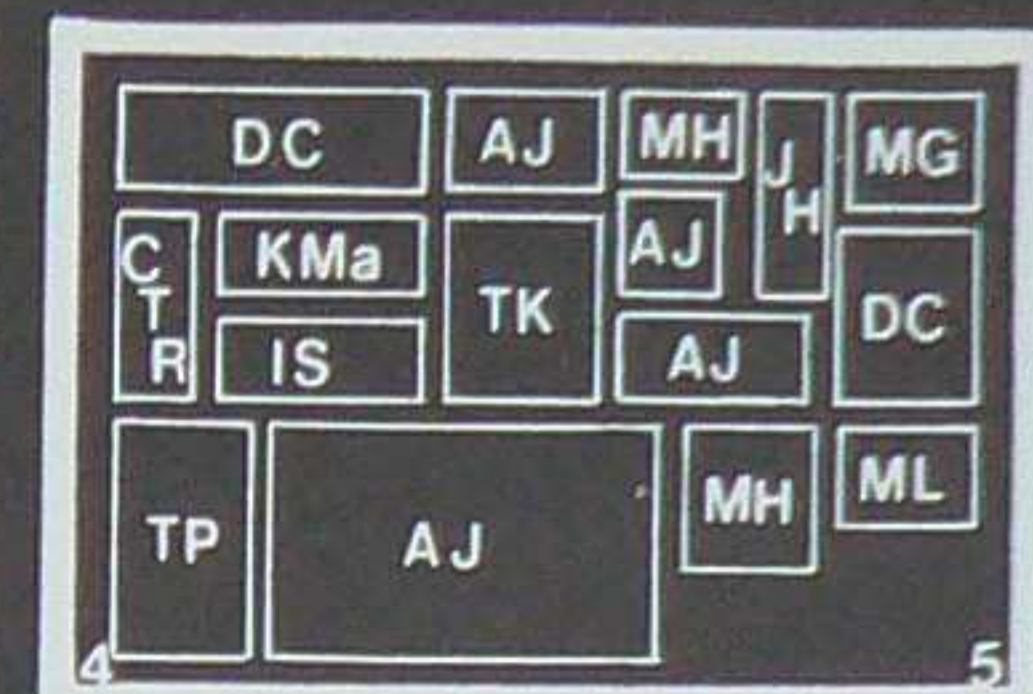
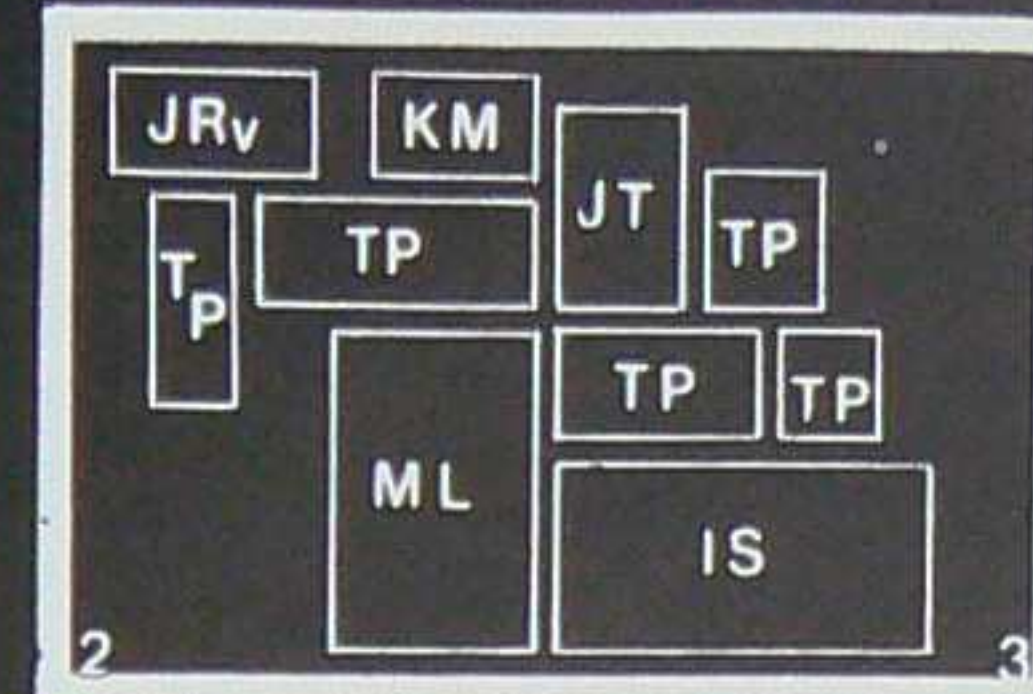
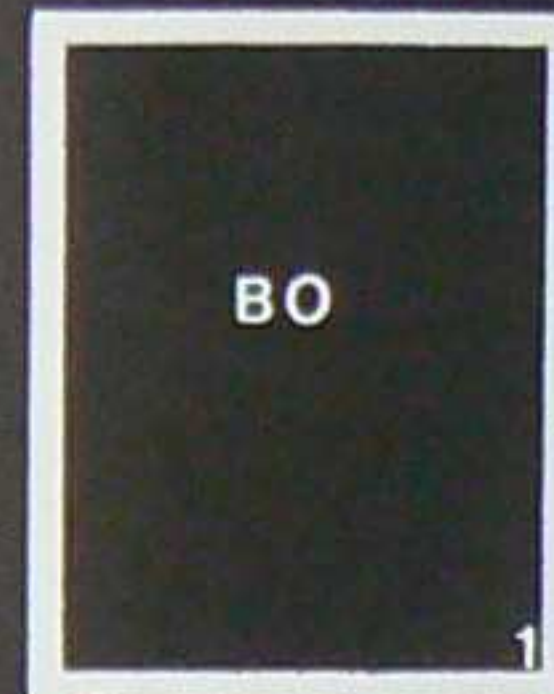
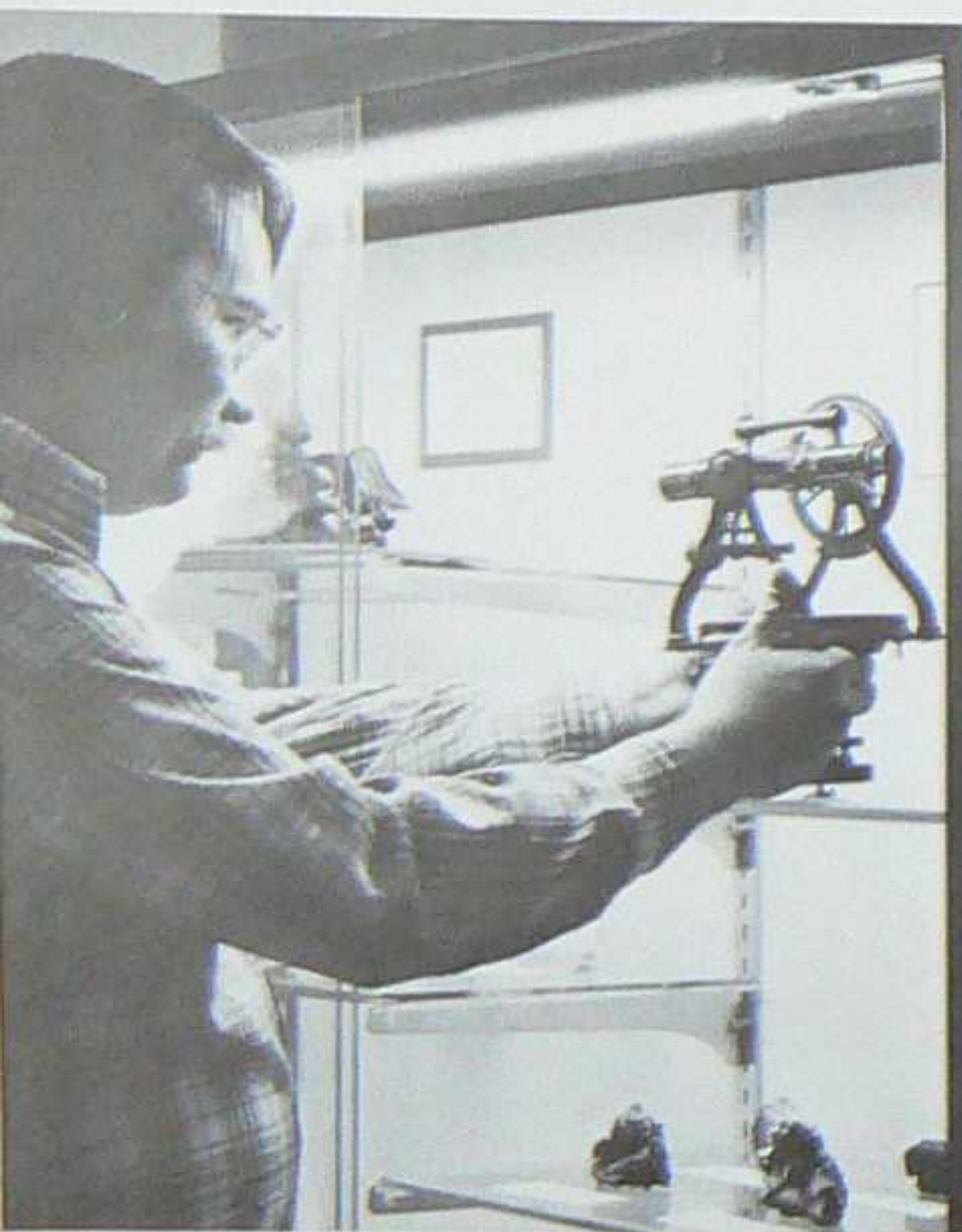
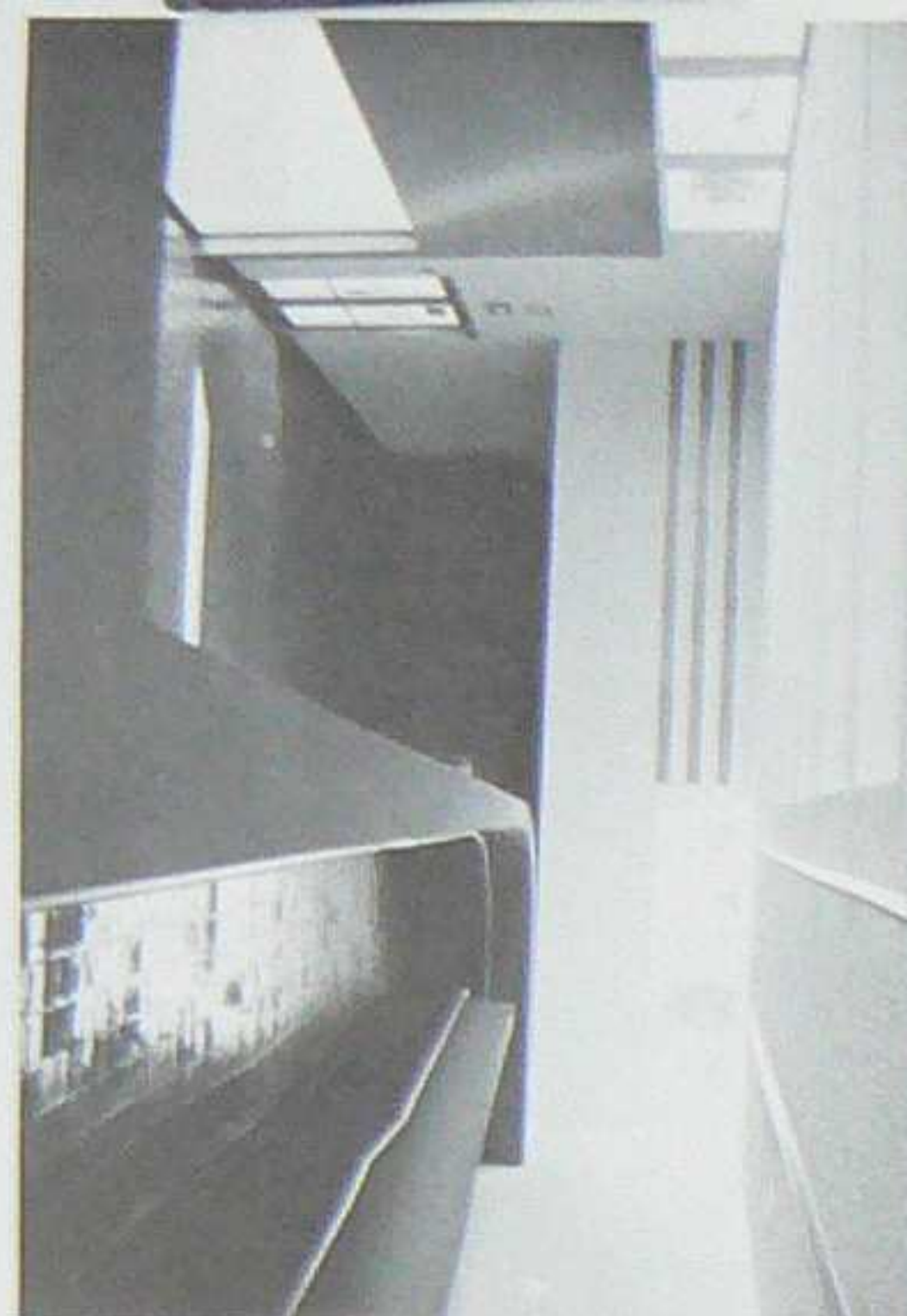
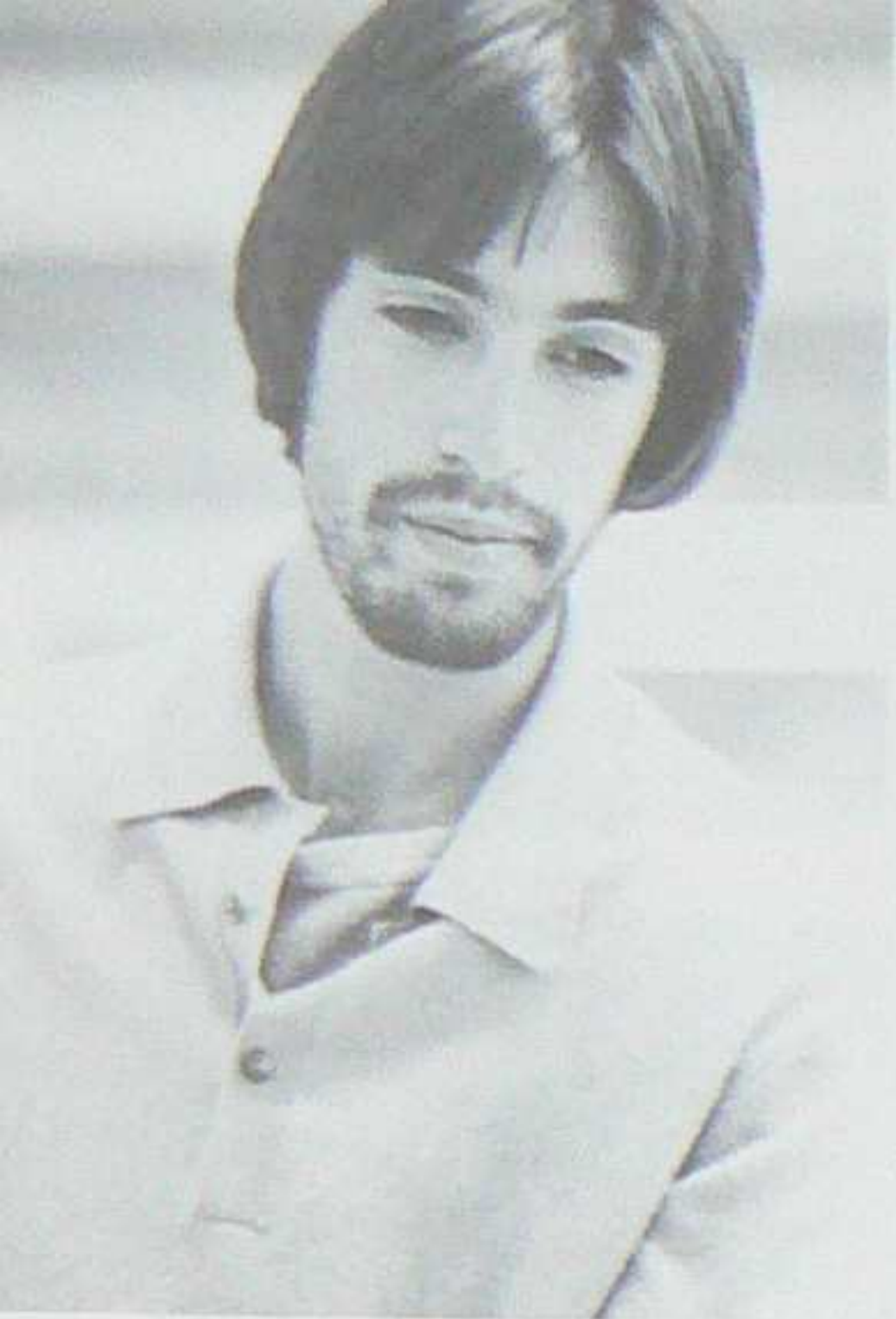
THE ZONE STILL PULLS ON THOSE WHO HAVE LEFT SOCORRO! I RECOMMEND A YEARLY MIGRATION FOR SEVERE CASES. WHY NOT AT 49'ERS? HEY, MAYBE WE CAN GET THE VIGILANTE BAND TOGETHER FOR A GIG! HMMM...

THE END © DAVE THOMAS CLASS OF 77, 79, 80

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Dear Reader:

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

Since NMIMT'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 '38. 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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