



Pacemaker 74



Yearbook of the
College of Osteopathic Medicine and Surgery
Sponsored by the
COMS Student Council
and
Sigma Sigma Phi Fraternity

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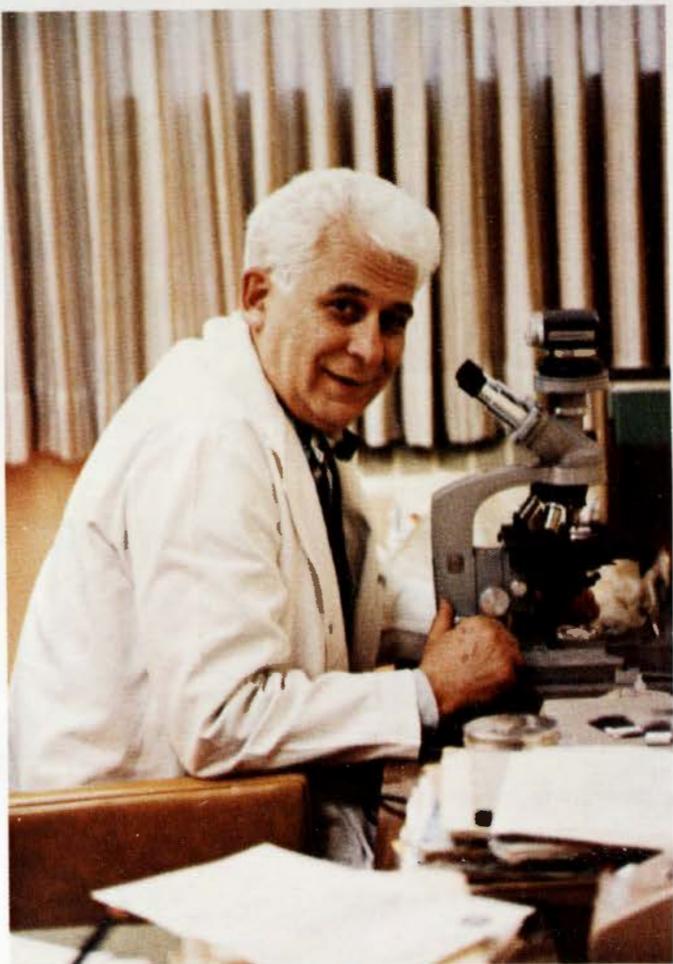
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Dedication

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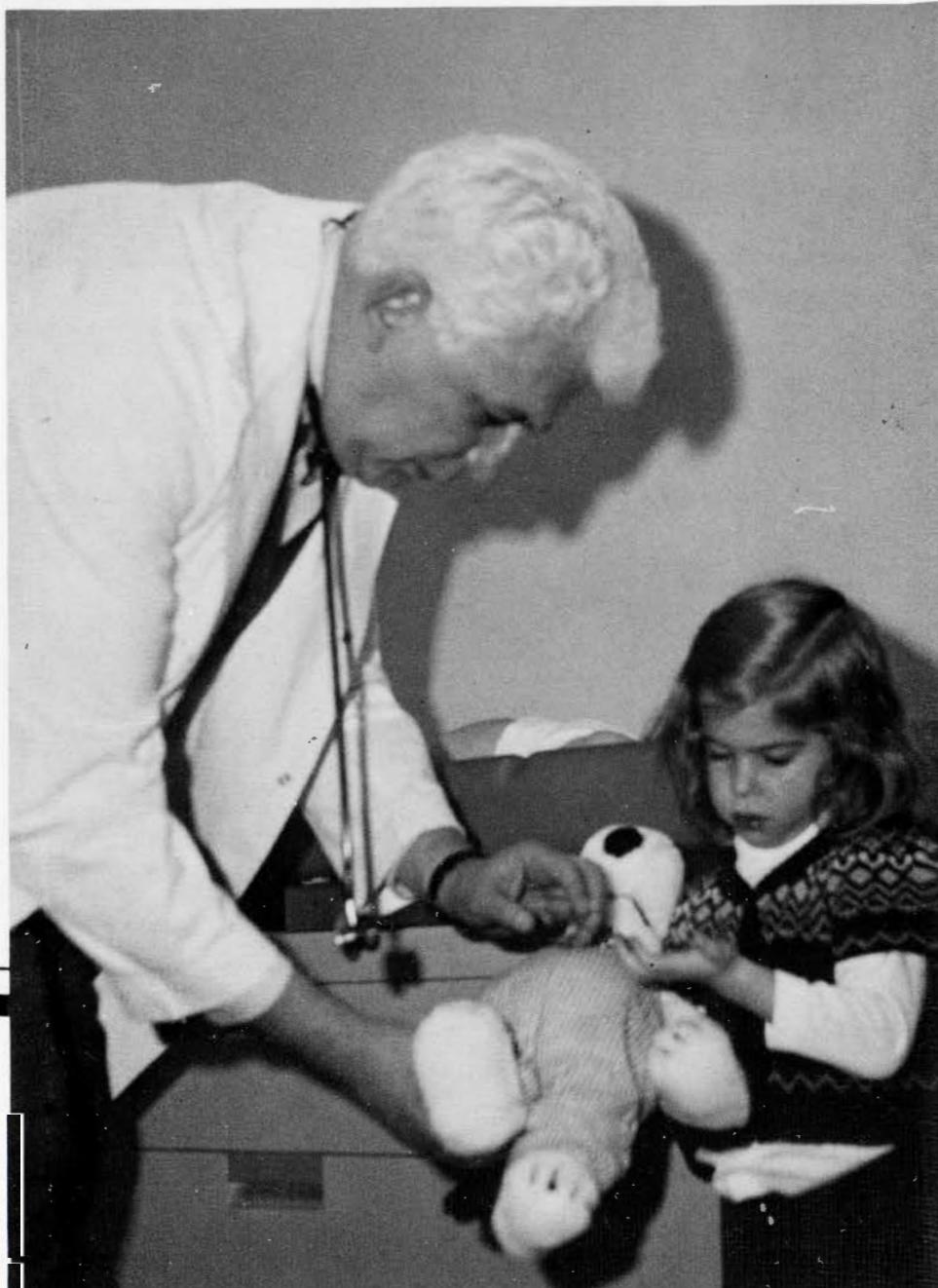
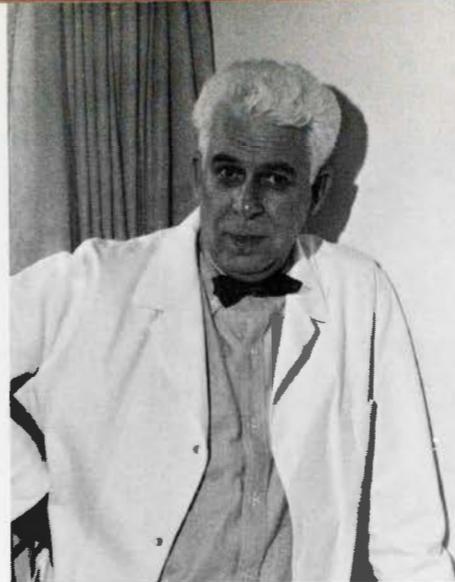




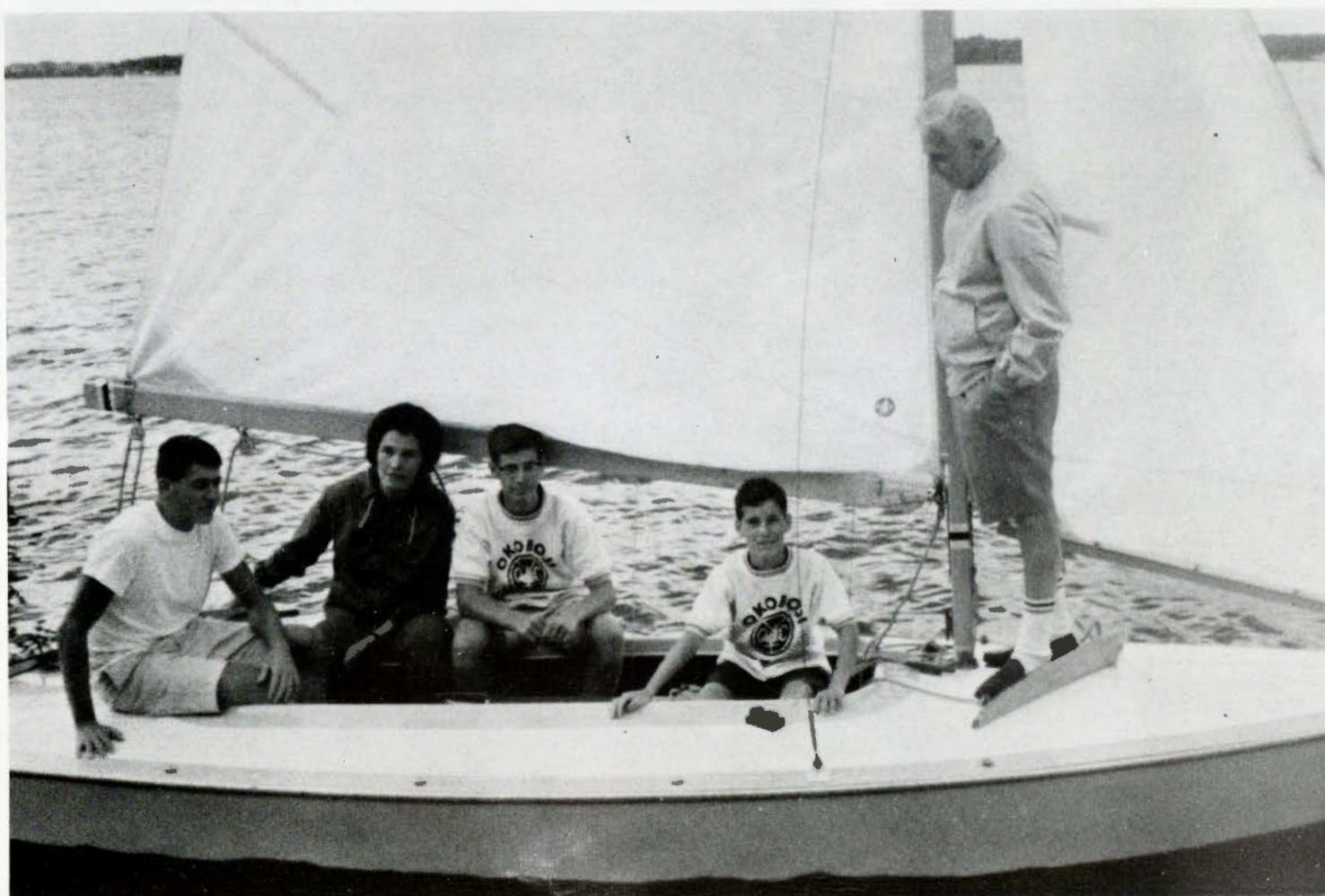
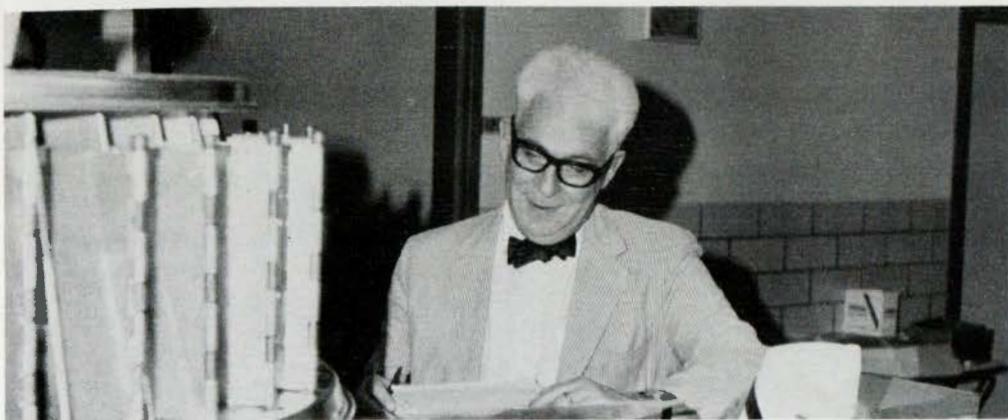
With a quiet manner and slow deliberation, Dr. Jack Spevak affords the best in pediatric medicine to Iowa's little people.

As a student on Dr. Spevak's service one becomes awed by his gentle calm and his academic prowess. You and

the good doctor work from early morning to late evening, eating an occasional potato chip in the hall between patients. Somehow, the comforts most men enjoy, lose their significance when compared to the afflictions of the children before you.



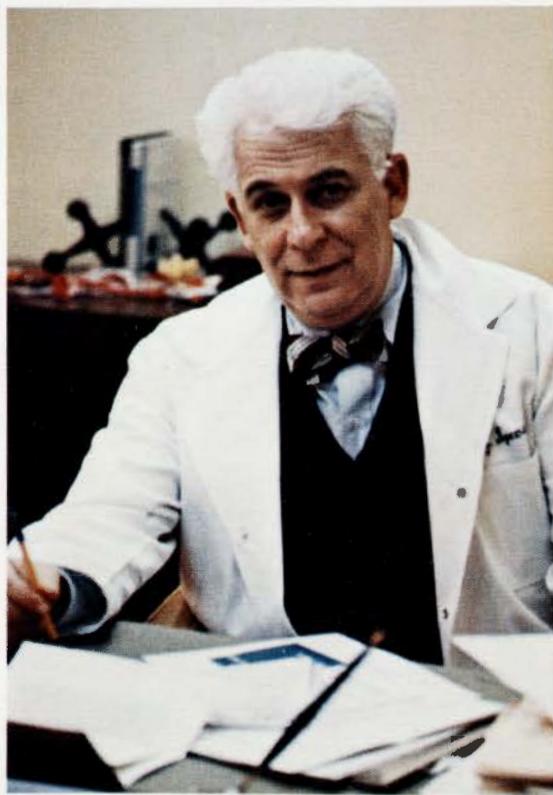
Without coercion, you study diligently, his inspiration and reinforcement become your remuneration. He answers your questions with journal quotes and glancing smiles.



His lectured thoughts become a cherished textbook, worn by your constant re-assimilation. You read. You ponder. You remember the face of late night preparation. His deepened voice; his half closed eyes; the clapping hands at his lectures end, although unwritten remain

imprinted between the lines. Although of allopathic vintage, Dr. Spevak has fought undeniably for osteopathic equality within the health profession. In one short year, Dr. Spevak has developed one of the strongest pediatric departments in the college's

history. Without prejudice, he offers the benefits of his expertise. As an expression of our deep appreciation, Pacemaker 74 is dedicated to Jack Spevak, friend and physician. As a teacher, he has been a constant inspiration.



We, however, are aware that the real benefactors of his sagacity are the little people we shall treat in the years to come.

The Graduating Class Of 1974



The Compleat Paediatrician

Administration

It is a rare **privilege** a president enjoys when he dedicates a **college** annual to the class that graduates in the 75th year of the institution's existence. I am delighted to extend my warmest **felicitations** and greetings to the graduates of 1974. Your class represents the culmination of **seventy five** years growth and **striving together** to create a fine osteopathic medical school and fine physicians.

Yours, as **osteopathic** physicians, is the privilege of **joining** a vital and vigorous healing art. It is **interesting** that in the recent decision by the **Supreme Court of California**, the **osteopathic philosophy** of medicine was categorized as a complete healing art, including all of the modalities plus manipulation. This **concept** of a "complete healing art" is something that has never been used in describing any other branch of medicine.

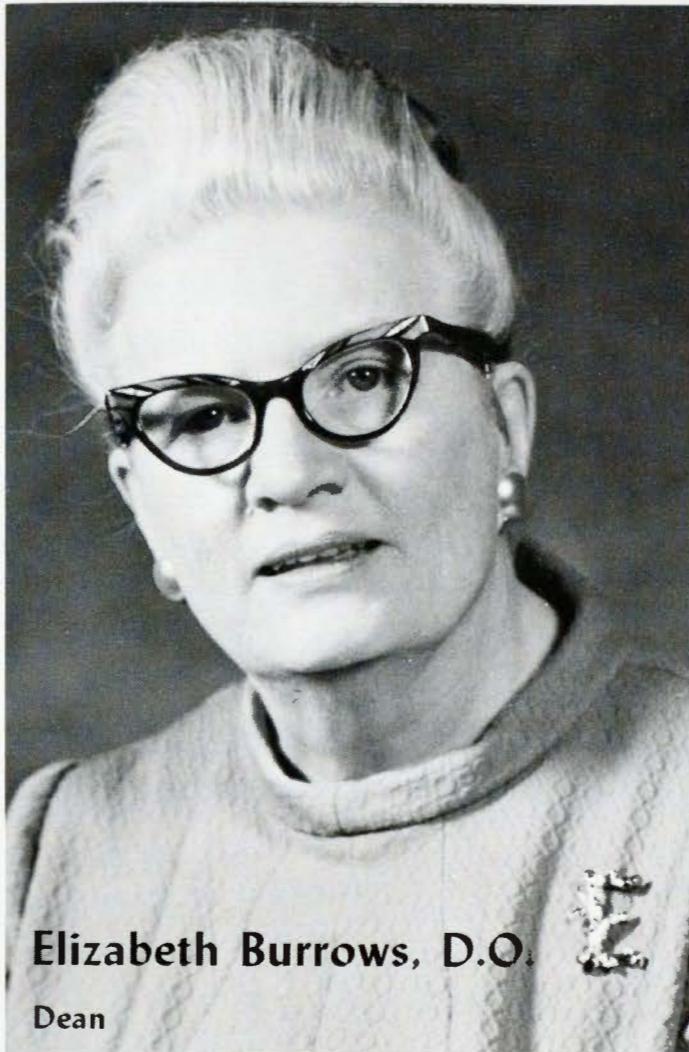
We have the **right** to be proud of what you are—well-trained, family-oriented, humane physicians. It is **our** hope that we will have as much **right to be** proud of what you become. For what you are today is the embryo of what you, as **physicians**, will be tomorrow. The way you practice **your** art will largely determine the quality of many communities in which you find yourselves. We urge you to be worthy of your **profession** and of the College of Osteopathic Medicine and Surgery which bestows its **degree** upon you and, therewith, confers upon **you** its ultimate approval.

We hope yours will be a happy, productive, and fulfilling life.

J. Leonard Azneer, Ph. D.
President

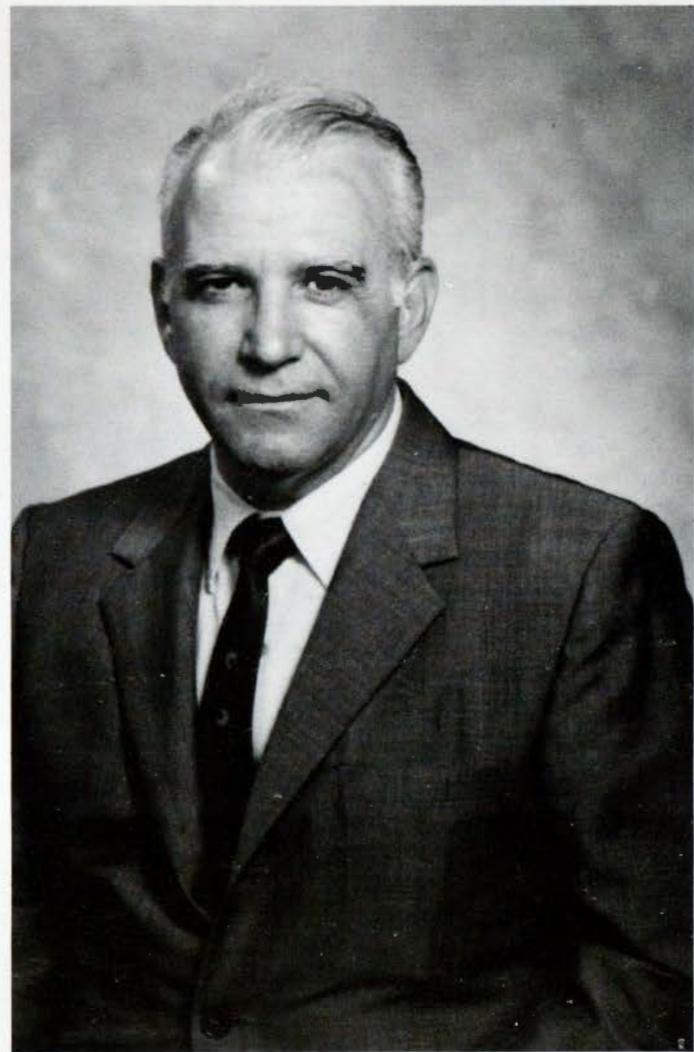


J. Leonard Azneer, Ph.D.
President



Elizabeth Burrows, D.O.

Dean



Gino DiVirgilio, Ph.D., M.D.

Associate Dean

Pre-Clinical Sciences

TO THE CLASS OF 1974

The embryo has grown, matured, developed and nurtured and is now prepared to venture out into the world.

It has been a privilege and a pleasure working with you, knowing you, worrying about you, prodding you, and witnessing your growth from yesterday's struggling students to tomorrow's "par excellence" physicians. You will embark on careers throughout the nation—some of you will remain in Iowa and the midwest, some of you will enter the military or public health service. Wherever you go, it is our hope that we have provided you with an ade-

quate educational program and instilled in you a high degree of competence and stimulation which will carry you through to become the fine physicians we know you are.

Don't forget us when the child leaves home, the parents don't stop caring - and when you leave COMS we will not stop caring. We would like to hear from you, we hope you will accept our support and lend us your support - we hope those

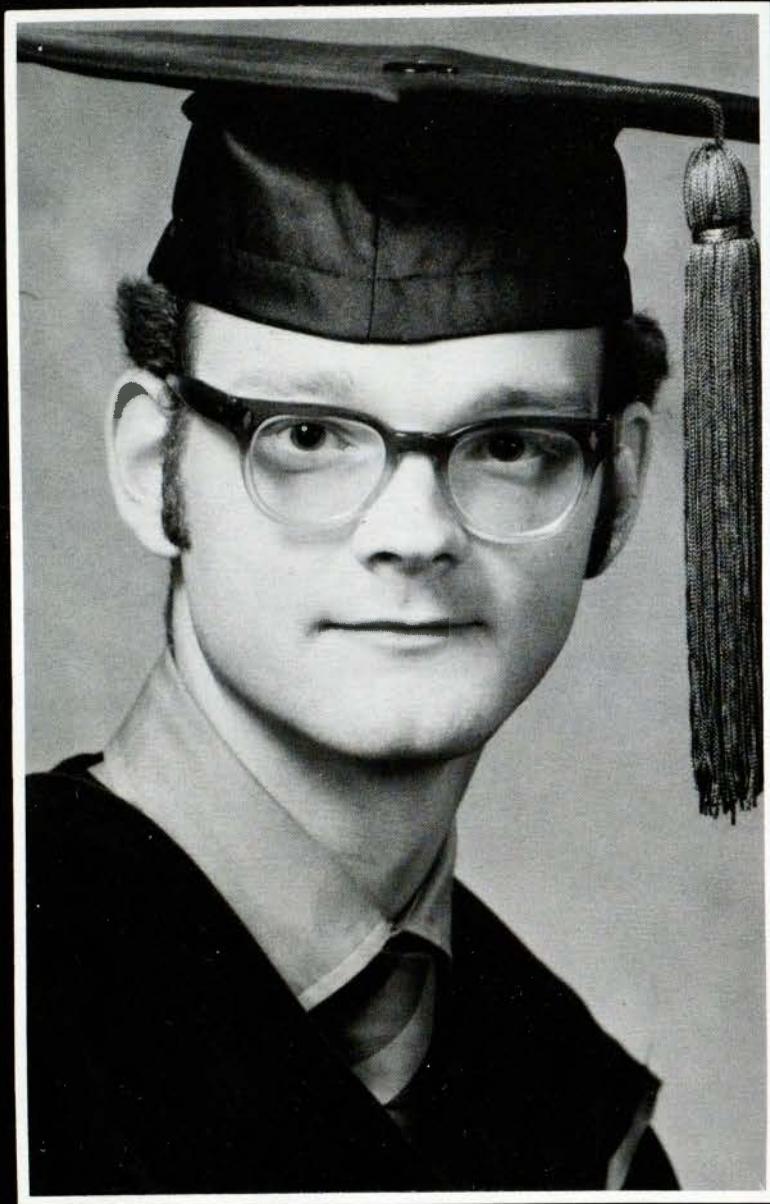
of you who will be living in warm sun climates will remember that we need some of your sunshine.

As you leave the College of Osteopathic Medicine and Surgery, go forth knowing that you leave with my love, concern and very best wishes for health, happiness and a successful, stimulating, and rewarding career in osteopathic medicine.

ELIZABETH R. BURROWS, D.O., FACO
DEAN

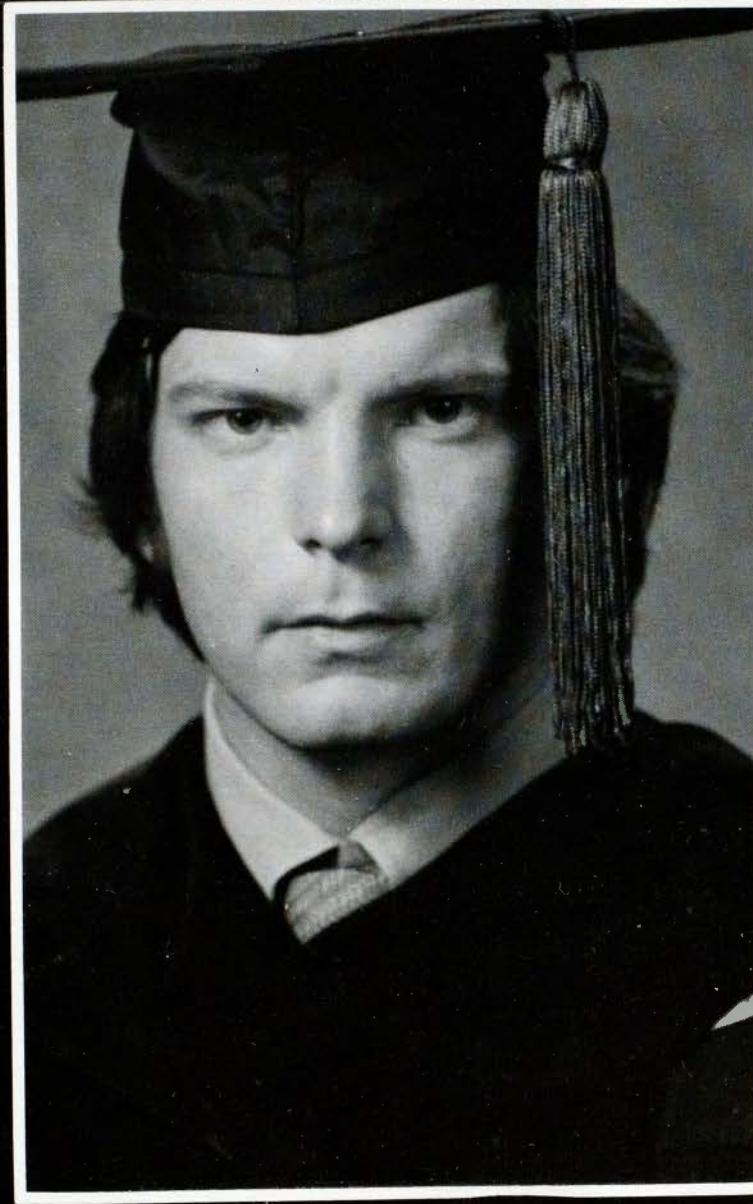
Graduates 74





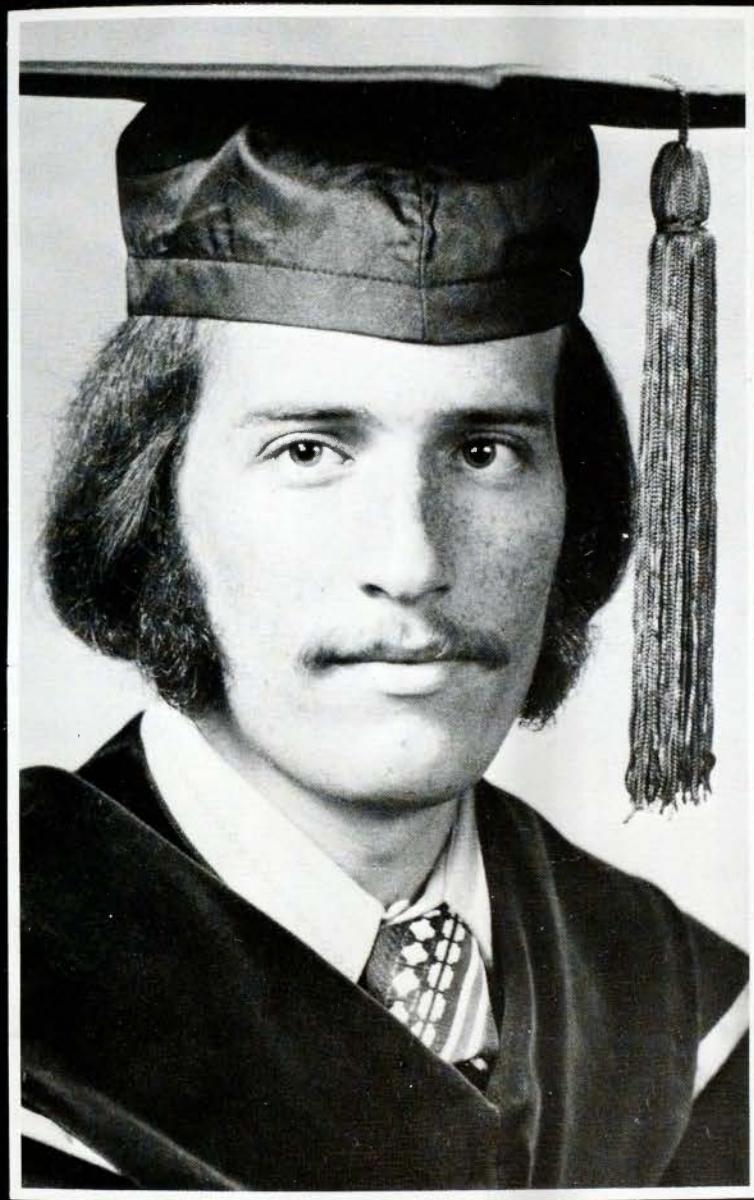
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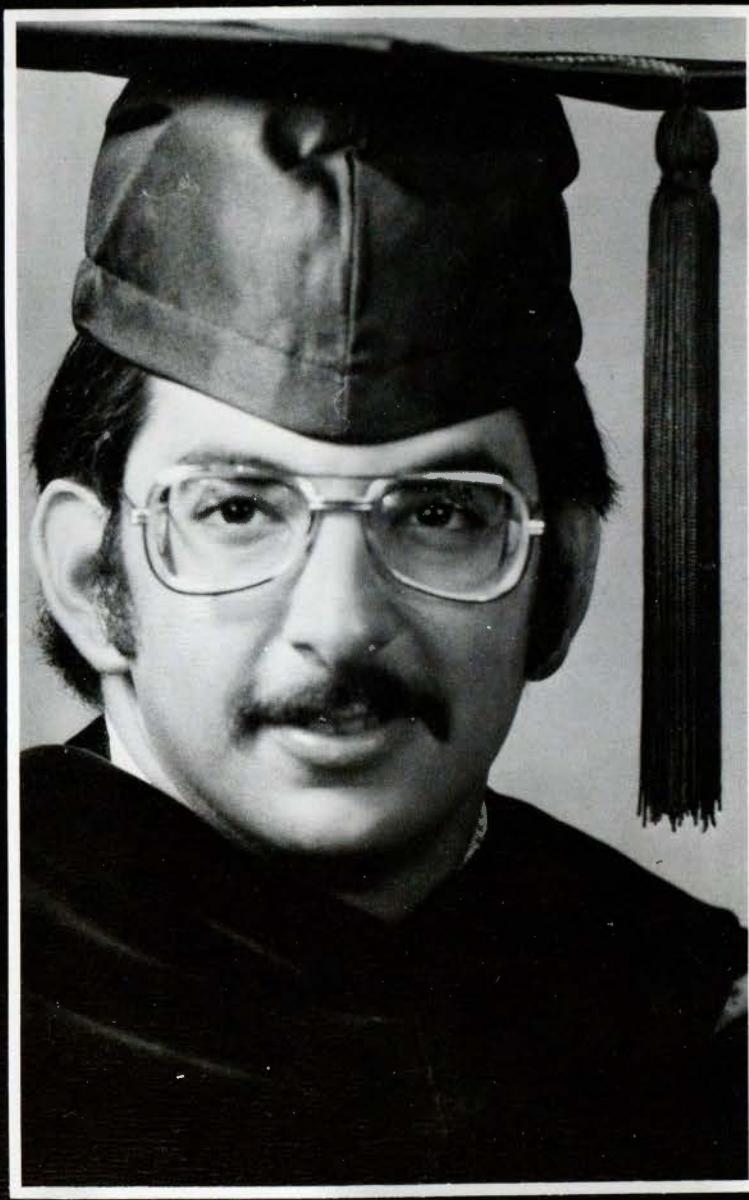
Westfield, N. J.

B.A., Boston University

SOMA - President

SOMA National Delegate 1972

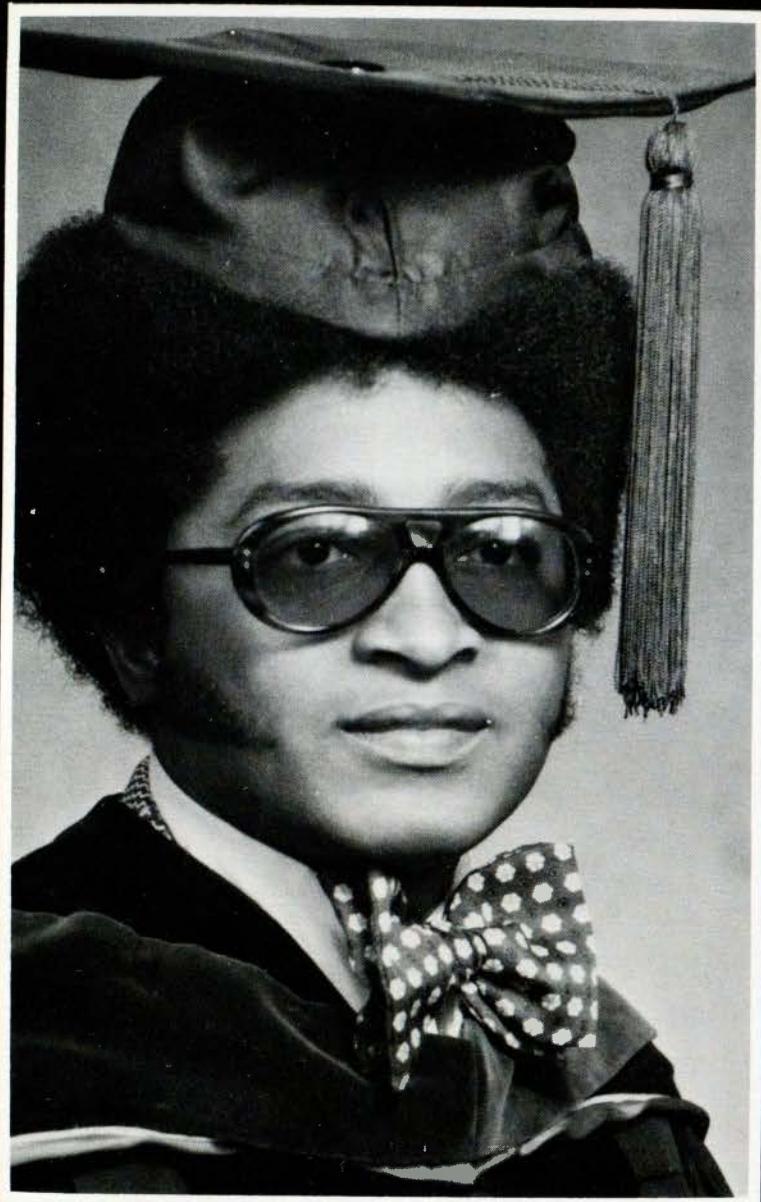
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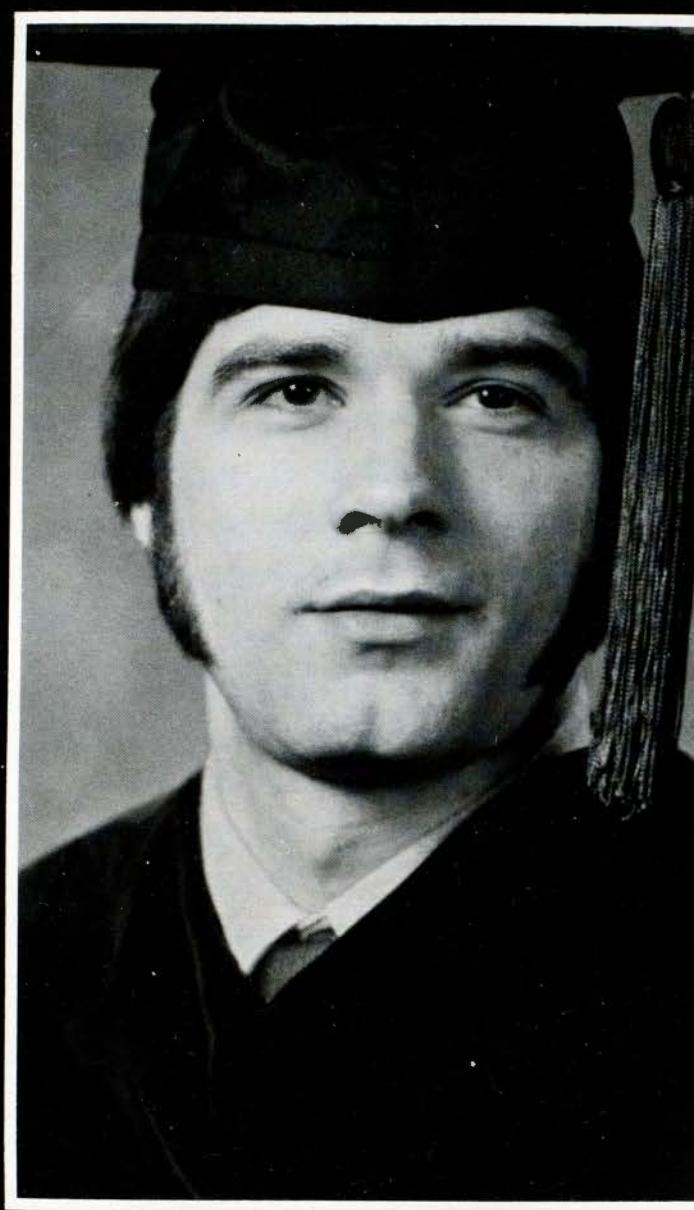
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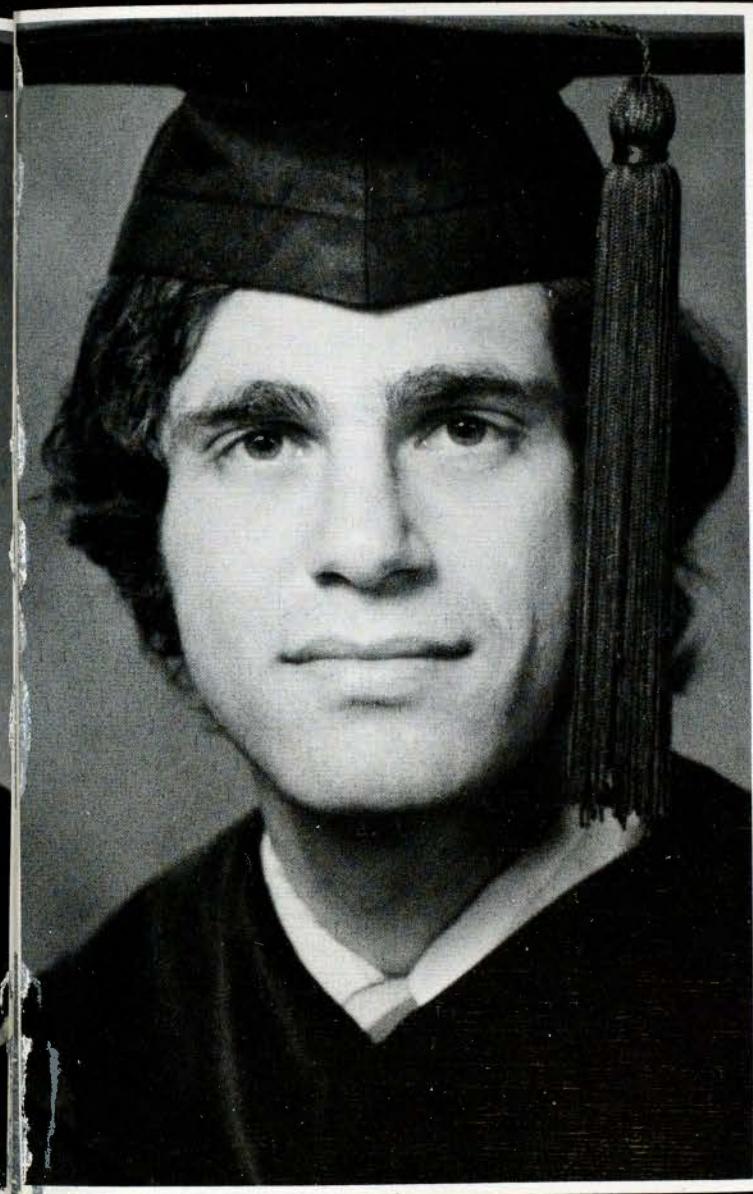
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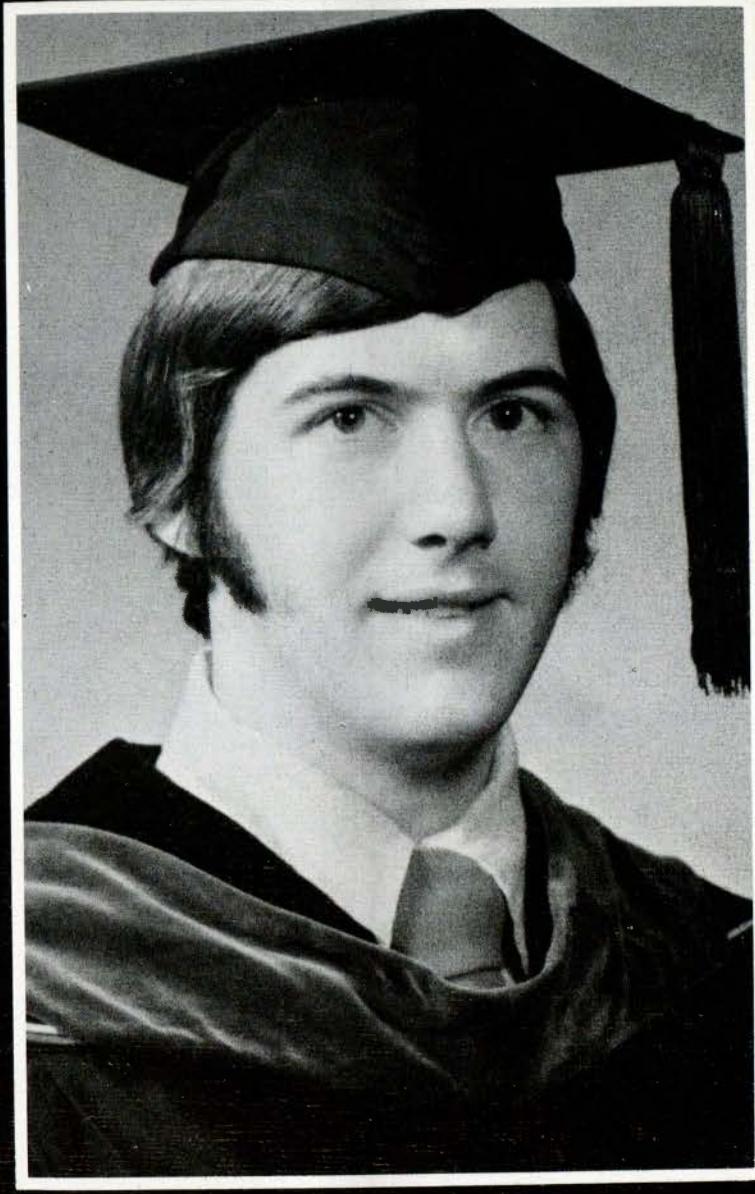
Pathology Lab Instructor

PSG



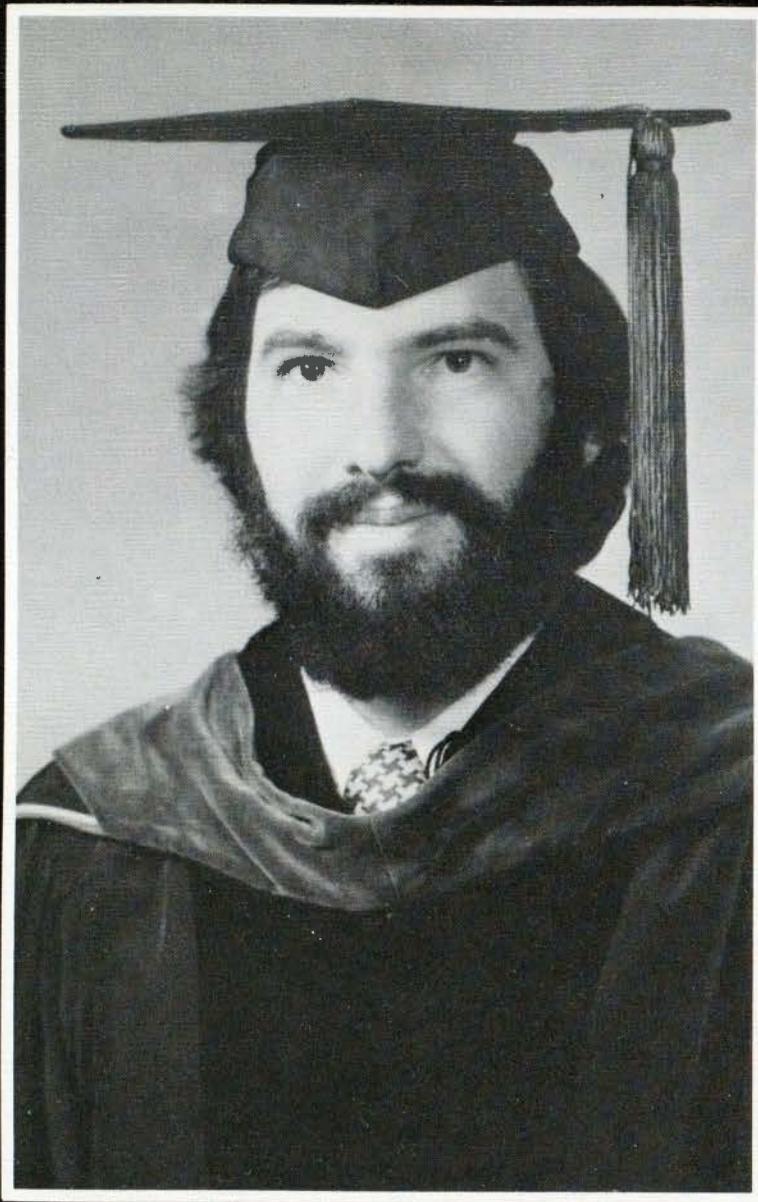
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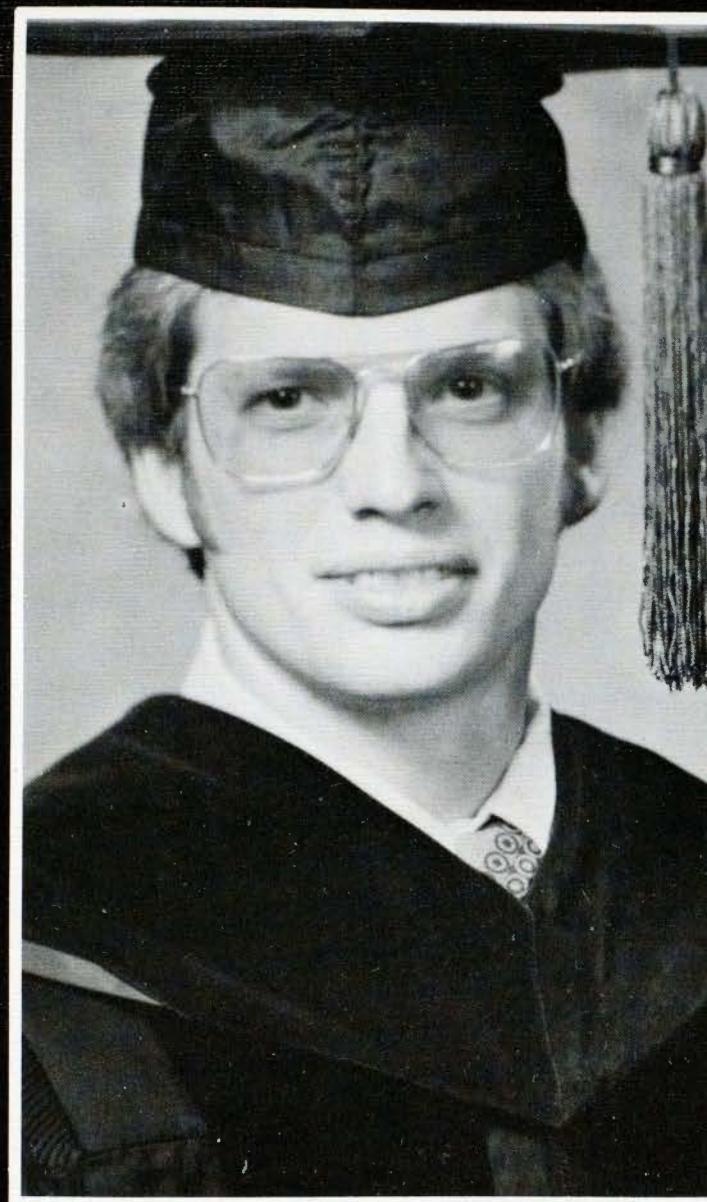


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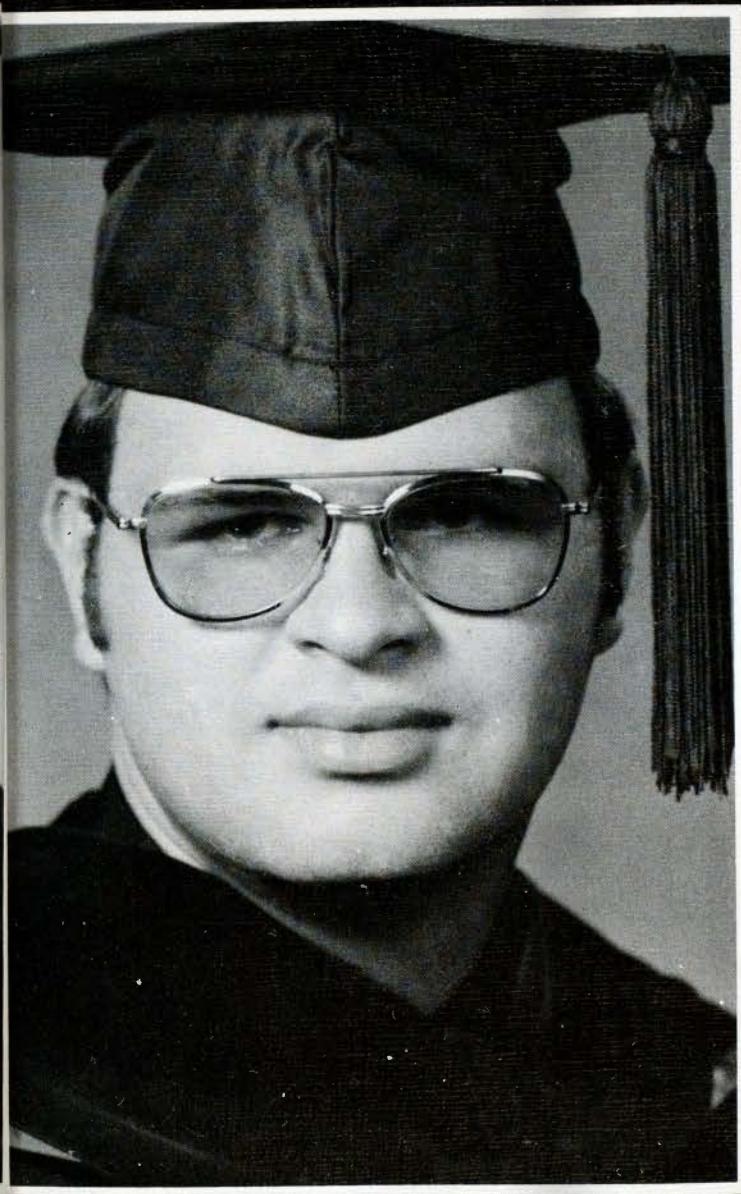
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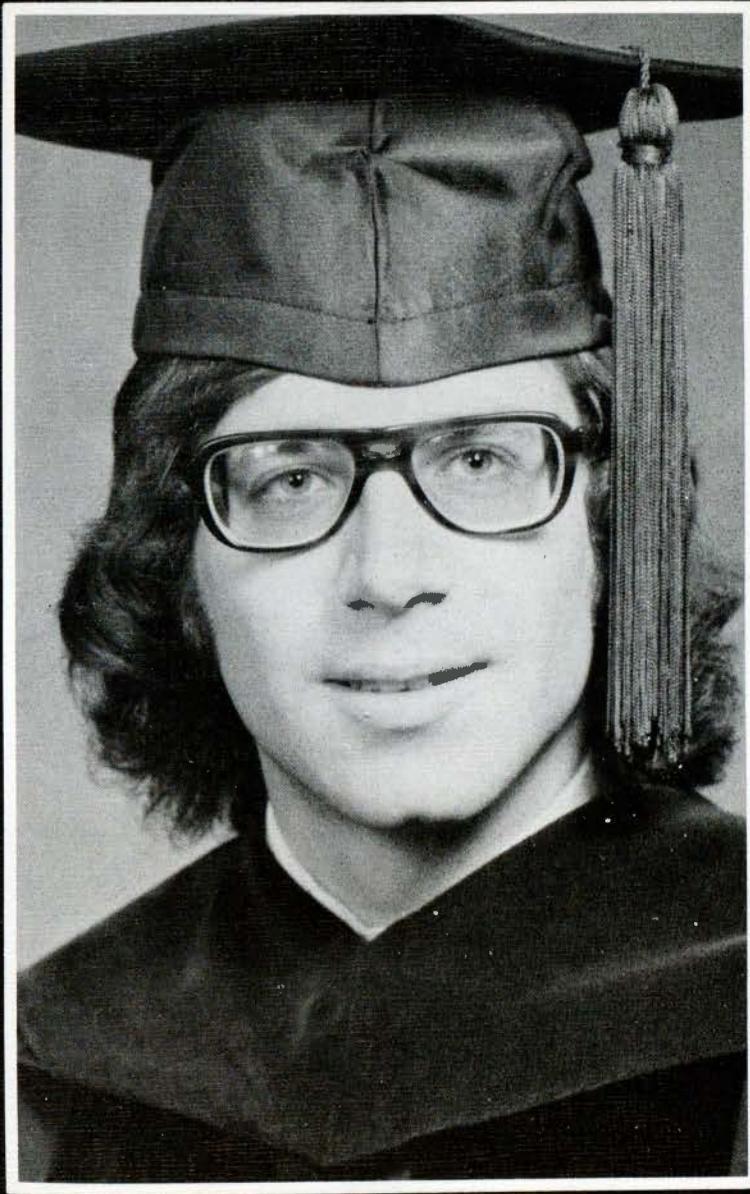


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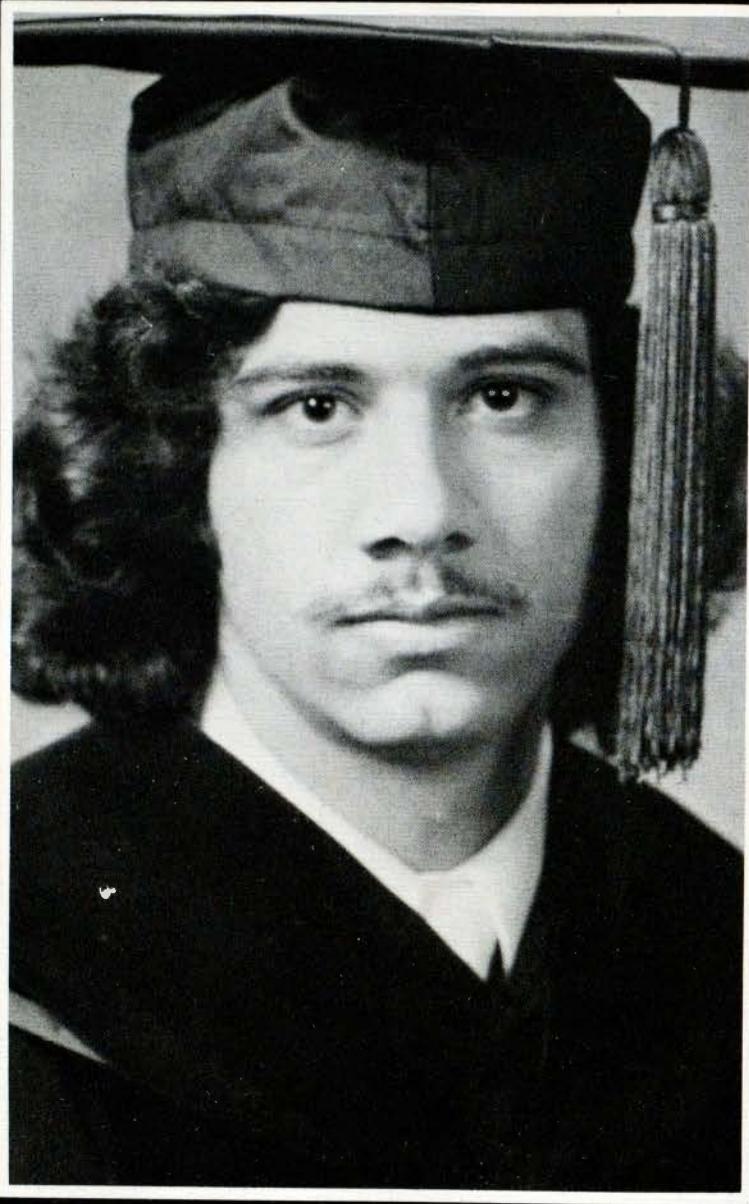
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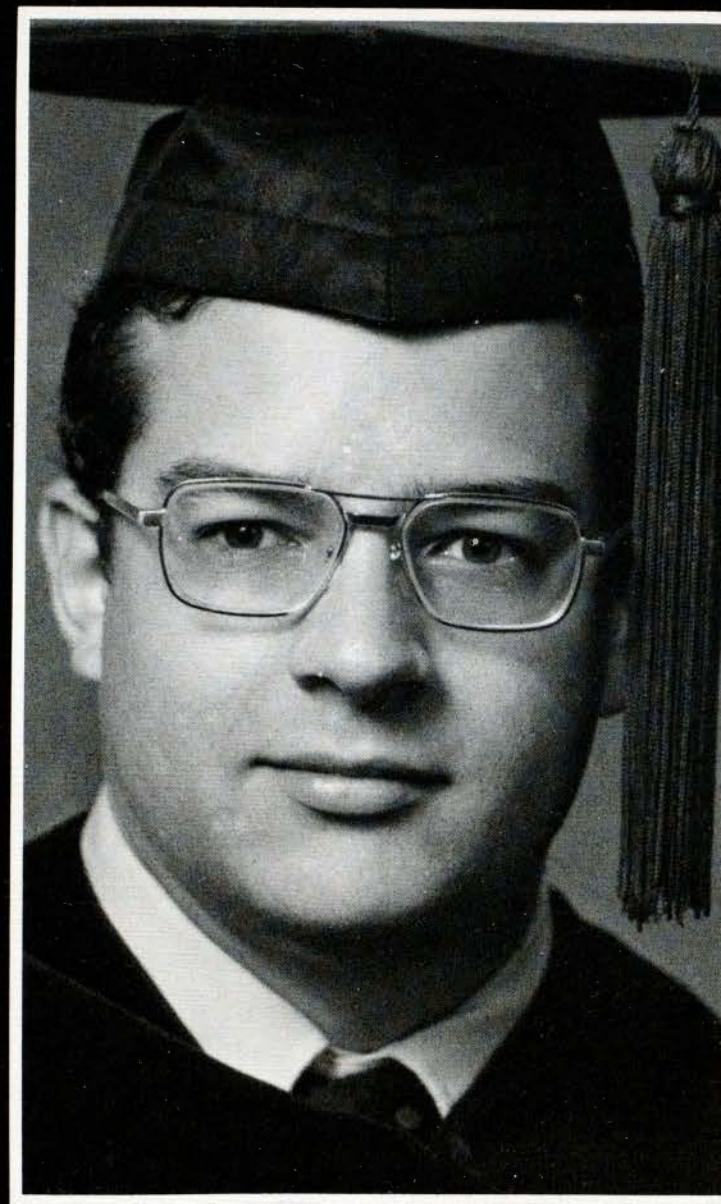
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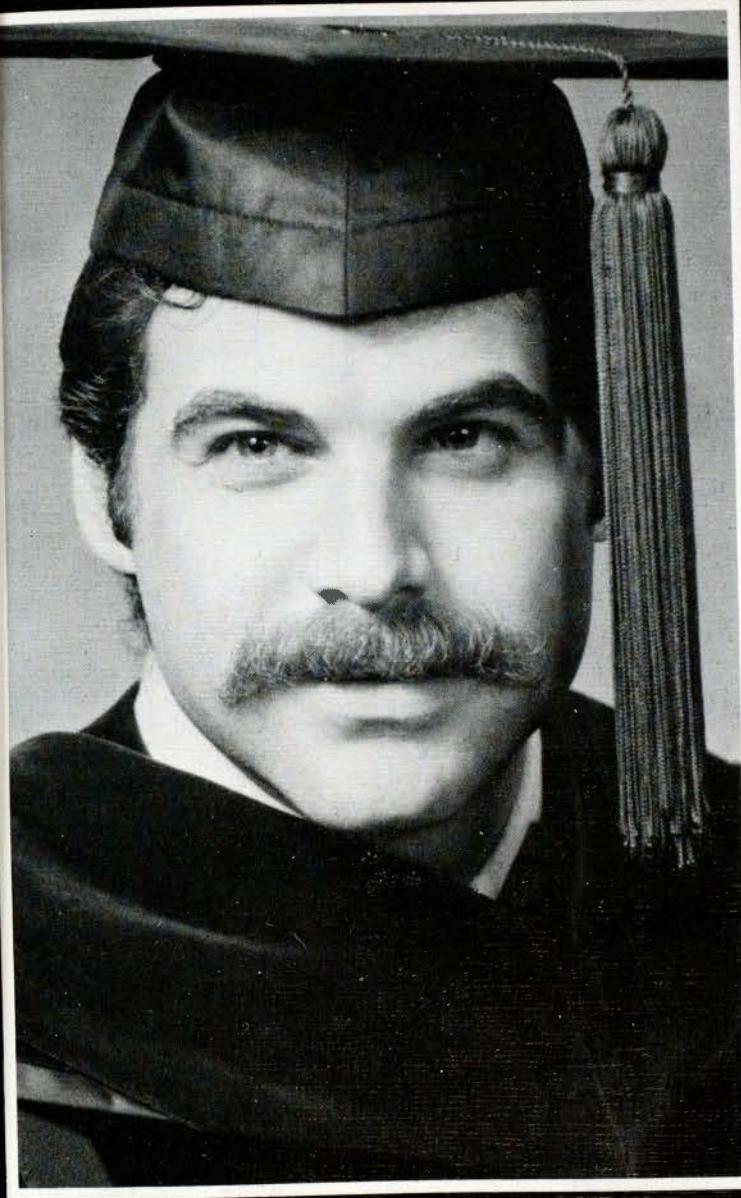
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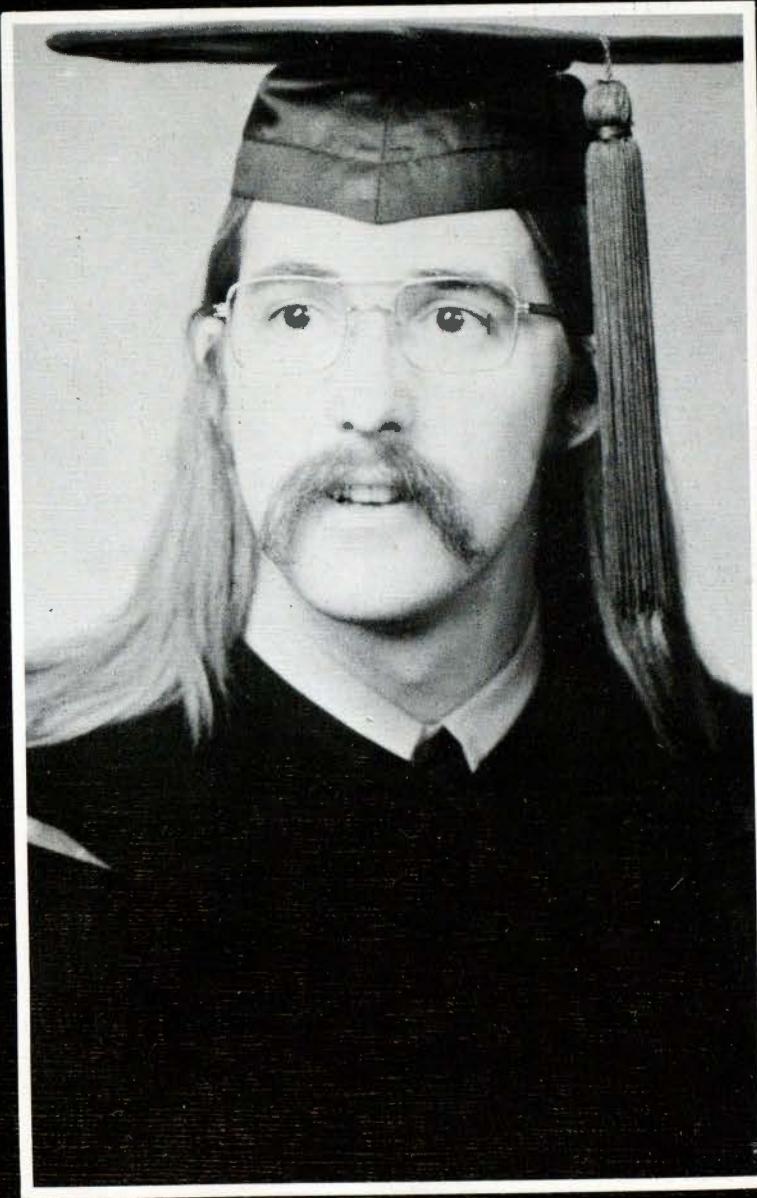
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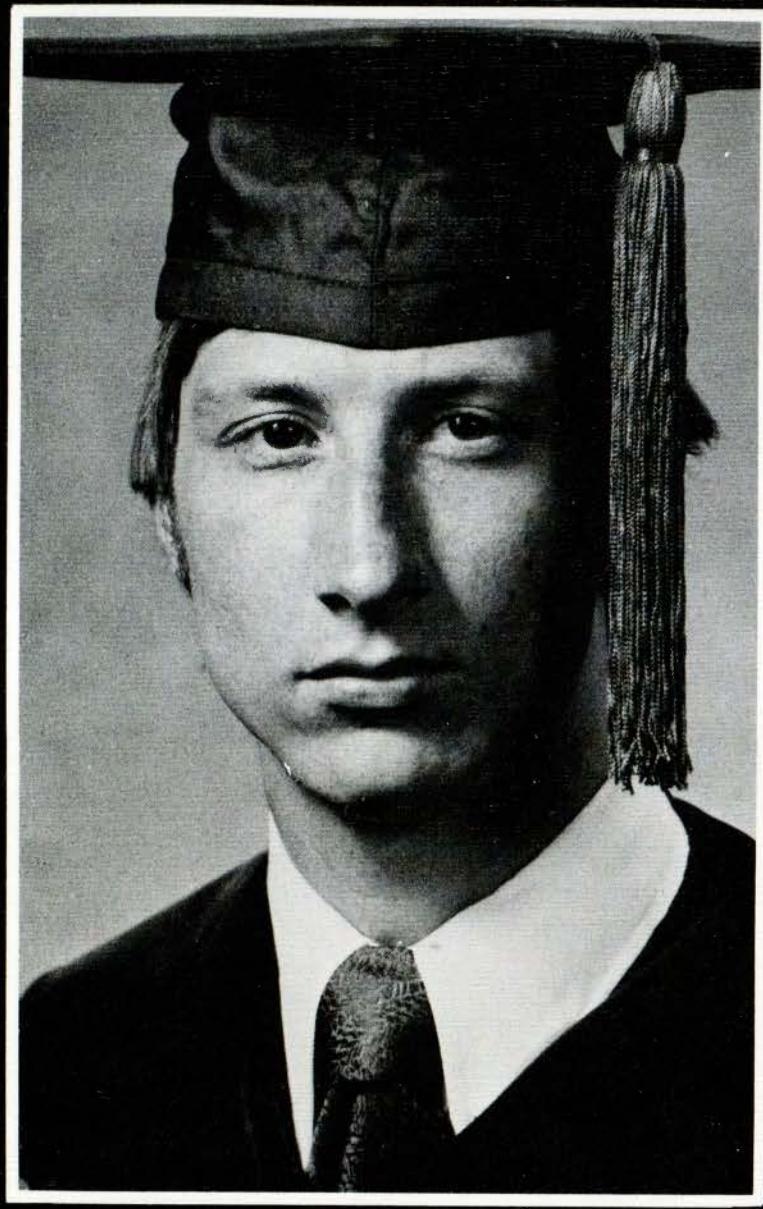
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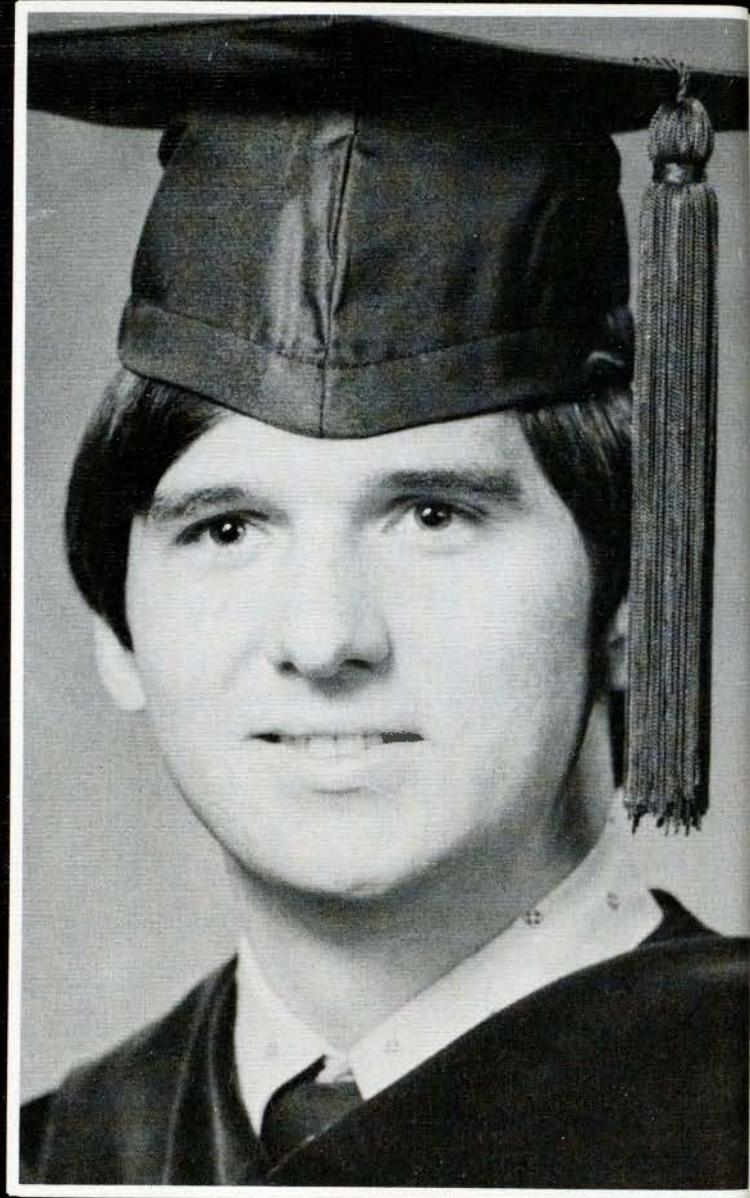
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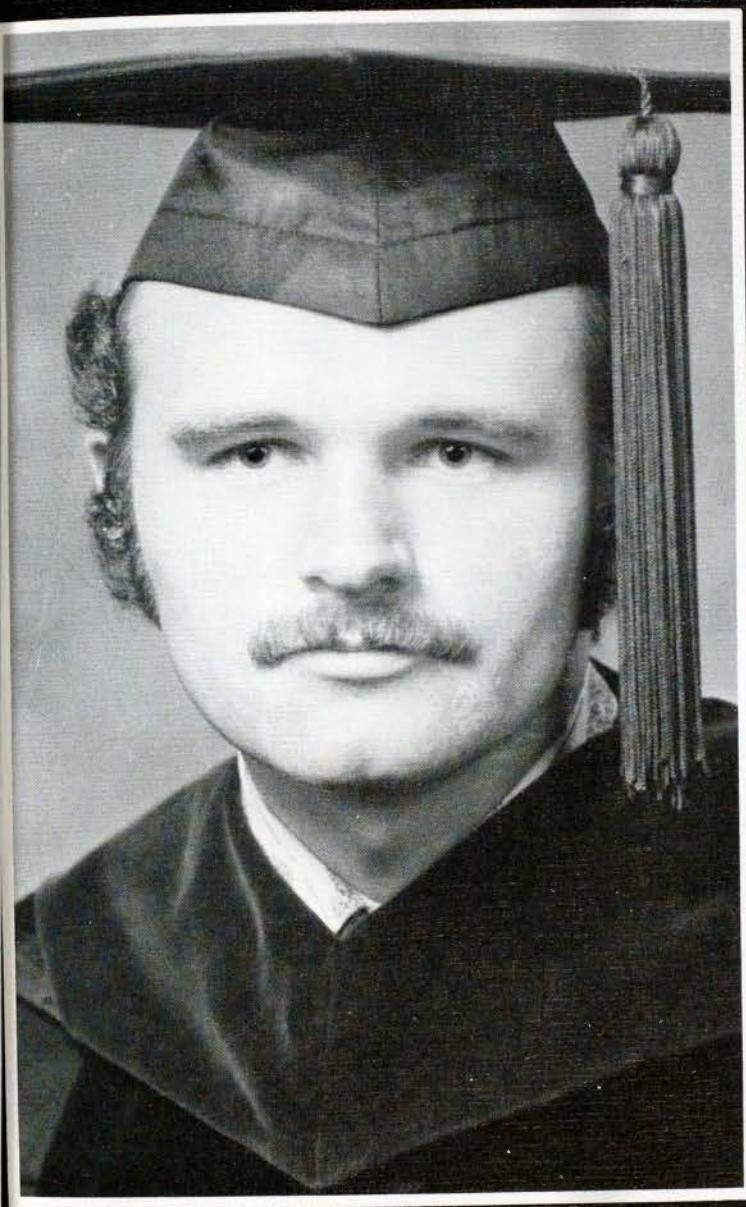
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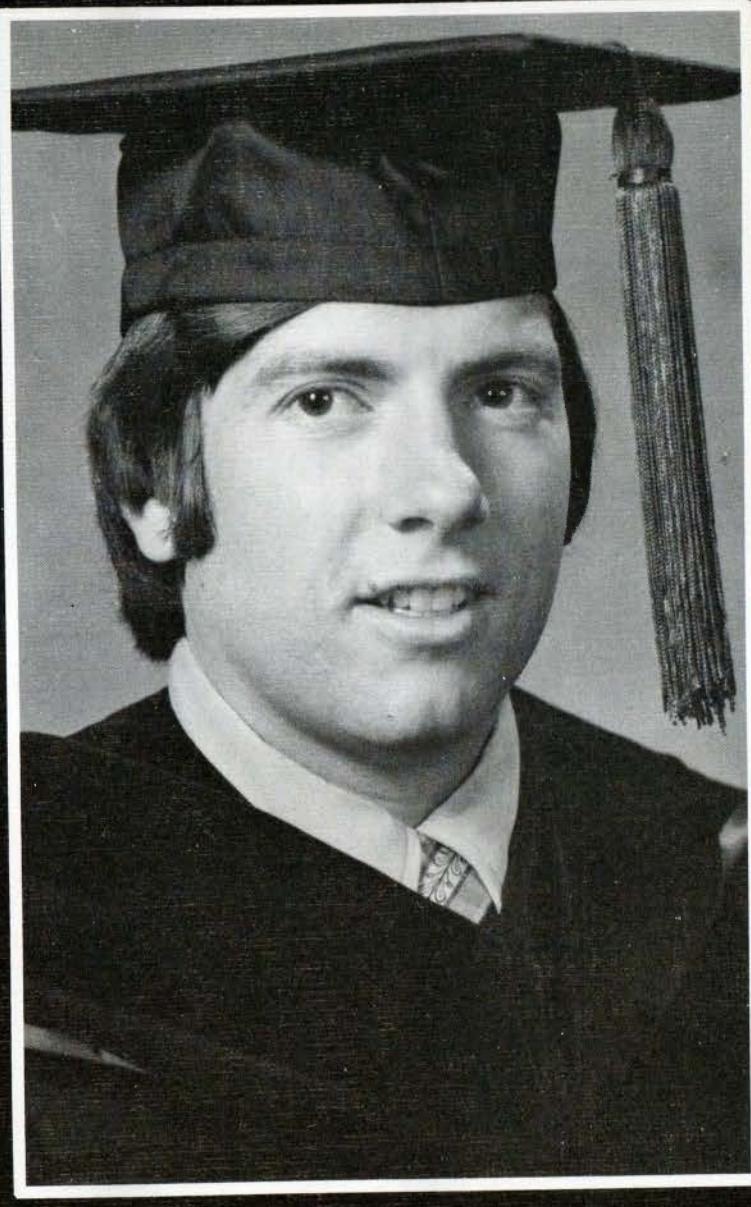


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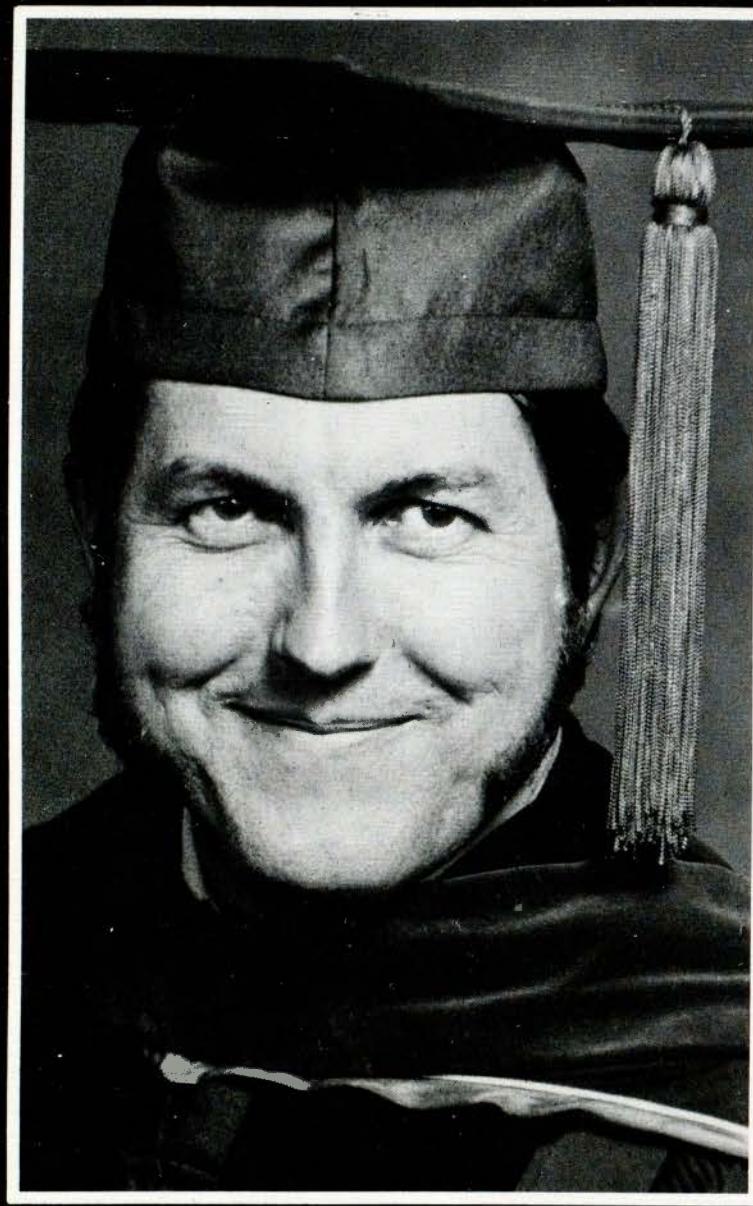
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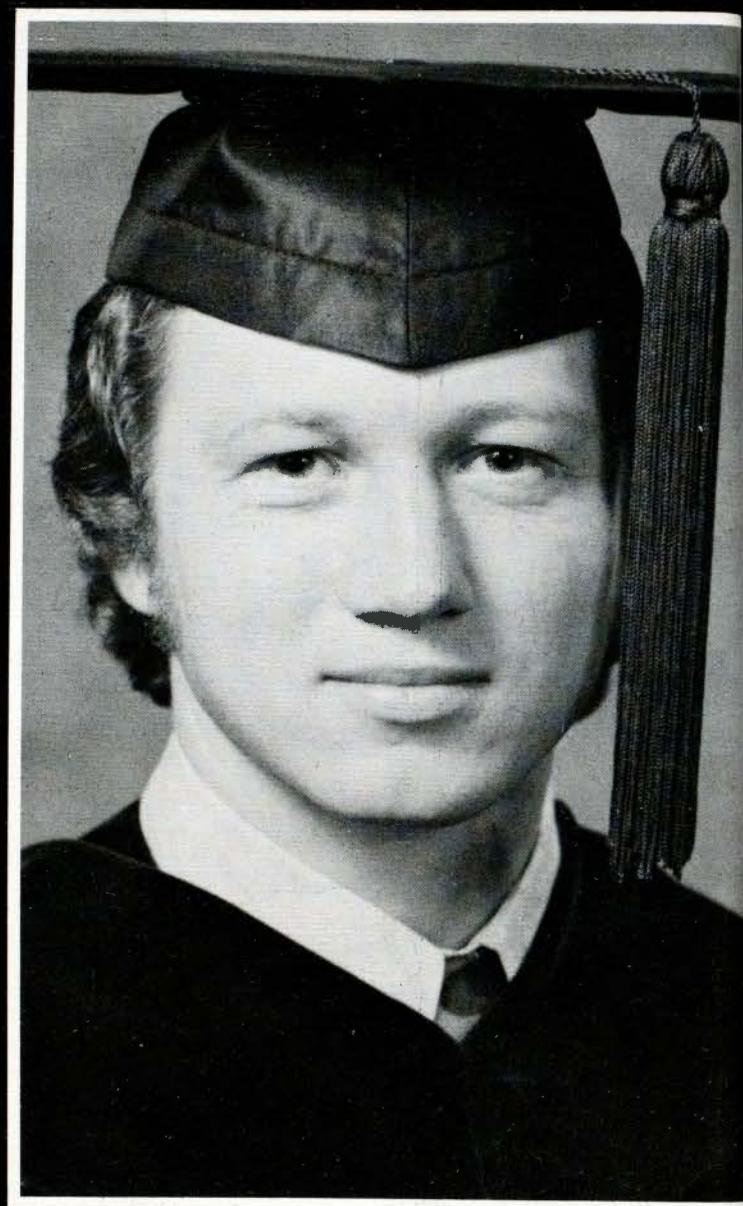


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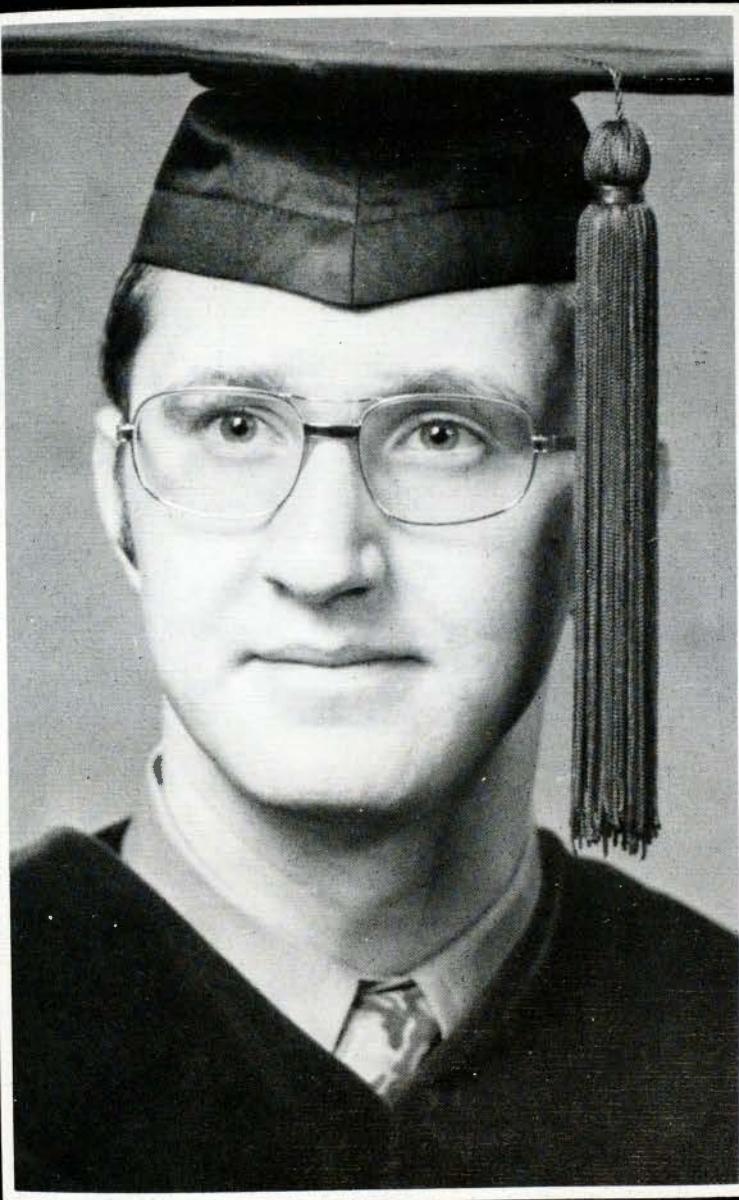
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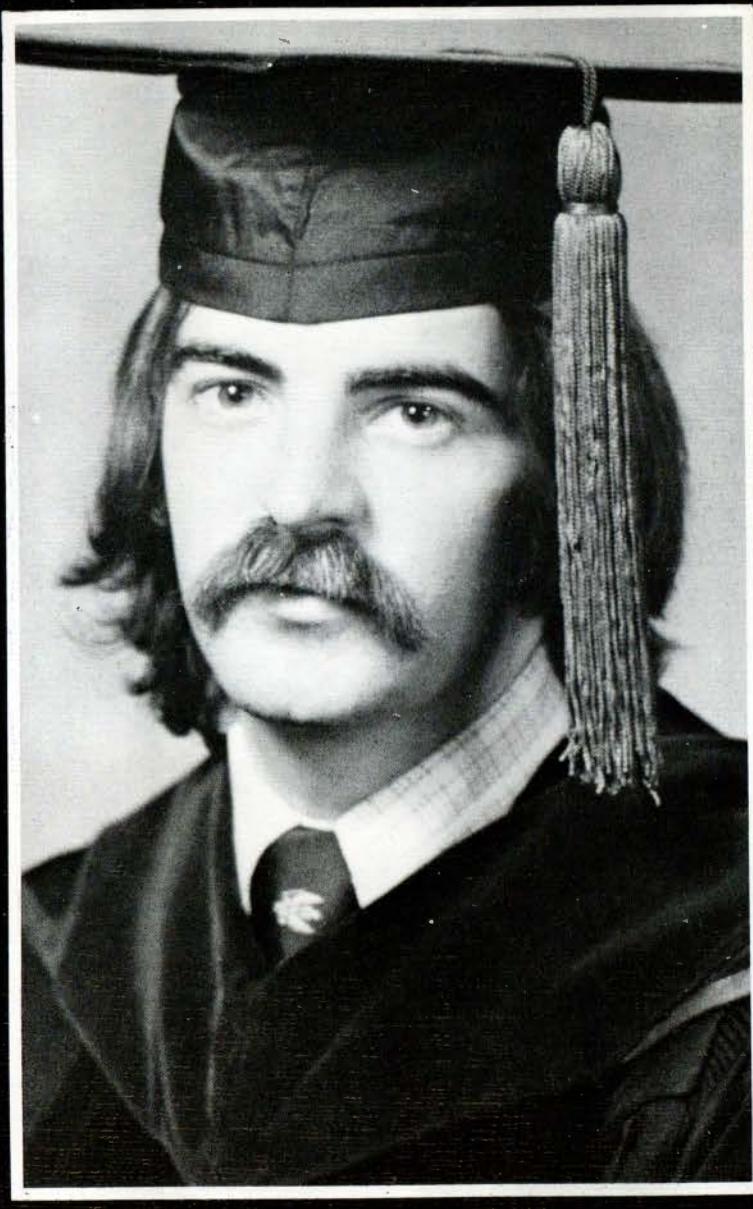


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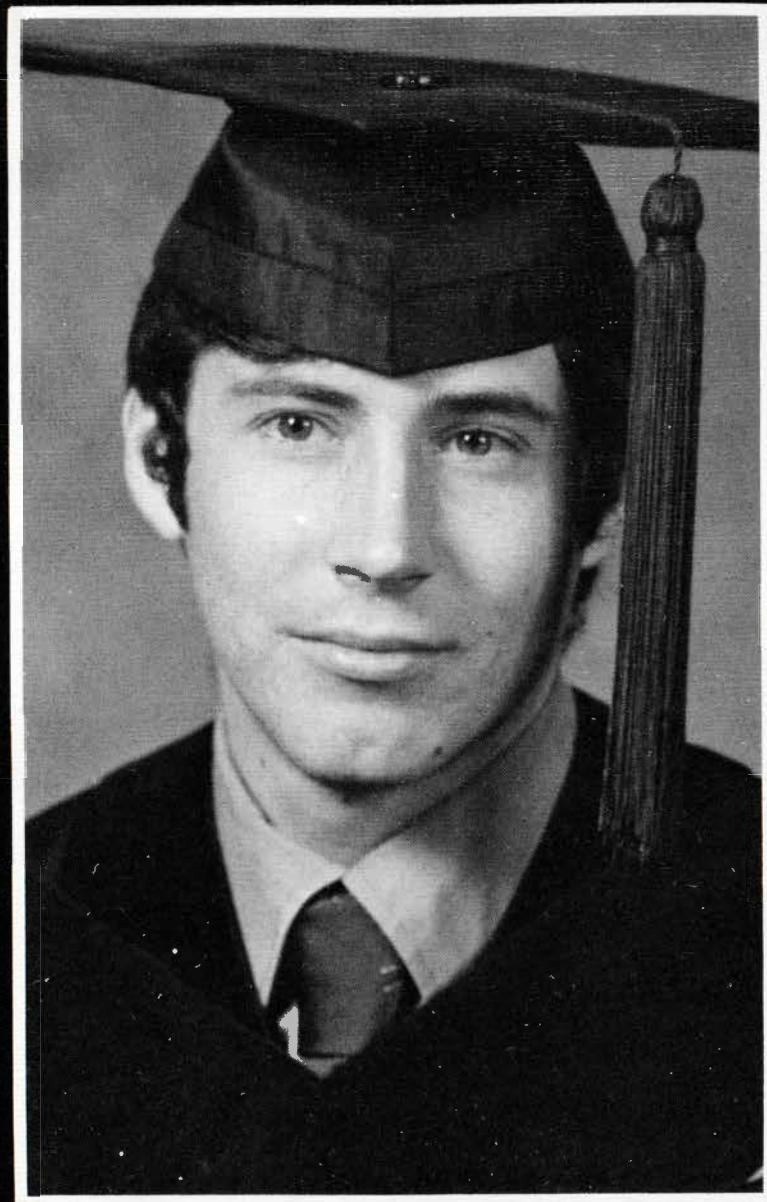
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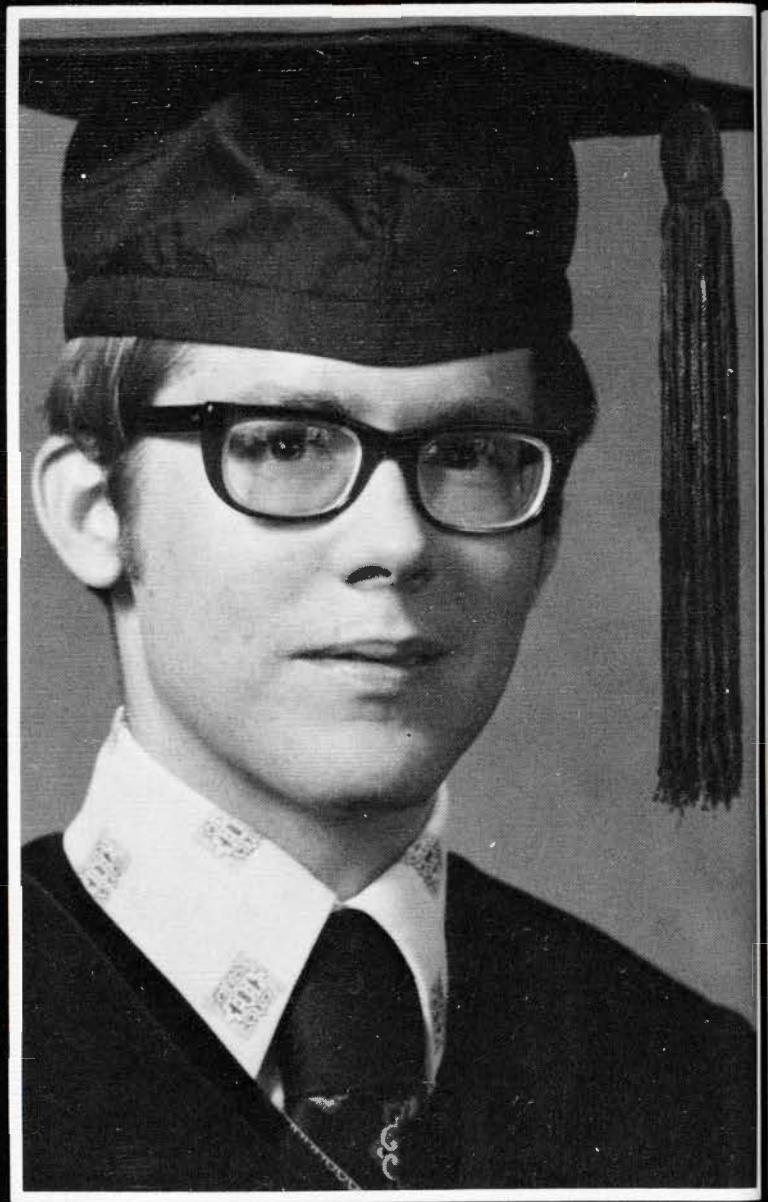
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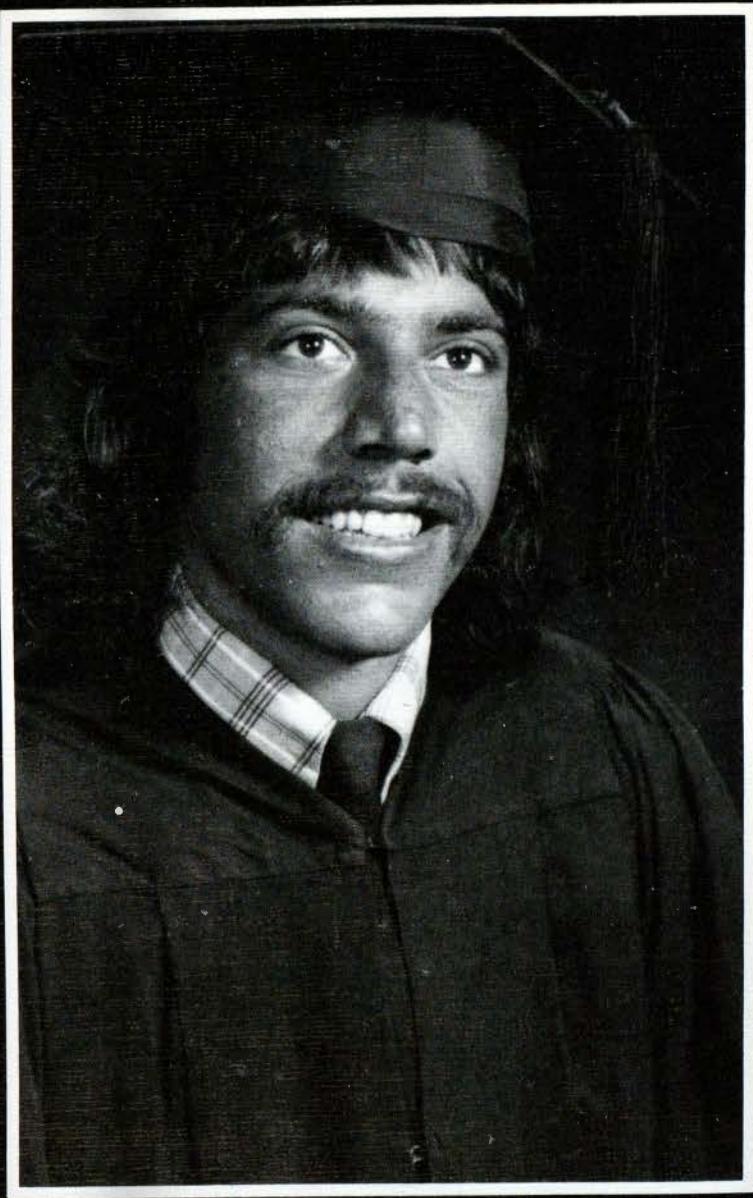
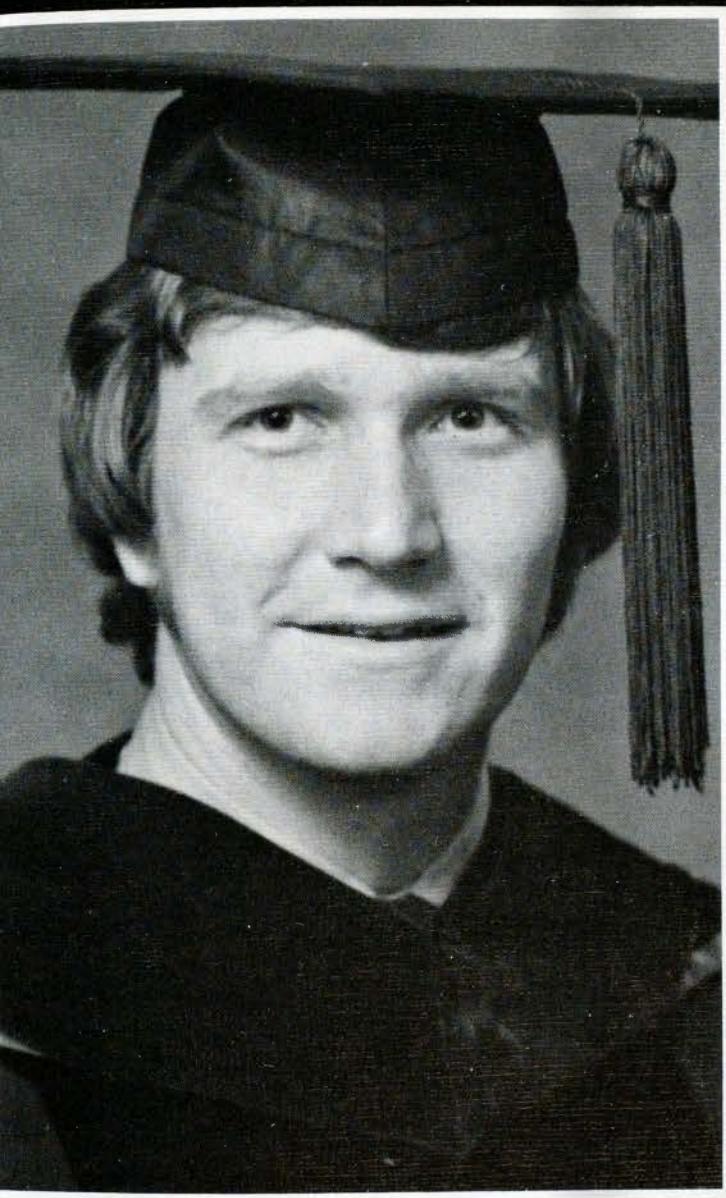
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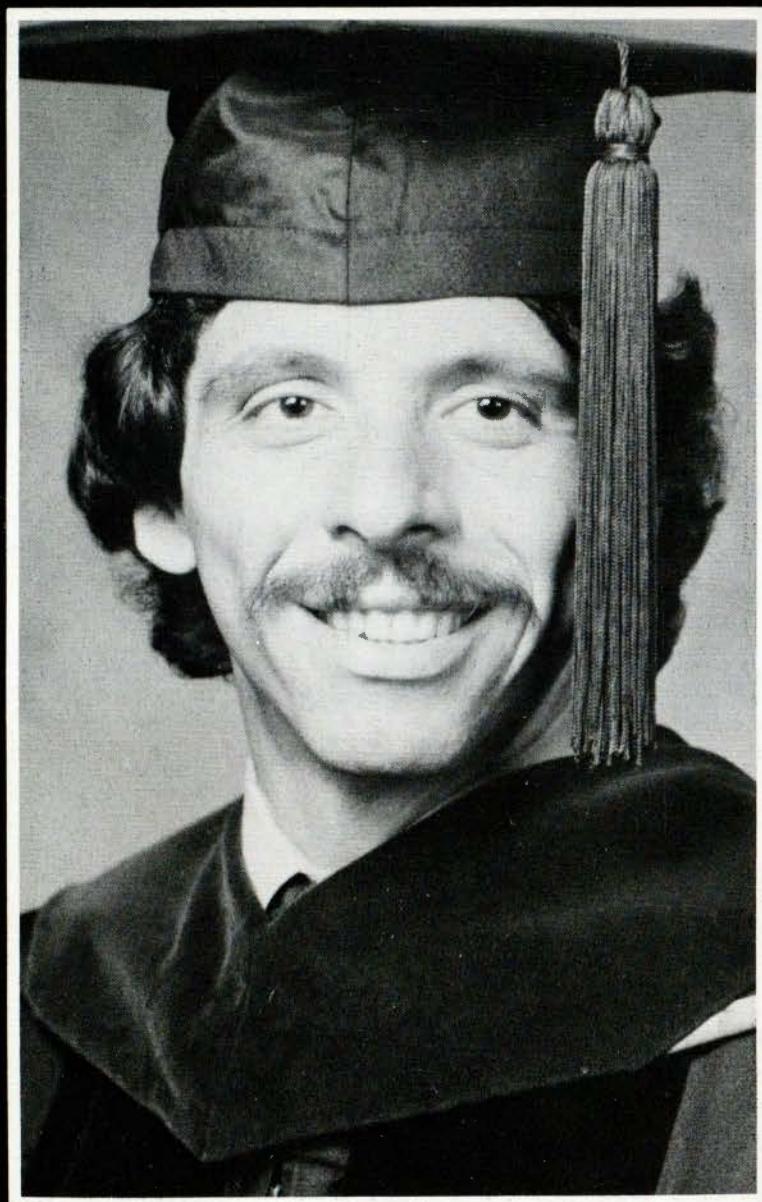


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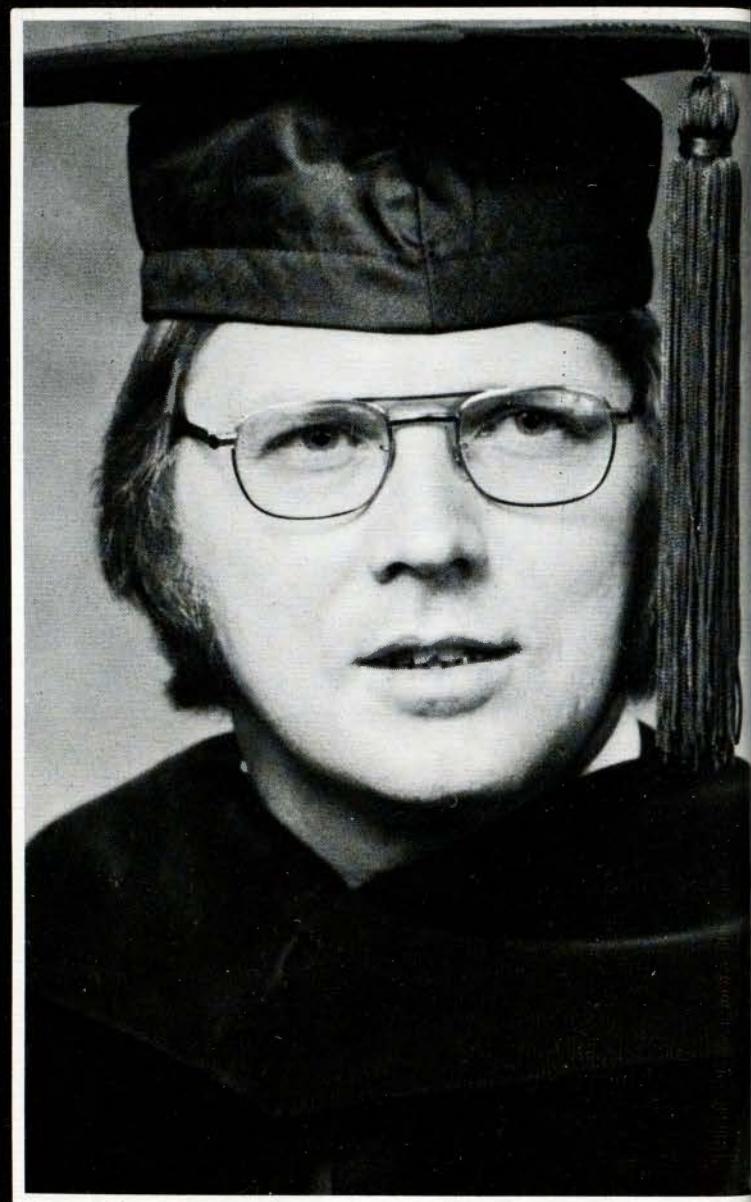


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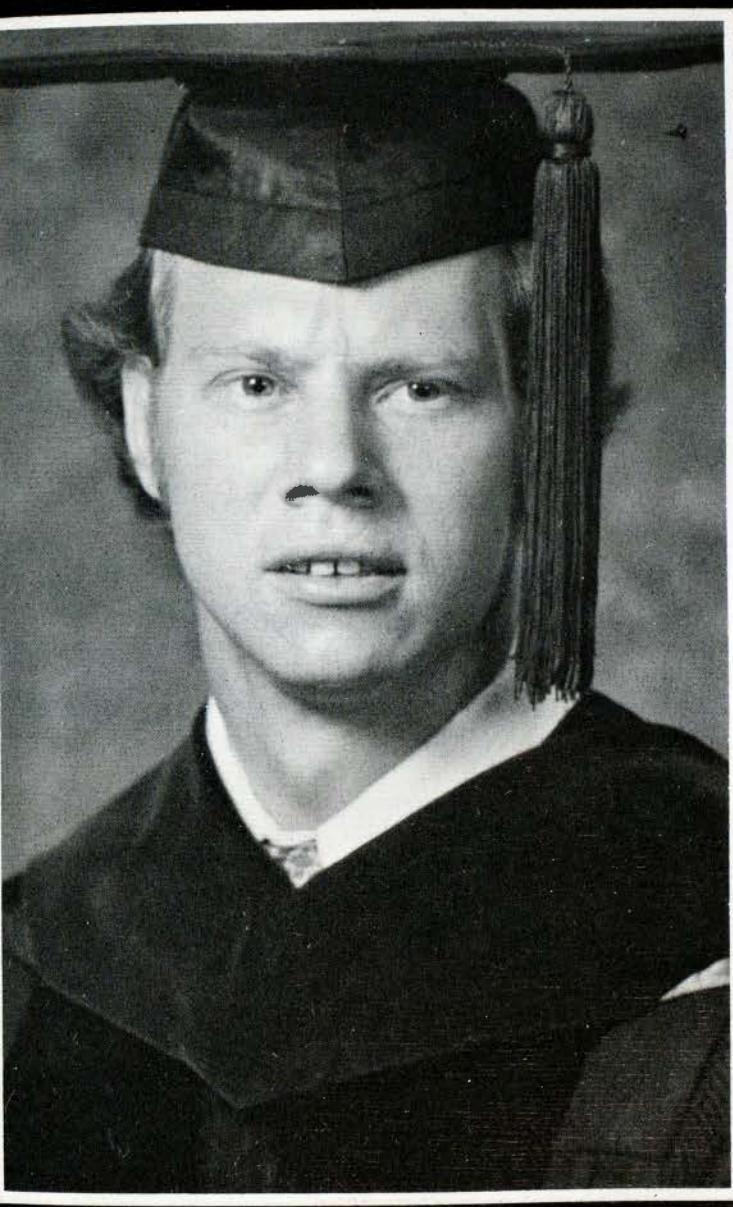
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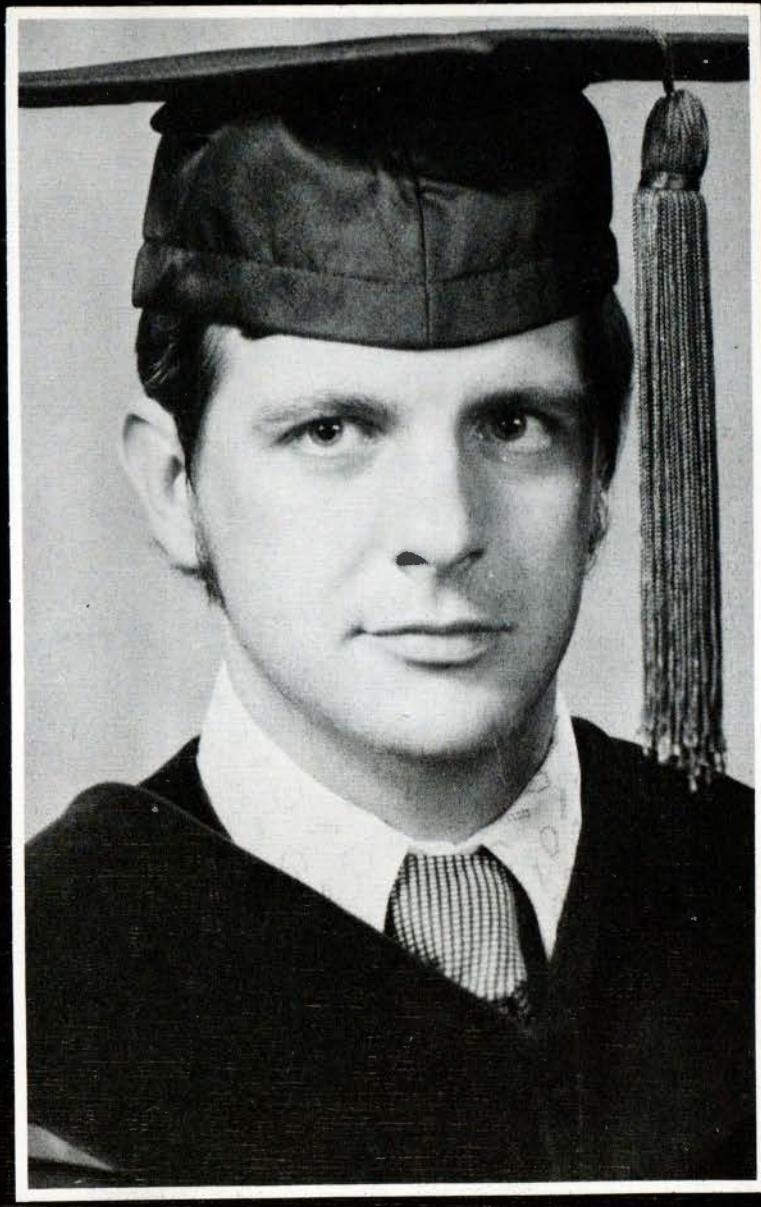
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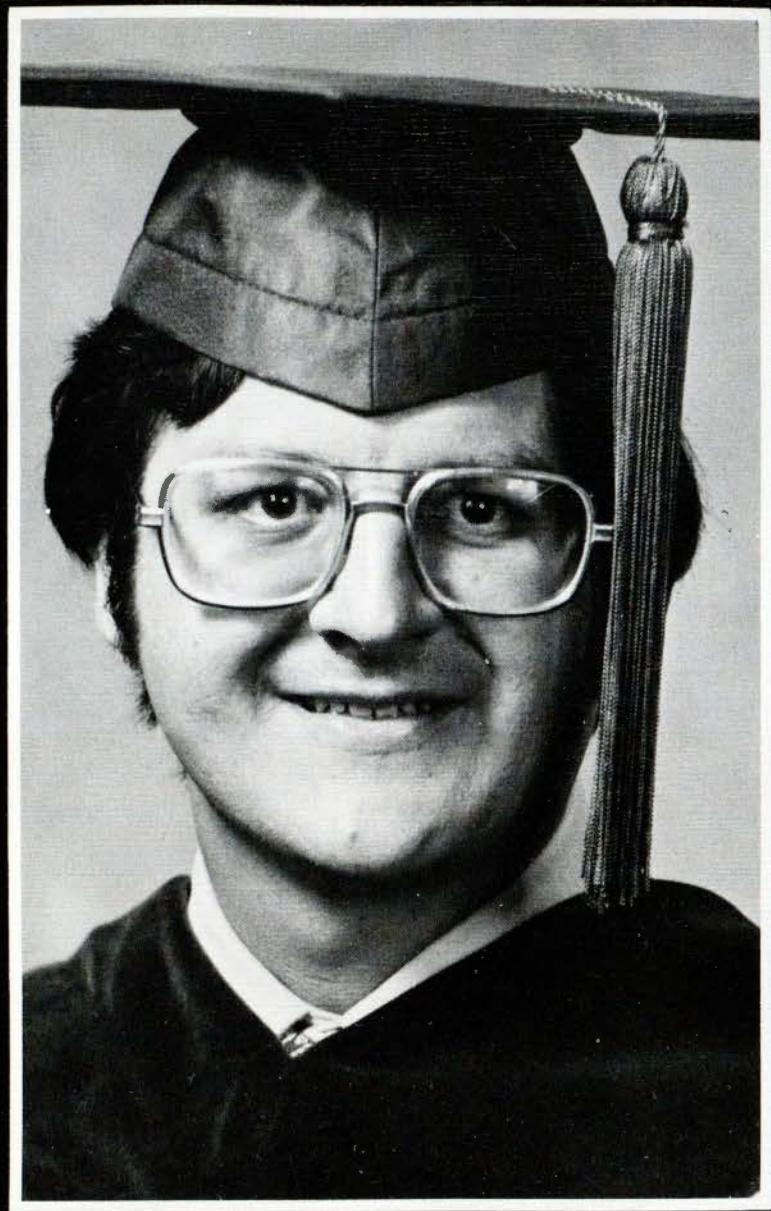
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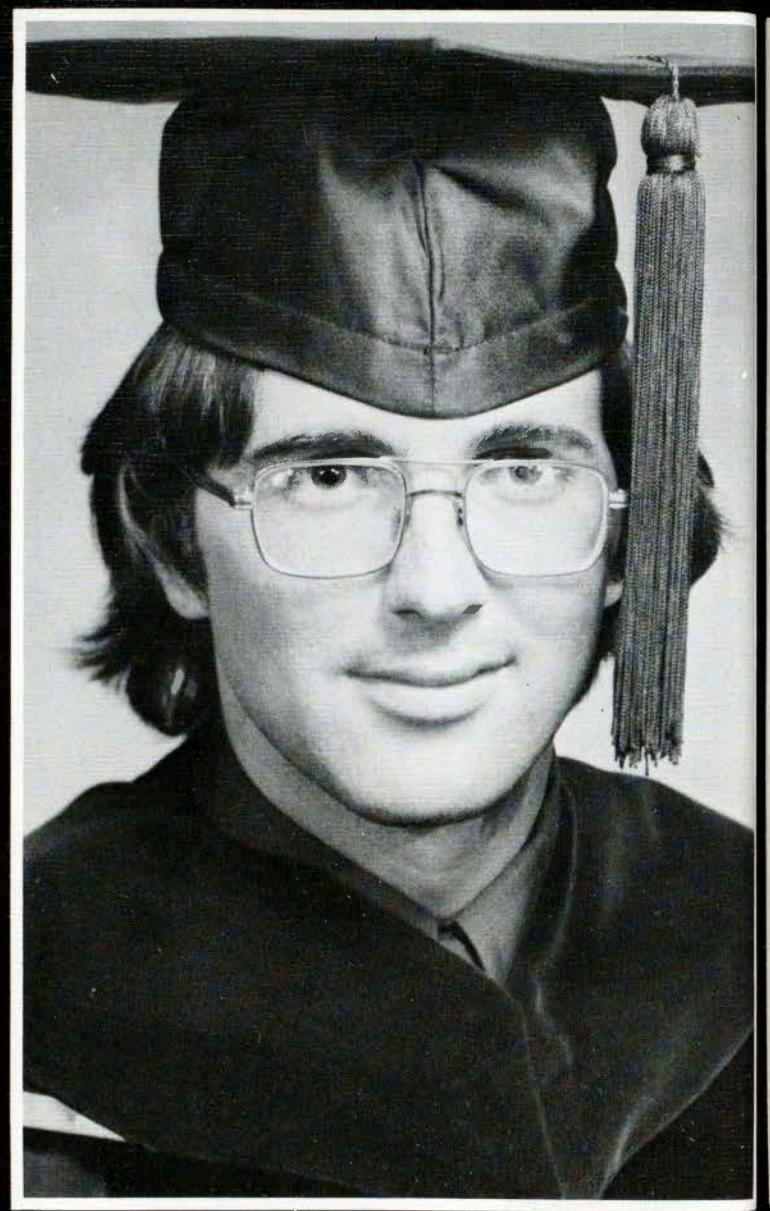


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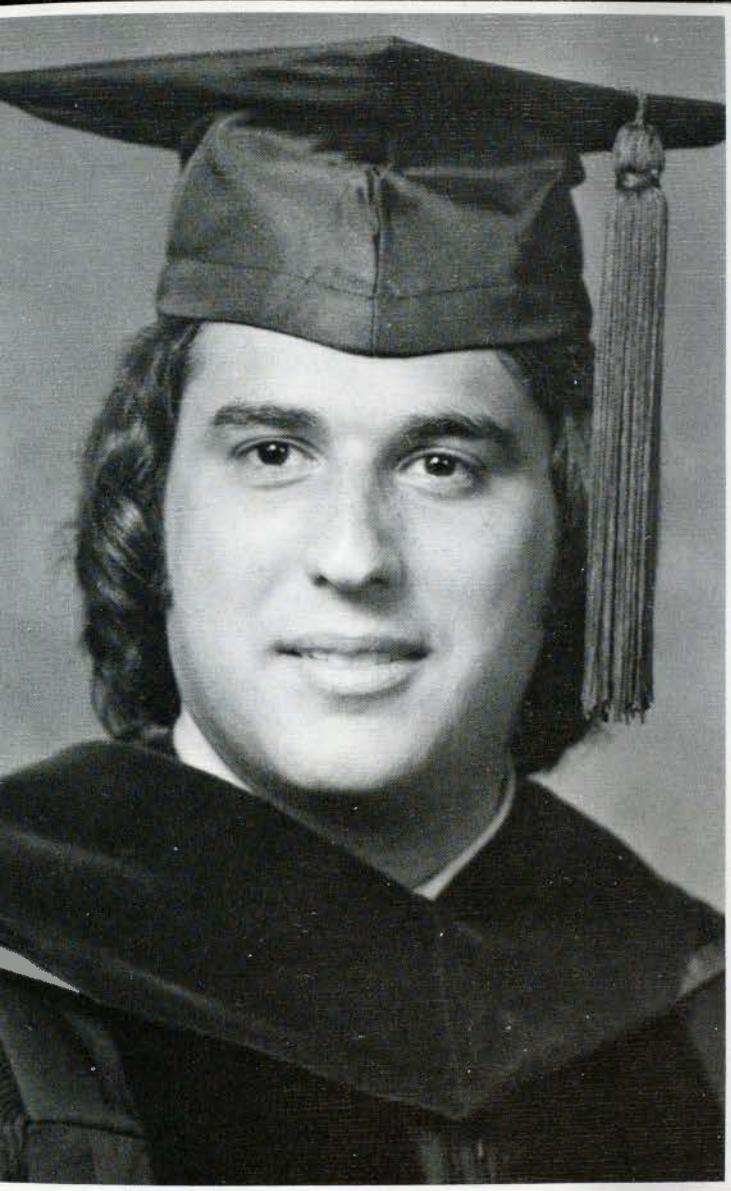
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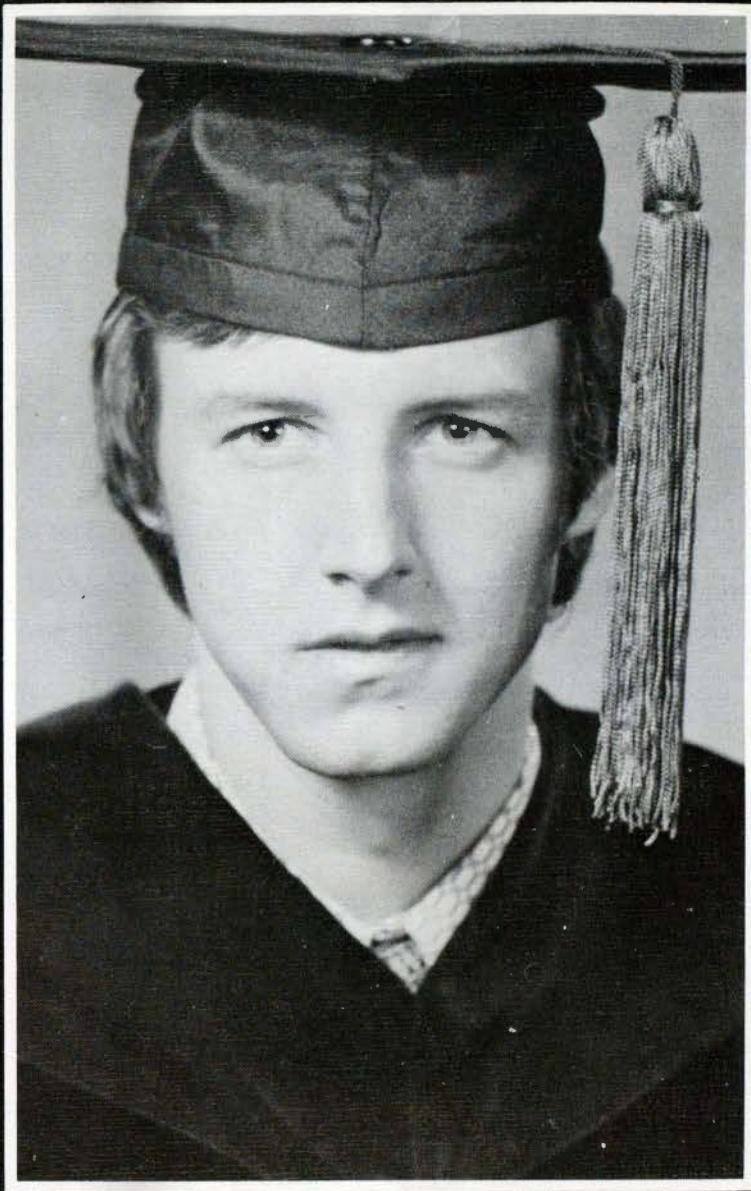
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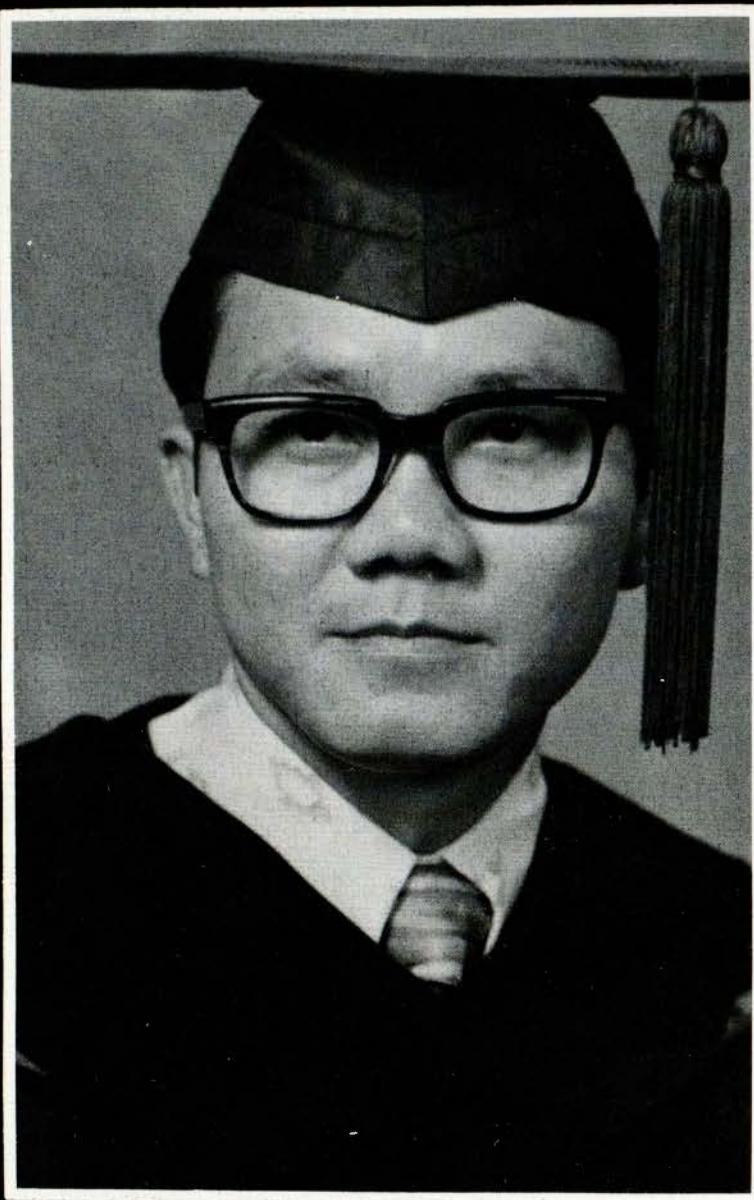
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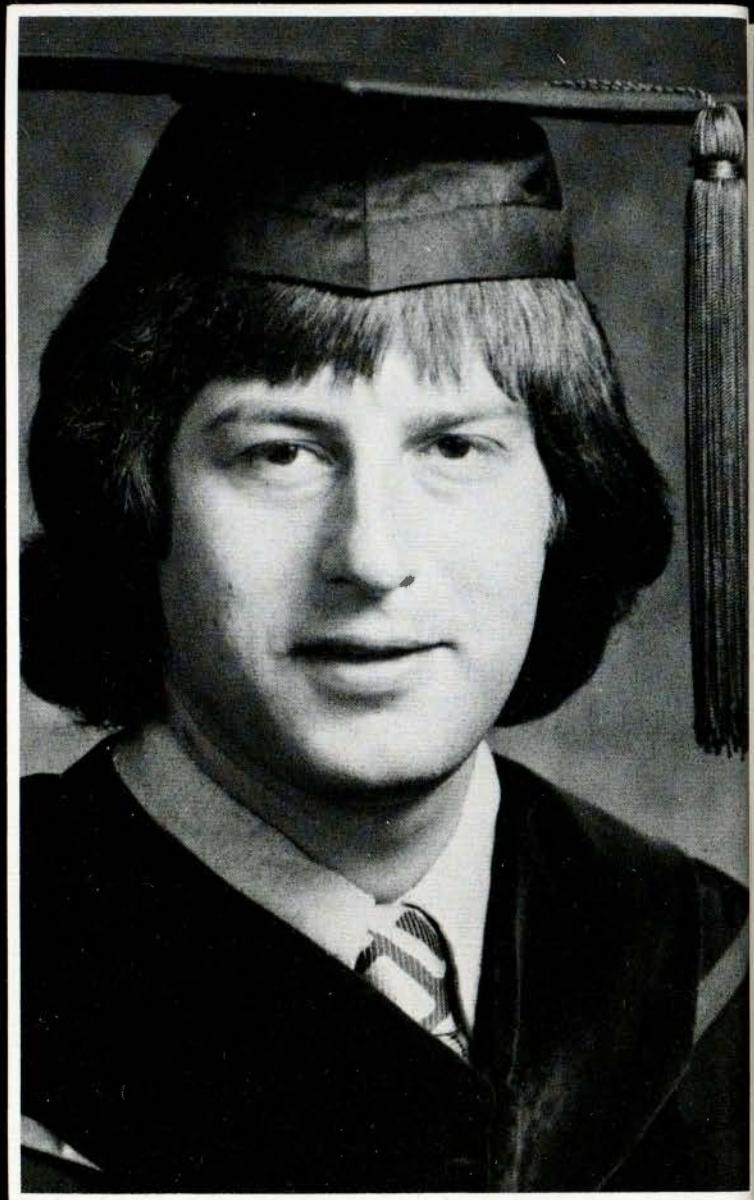


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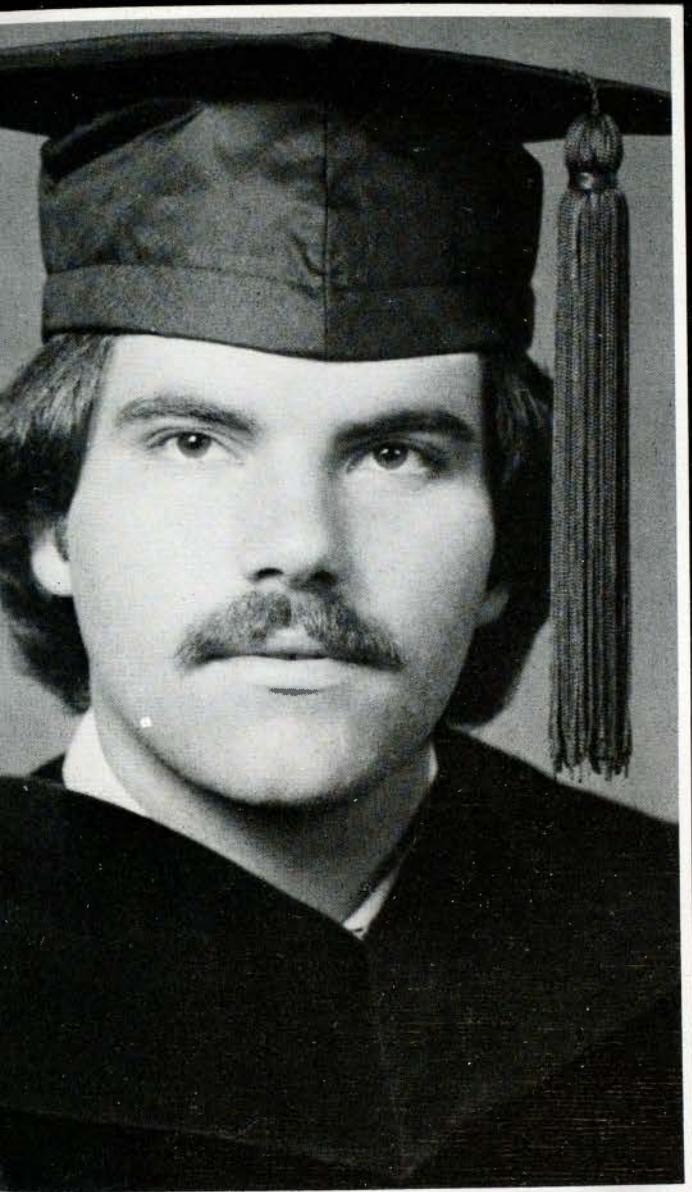
Spokane, Washington
B.A., Whitman College
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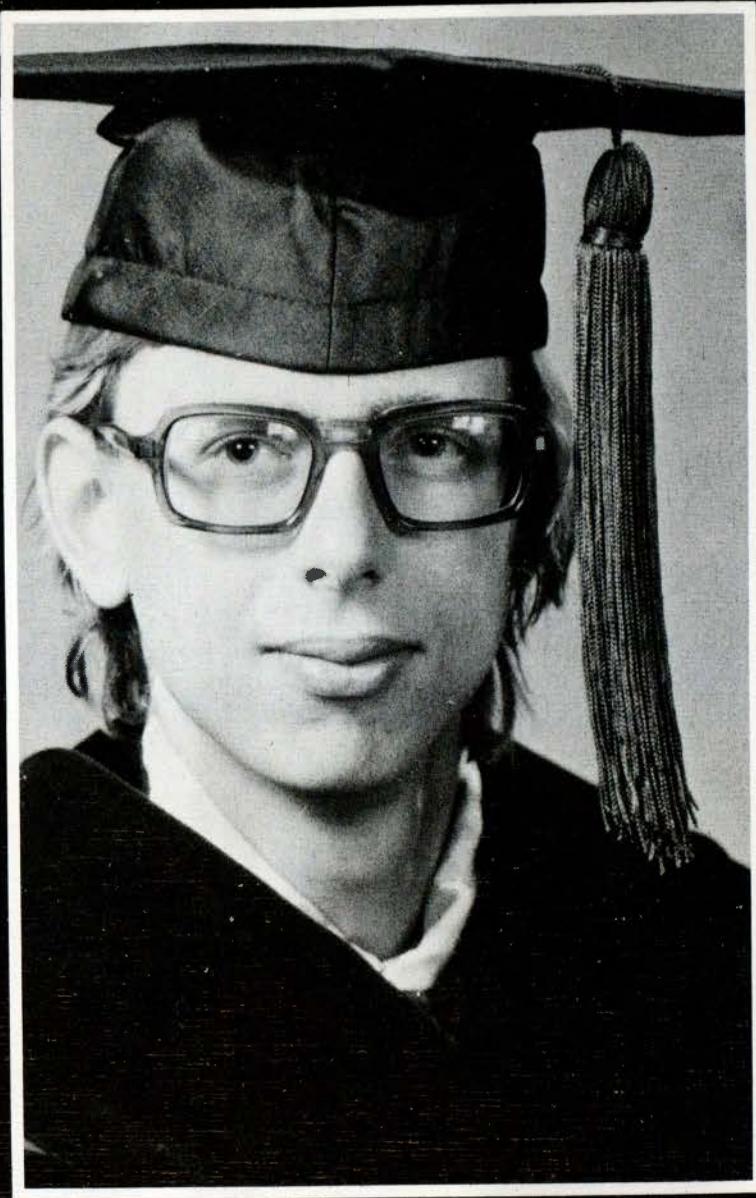
PETER HSU D.O.
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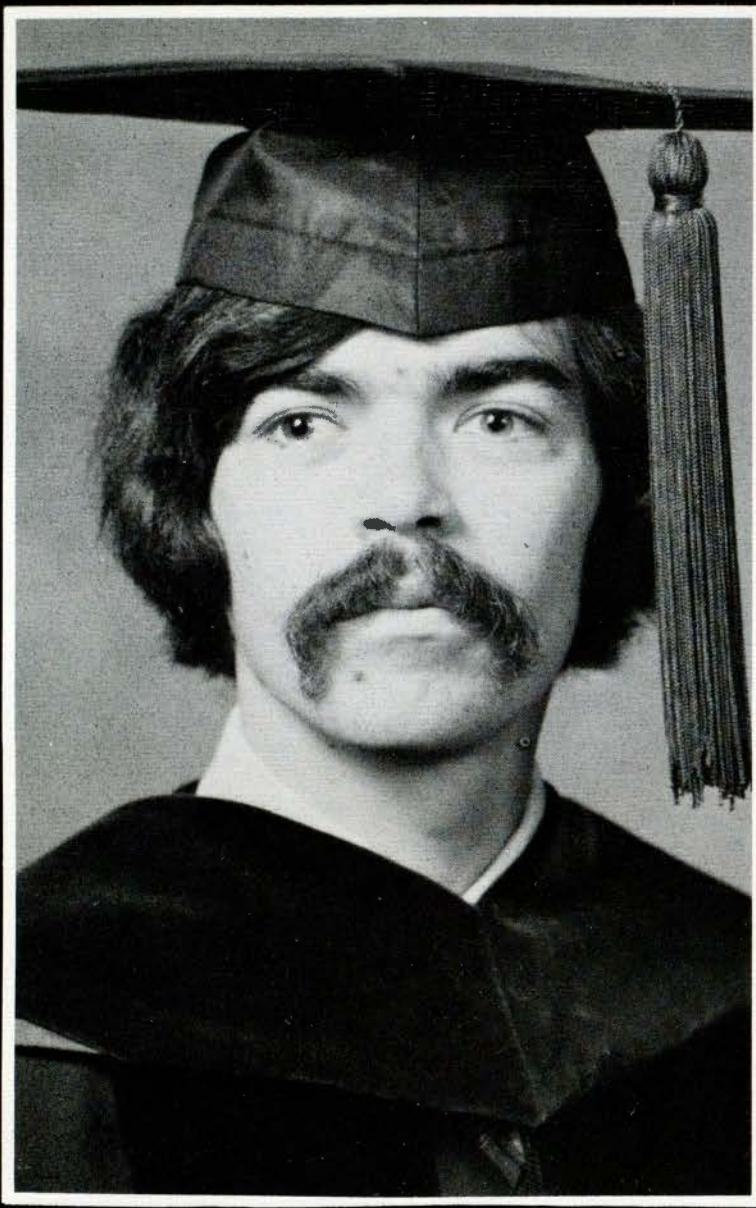
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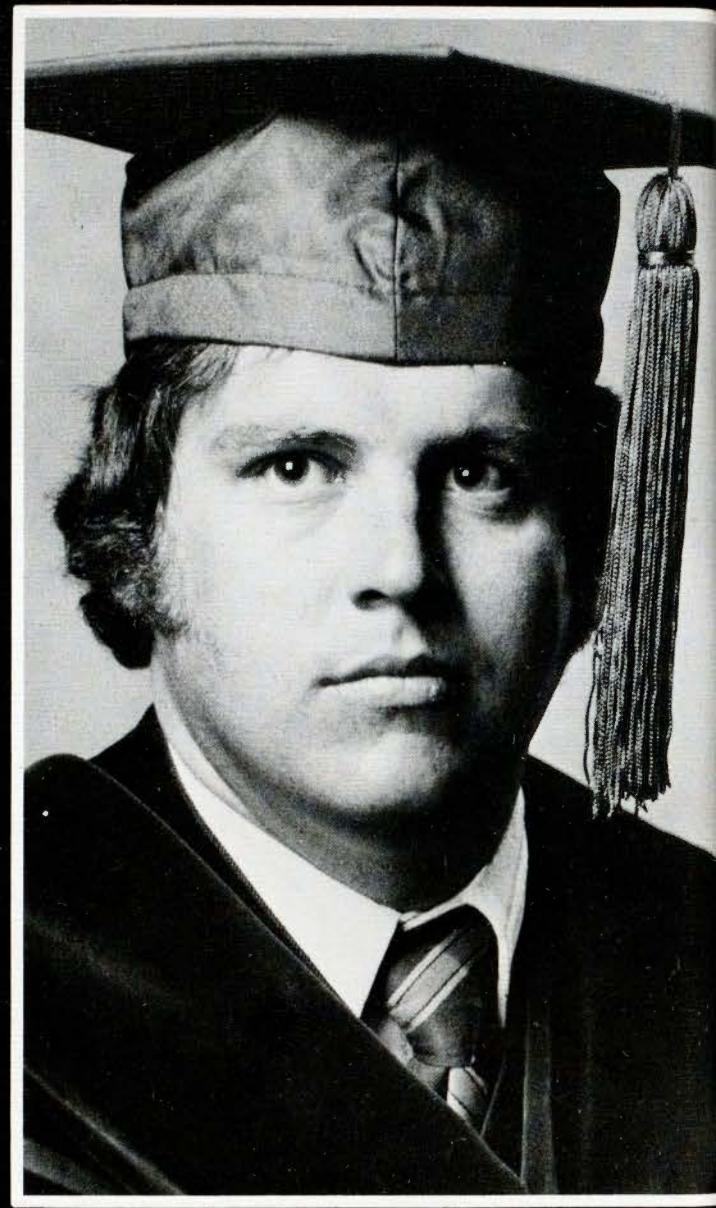
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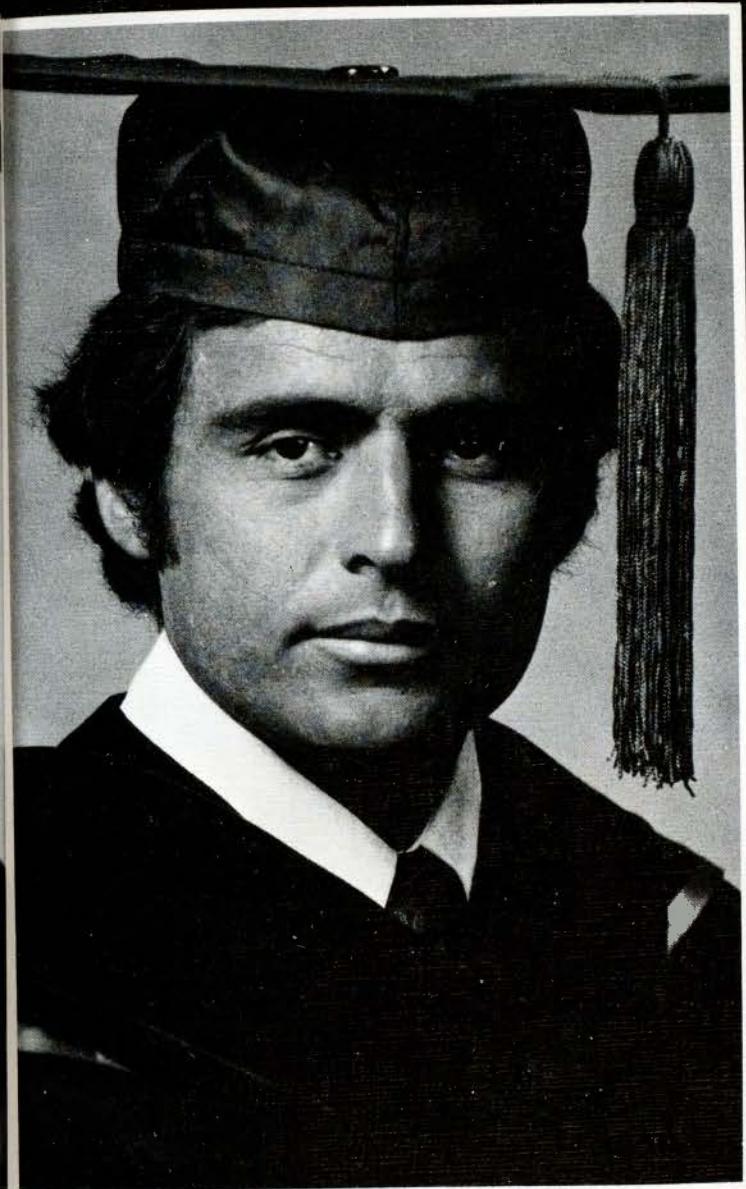


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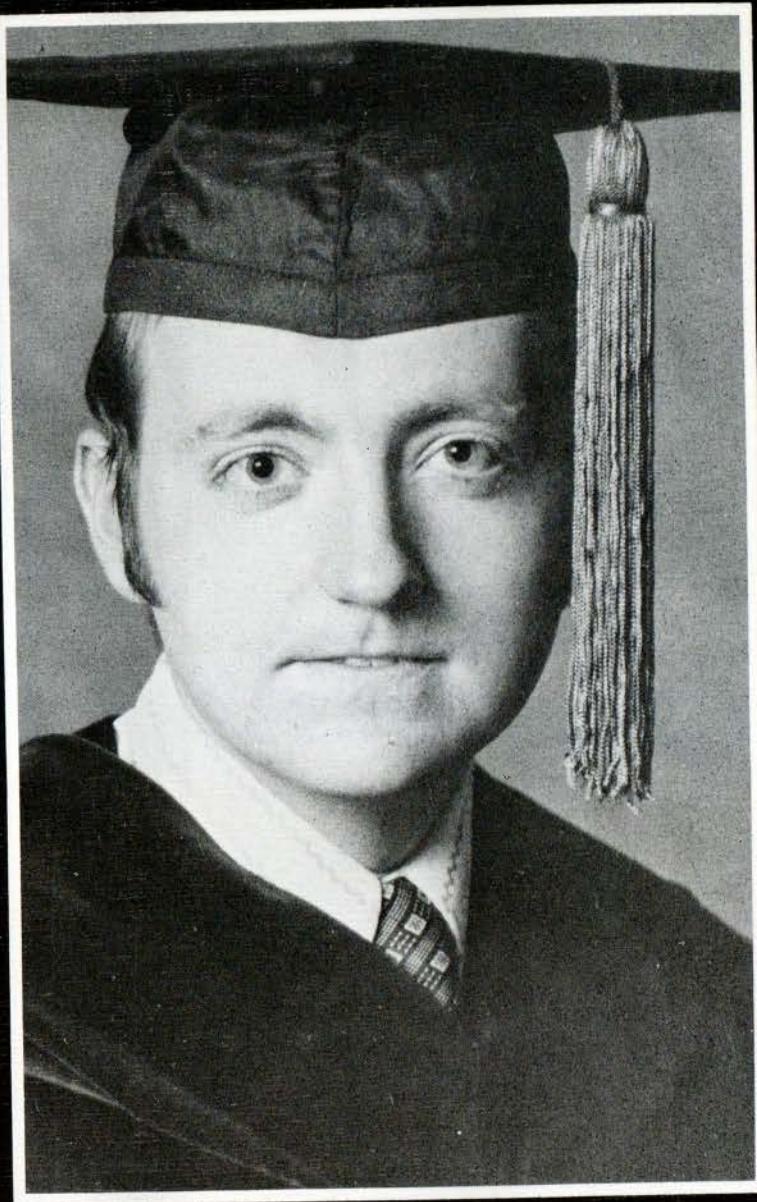
B.S., East Texas State University



TERRY KANNING, D.O.

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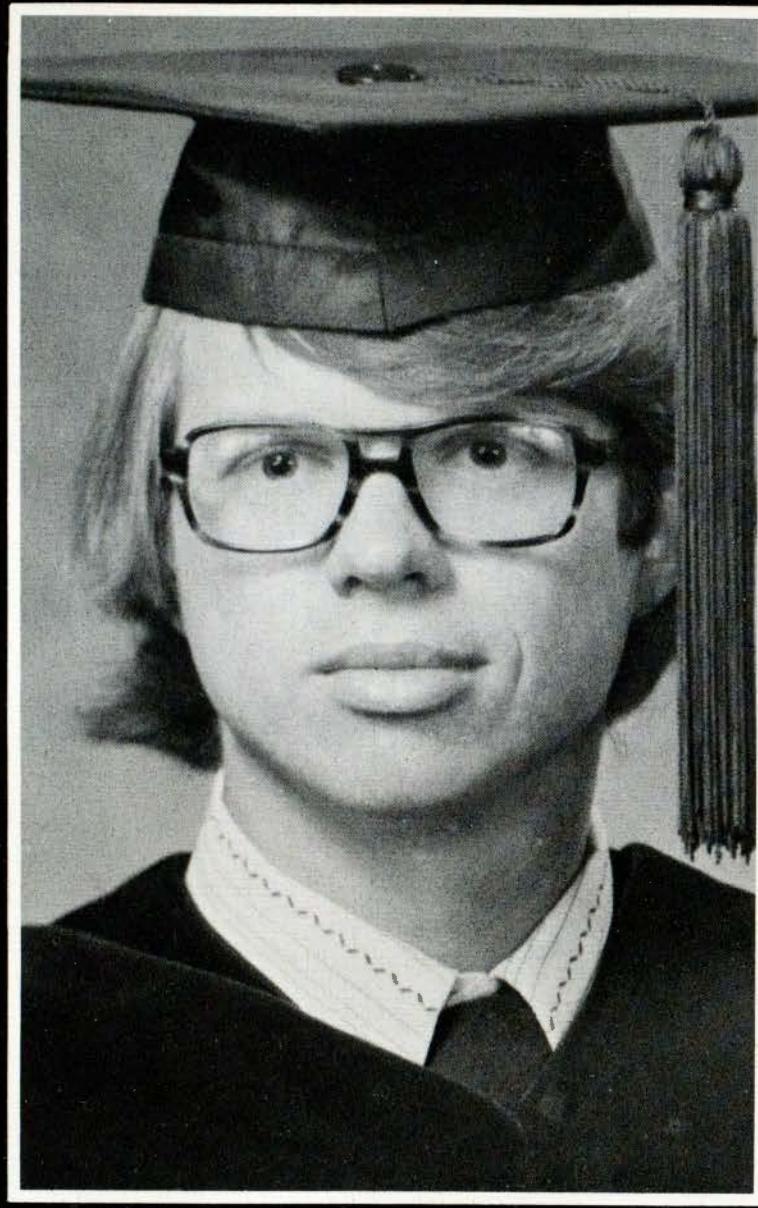
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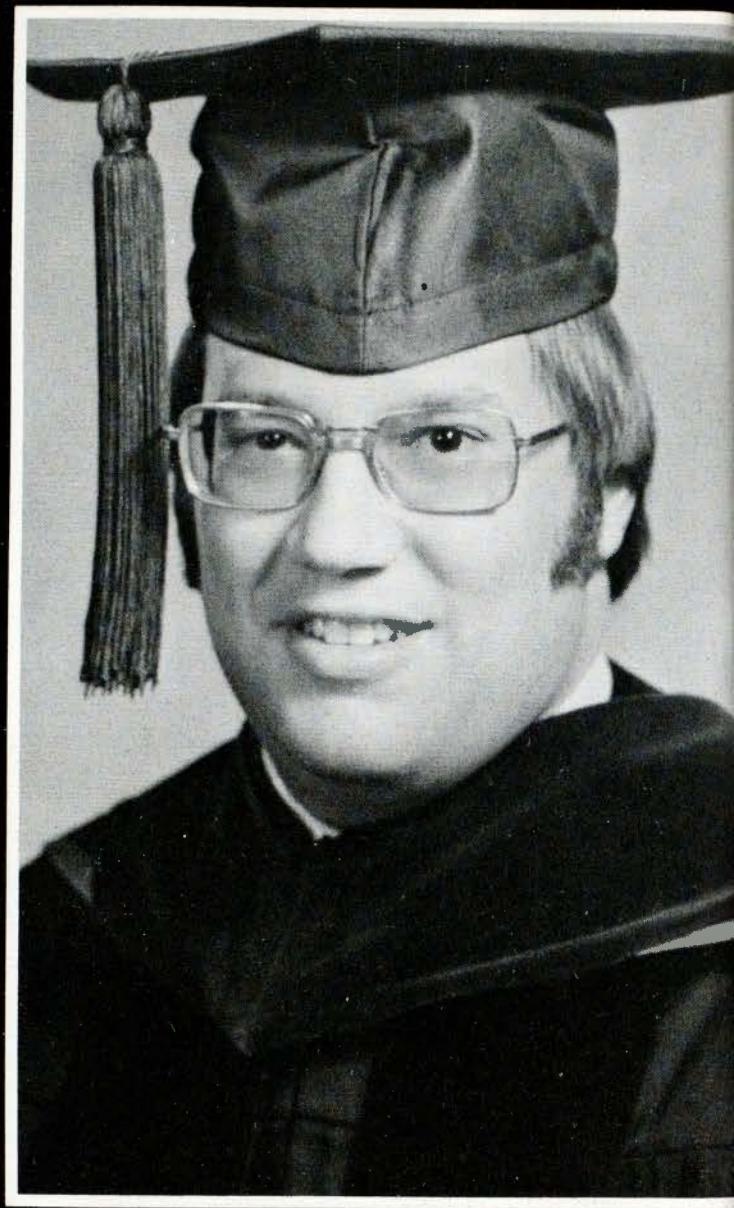
UAAO

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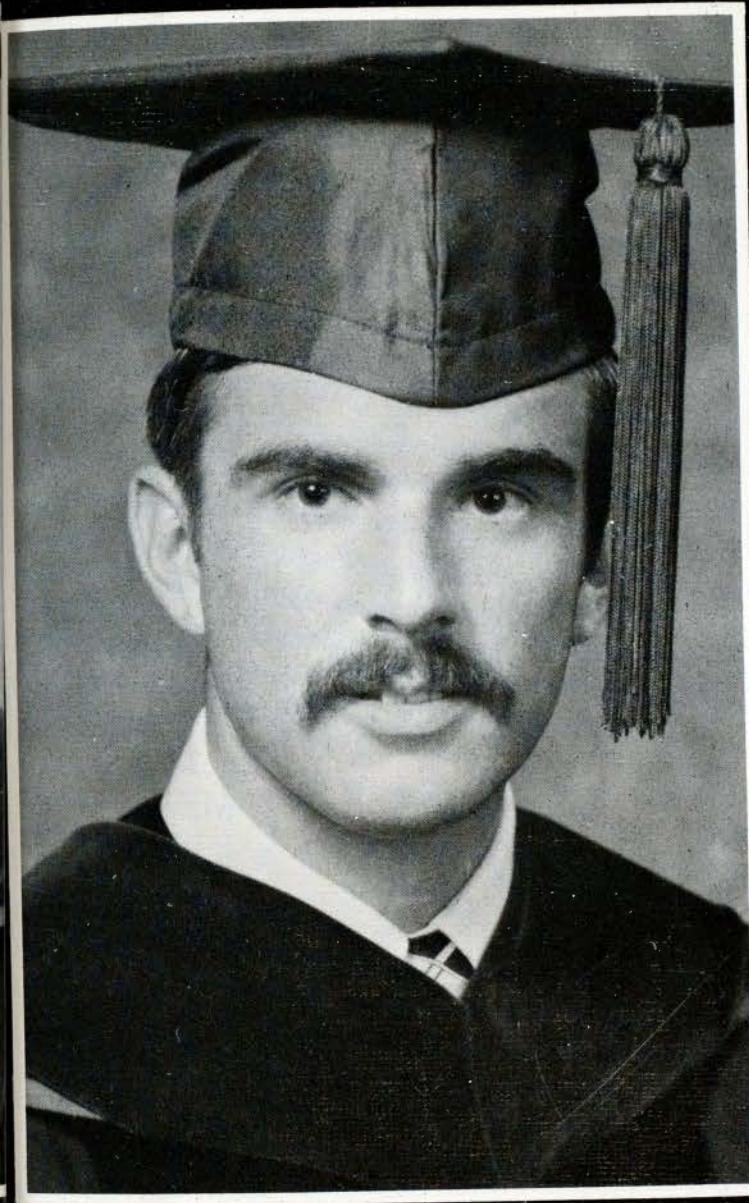
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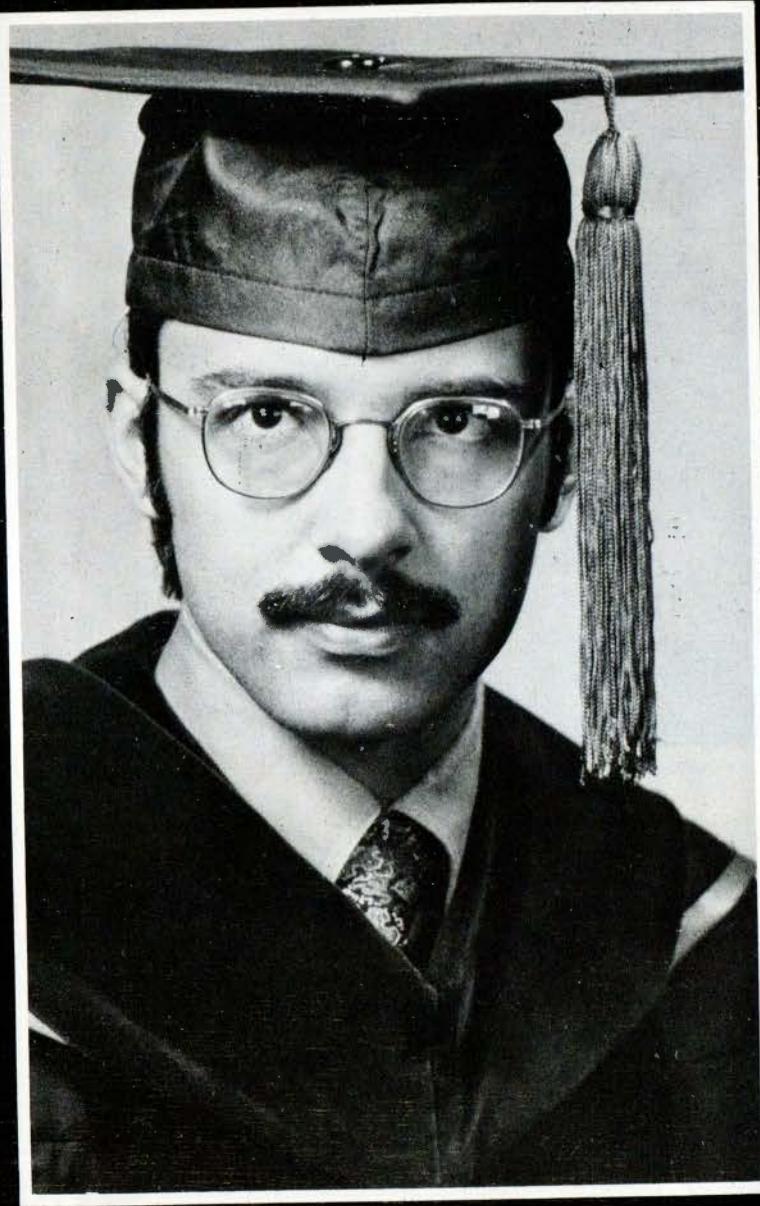
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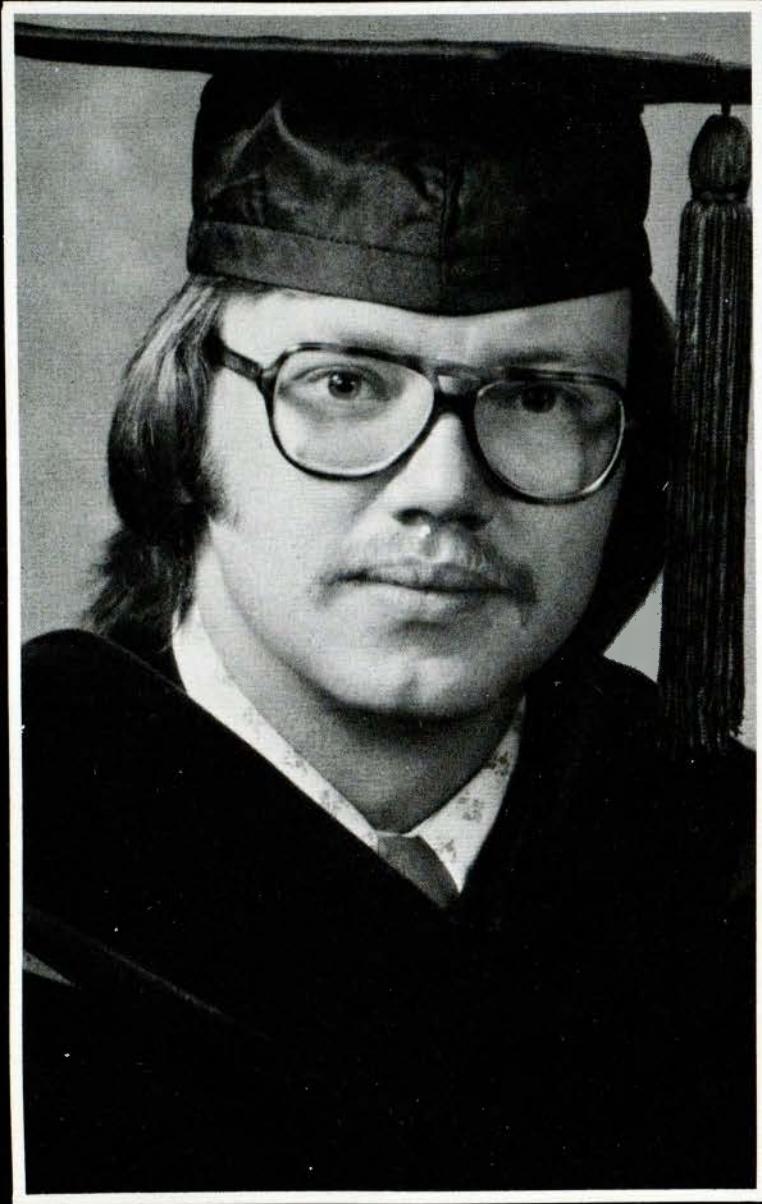
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B.A., Oakland University
ACGP



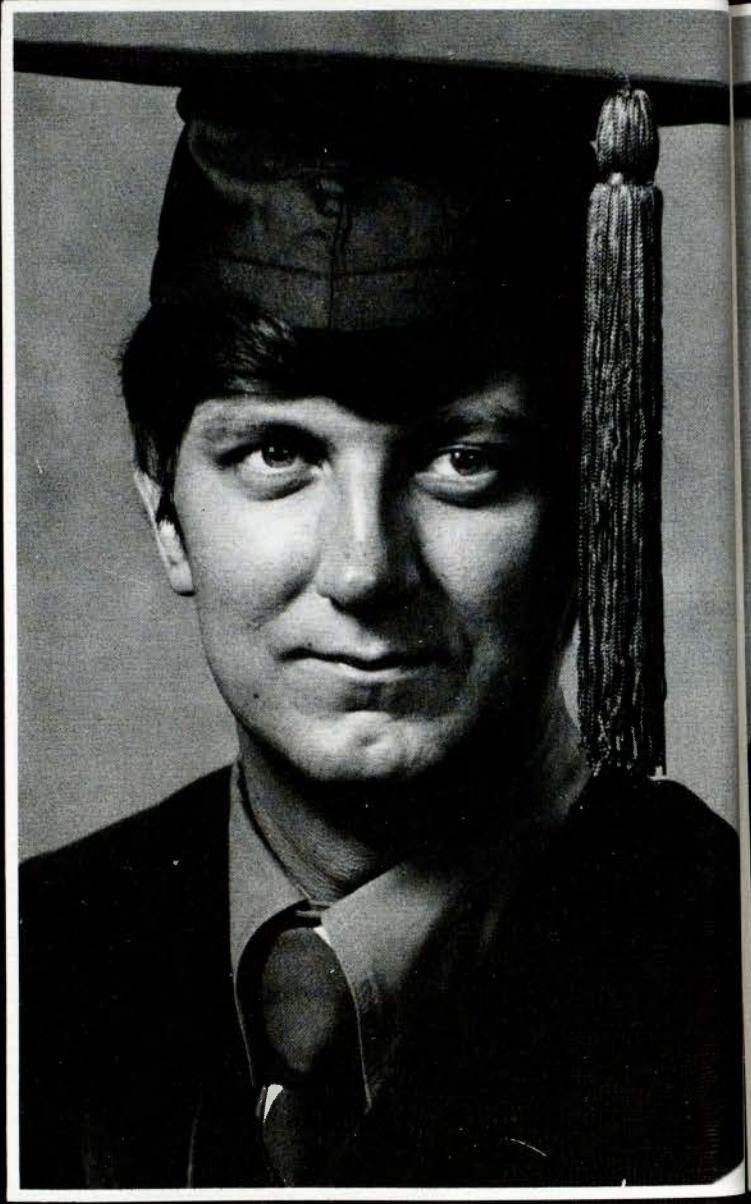
LAWRENCE LAVINE, D.O.

Warren, Ohio
B.S., Arizona State University



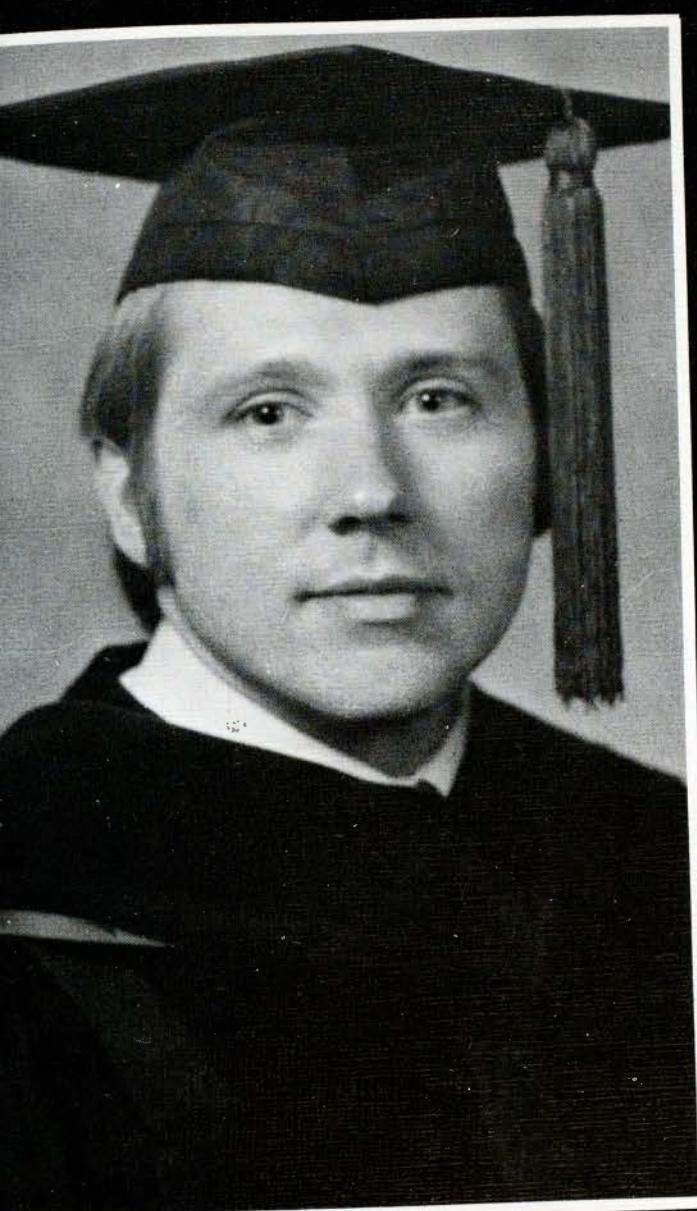
THOMAS J. LEE, D.O.

Fort Dodge, Iowa
B.S., Creighton University
Dog surgery assistant



KENNETH W. LILIK, D.O.

Clarks Summitt, Pennsylvania
B.S., University of Scranton
Anatomy lab instructor



ANTHONY JAMES LINZ, D.O.

Sandusky, Ohio

B.S., Bowling Green State University

Atlas

SOMA

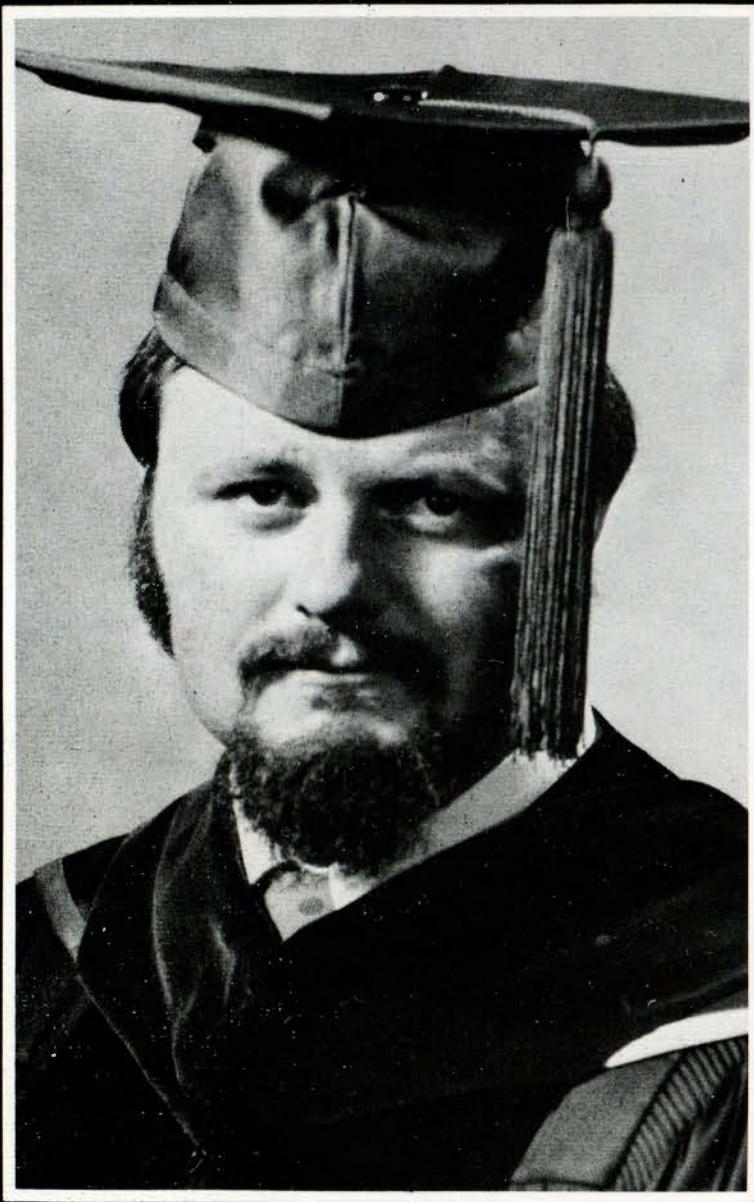
Microbiology Lab Assistant

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WALLY LITWA, D.O.

Amsterdam, New York

B.S.E., State University of New York



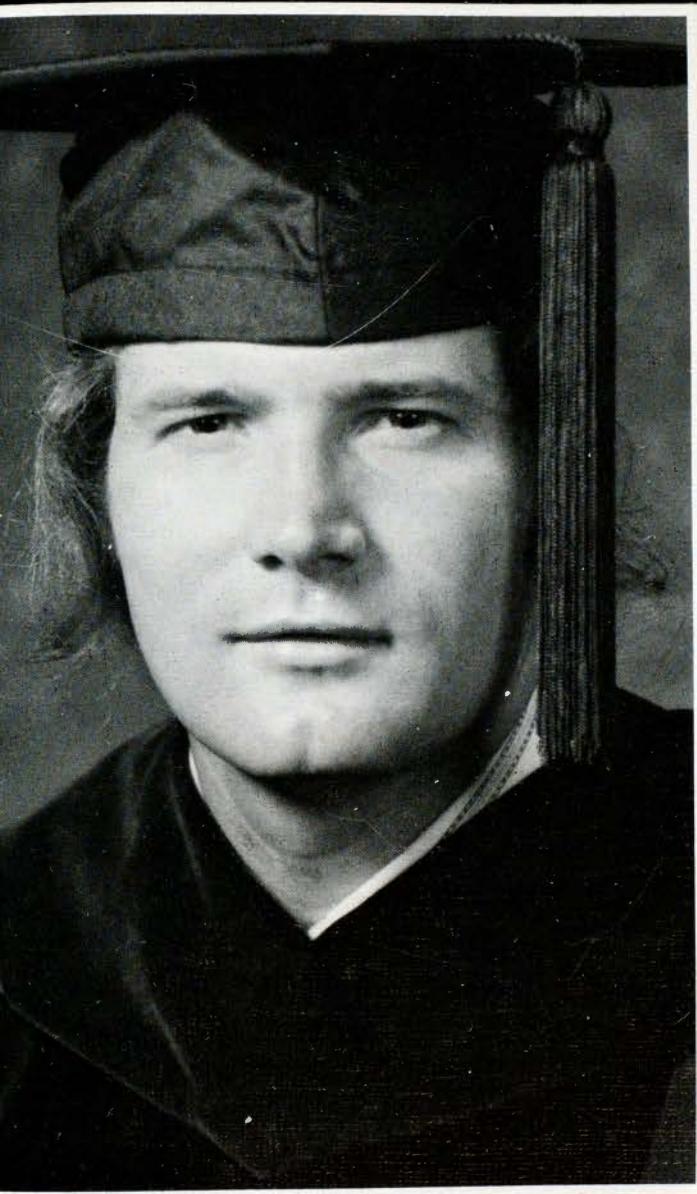
JONATHAN GRANT LORD, D.O.

Galena, Illinois
B.S., Western Illinois University
SOMA
ACGP

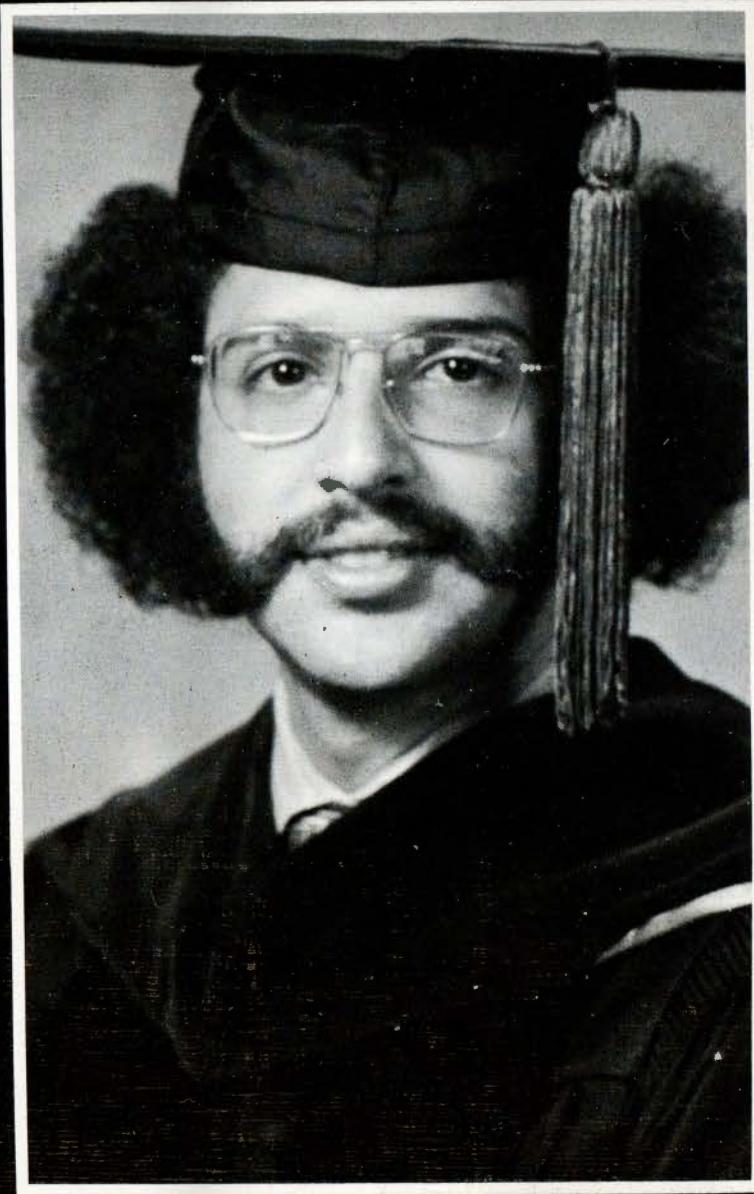
DONALD W. LUETTJOHANN, D.O.

Cedar Rapids, Iowa
B.A., Luther College

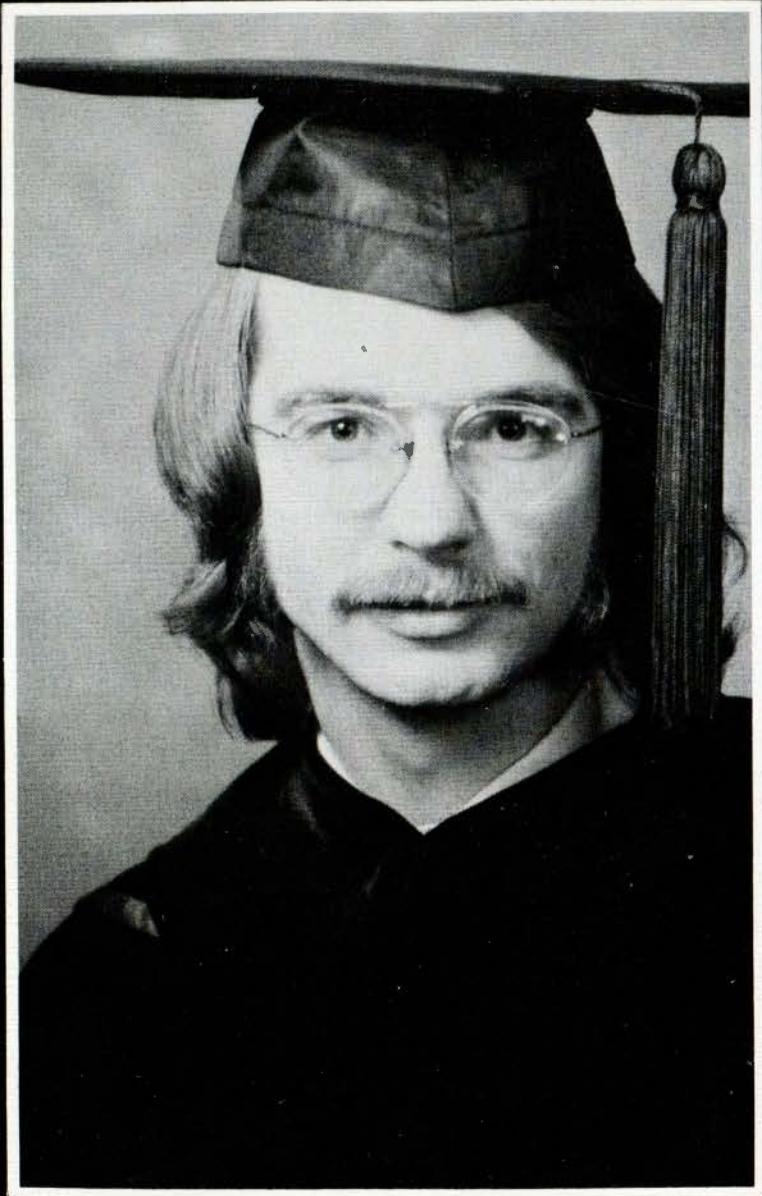
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RONALD LUSZCZ, D.O.
Manville, New Jersey
A.S., King's College

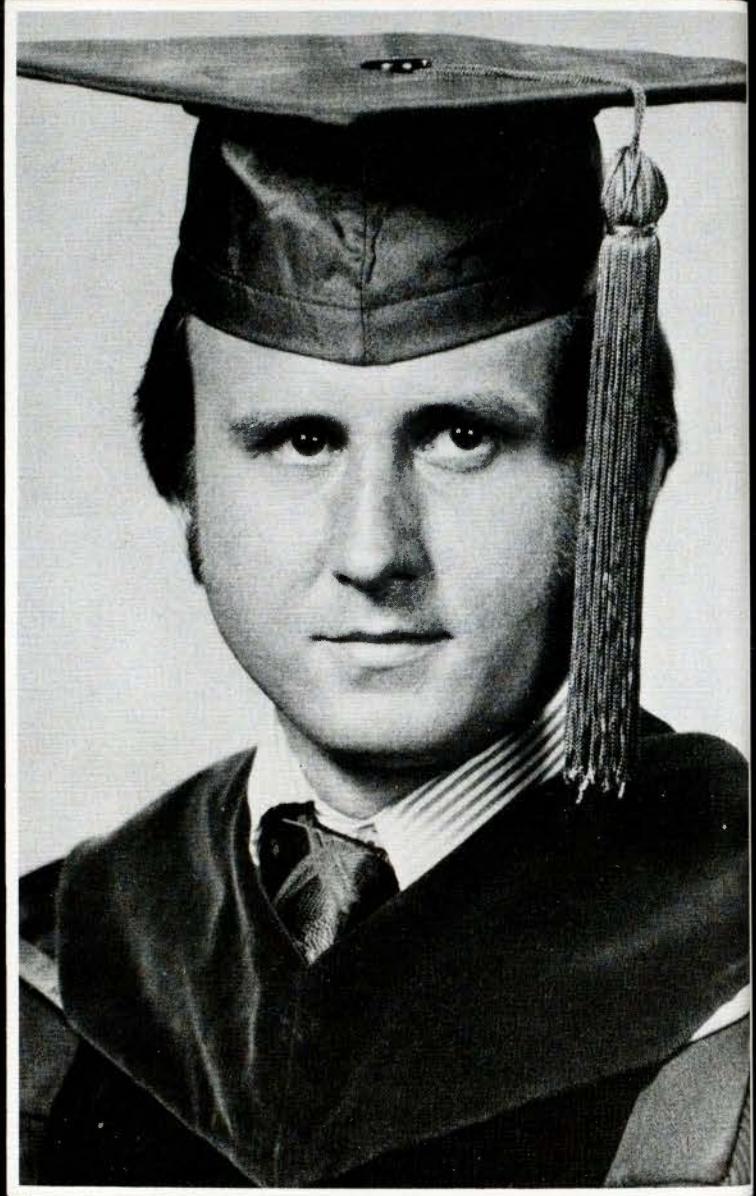


JULES A. MARKS, D.O.
Youngstown, Ohio
A.B., Case Western Reserve
Class President
SSP



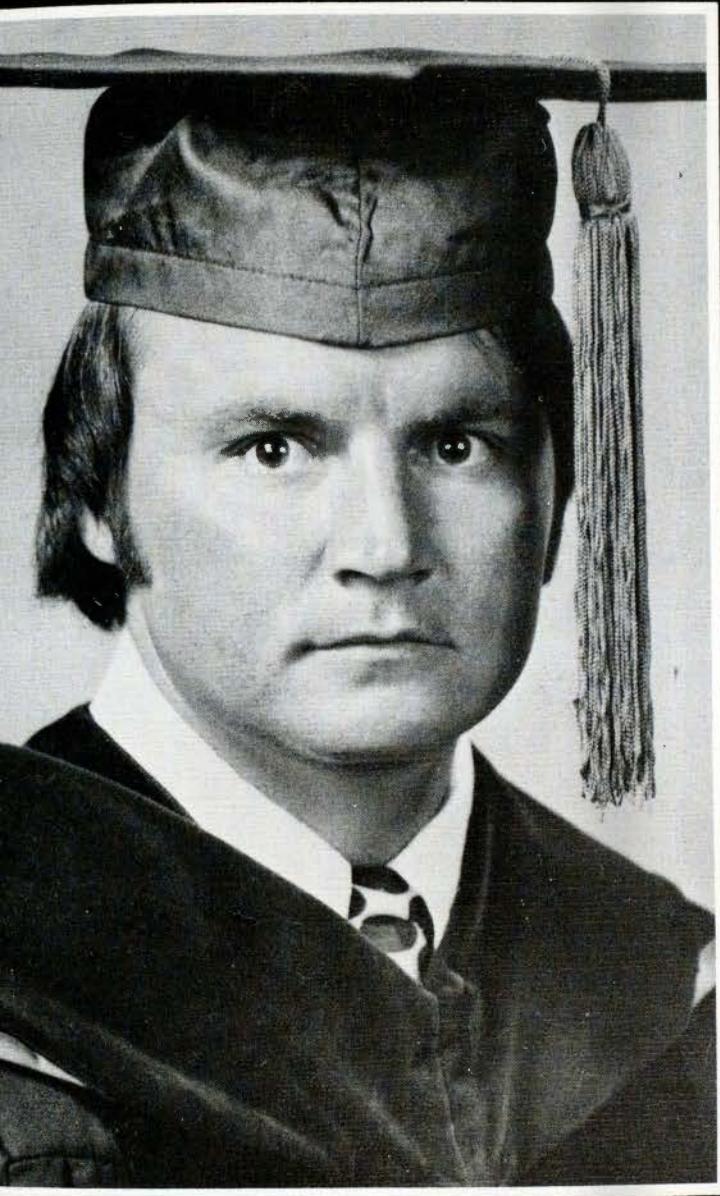
GERALD McCORMICK, D.O.

Drexel Hill, Pennsylvania
B.A., Temple University

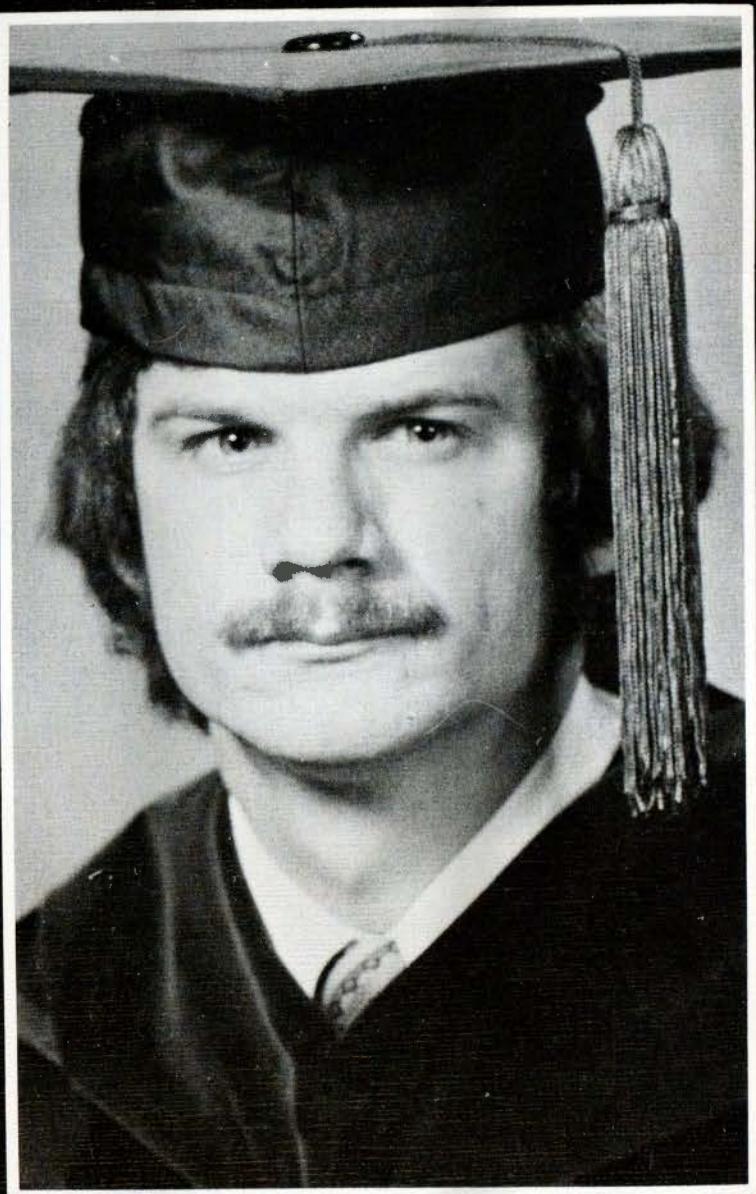


ALAN P. MERSCH, D.O.

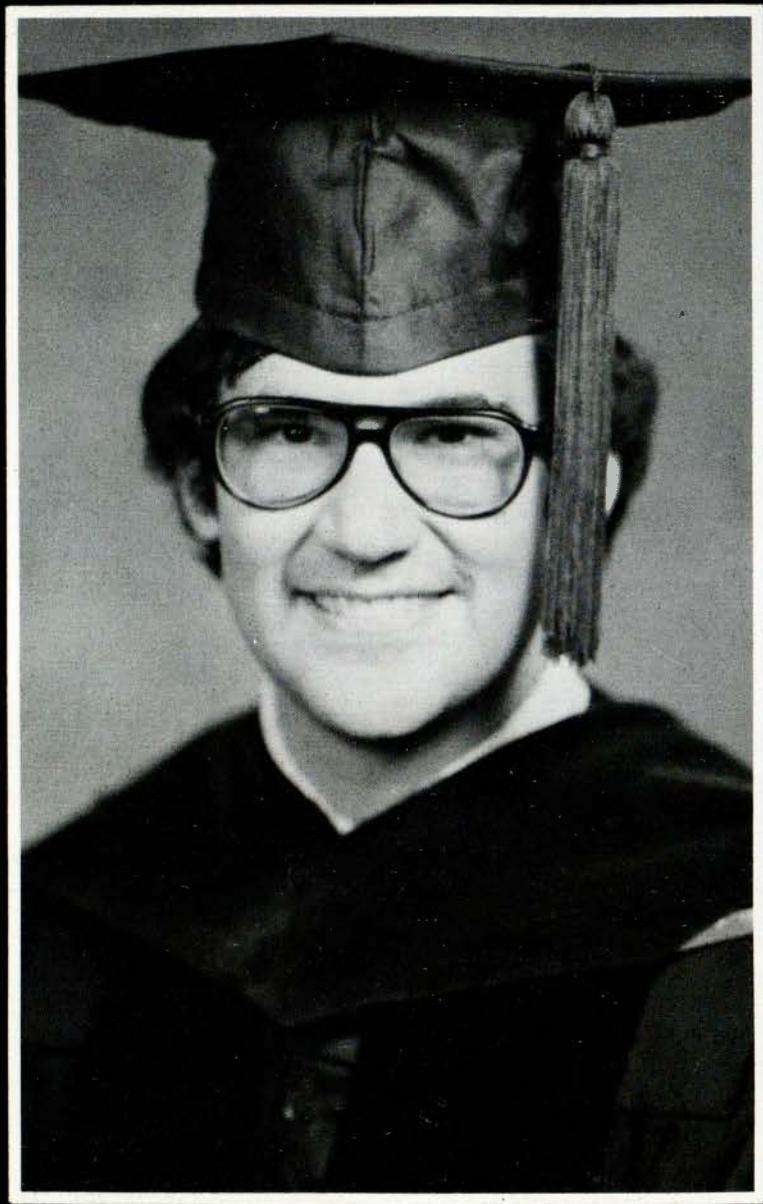
Menomonie, Wisconsin
B.A., Luther College
Student Council
SSP
SOMA
Pacemaker Staff



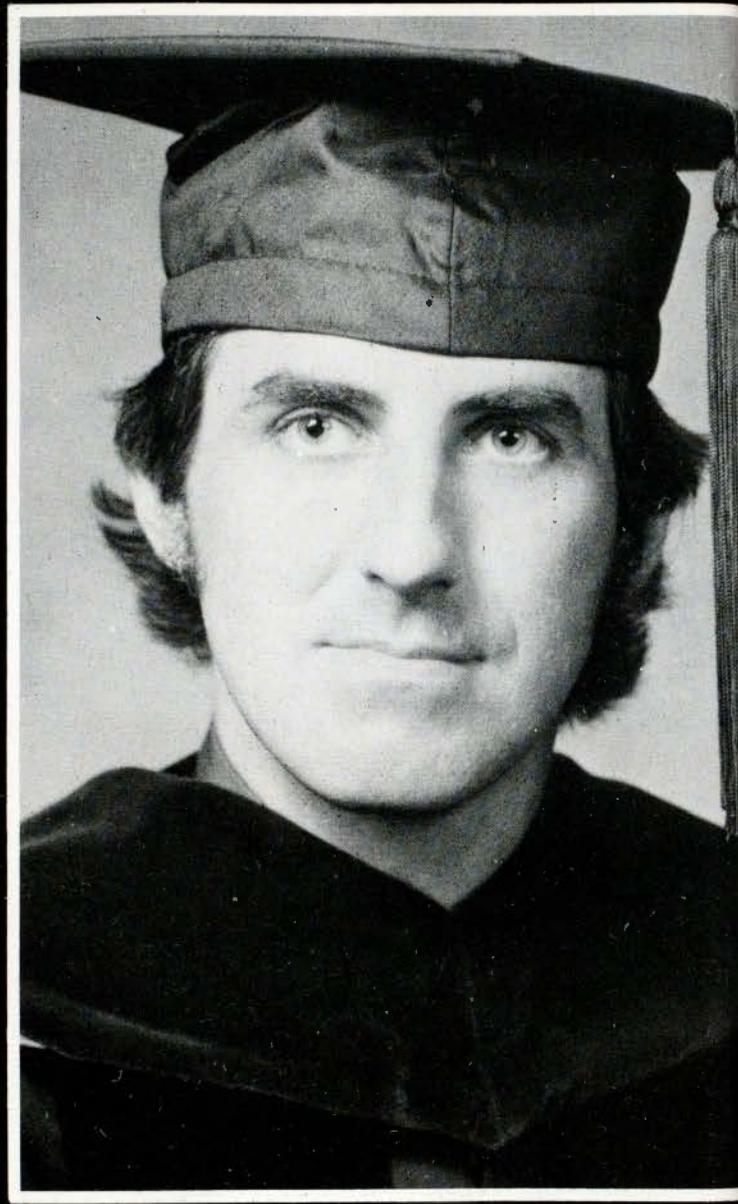
DONALD R. METZ, D.O.
Texas City, Texas
B.S., Lamar State College



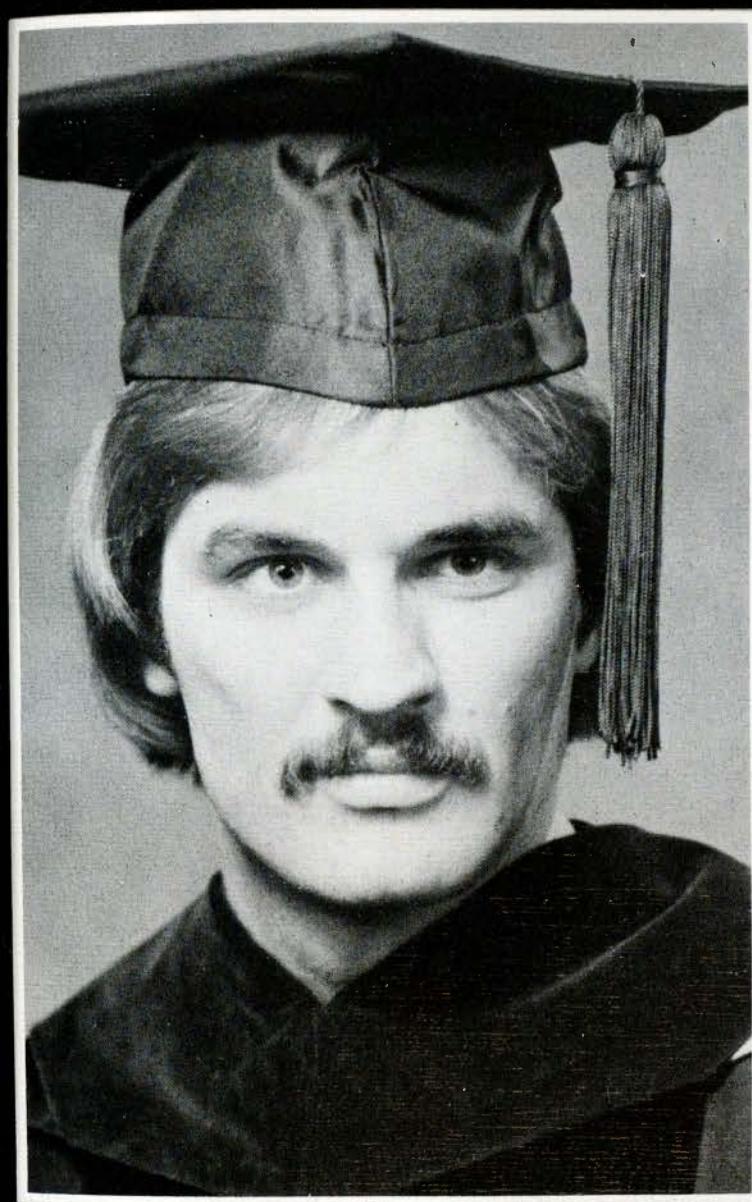
CHRISTOPHER T. MEYER, D.O.
Springfield, Ohio
B.A., Miami University



JOEL P. MILLER, D.O.
Philadelphia, Pennsylvania
Lab assistant
PSG
Class Secretary

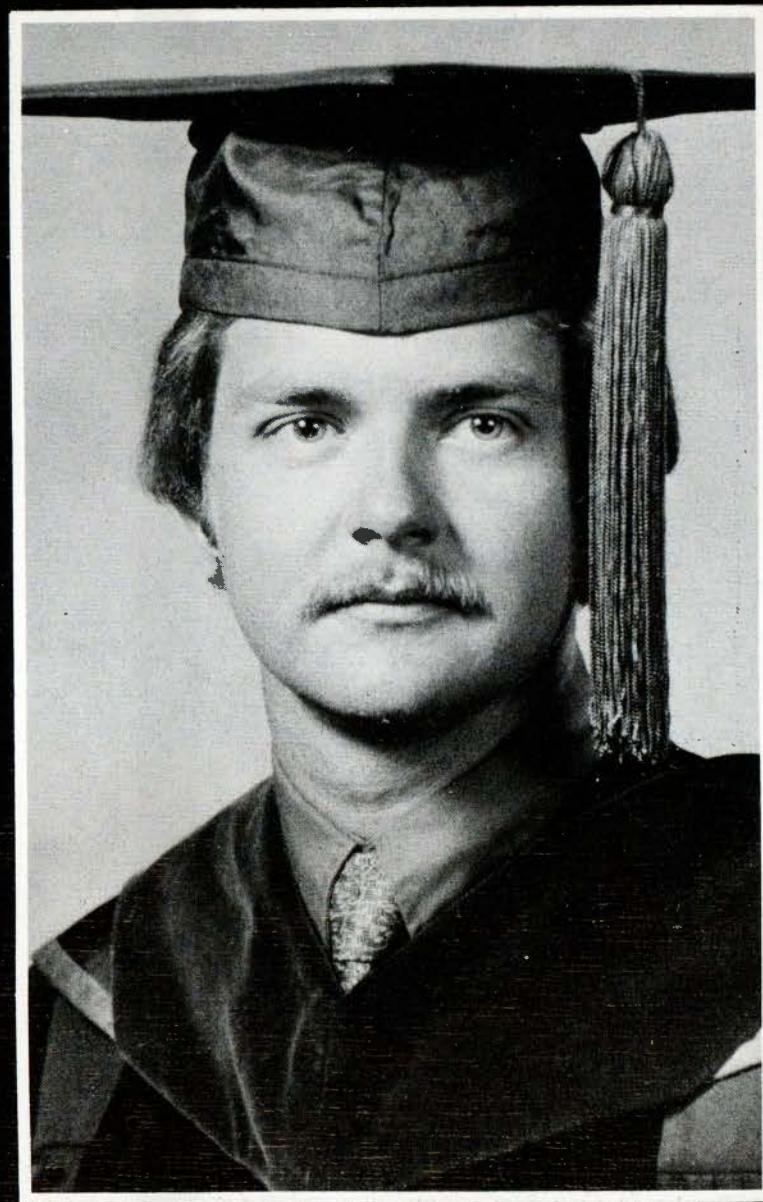


KENNETH H. MOON, D.O.
Romeo, Michigan
B.S., Grove City College



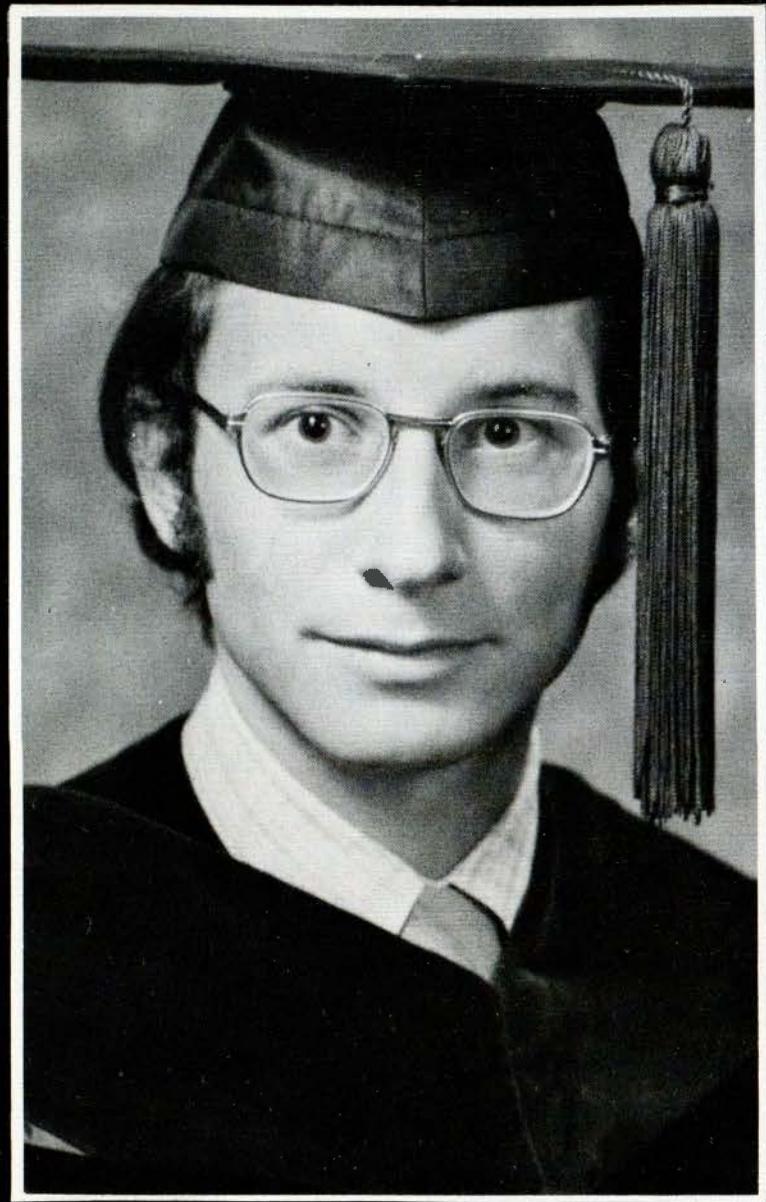
WILLIAM C. MURRAY, D.O.

Rochester, Pennsylvania
B.A., Thiel College

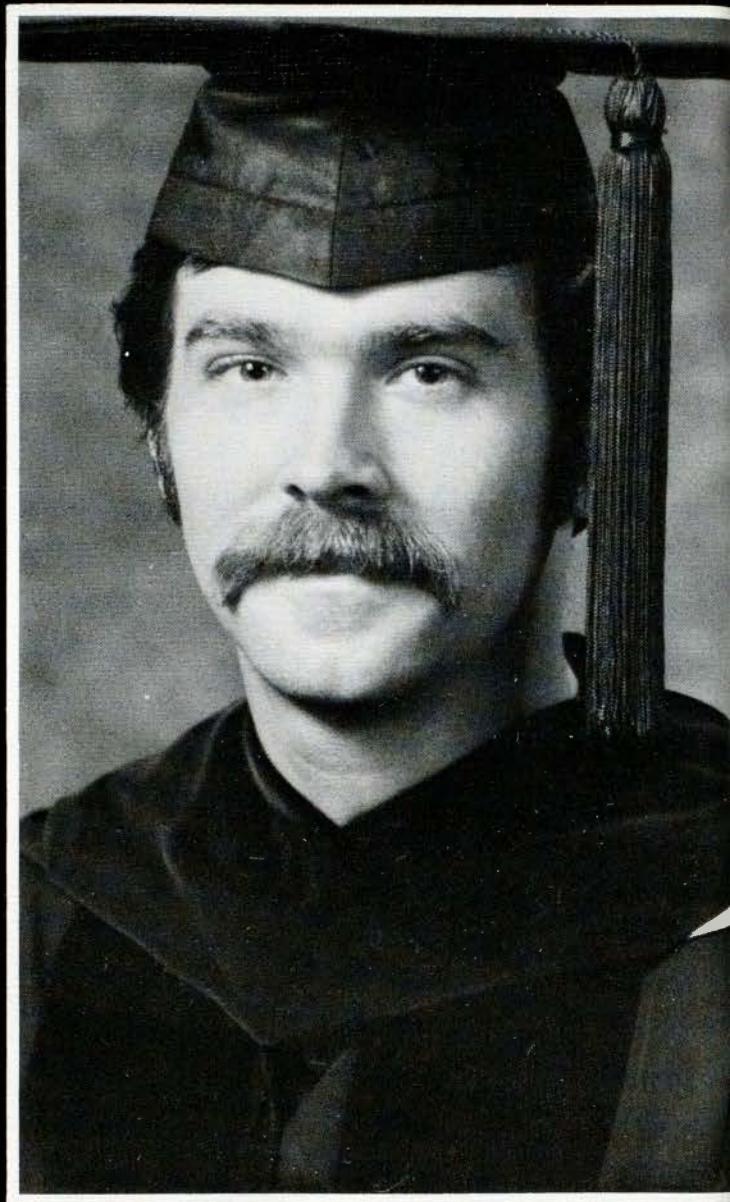


JAMES A. NAPIER, JR., D.O.

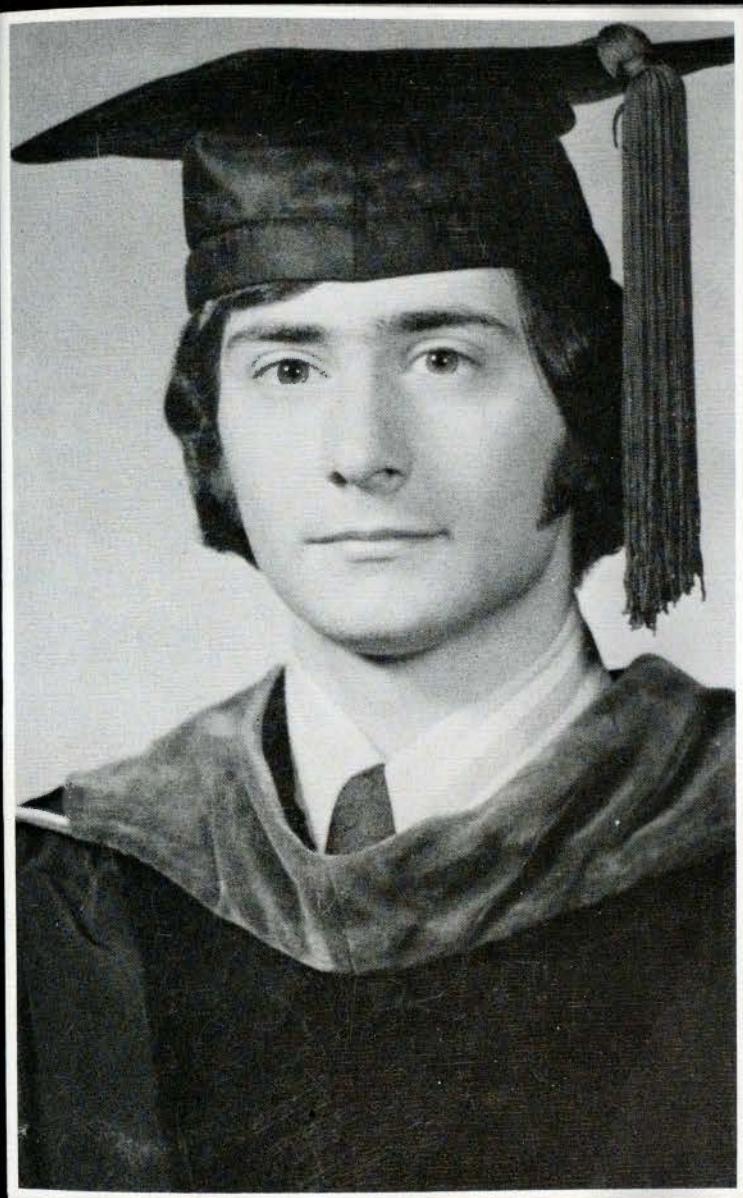
Bloomfield Hills, Michigan
B.A., University of Michigan
Class Vice President
Student Council
SSP



ELLIOT L. NEUFELD, D.O.
Philadelphia, Pennsylvania
B.S., Pennsylvania State University
Student Council Treasurer
Dog surgery assistant
PSA
SSP
Pacemaker staff

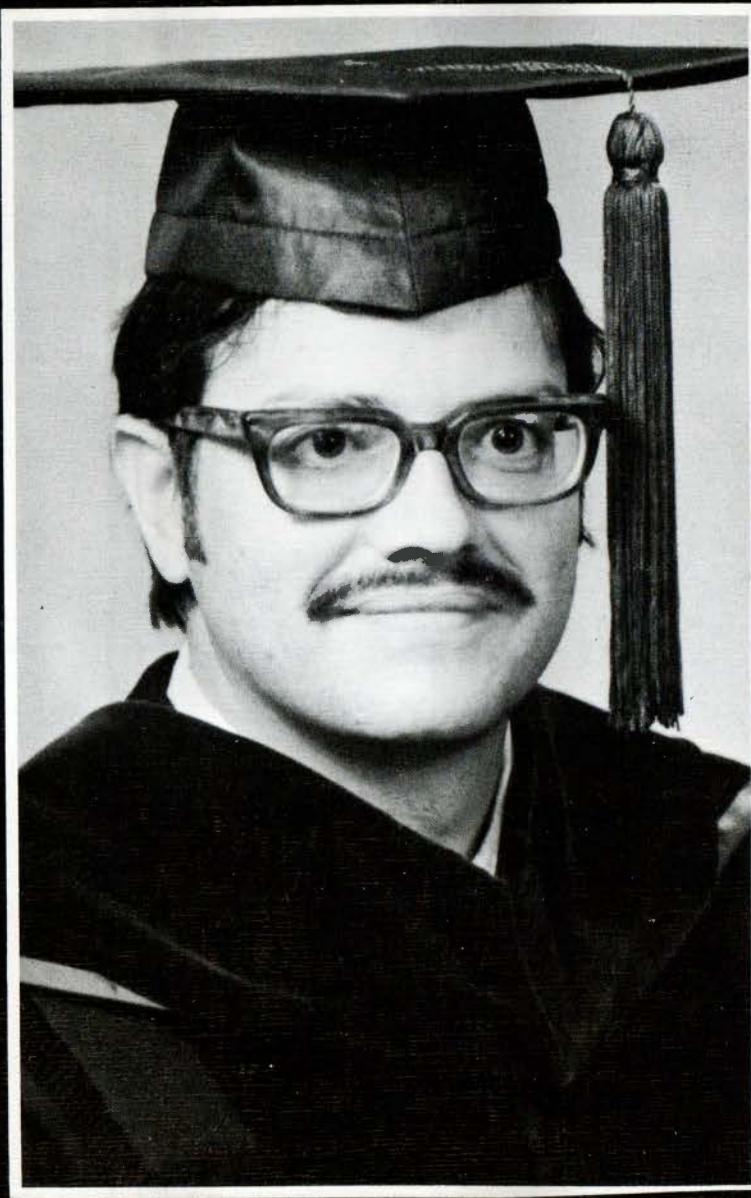


JEREMY ORCUTT, D.O.
Santa Monica, California
B.A., University of California



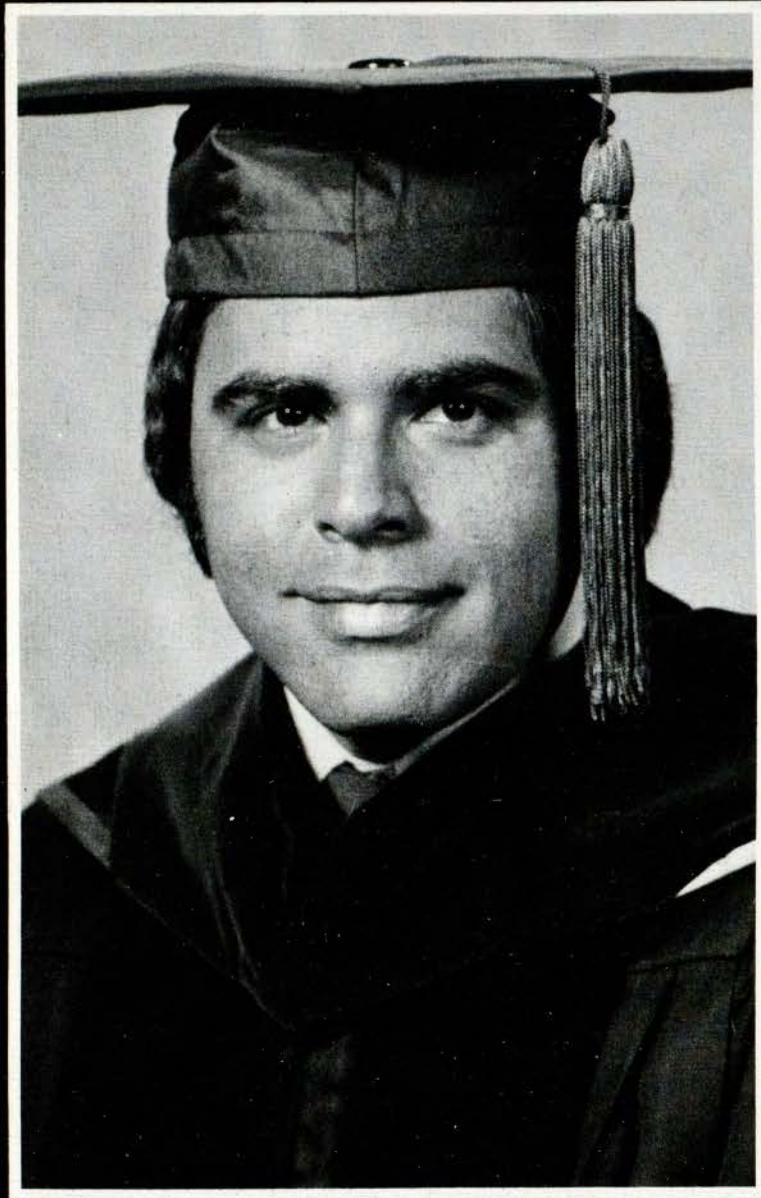
PAUL STEPHEN PANEBIANCO, D.O.

Oaklyn, New Jersey
B.A., Rutgers University
Class secretary
Class vice-president
Student Council secretary
SSP
Pacemaker staff



JOSEPH L. POSCHNER, D.O.

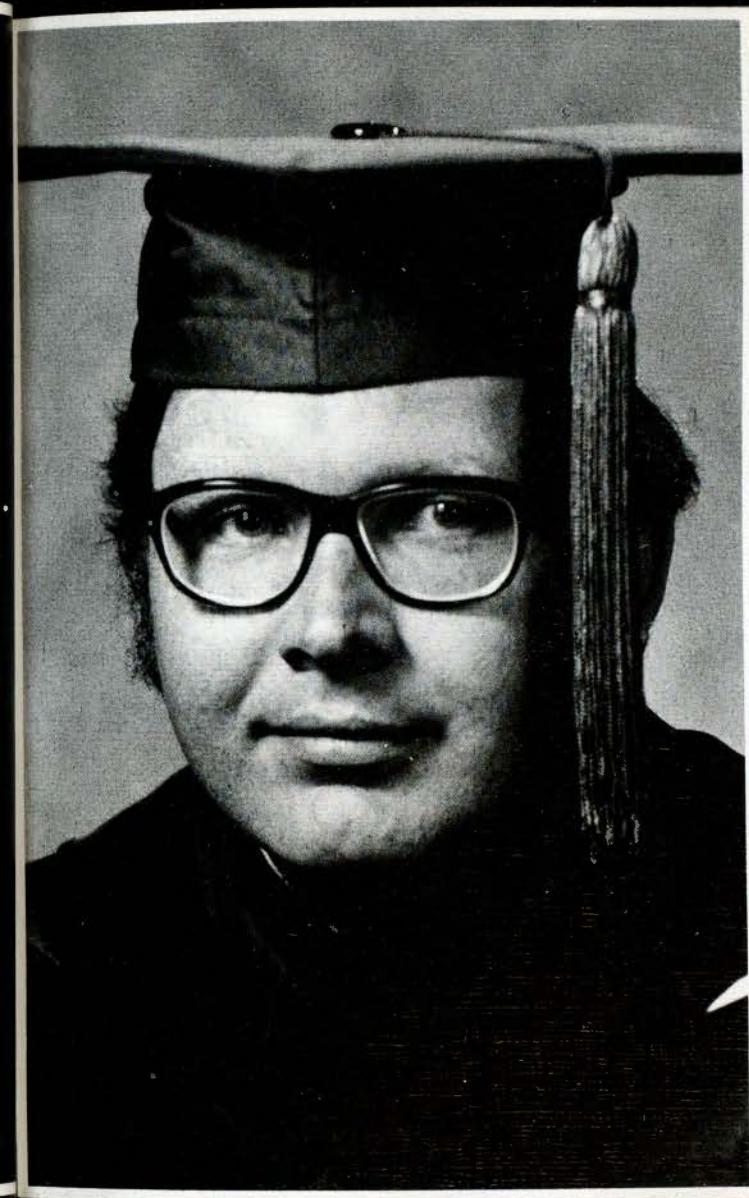
Irvington, New Jersey
B.S., B.Ph., Rutgers University
PSG



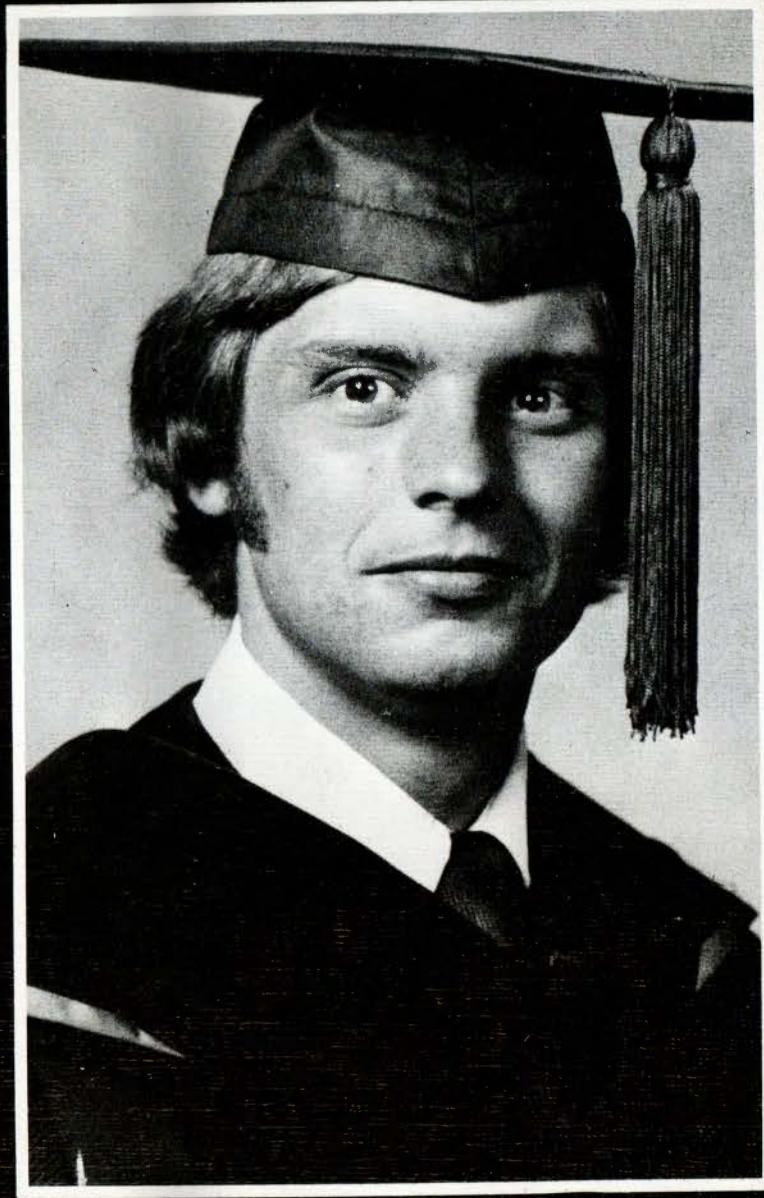
MARSHALL PRESSMAN, D.O.
North Miami Beach, Florida
B.A., University of Miami



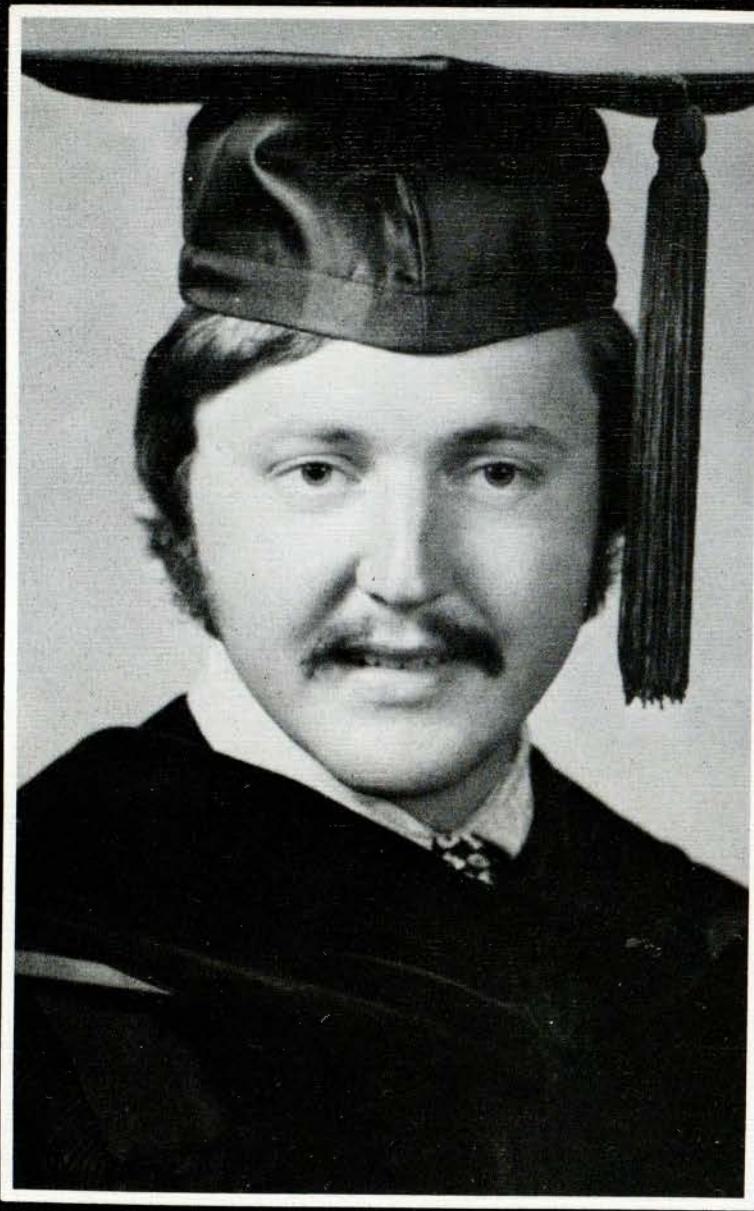
JOHN RAEDER, D.O.
Millbrook, New York
B.A., Rutgers University



WILLIAM RAMER, D.O.
Bloomfield Hills, Michigan
B.S., Michigan State University

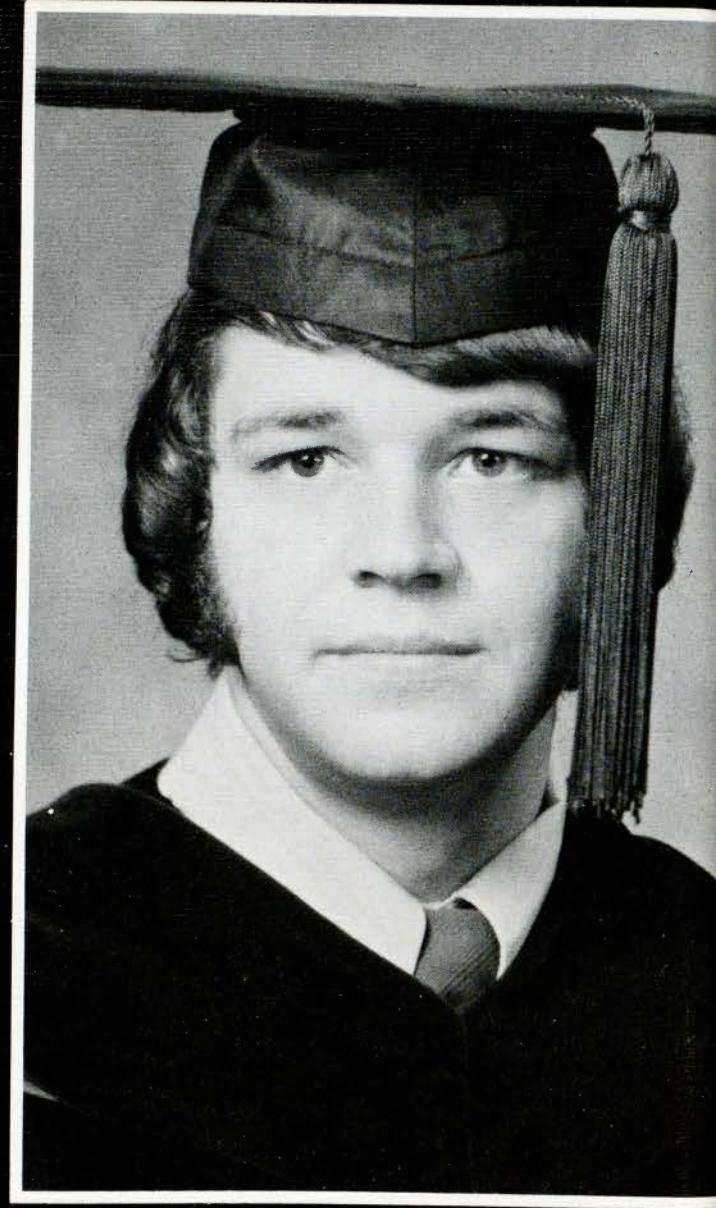


MARK W. REINERTSON, D.O.
Cedar Rapids, Iowa
B.A., Luther College
SSP President



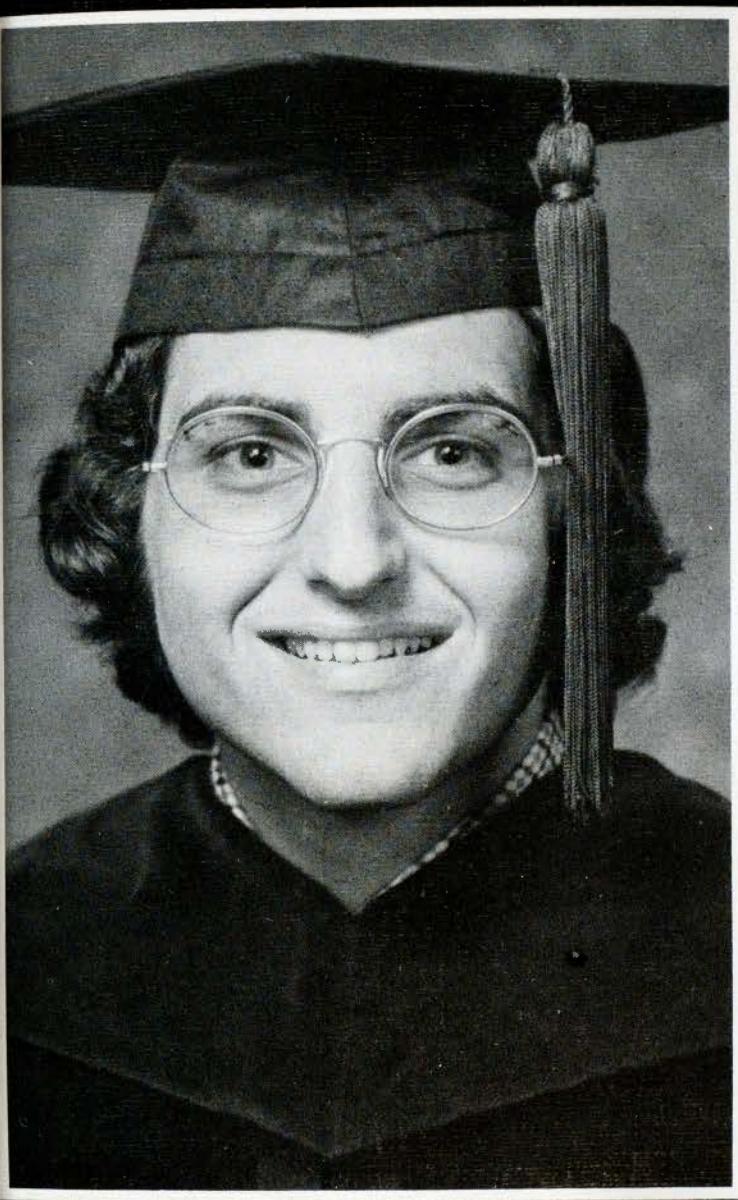
STEPHEN D. RICHARDS, D.O.

Des Moines, Iowa
B.S., Drake University
SSP Treasurer
SOMA
Pacemaker Business Manager
Student Council



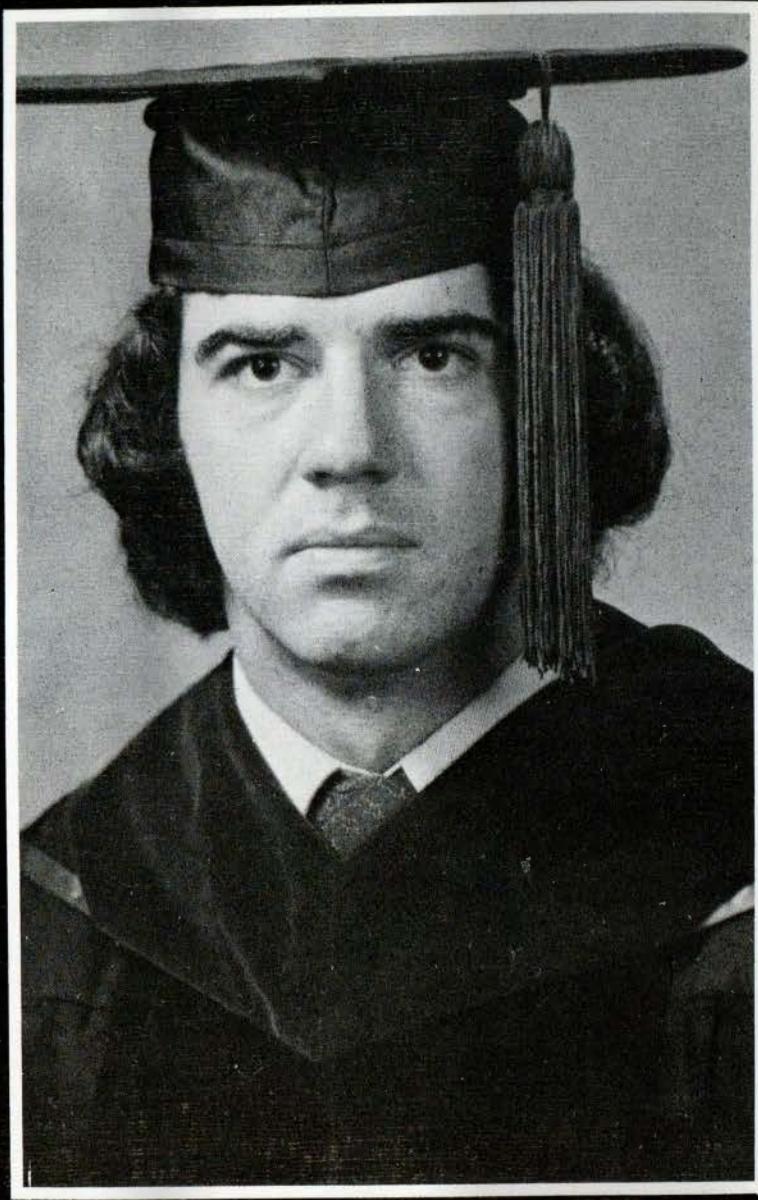
EMORY A. RITTENHOUSE, D.O.

McKeesport, Pennsylvania
B.A., Washington and Jefferson College



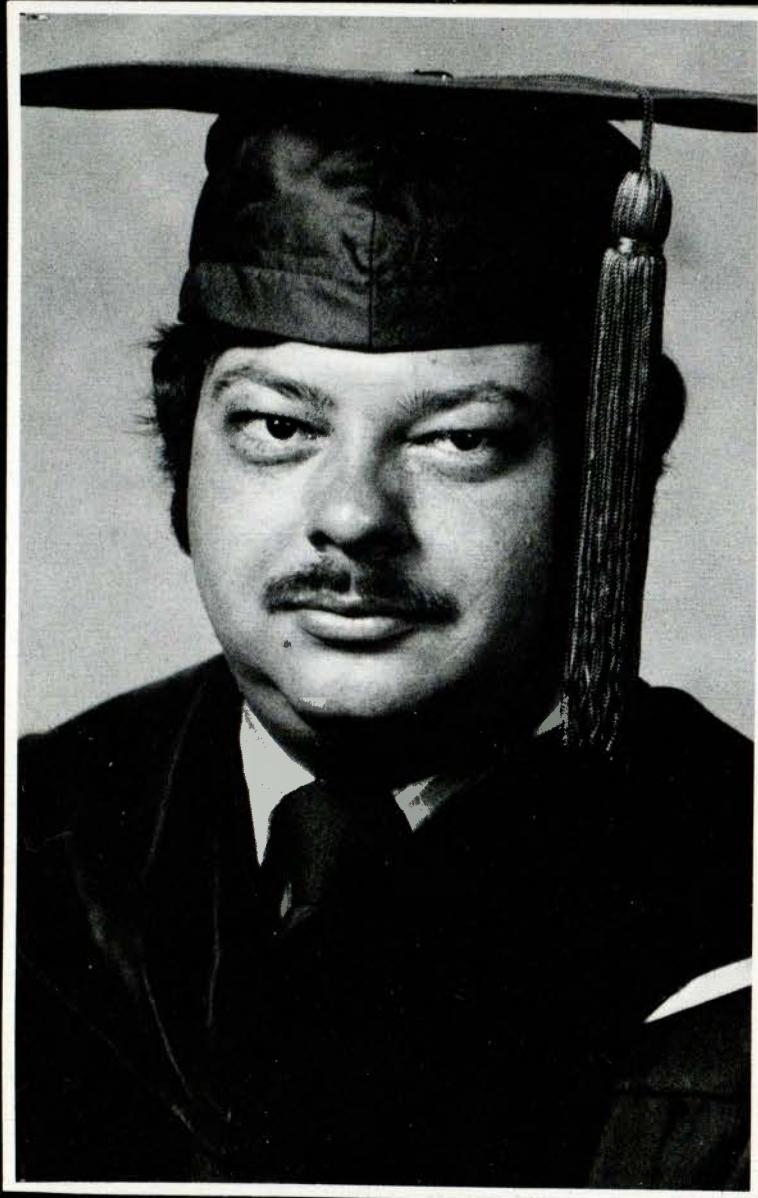
DAVID M. ROSENBERG, D.O.

Milwaukee, Wisconsin
B.S., University of Wisconsin

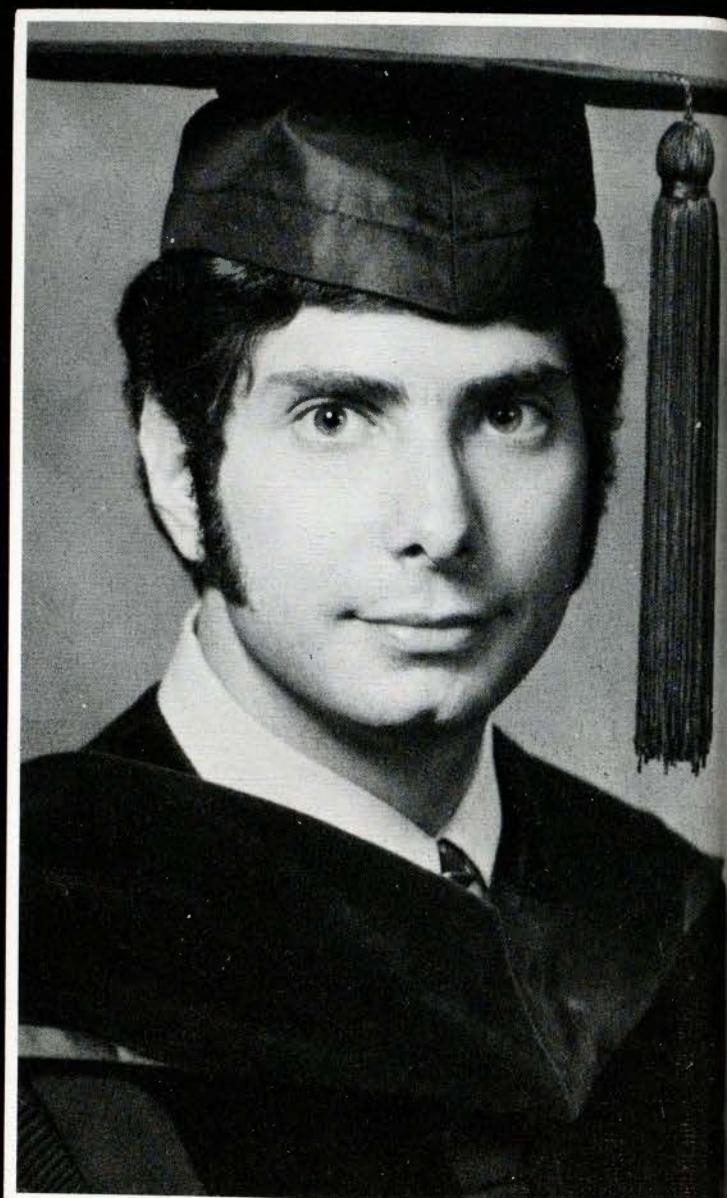


CLARK A. ROSENBERRY, D.O.

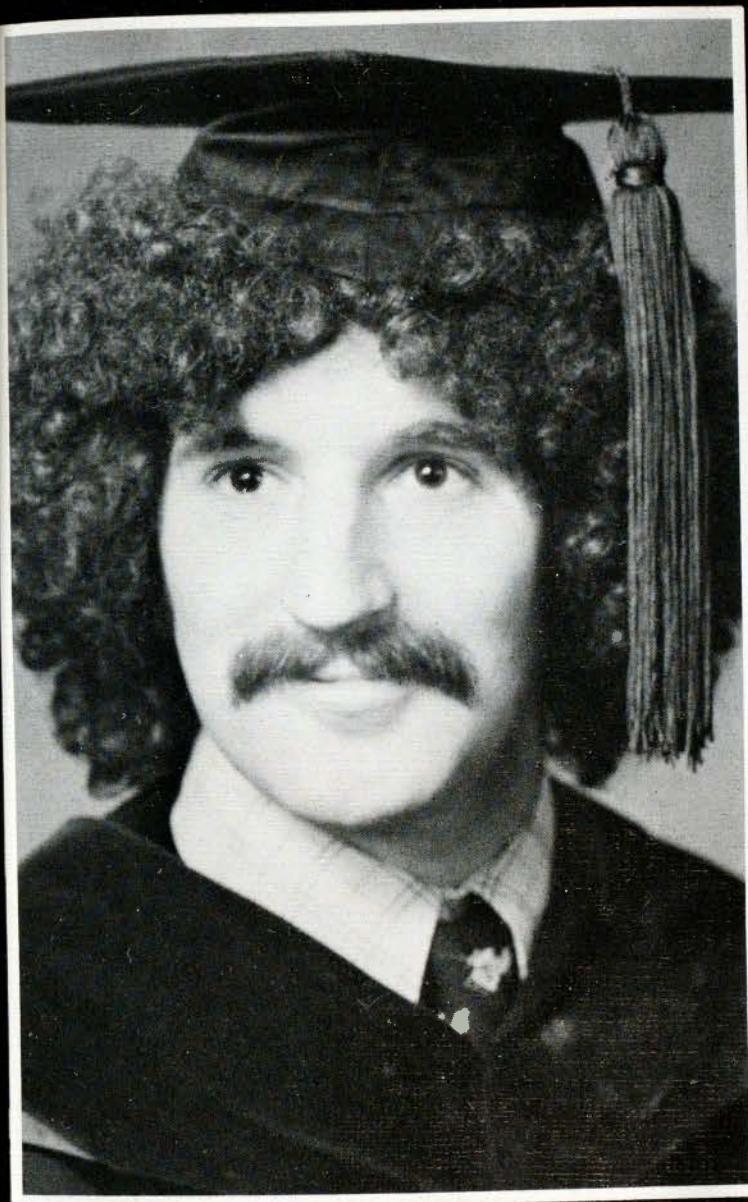
New Philadelphia, Ohio
B.A., Case Western Reserve



HAROLD SANDROCK, D.O.
Pittsburgh, Pennsylvania
B.A., Washington and Jefferson College

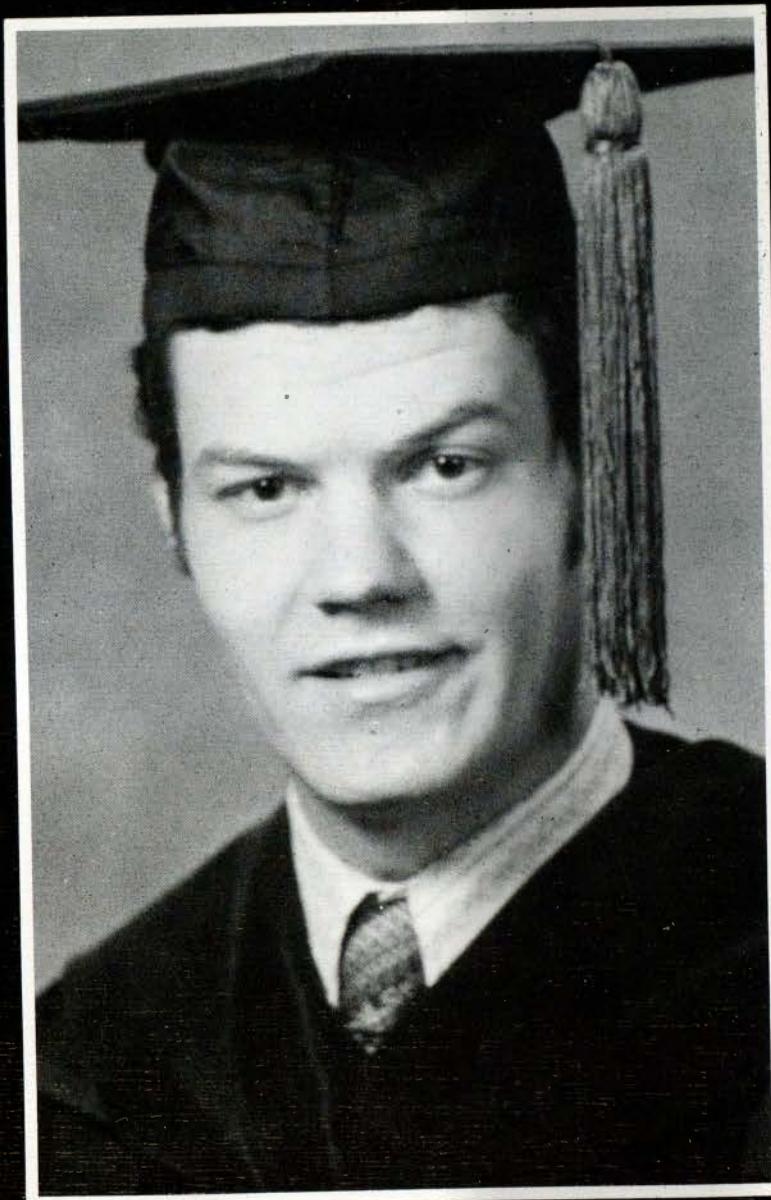


BARTON SCHEINFELDT, D.O.
Philadelphia, Pennsylvania
B.A., Temple University



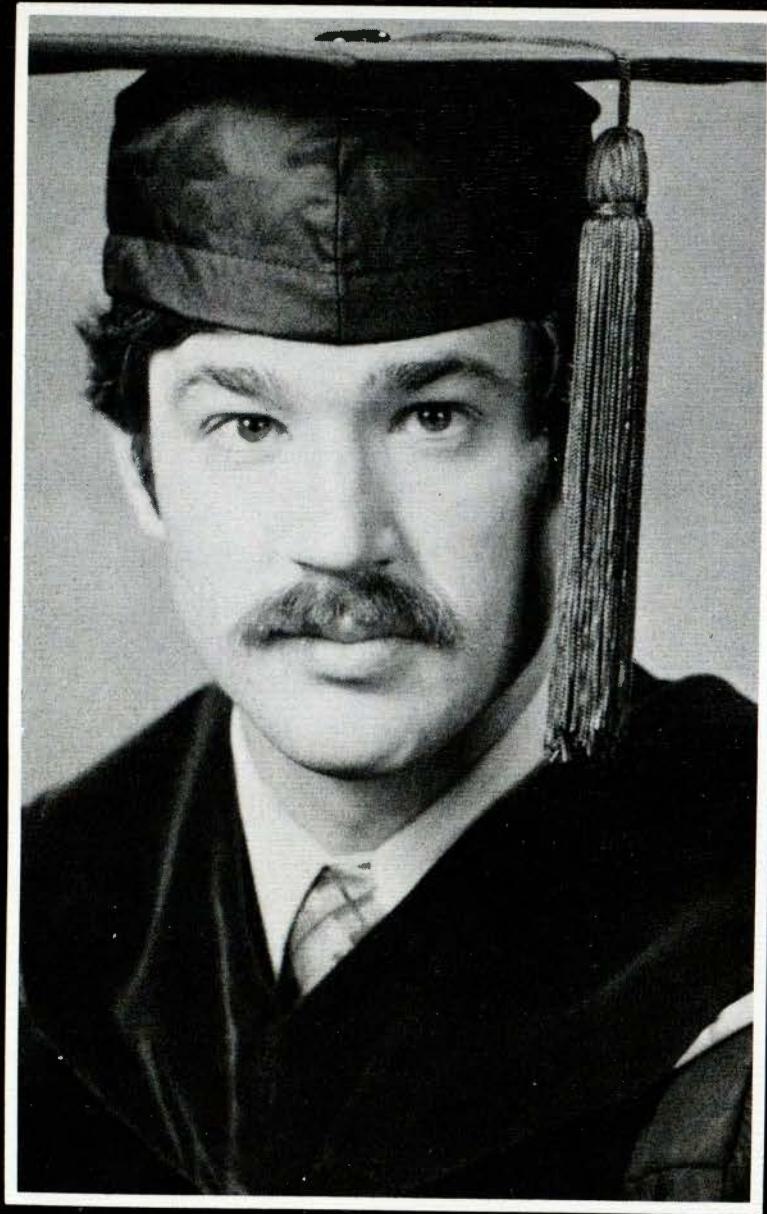
THOMAS J. SCHEUERMAN, D.O.

Yardley, Pennsylvania
B.A., LaSalle University
PSA

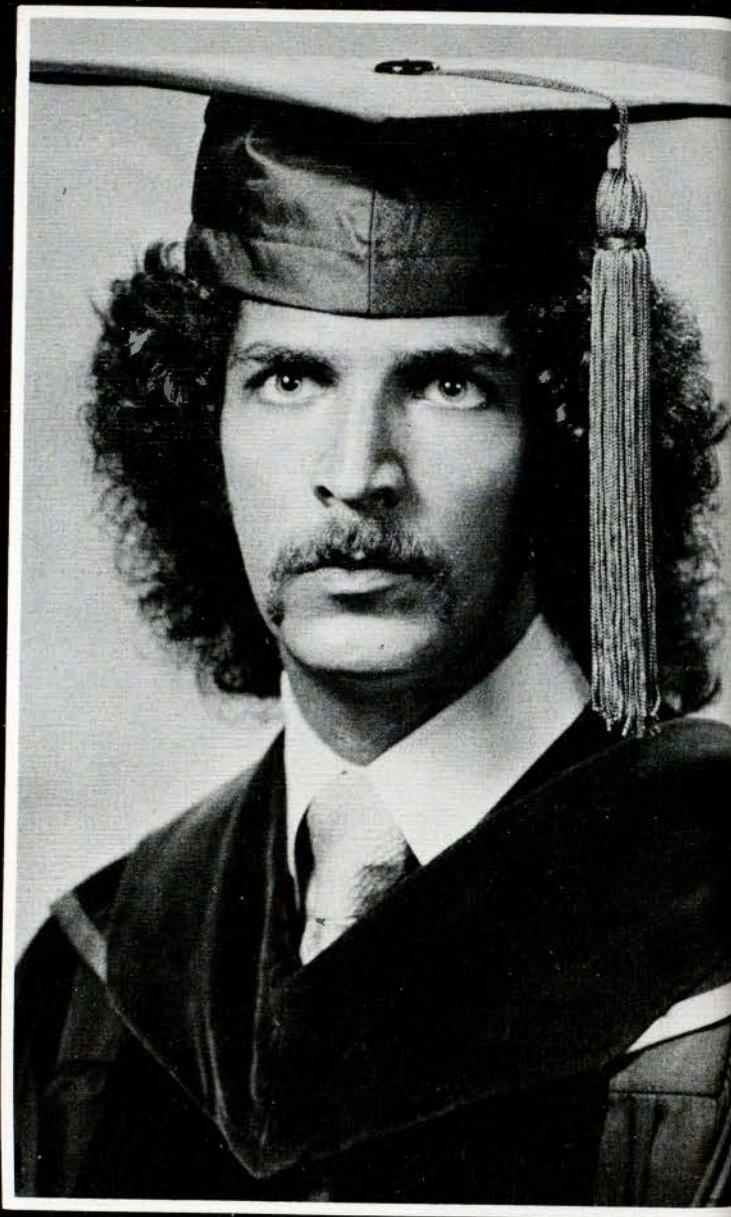


G. PHILIP SCOTT, D.O.

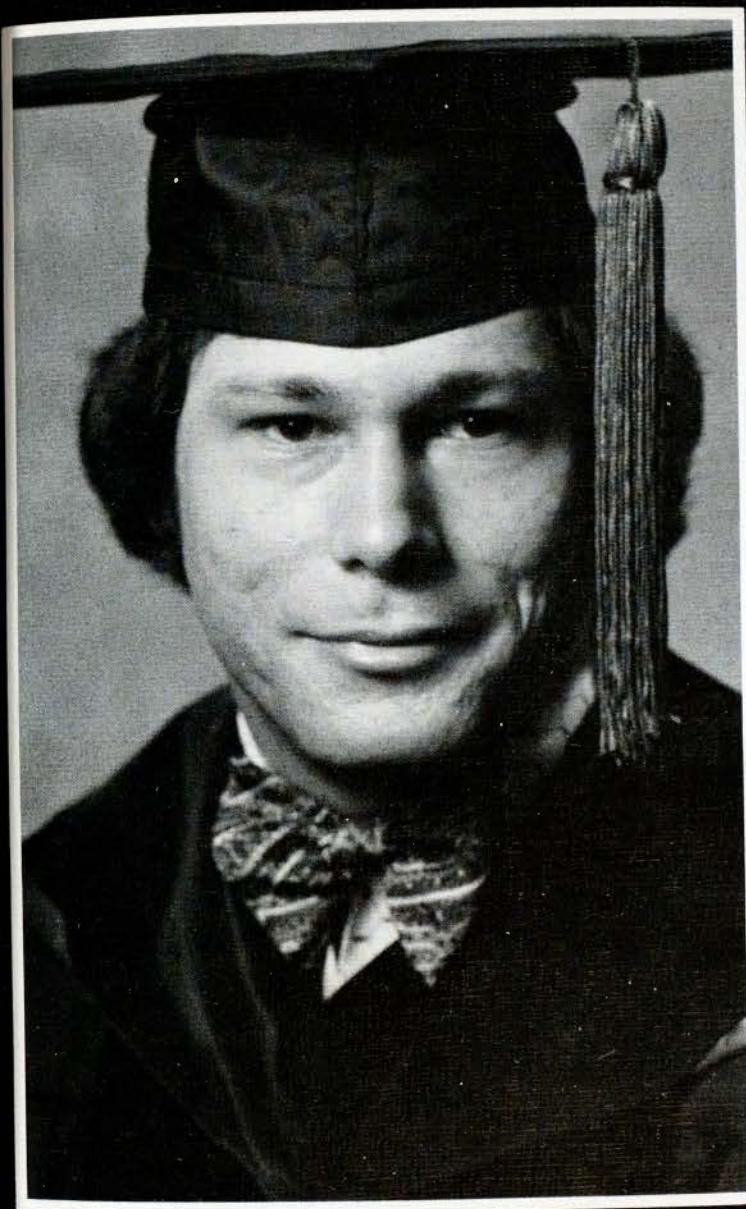
Drexel Hill, Pennsylvania
B.S., Saint Joseph's College



ROGER M. SEKLECKI, D.O.
Beacon Square Holiday, Florida
B.S., M.S., Saint Mary's College
Atlas President
Intrafraternity Council President
SOMA
Anatomy Lab Assistant

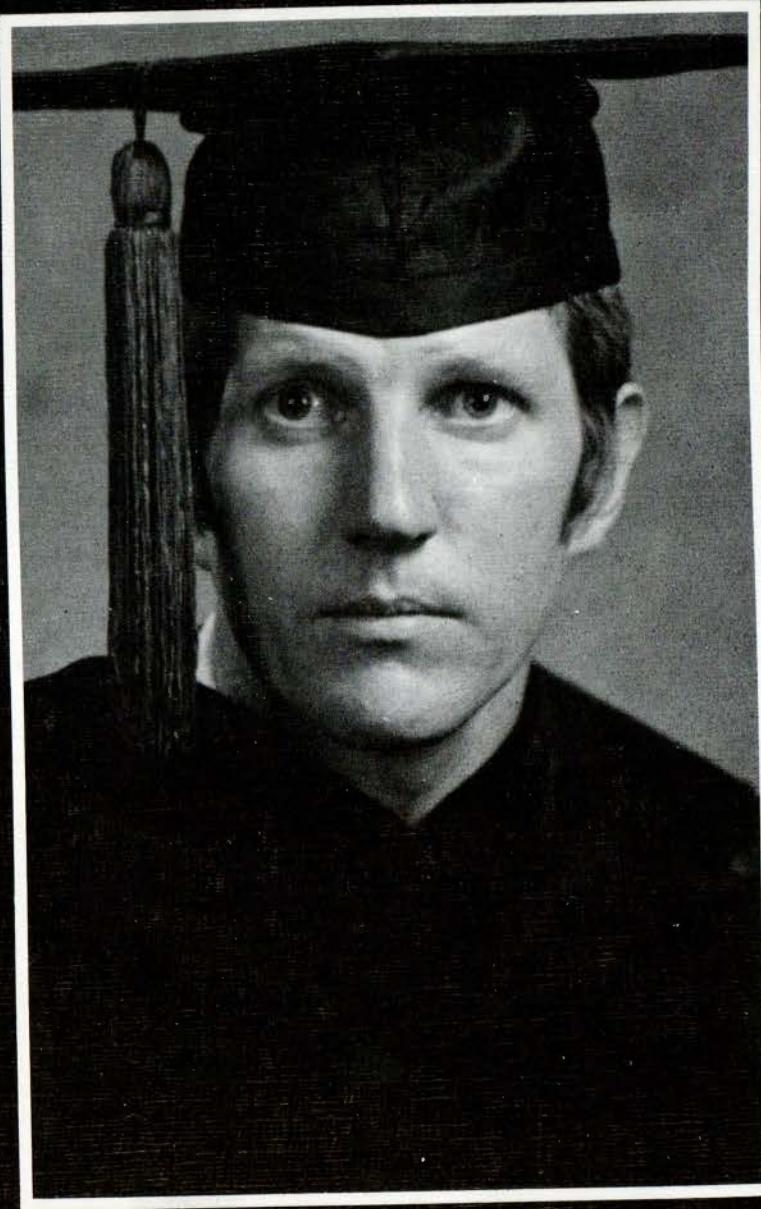


JOSEPH F. SEROTA, D.O.
Philadelphia, Pennsylvania
B.S., Pennsylvania State University



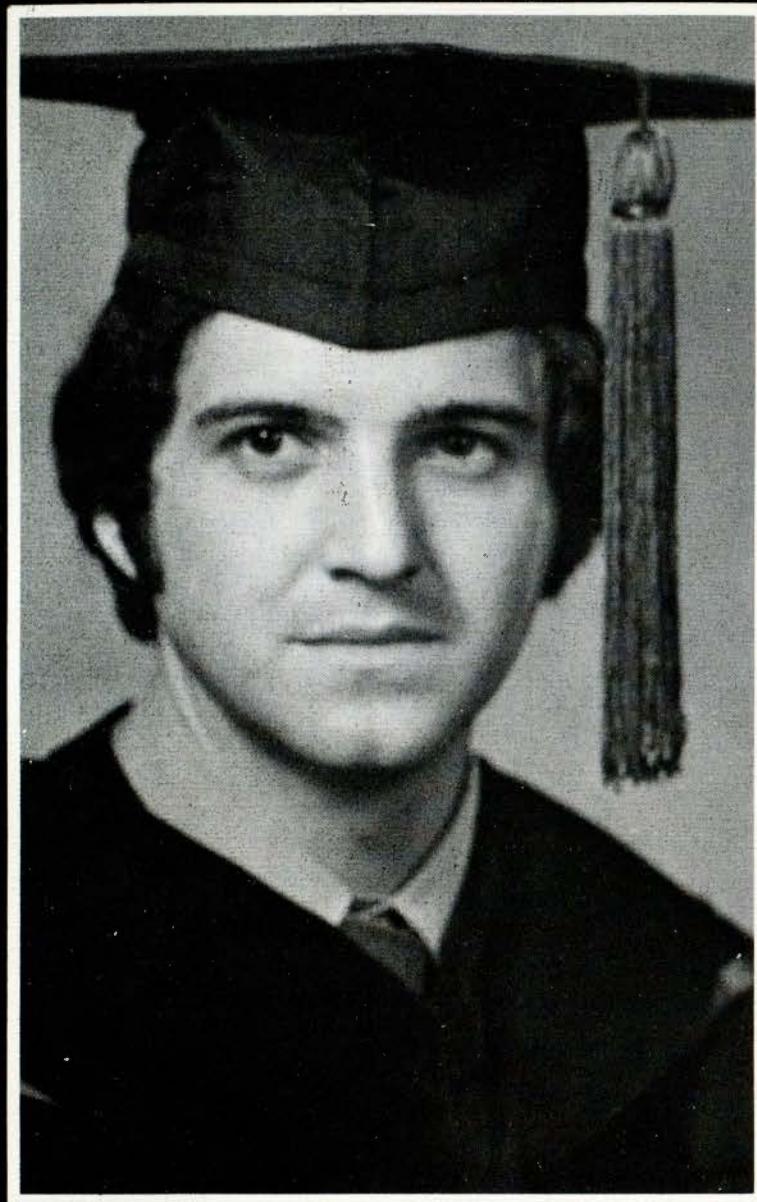
EDWARD SHAPIRO, D.O.

Philadelphia, Pennsylvania
B.S., Pennsylvania State University
LOG

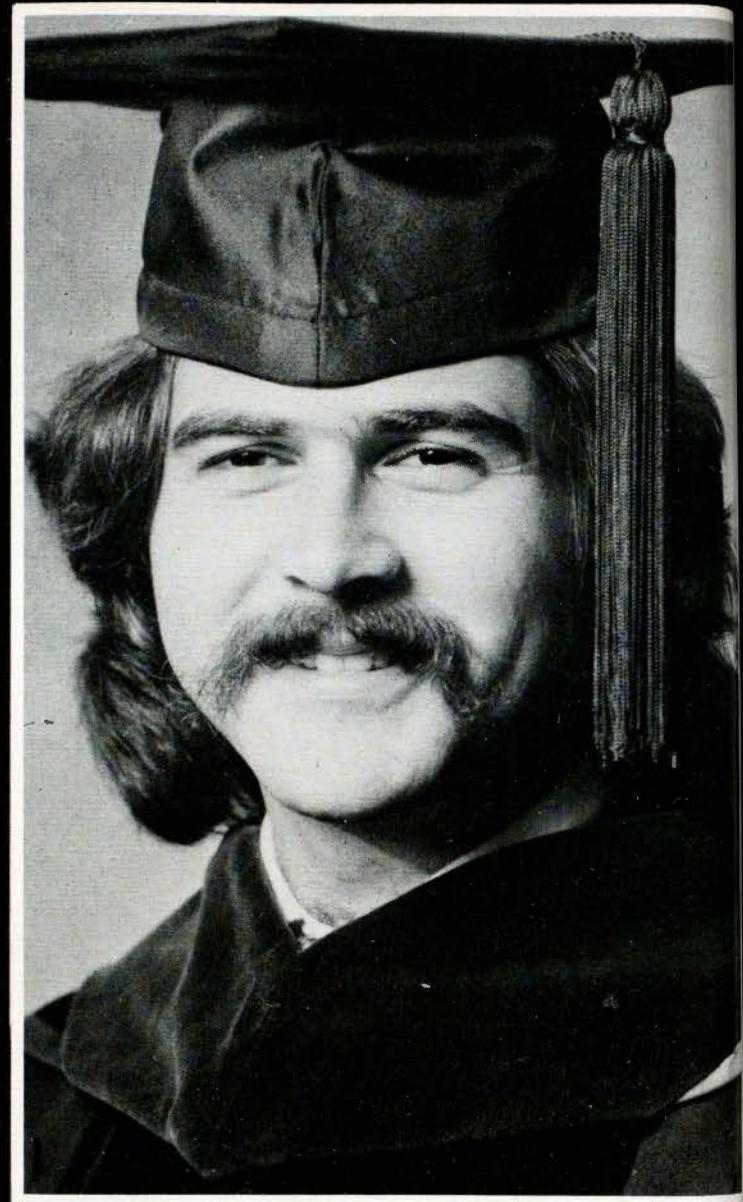


CLAYTON T. SHAW, D.O.

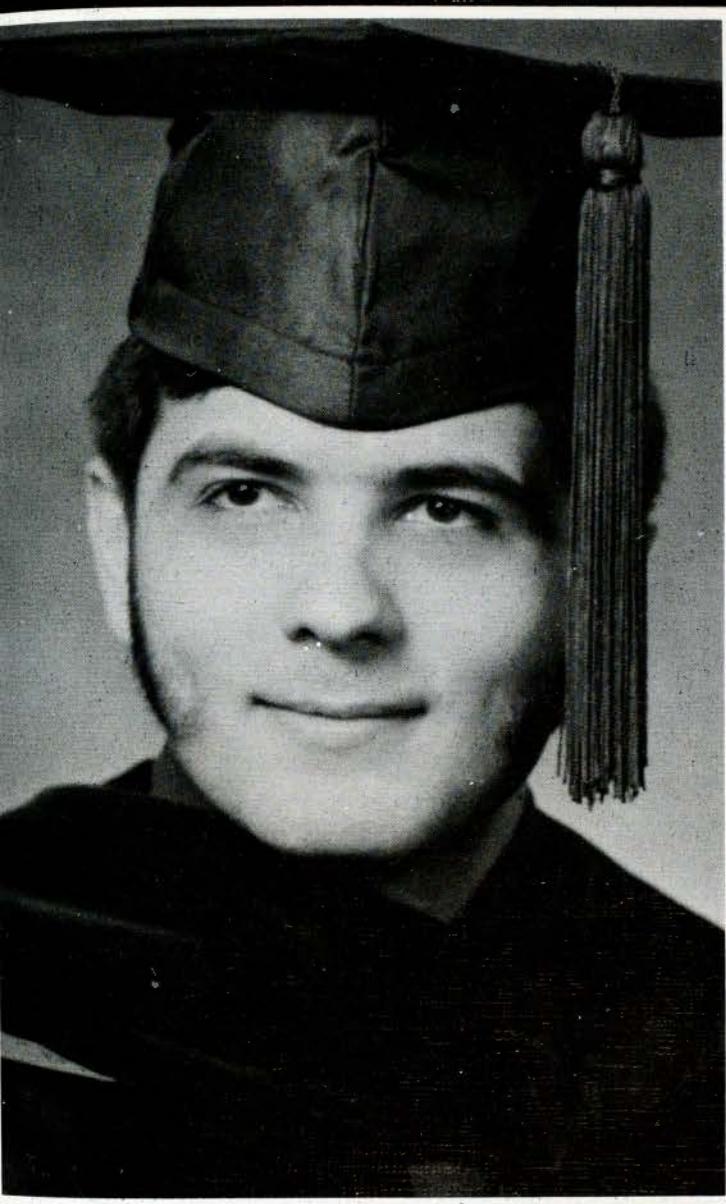
Altoona, Iowa
B.S., M.S., Massachusetts College of Pharmacy
M.A., M.A.T., University of Massachusetts
Microbiology Lab Assistant
Senior Class President



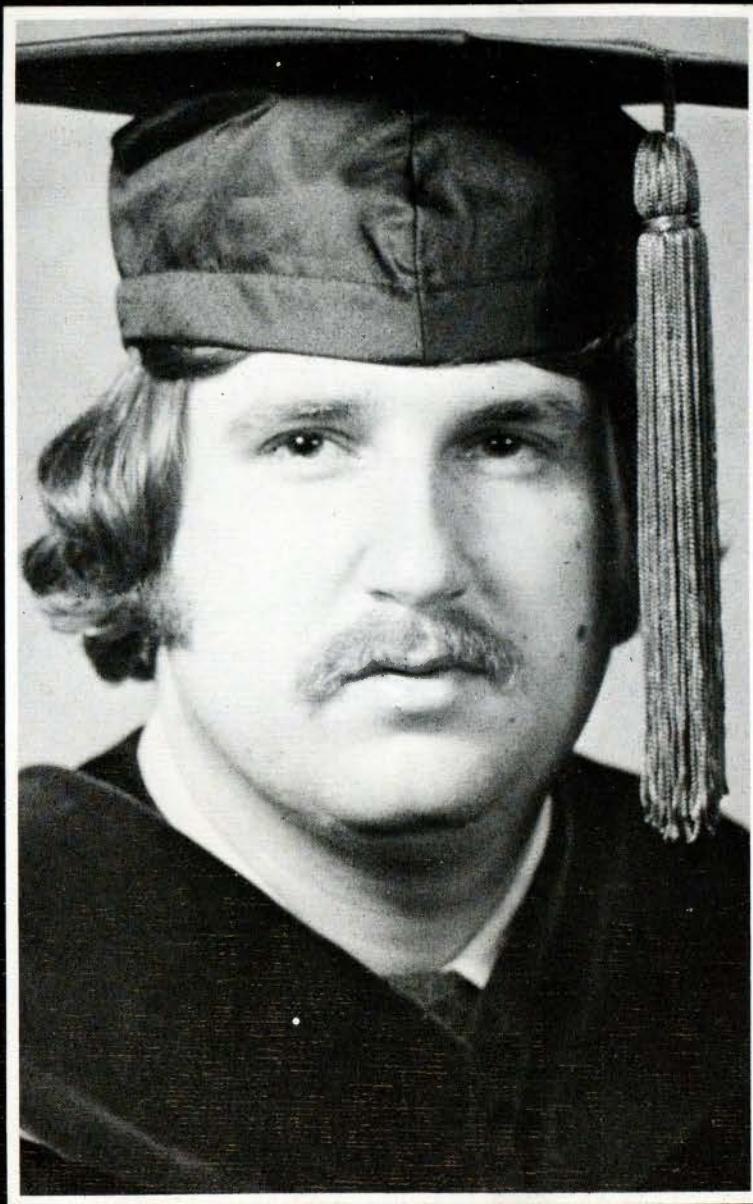
IRA SHELDON, D.O.
Bayside, New York
B.S., Brooklyn College of Pharmacy
PSA



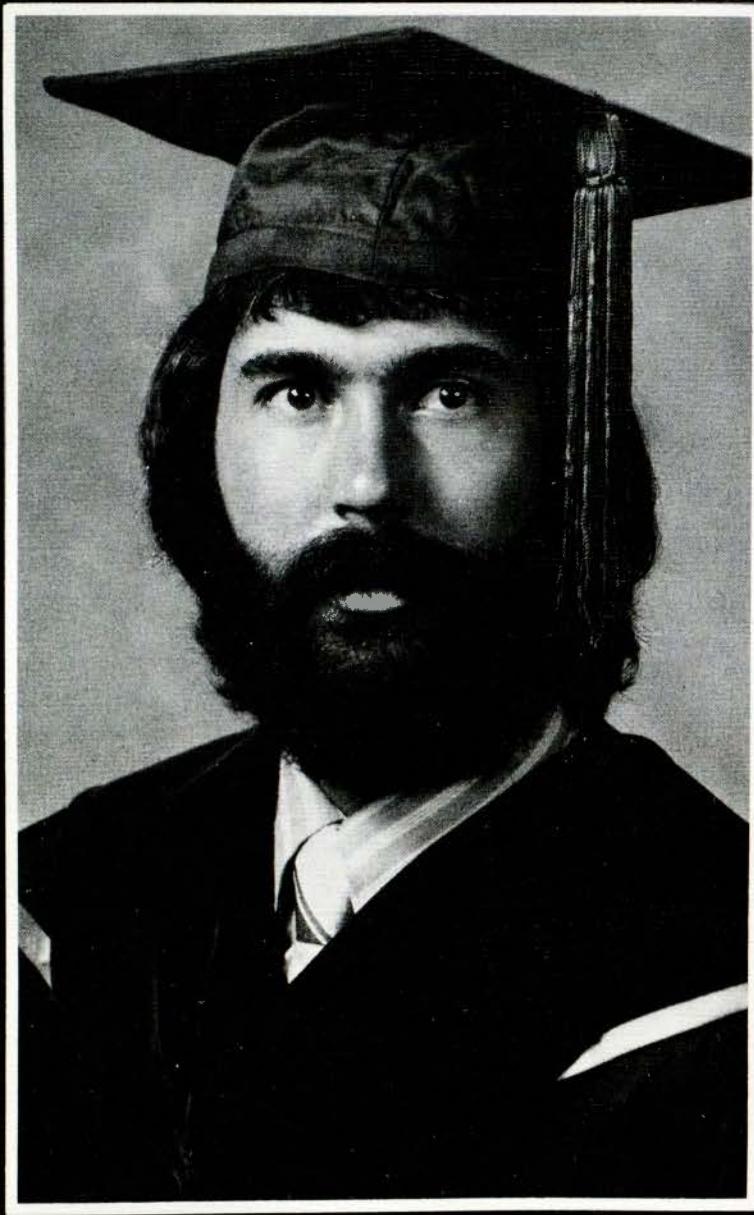
RICHARD SHEPARD, D.O.
University Heights, Ohio
B.A., University of Wisconsin



WARREN STEVEN SILBERMAN, D.O.
Philadelphia, Pennsylvania
A.A., Community College of Philadelphia
B.A., Temple University
Anatomy Lab Assistant



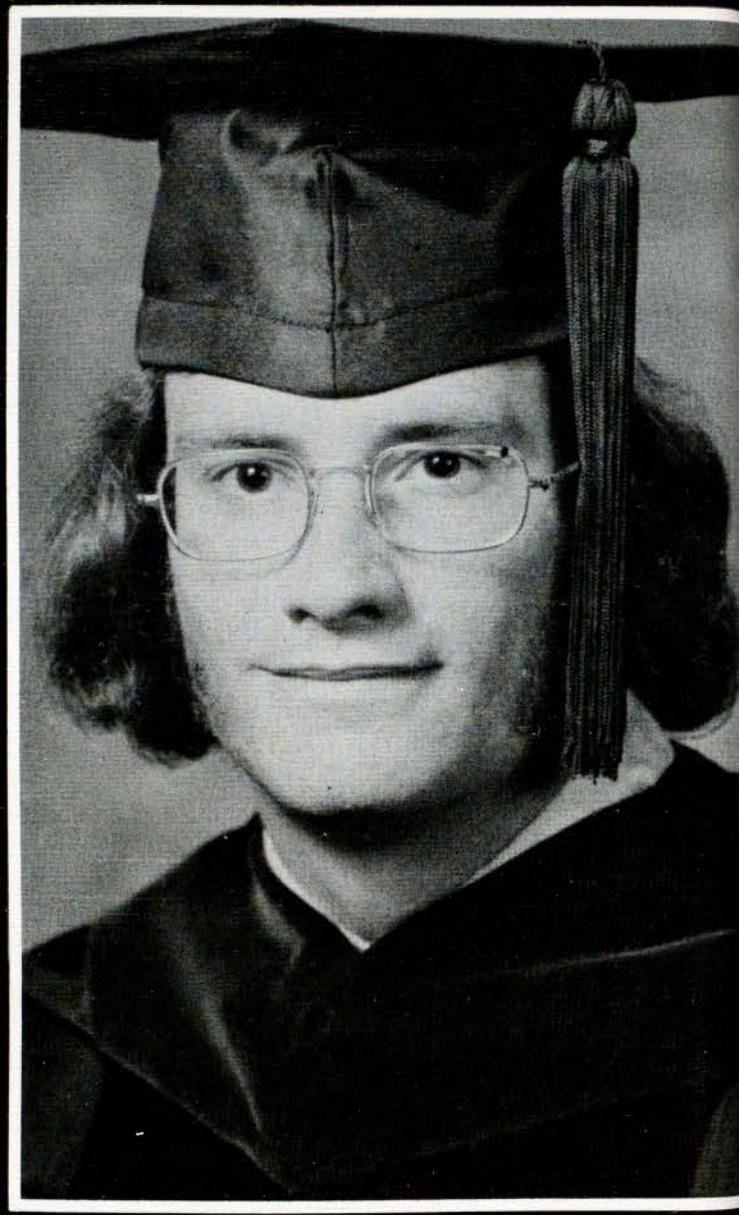
PAUL I. SILVERSTEIN, D.O.
Clark, New Jersey
B.S., Ohio State University
PSG
Anatomy Lab Assistant



ROBERT C. SPRINGER, D.O.

Denver, Colorado

B.A., University of Arizona

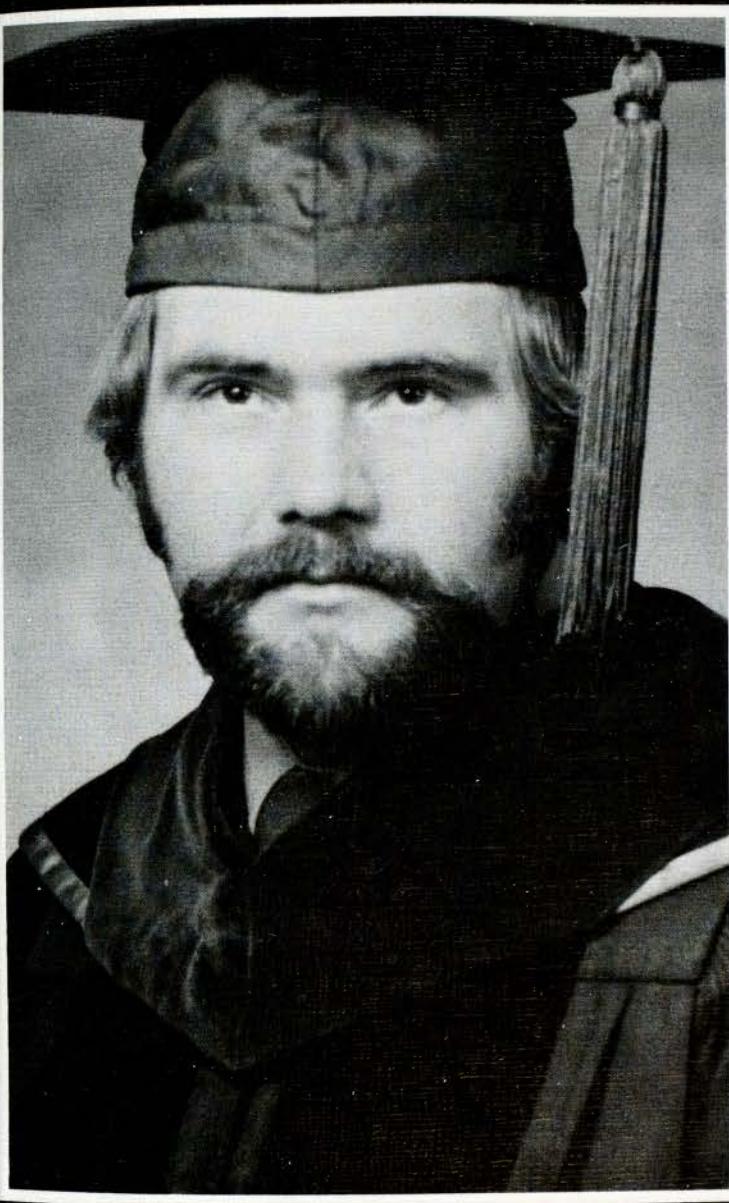


JOHN E. STIMPLER, D.O.

Cuyahoga Falls, Ohio

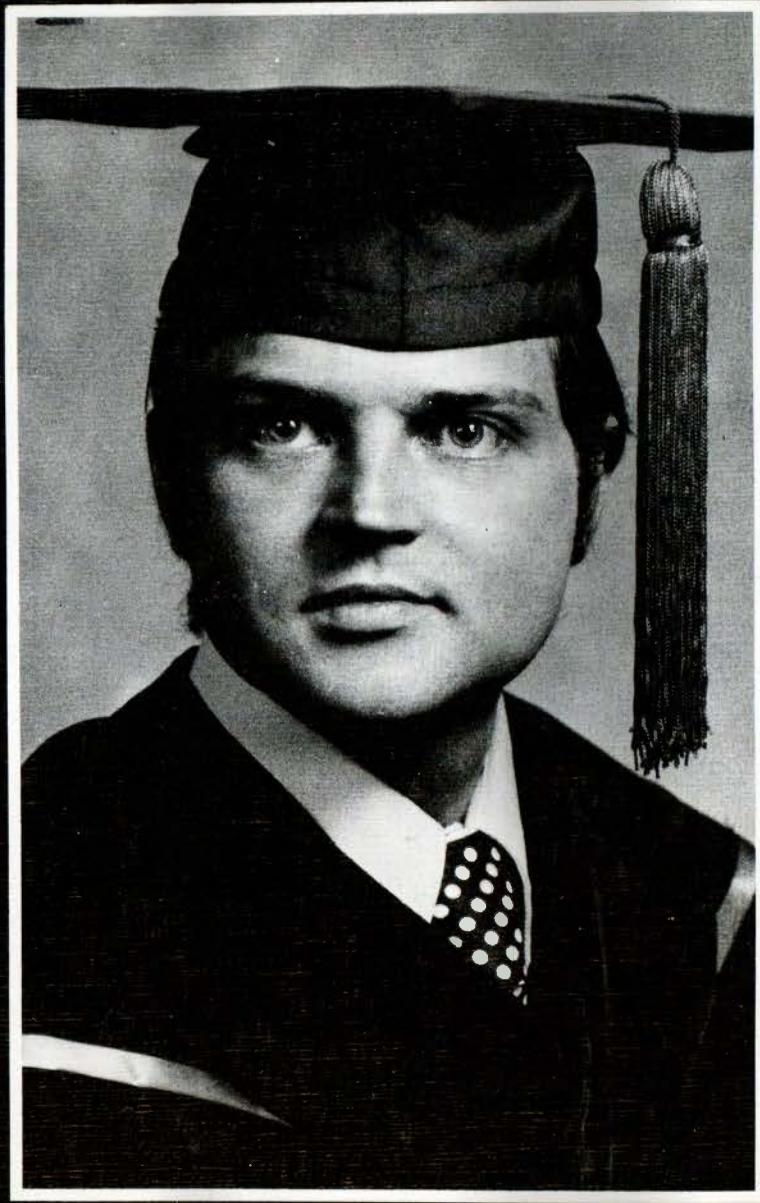
B.S., University of Dayton

PSA



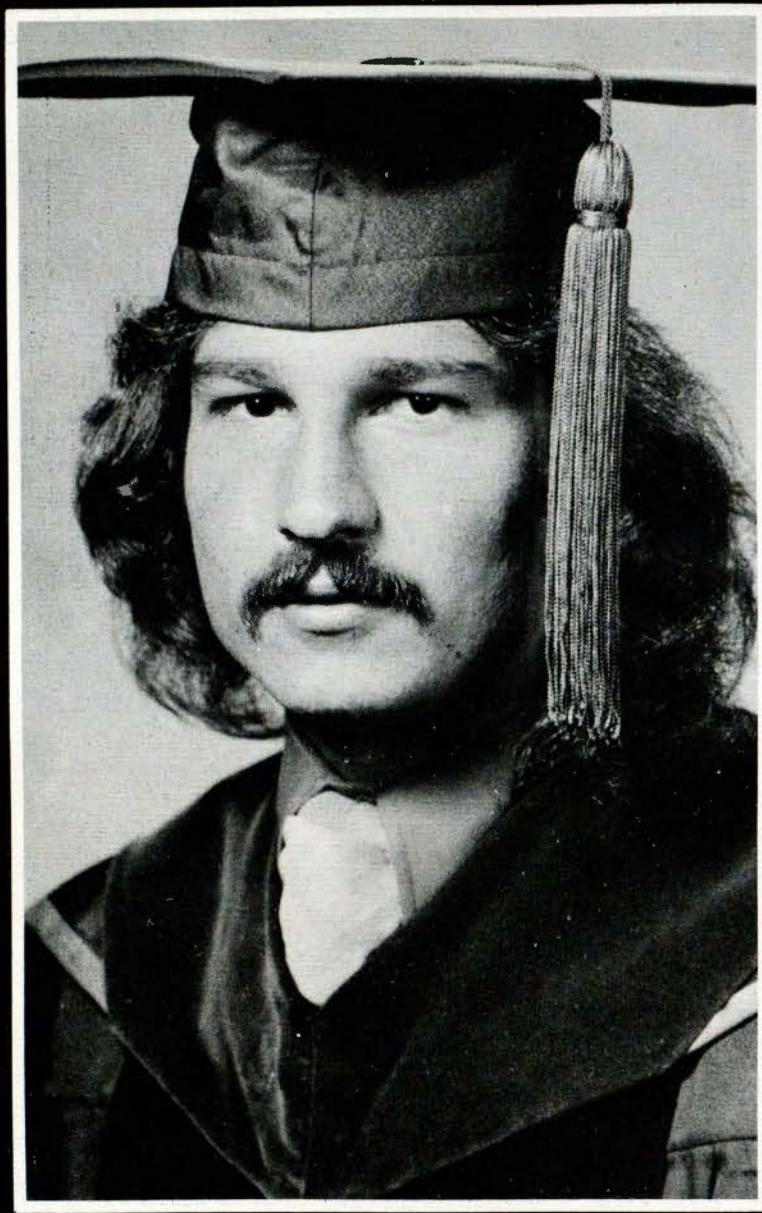
A. JAMES STREELMAN, D.O.

Artesia, California
B.S., Northwestern College
M.S., University of Iowa
Atlas



KENNETH J. SUSKA, D.O.

B.S., Wayne State University
Atlas



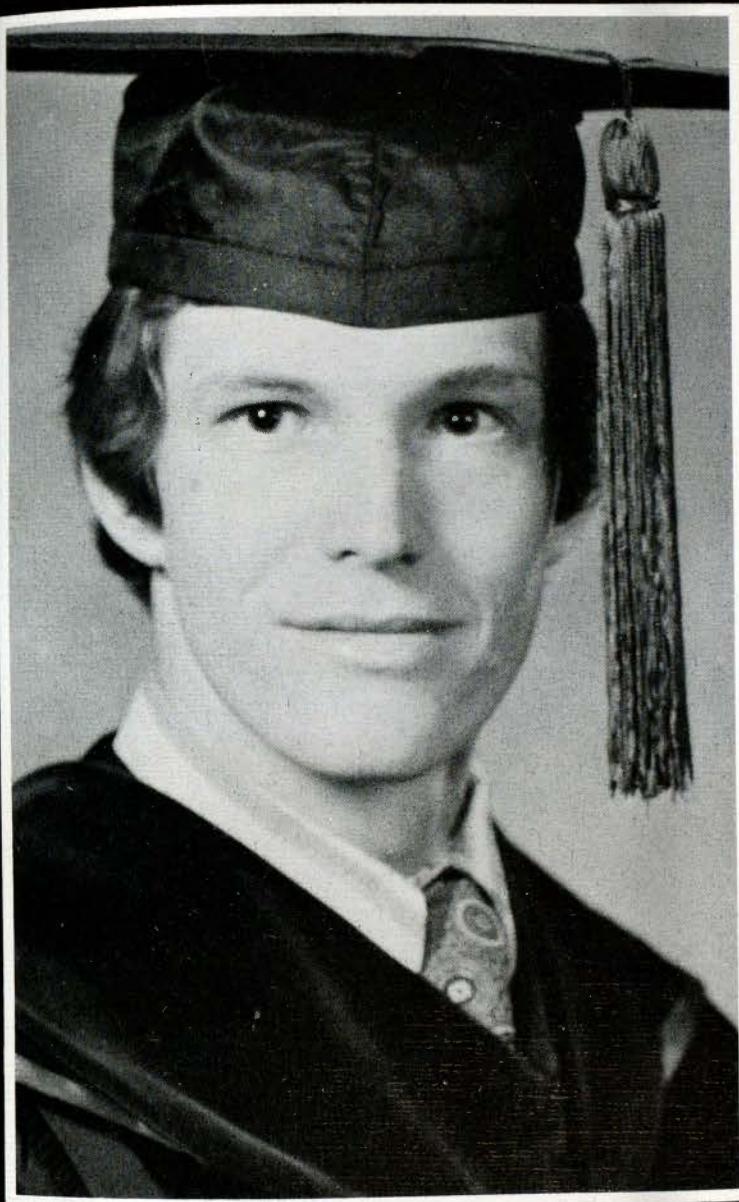
ROBERT G. SYMONS, JR., D.O.

Wilmington, Delaware
B.A., Barrington College

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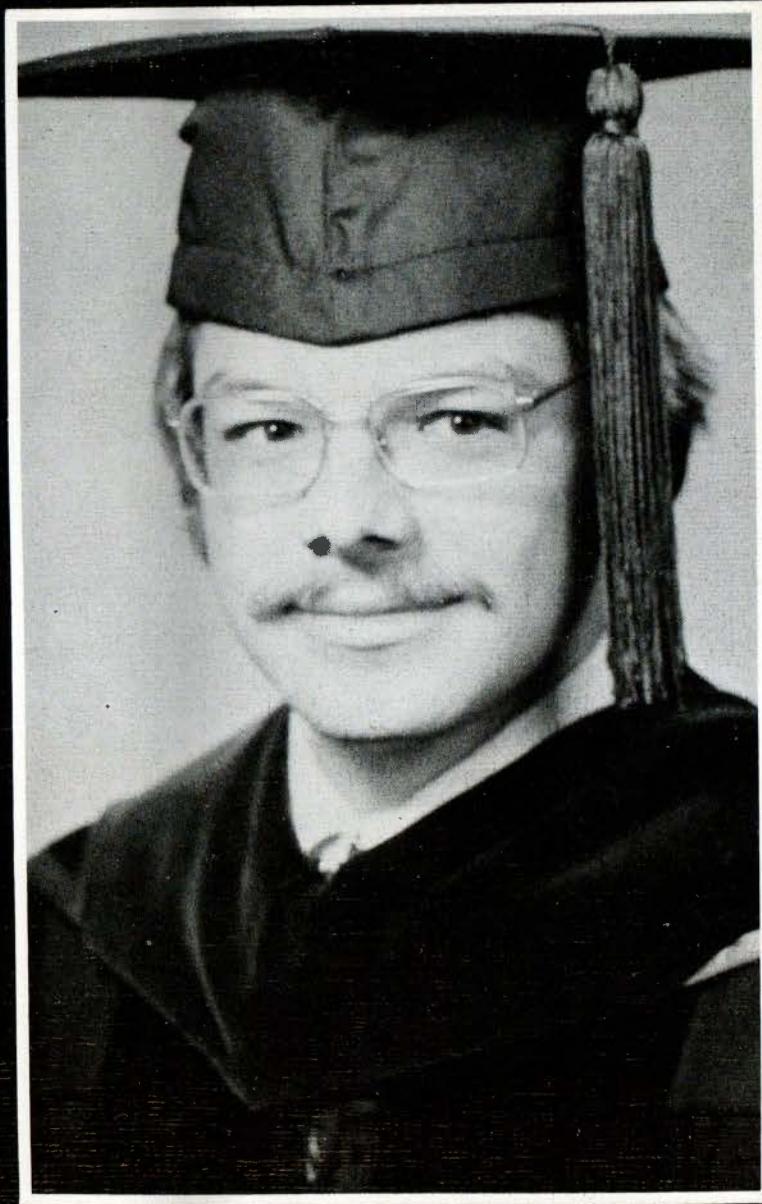
MARC TAFFLIN, D.O.

Philadelphia, Pennsylvania
B.A., B.S., Pennsylvania State University



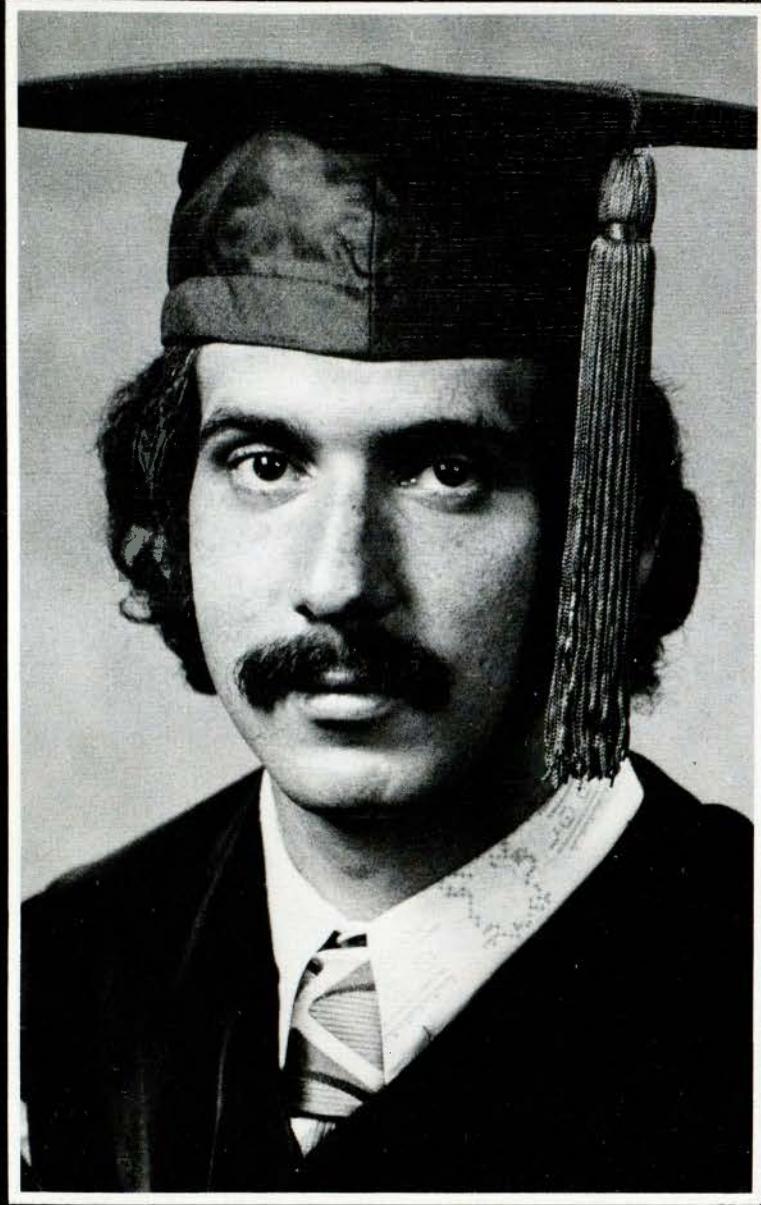
MICHAEL W. TAWNEY, D.O.

New Berlin, Wisconsin
B.A., University of Wisconsin
UAAO



MARK S. TAYLOR, D.O.

Cedar Rapids, Iowa
B.S., Iowa State University
ACGP
SSP

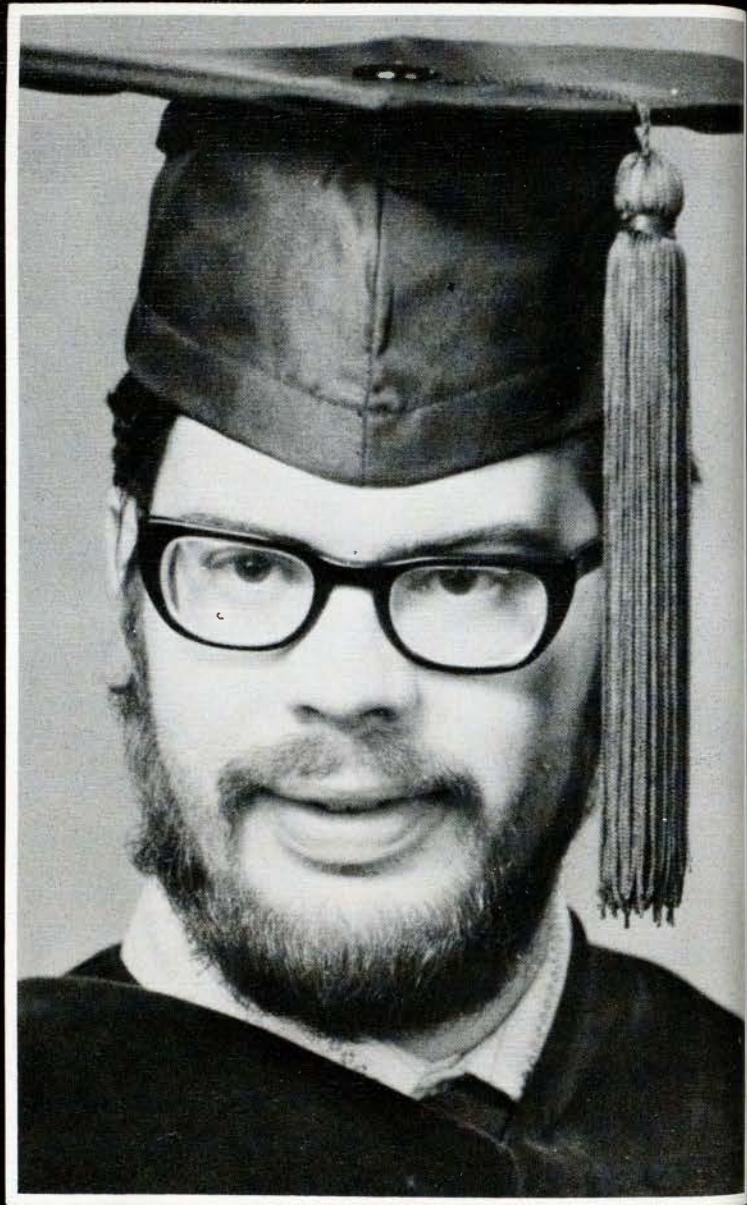


HOWARD R. TEREBELO, D.O.

Southfield, Michigan

B.S., Michigan State University

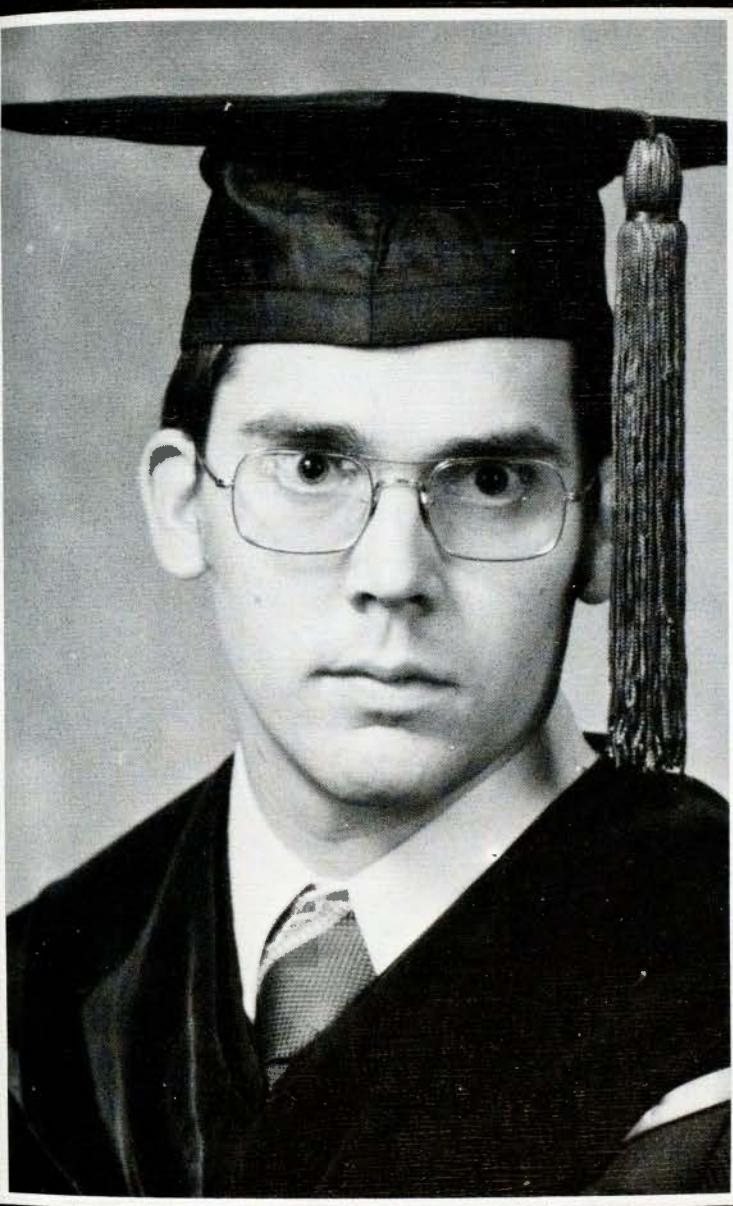
Anatomy lab assistant



ROBERT T. THELLMAN, D.O.

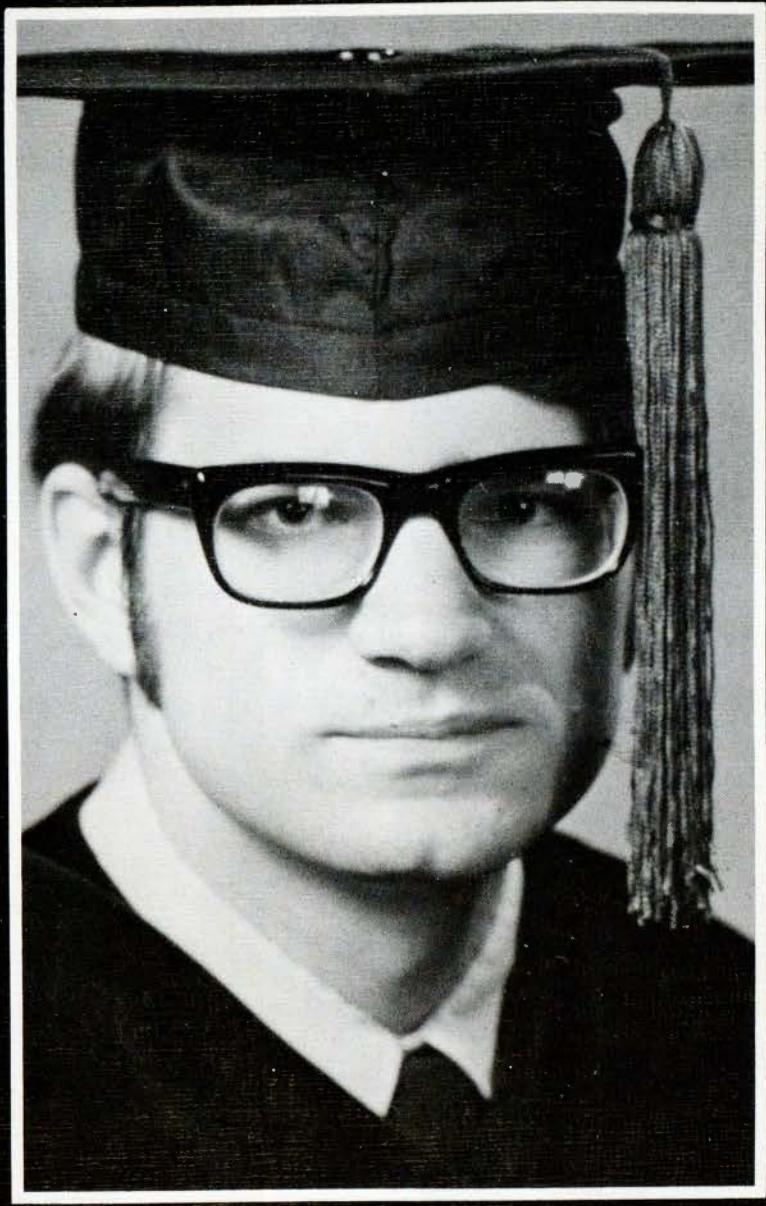
Youngstown, Ohio

B.A., Youngstown State University



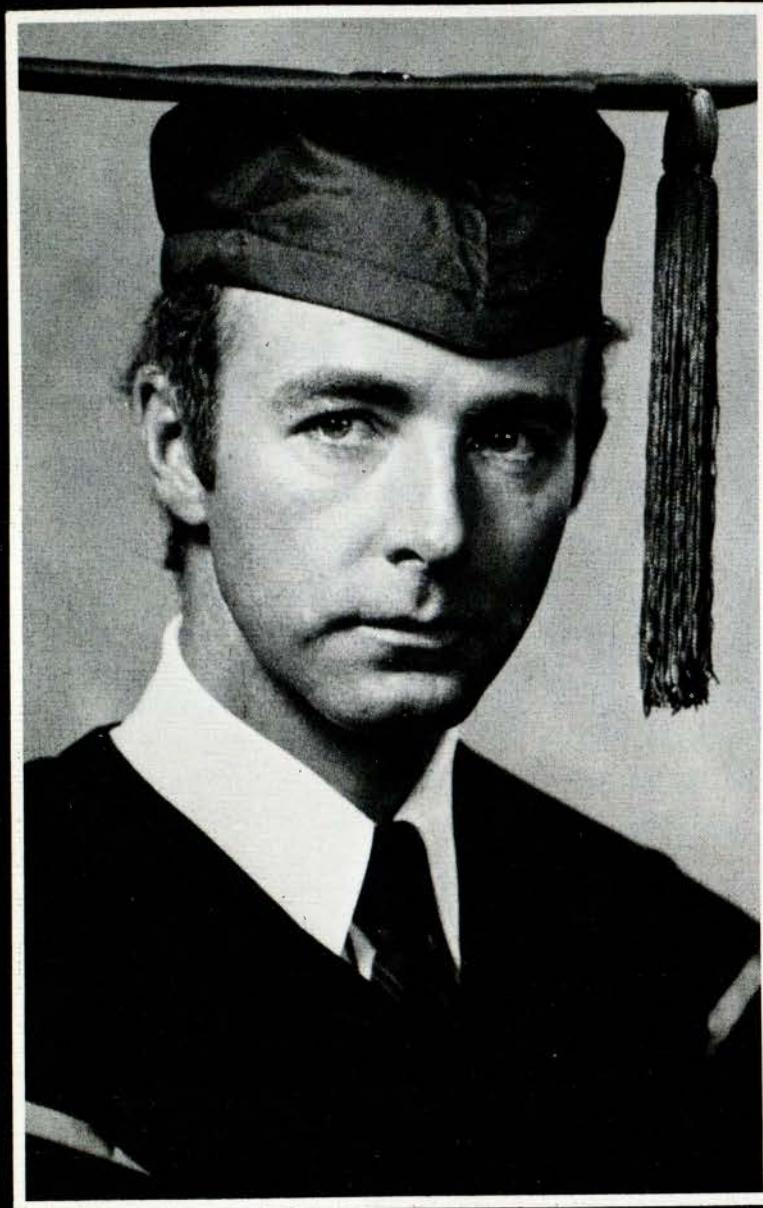
SCOTT J. TILLESON, D.O.

Clintonville, Wisconsin
B.S., Wisconsin State University
SSP
Pacemaker staff
Pathology lab assistant



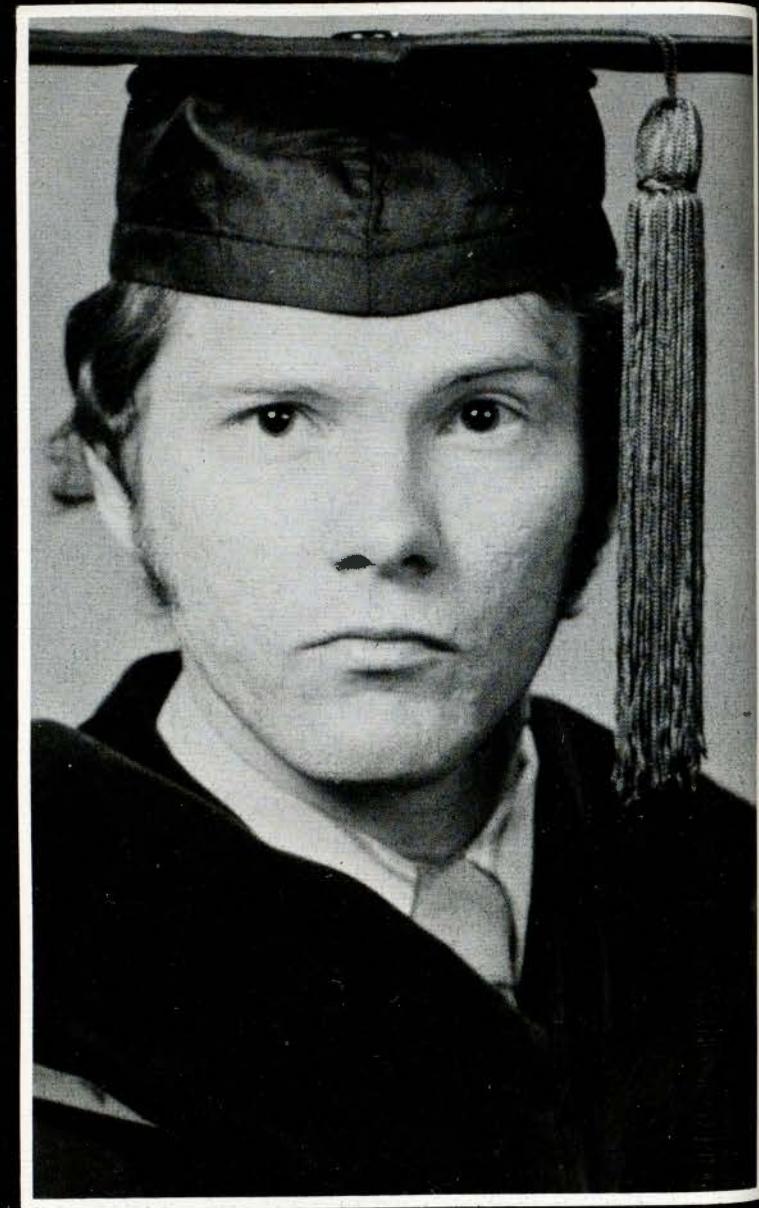
DAVID TOELLER, D.O.

Grand Rapids, Michigan
B.S., University of Michigan



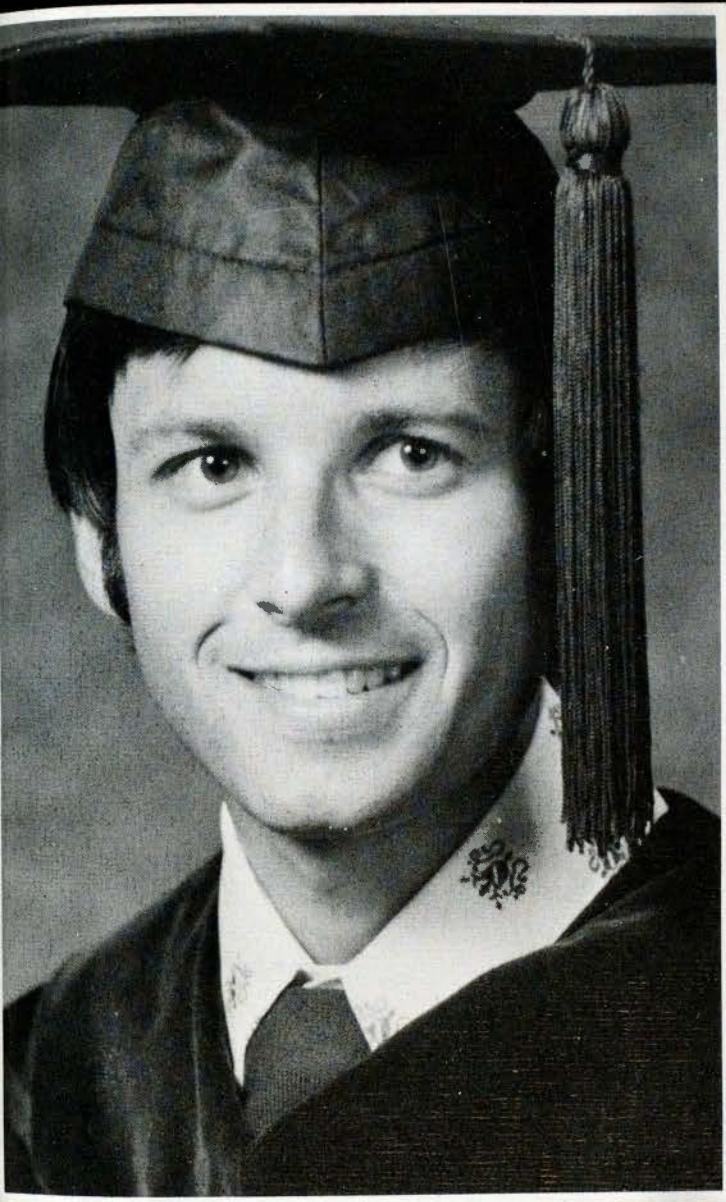
DONALD A. UNDERWOOD, D.O.

La Grande, Oregon
B.S., M.S., Eastern Oregon College

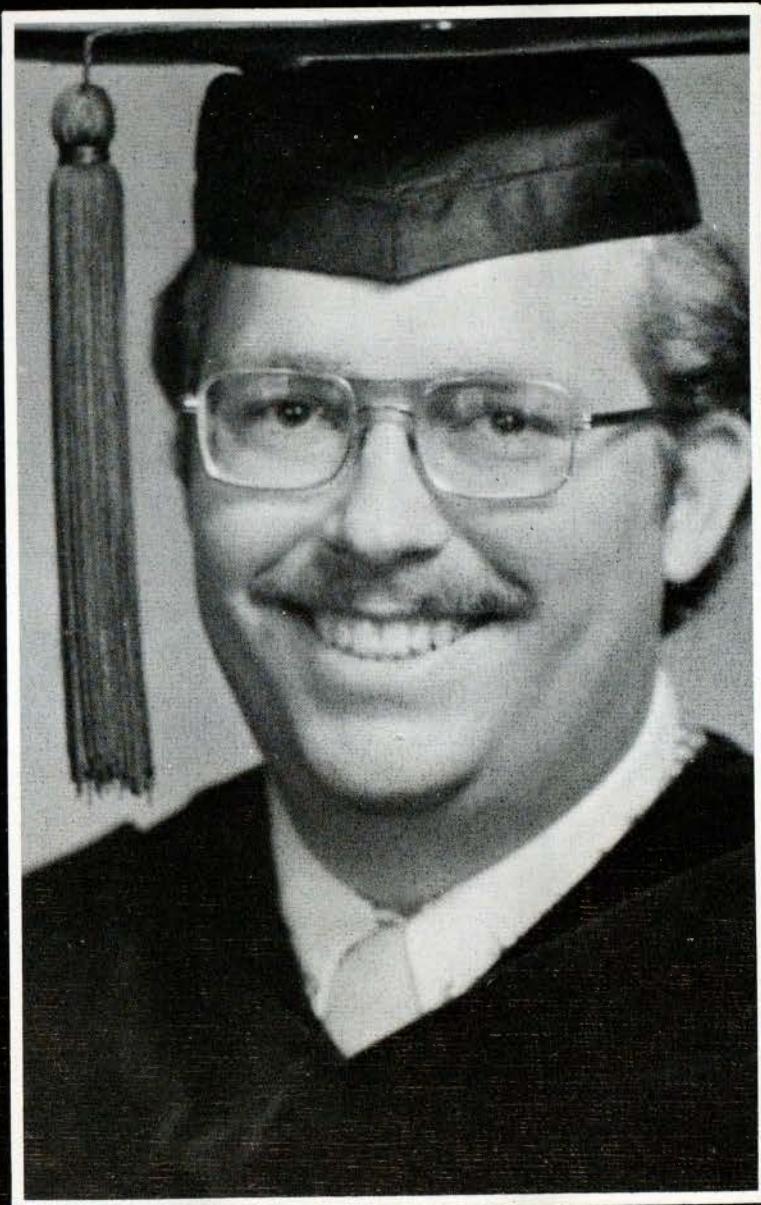


MICHAEL BERNARD VANDEWALLE, D.O.

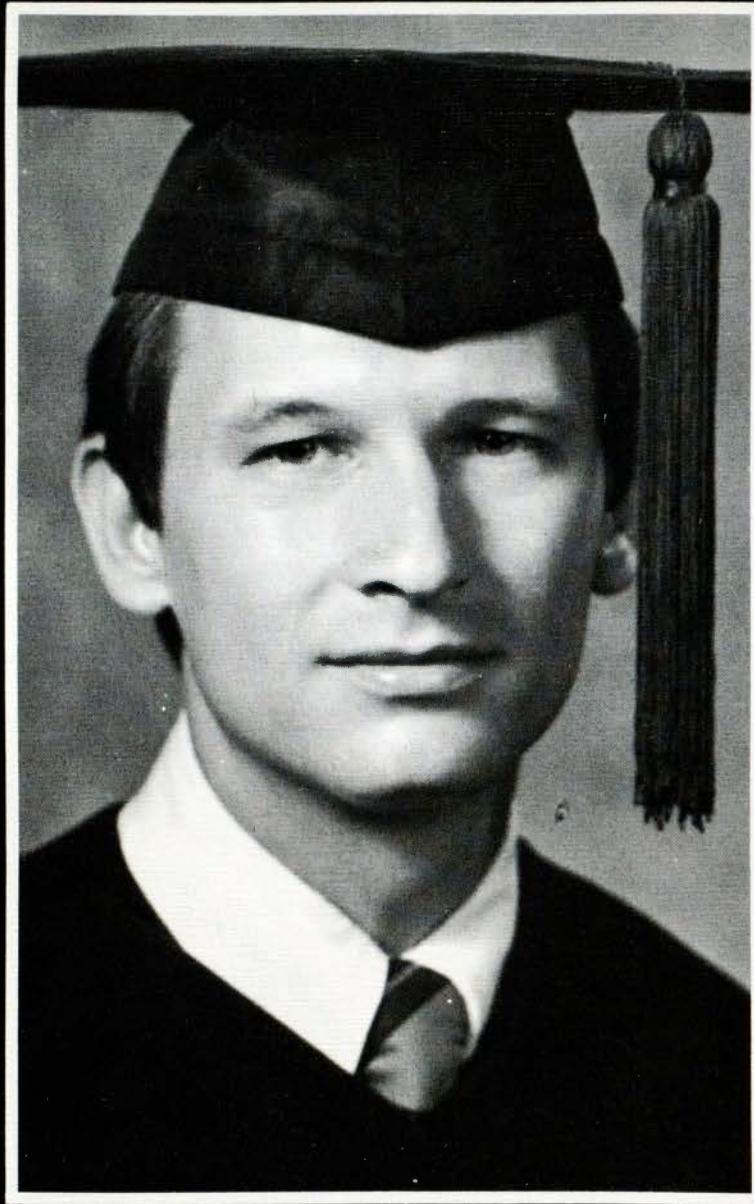
Albion, Nebraska
B.S., Creighton University
Atlas Secretary and Treasurer



JEROME R. VIDD, D.O.
Garfield Heights, Ohio
B.A., Kent State University



DAVE E. WEBSTER, D.O.
Waxahachie, Texas
B.A., University of Texas
UAAO
ACGP
SSP
Pacemaker staff



DAVID LYNN WOLF, D.O.

Kokomo, Indiana

B.S., Manchester College

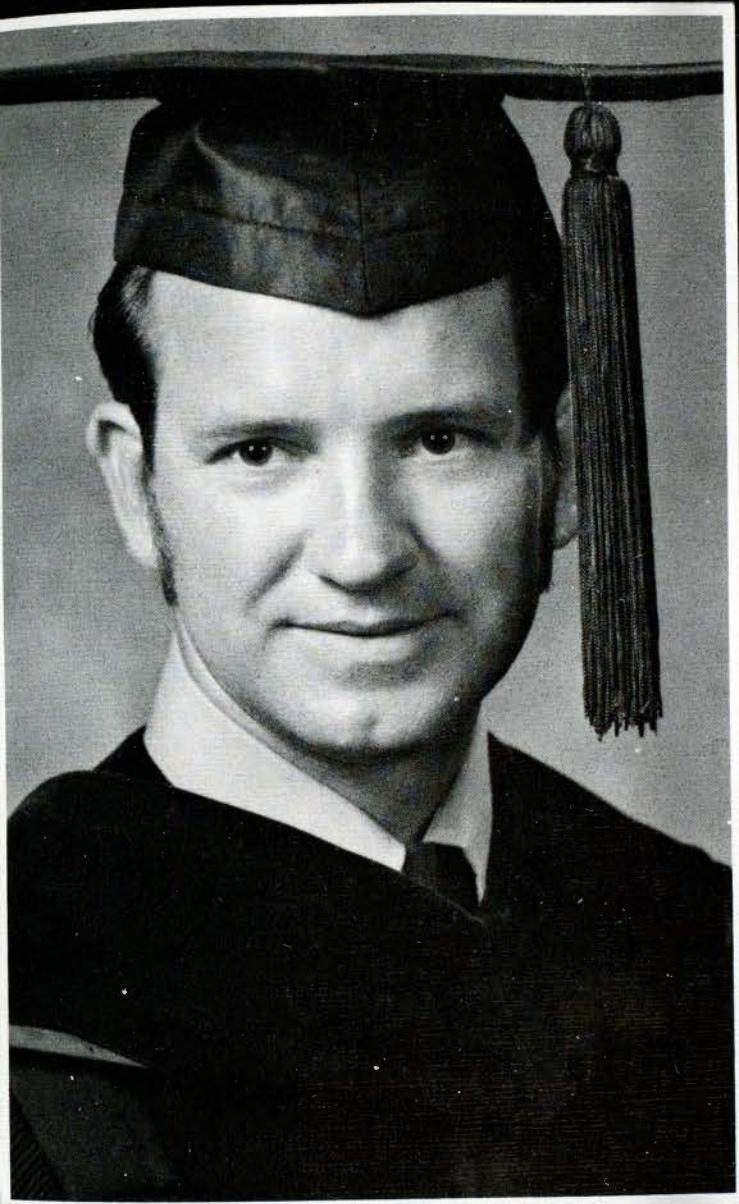
M.S.W., Indiana University

Picture
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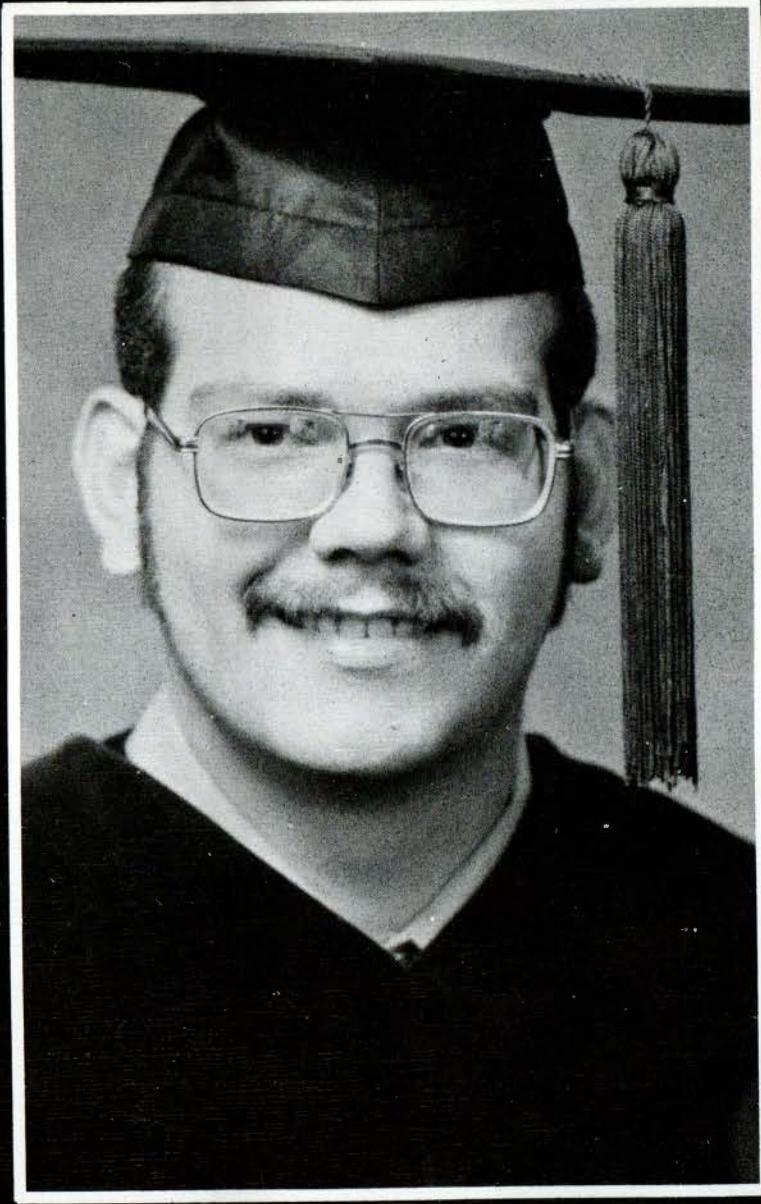
LARRY A. WOODS, D.O.

Buffalo, Minnesota

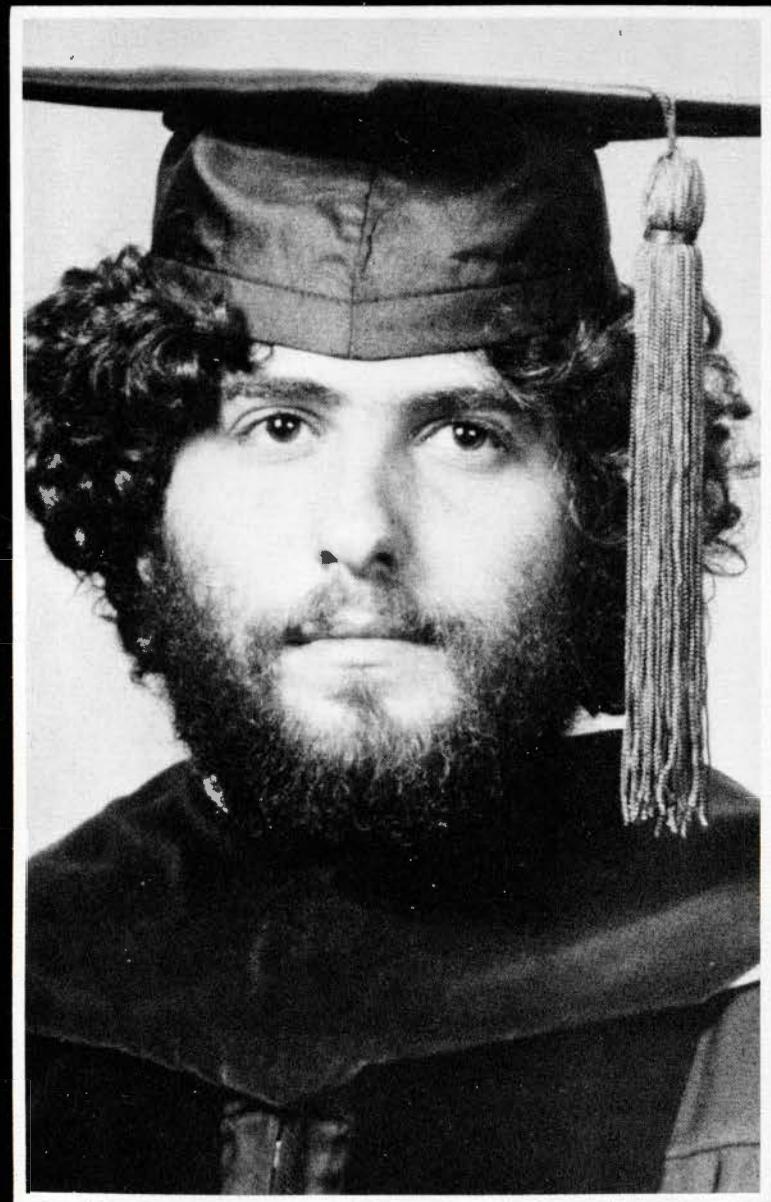
B.A., Concordia College



HOMER J. WRIGHT, D.O.
Vancouver, Washington
B.S., University of Washington
UAAO
ACGP
SOMA



JONATHAN P. WULFF, D.O.
Forest Park, Illinois
B.A., Luther College
UAAO
ACGP
Pacemaker staff

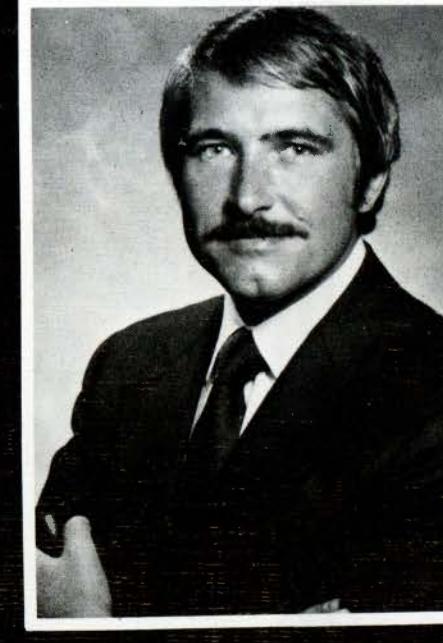
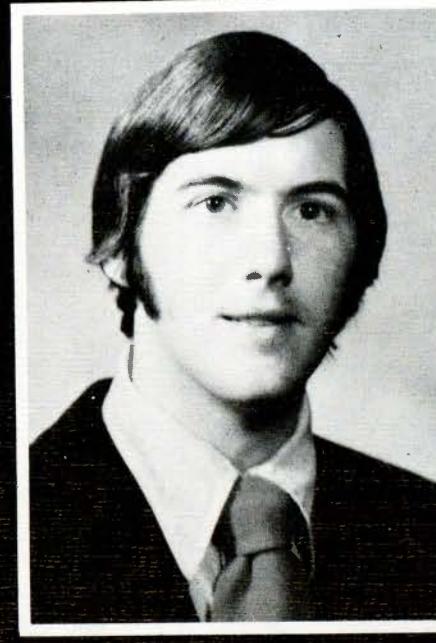
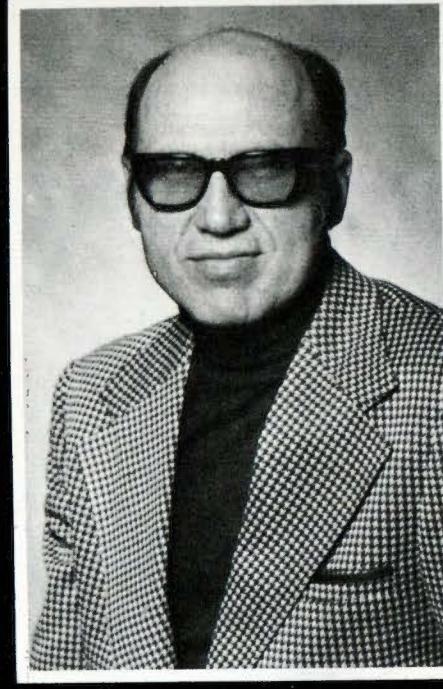
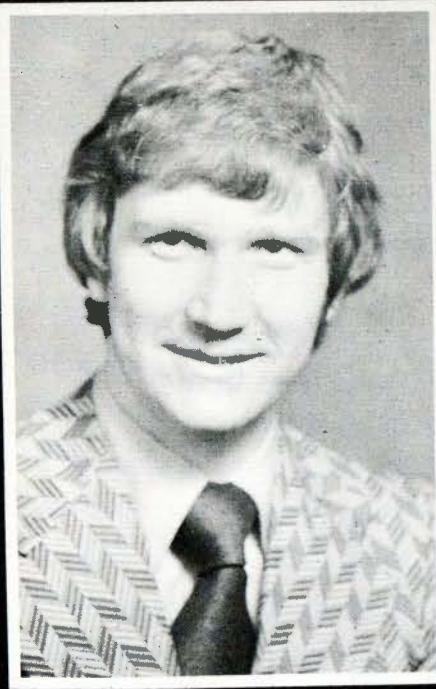
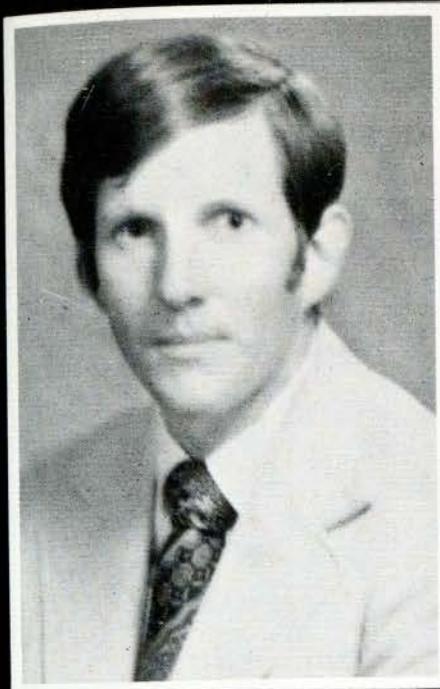


MICHAEL GRIFFIN, D.O.
Cascade, Colorado

SHOKO KUBOTA, D.O.
San Antonio, Texas

ALAN J. ZEND, D.O.
Brooklyn, New York
B.S., City College of New York

Class Officers And Advisors



President
Clayton Shaw, D.O.

Secretary
Paul Panebianco, D.O.

Vice President
Stephen Gleason, D.O.

Treasurer
Robert Boyd, D.O.

Advisor
William Castle, D.O.

Advisor
R. Keith Simpson, D.O.

RIGHT: Doctor McNeil and Student Doctor Felmlee greet visitors at the old North East Clinic. BELOW: Doctor McNeil, Medical Director North East Clinic. BELOW RIGHT: Future site of North-East Area Health Clinic.



Northeast Clinic



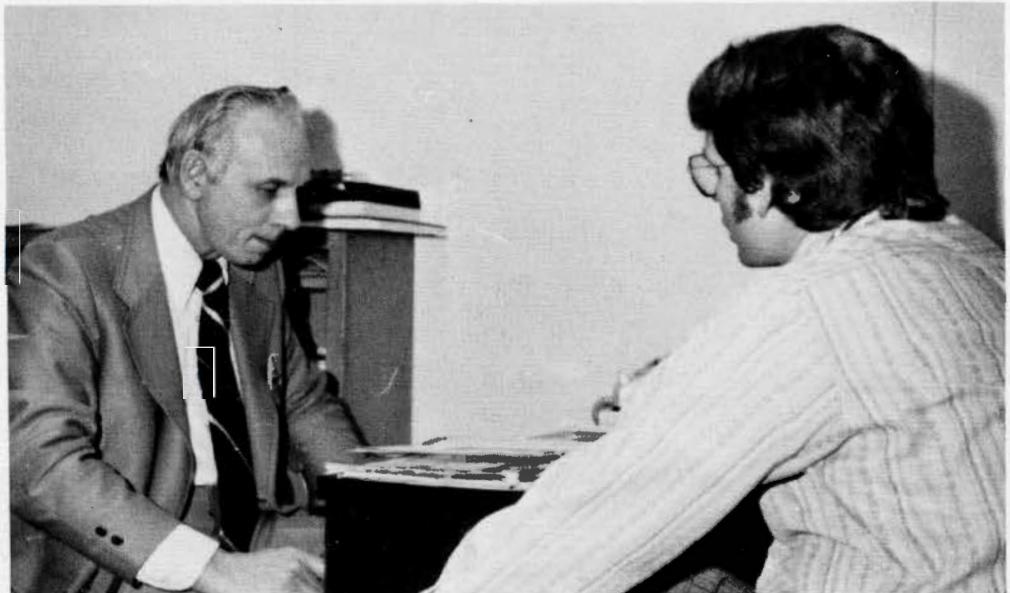
LEFT: Doctor McNeil reviewing chart with Student Doctor Felmlee BELOW LEFT: Student Doctor Felmlee and patient. BELOW RIGHT: Office help.



The recently completed North-East Clinic represents a major step towards health delivery to the hard core poverty area on Des Moines northeast side.

The medical staff at present includes one licensed physician, plus senior students from COMS. The clinic provides general family practice medicine and specialty care referral. The clinic will eventually provide training for up to twelve students.

Southeast Clinic



ABOVE LEFT: Pat Ratliff L.P.N. and Charlotte Humphrey L.P.N. at reception desk ABOVE RIGHT: Doctor Stork, medical director Southeast Clinic BELOW: Doctor Stork and Student Doctor Brinkmeyer RIGHT: Newly completed Southeast Area Clinic

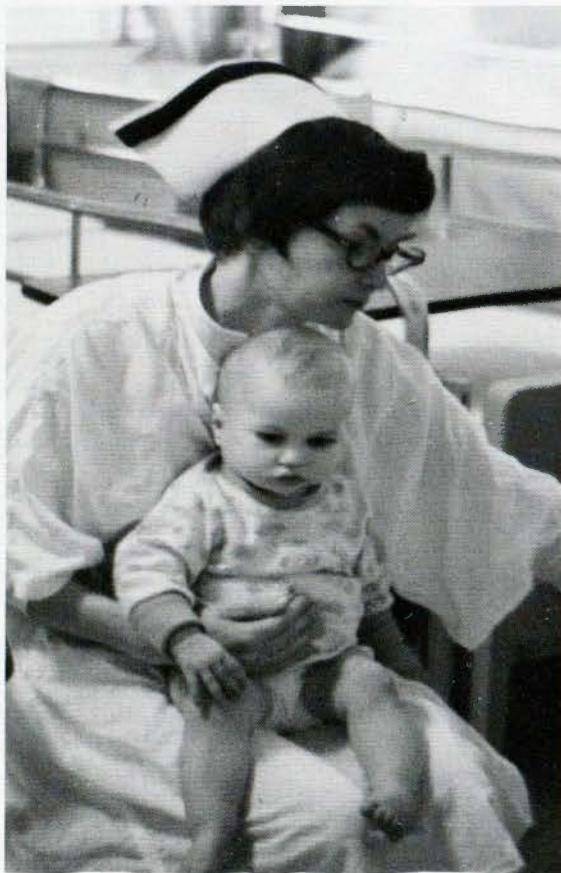
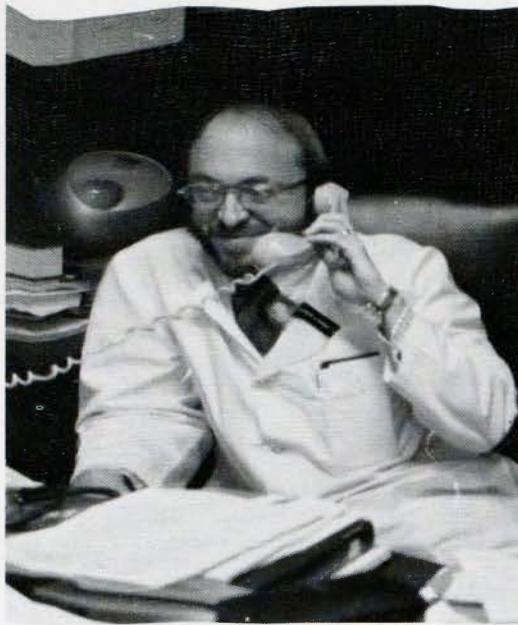
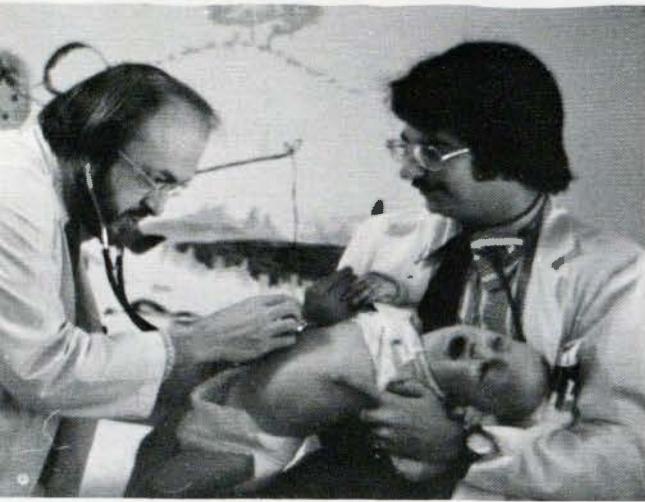


LEFT: Student Doctor Scott Brinkmeyer RIGHT: Student Doctor Dale Dodd



Redfield Family Practice Clinic And Hospital

RIGHT: Dr. Robert Pernot, Staff physician FAR
RIGHT: Dr. Joseph Esposito, Staff physician
BELOW: Dr. Pernot and Student Doctor Aronow
BELOW LEFT: Mrs. L. Coulter R.N. and friend
BELOW RIGHT: Hospital building



Redfield Family Practice Clinic offers the student an ideal exposure to rural general practice medicine. Located forty miles west of Des Moines in a town of nine hundred residents, the facilities are under the direction of two full time staff physicians. Adjacent to the clinic is a seventeen bed

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Student Doctor Terry Kanning during morning rounds at Redfield Hospital

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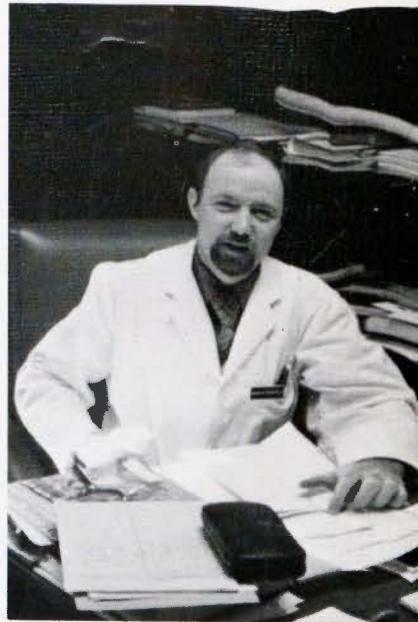
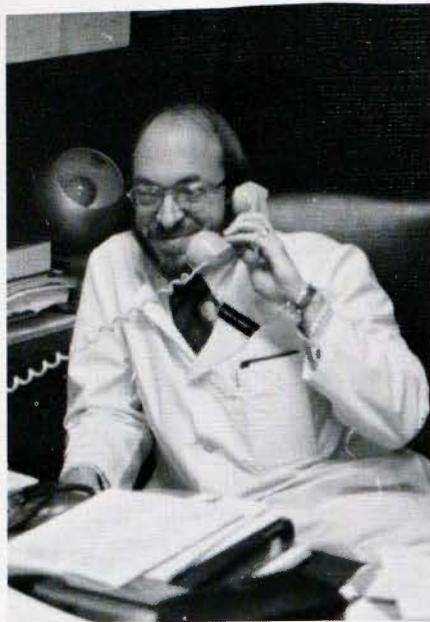
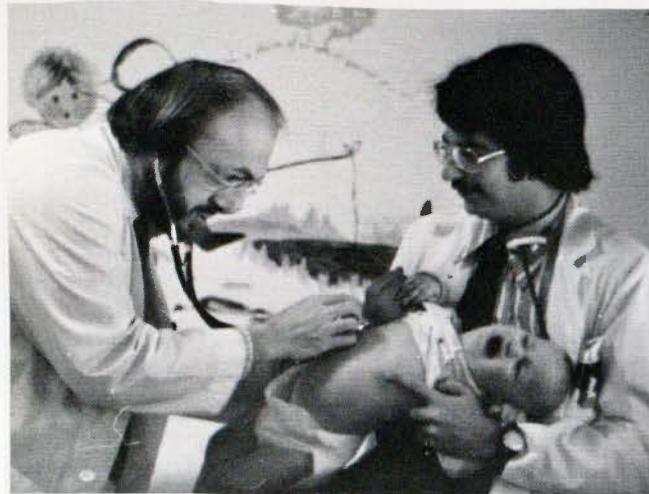
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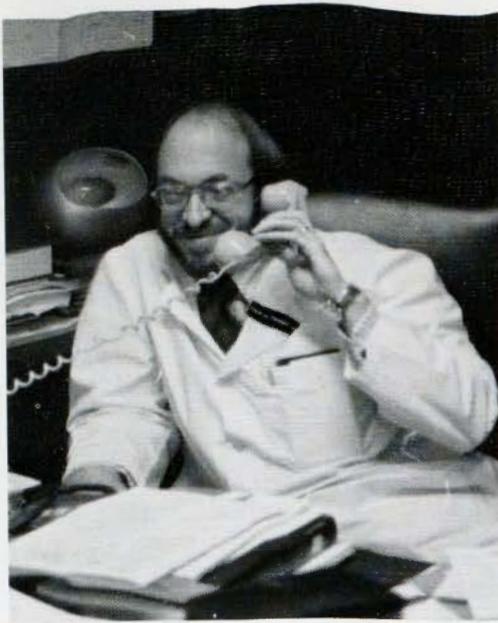
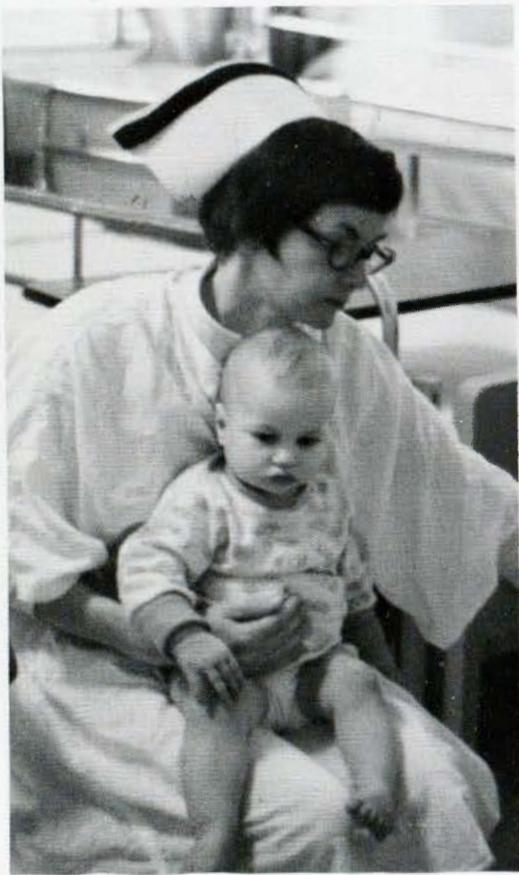
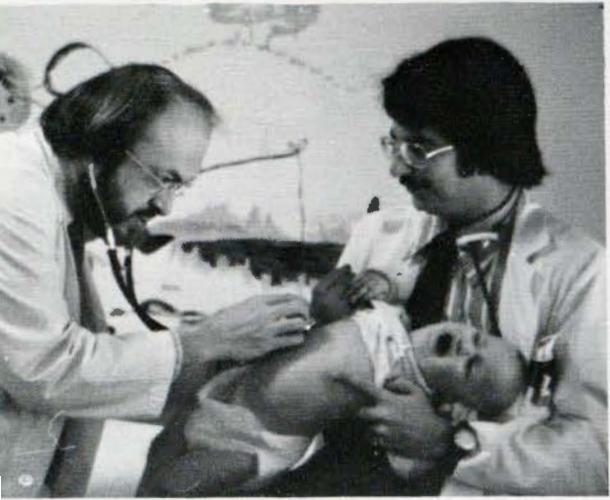
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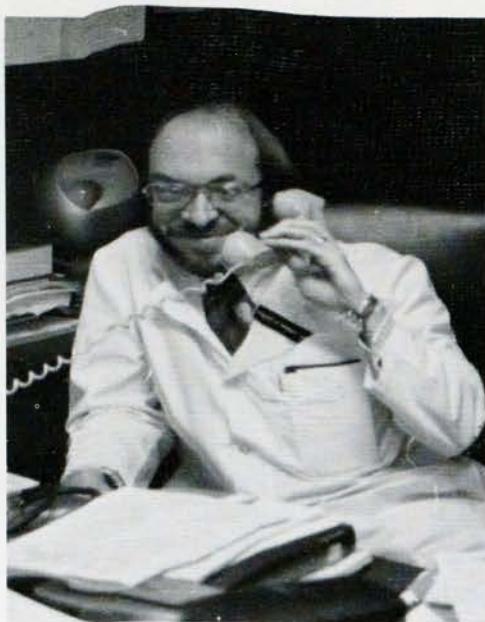
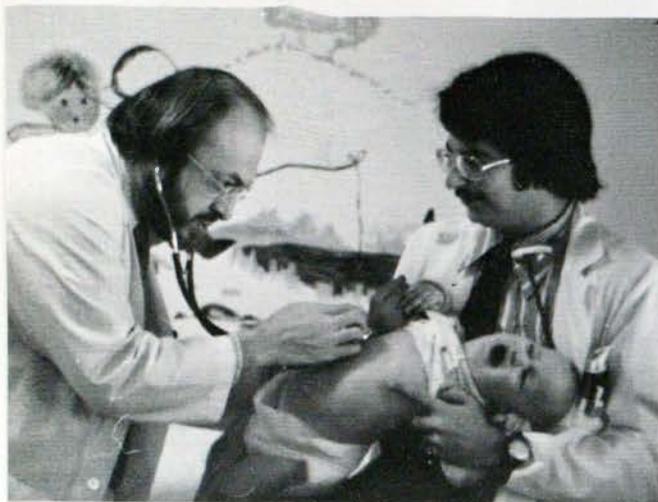
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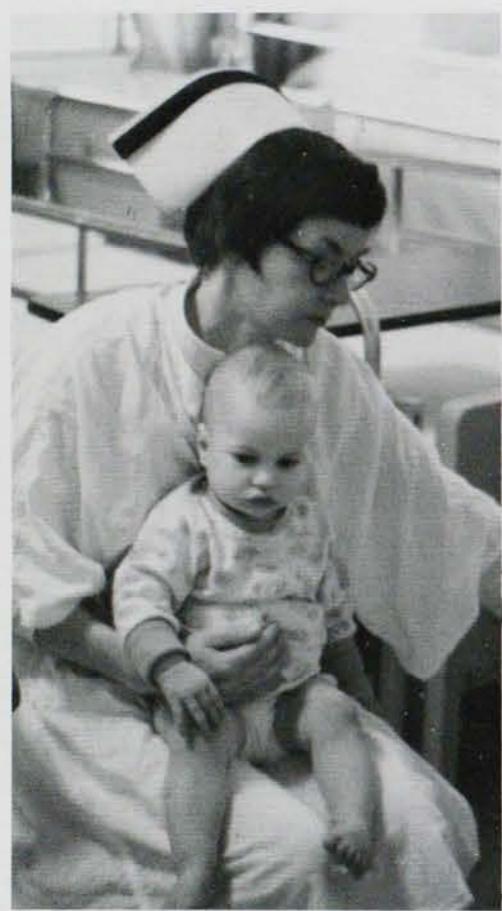
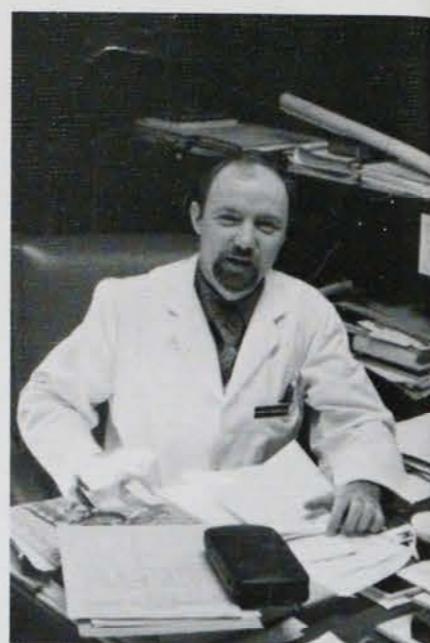
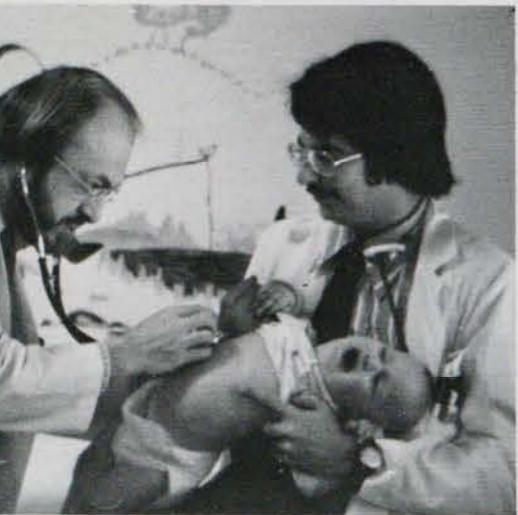


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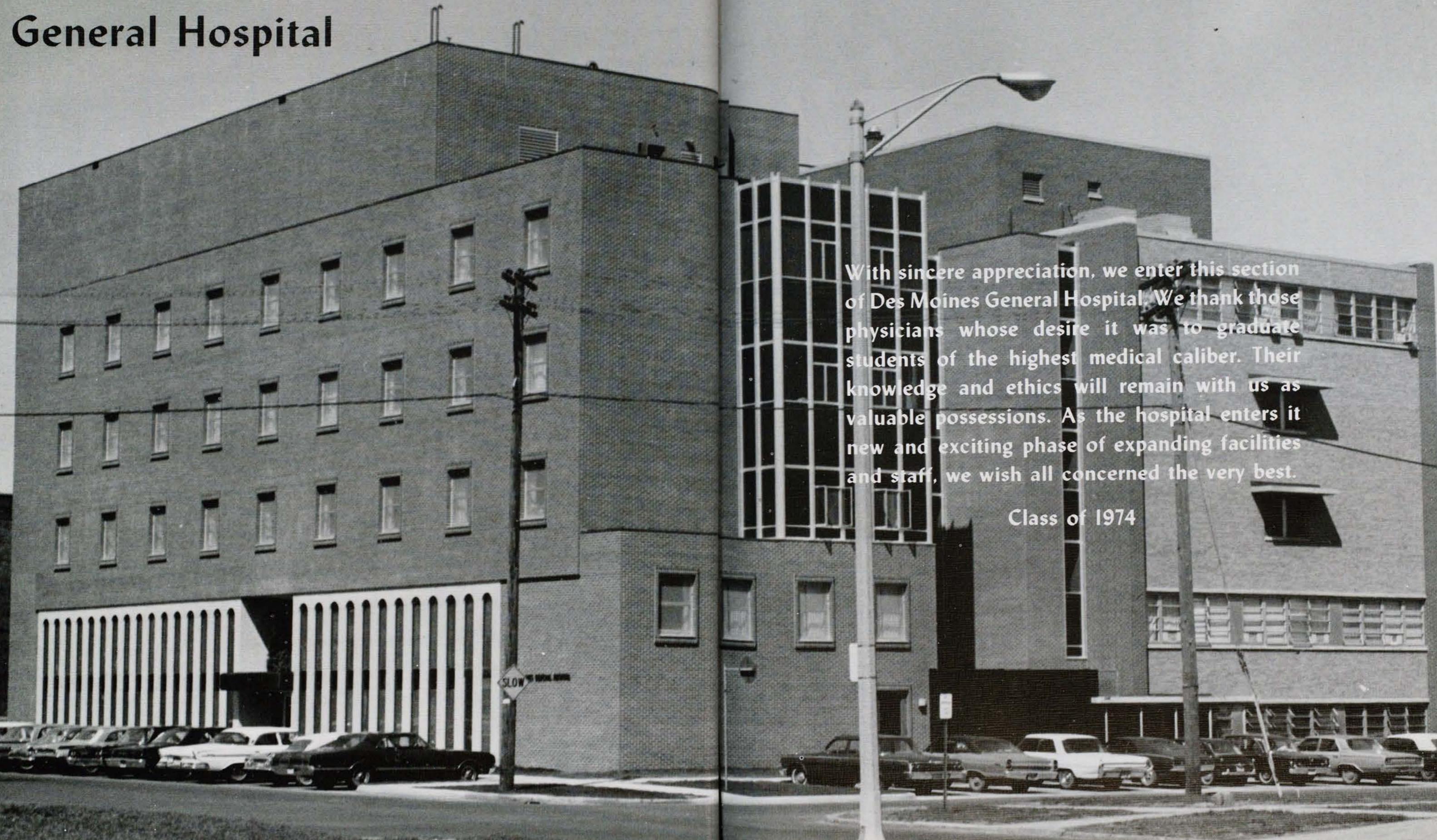
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MERCY HOSPITAL

HOSPITALS

Des Moines General Hospital



With sincere appreciation, we enter this section of Des Moines General Hospital. We thank those physicians whose desire it was to graduate students of the highest medical caliber. Their knowledge and ethics will remain with us as valuable possessions. As the hospital enters its new and exciting phase of expanding facilities and staff, we wish all concerned the very best.

Class of 1974

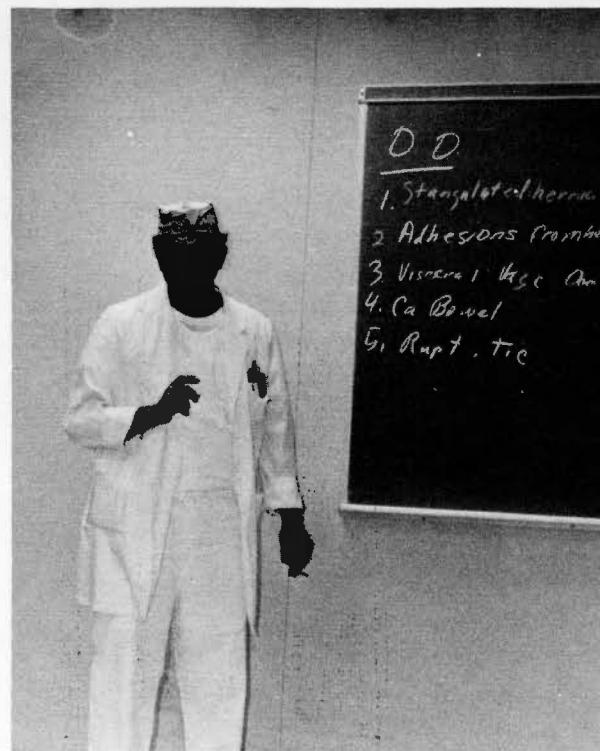
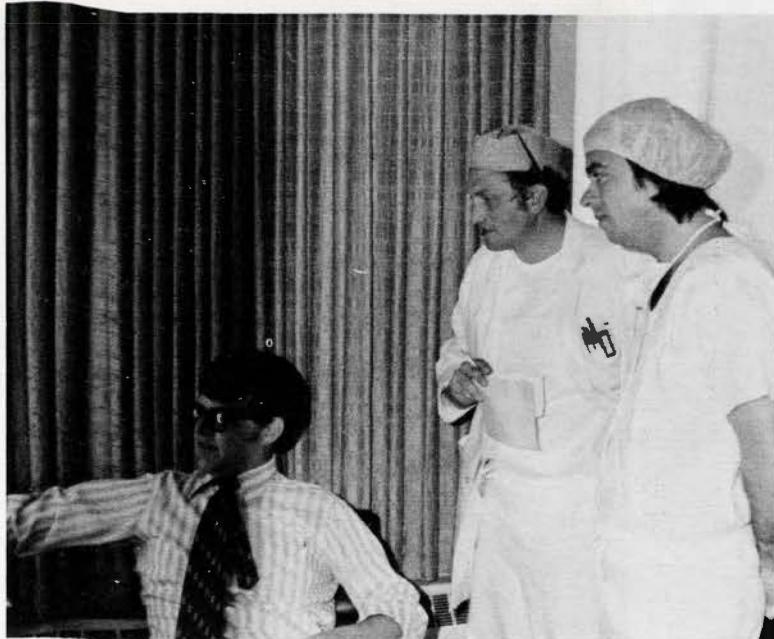
Surgery



ABOVE: Doctors Woods and Bates preparing for surgery.

RIGHT: In the recovery room, nursing personnel keep close vigilance on post-operative patients.

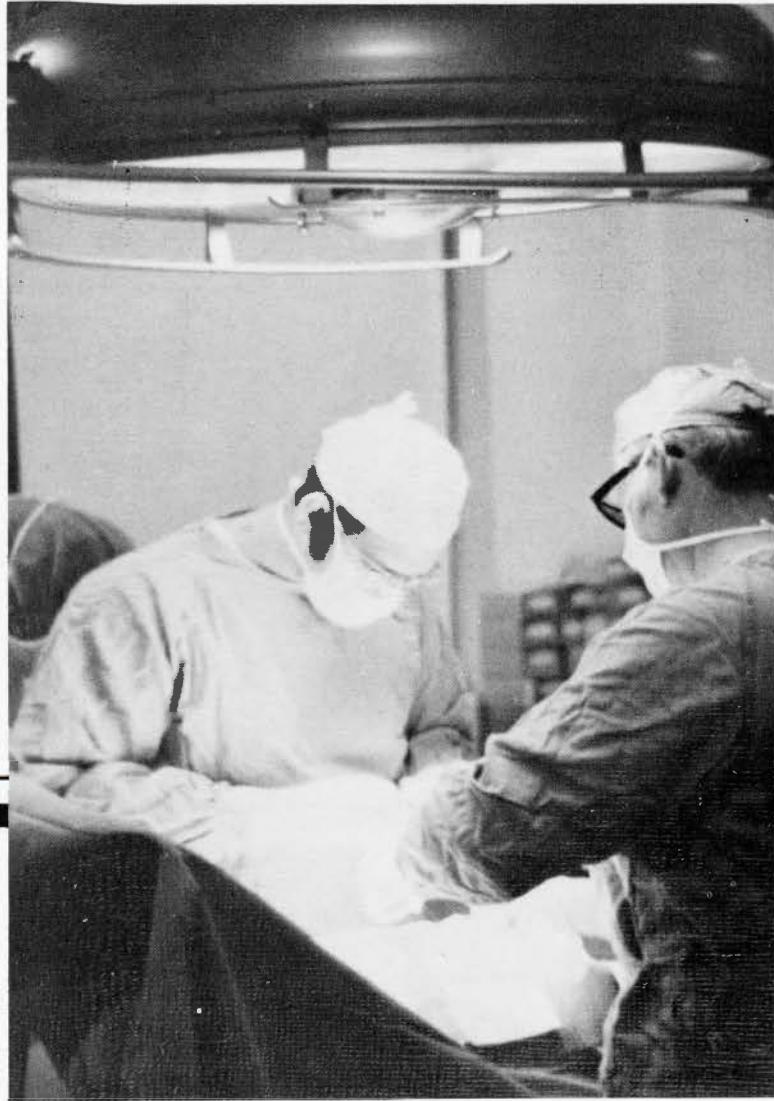




ABOVE LEFT: Doctors Rose, Agnew and Bates discuss x-ray findings.

ABOVE RIGHT: Doctor Rose lectures on the importance of differential diagnosis.

LEFT: Doctor Waterbury and student Doctor Wulff perform a post-partum Tubal Ligation.



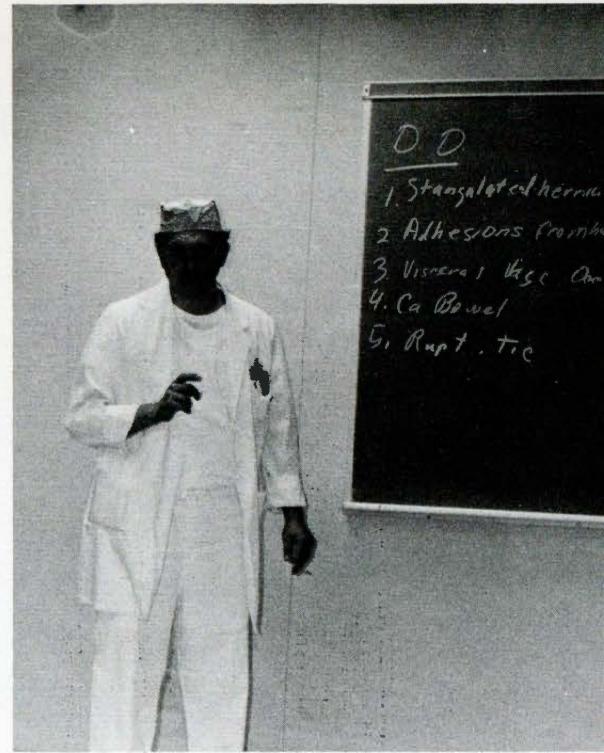
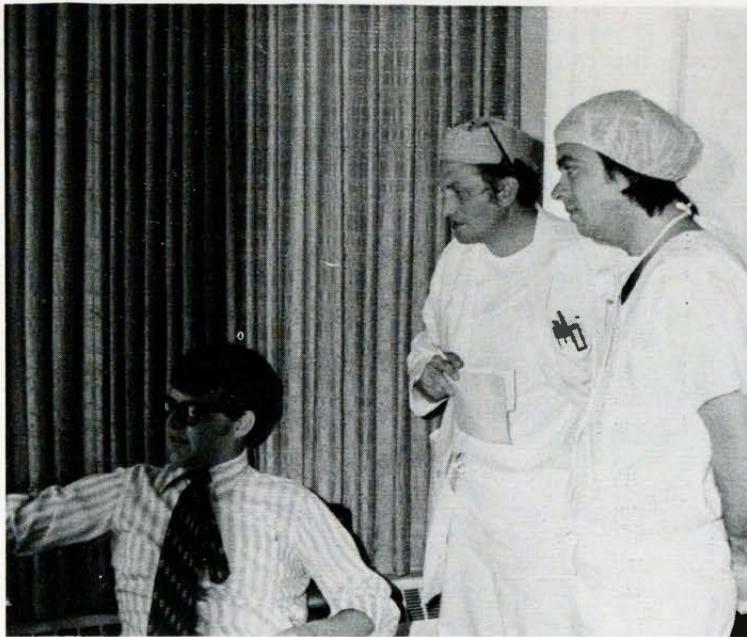
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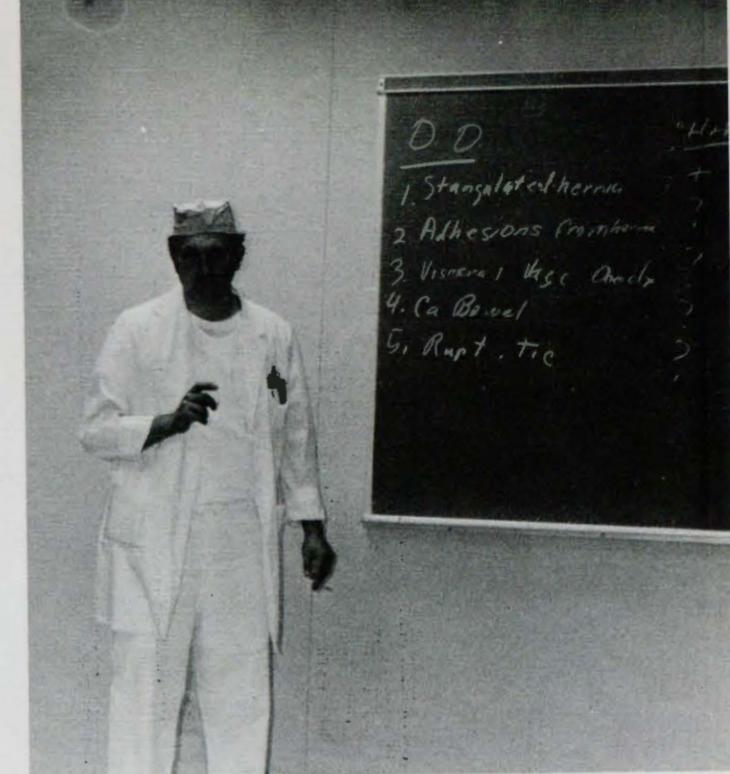
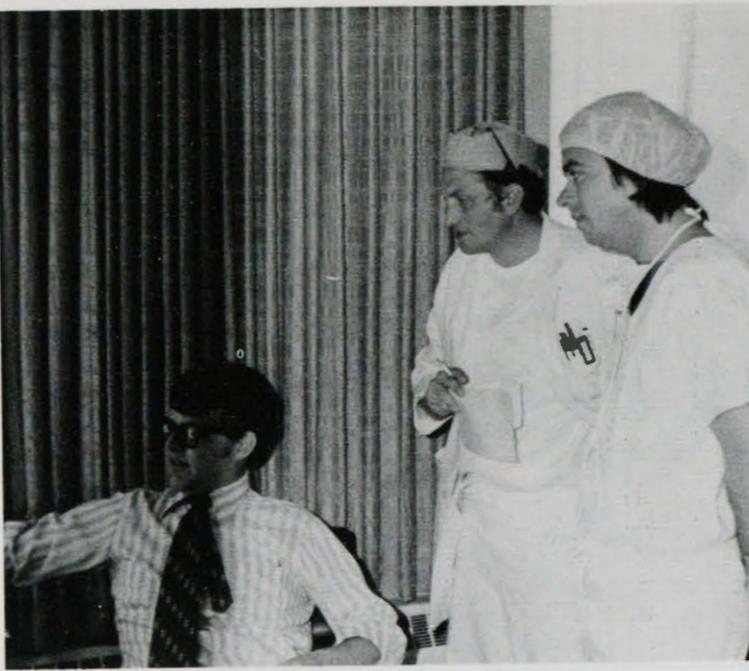
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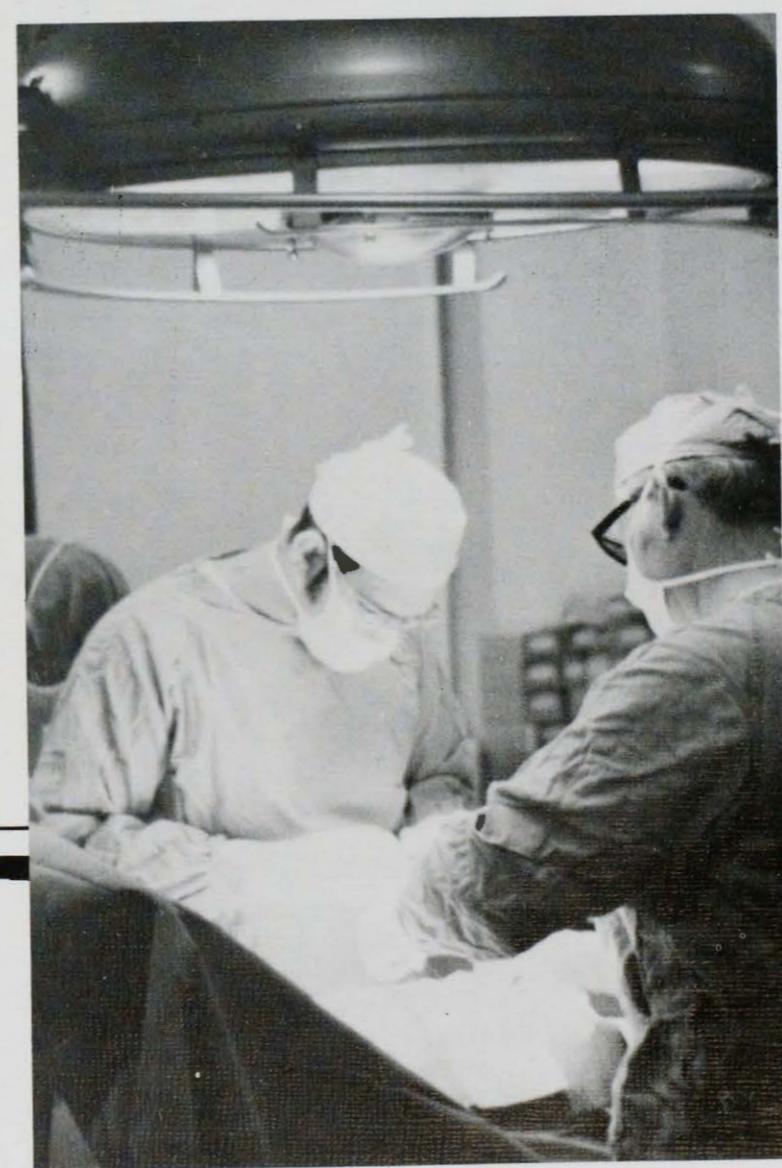
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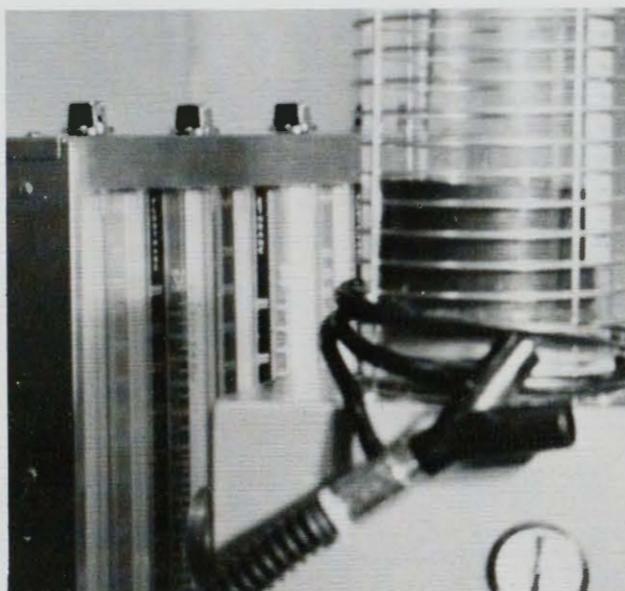
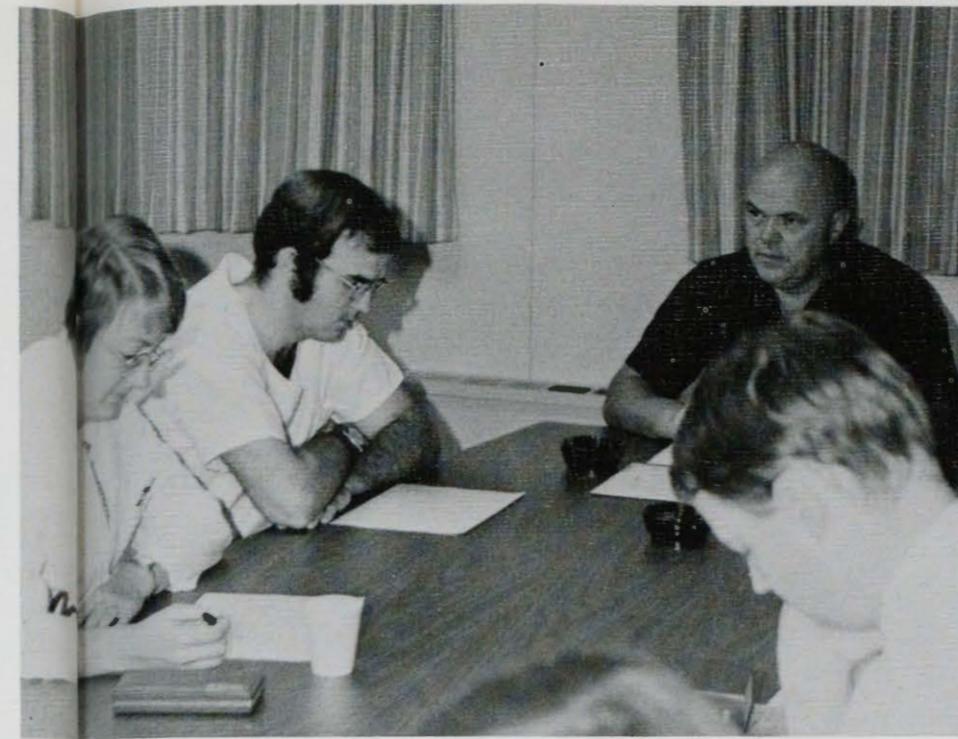
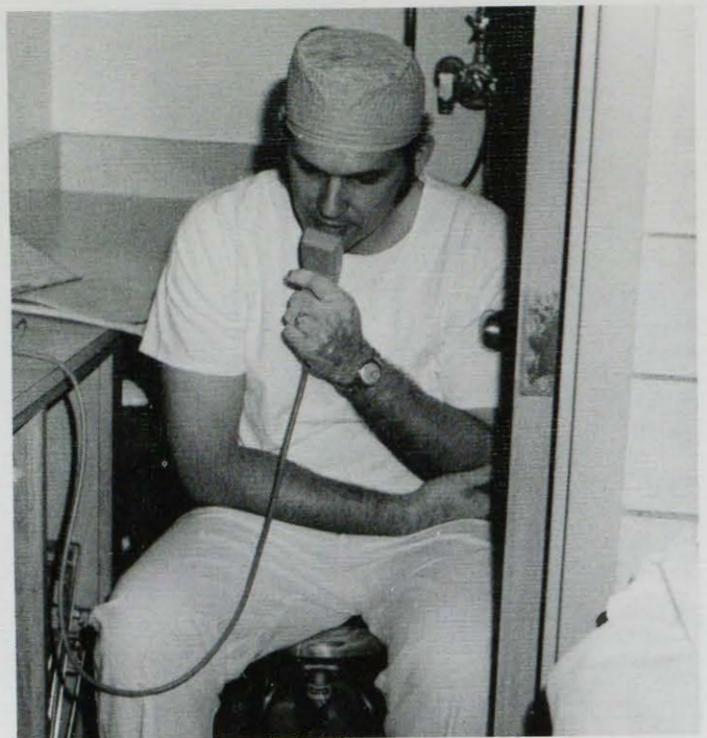


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ABOVE LEFT: Doctor LeMar dictates a completed case.

ABOVE RIGHT: Student Doctor Richards.

BELLOW LEFT: Doctor Rose in surgery.



Anesthesiology

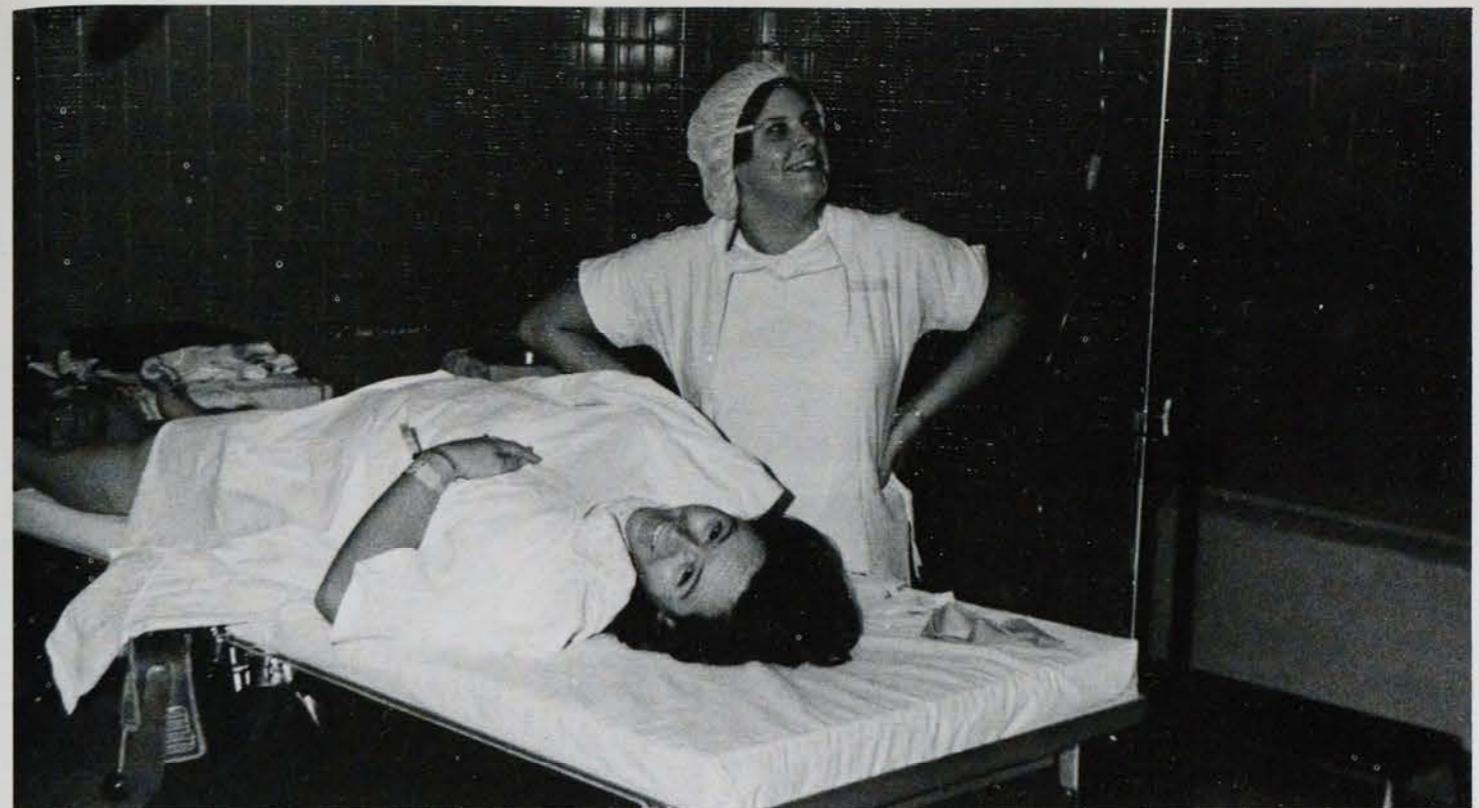
BELOW: Doctor Sorenson monitors a patient as he administers an anesthetic agent.

LEFT: Doctor Loerke, Director of Medical Education, conducts interns meeting.

Obstetrics

RIGHT: Student Doctor Wolf performs duties during his favorite rotation.

BELOW: Doctor Burrows gives advice on a tested technique.

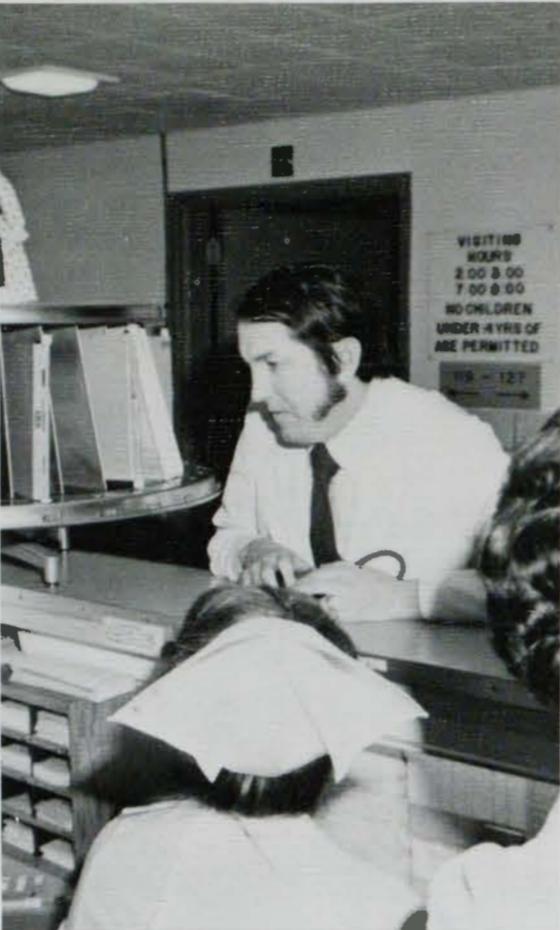


ABOVE FAR: Nurse Martin and patient post partum.

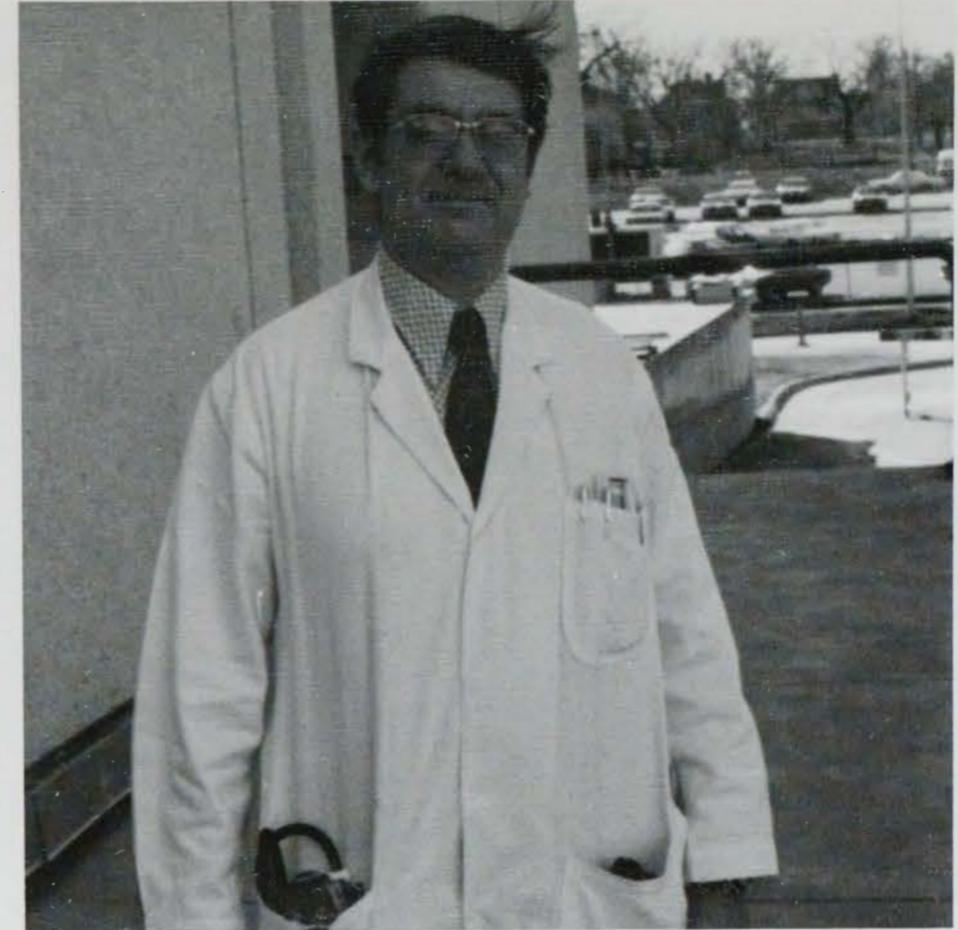
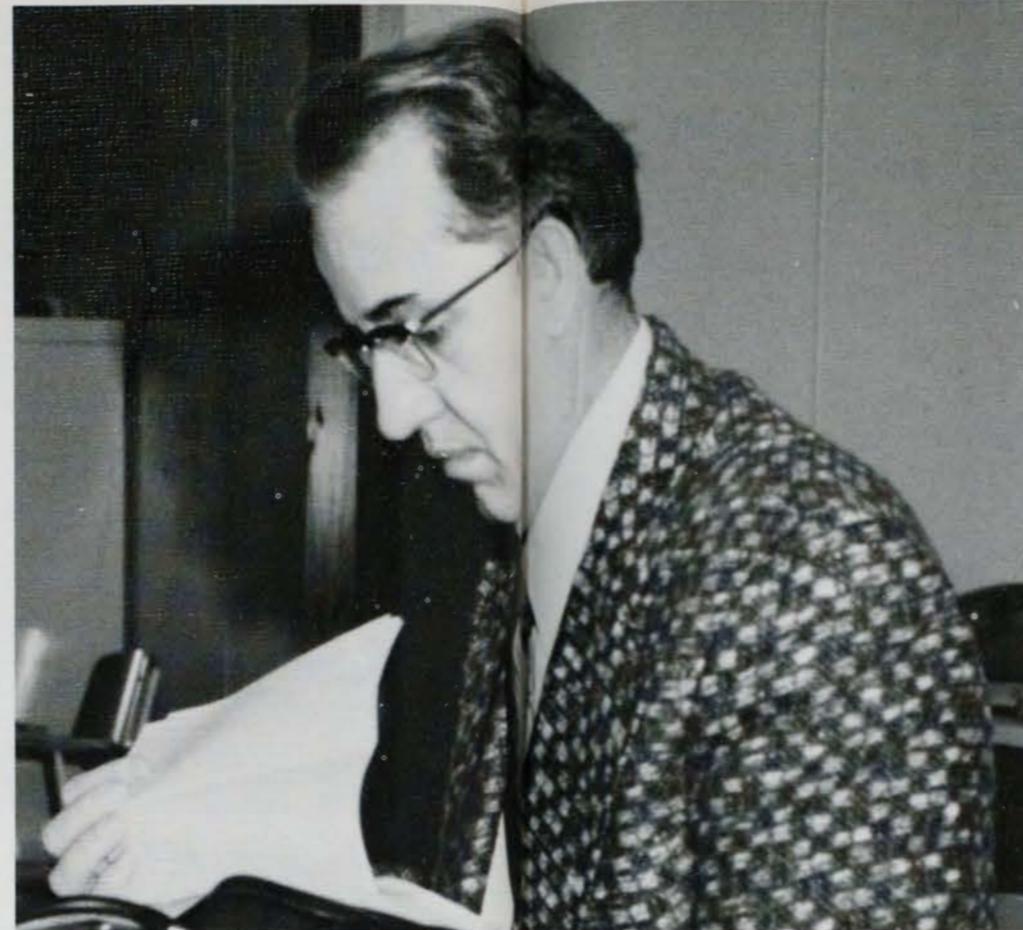
ABOVE NEAR: Doctor Waterbury, department chief.

Medicine

RIGHT: Student Doctor Elliot evaluates a patient's progress



BELOW: Doctors Hill and Duberstein instruct student Doctor Wulff.

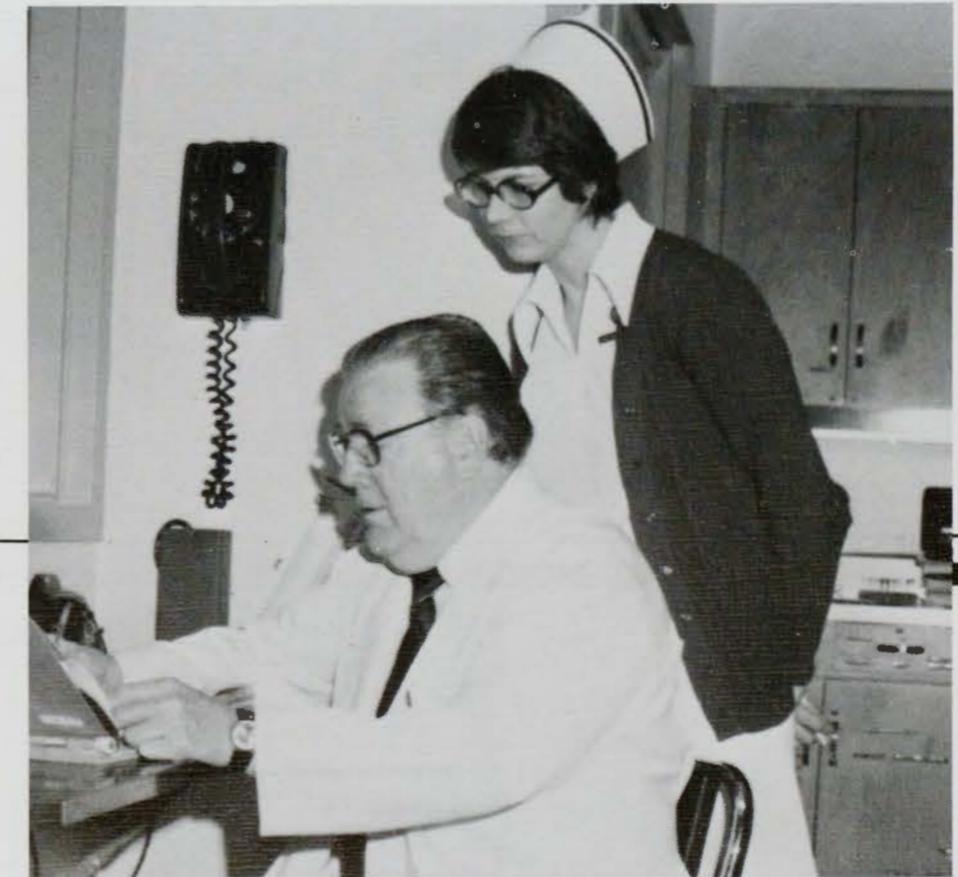


ABOVE LEFT: Doctor Milton Dakovitch.

ABOVE RIGHT: Doctor Robert Kreamer

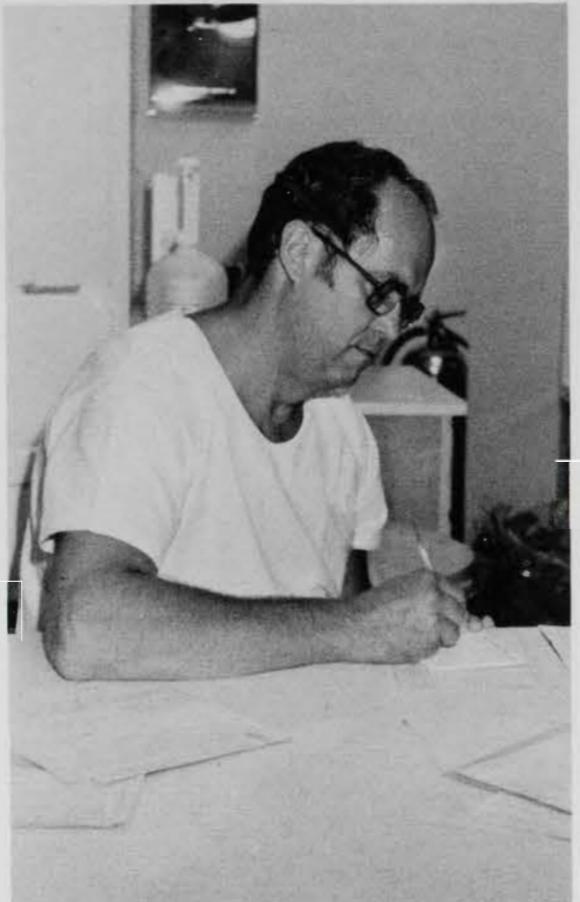
BELLOW LEFT: Student Doctor Neufeld checks census before rounds

BELLOW RIGHT: Doctor Joseph McNerney



E.R.

RIGHT NEAR: Doctor Terrell.



RIGHT FAR: Student Doctor Felmlee sutures a laceration.



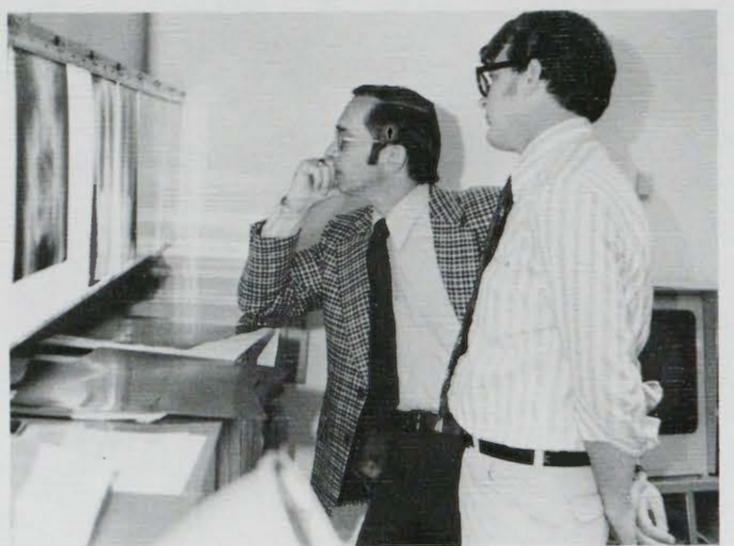
BELOW: Student Doctor Finkel examines skull series.



ABOVE: Student Doctor From and Nurse Hildrew.



LEFT: Doctors Egly and Meyers.

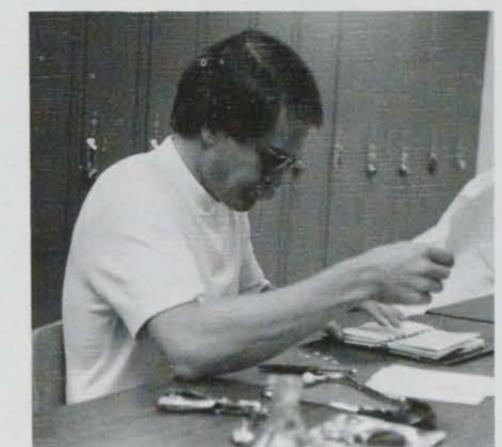
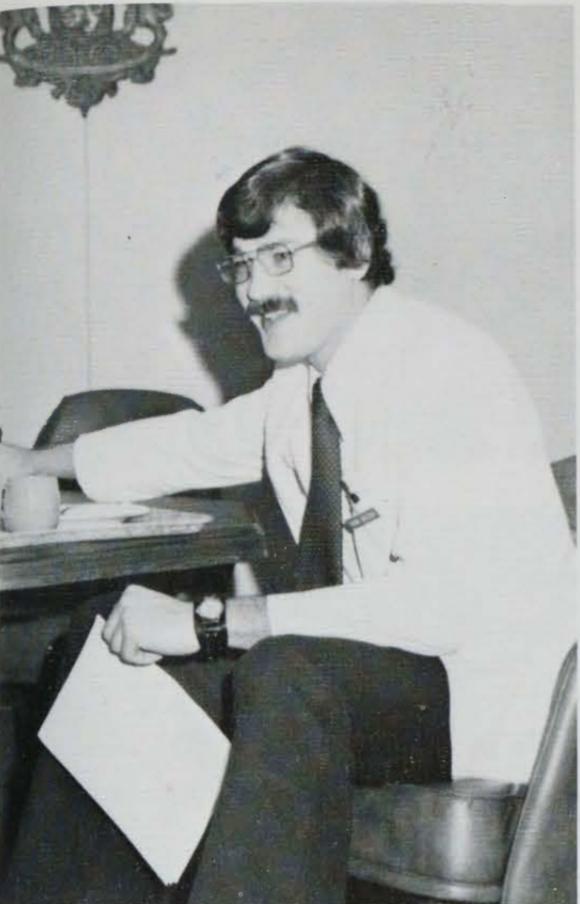
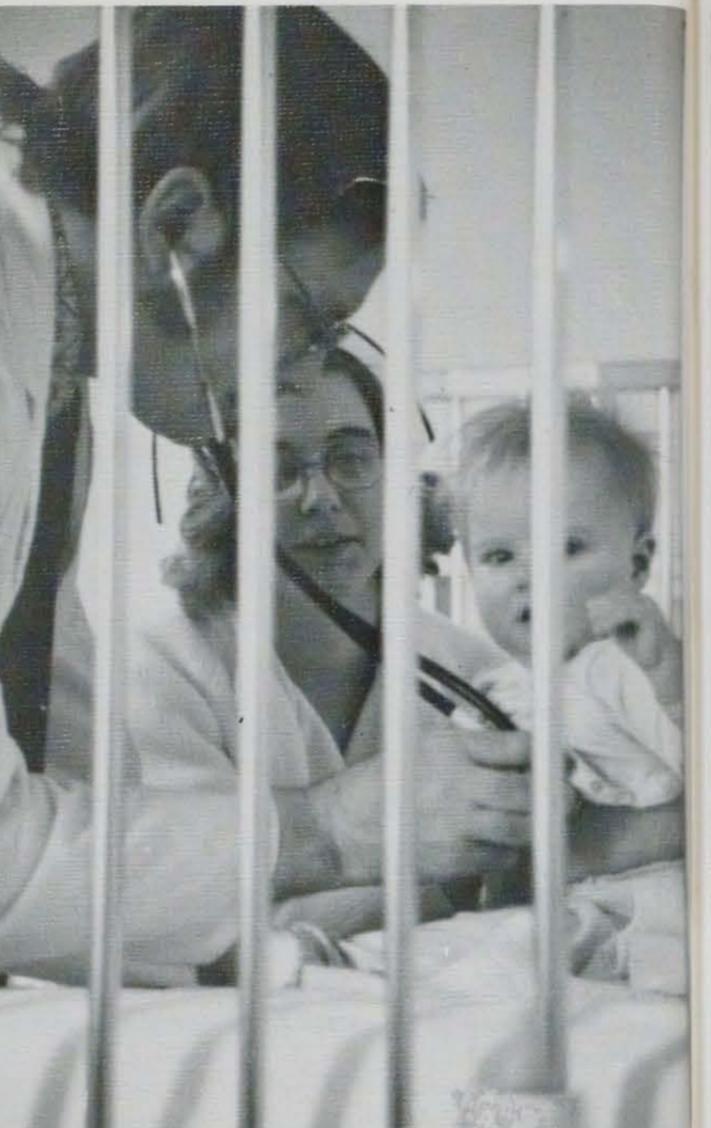


ABOVE FAR: Mr. Ed Tate.

ABOVE NEAR: Doctors Schwartz and Agnew.

ABOVE RIGHT: Student Doctor Gustufson.

RIGHT: Student Doctors Neufeld and Cagin.



LEFT FAR: Student Doctor Seklecki.

LEFT ABOVE: Student Doctor Gleason.

LEFT BELOW: Student Doctor Griffin.

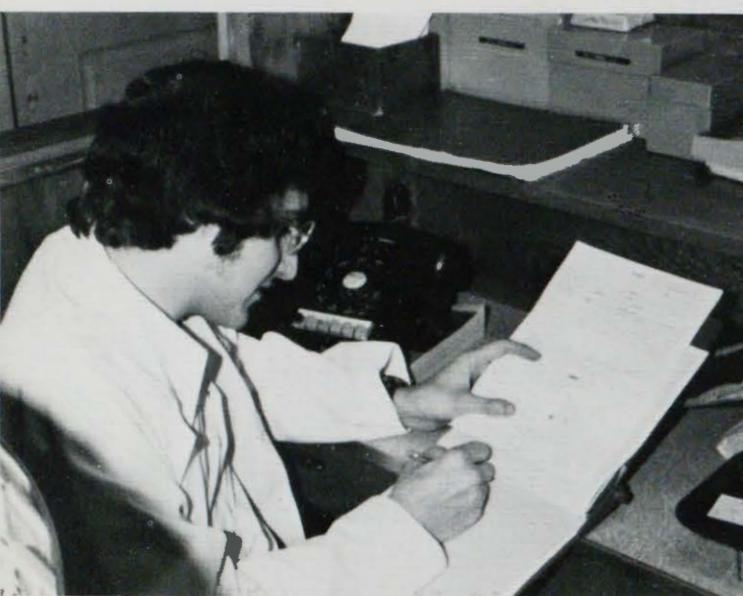
BELOW: Student Doctor Jennings.



Dave Webster



David Rosenberg



PEDIATRICS



Mark Reinertson



Dennis Clark

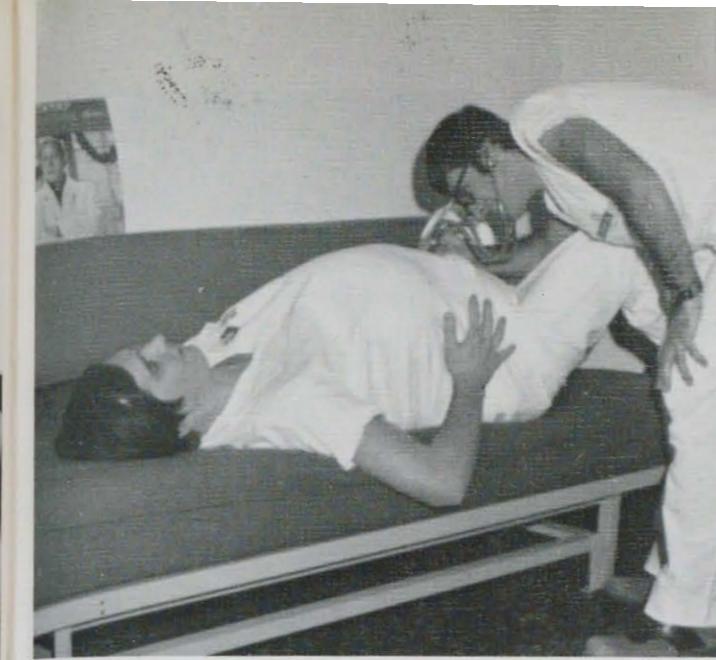
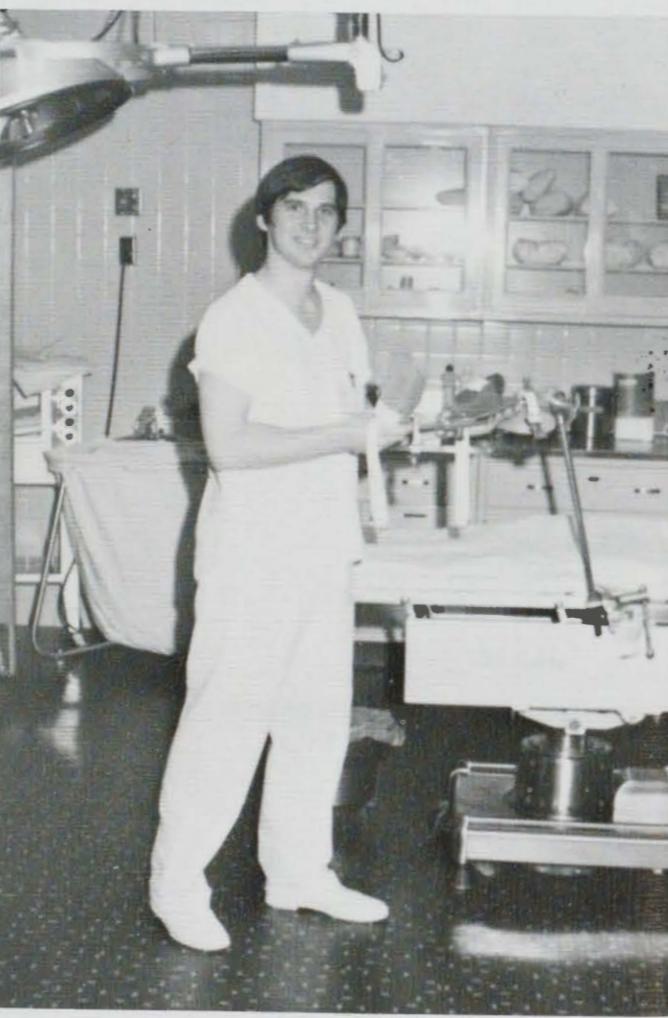




David Drake



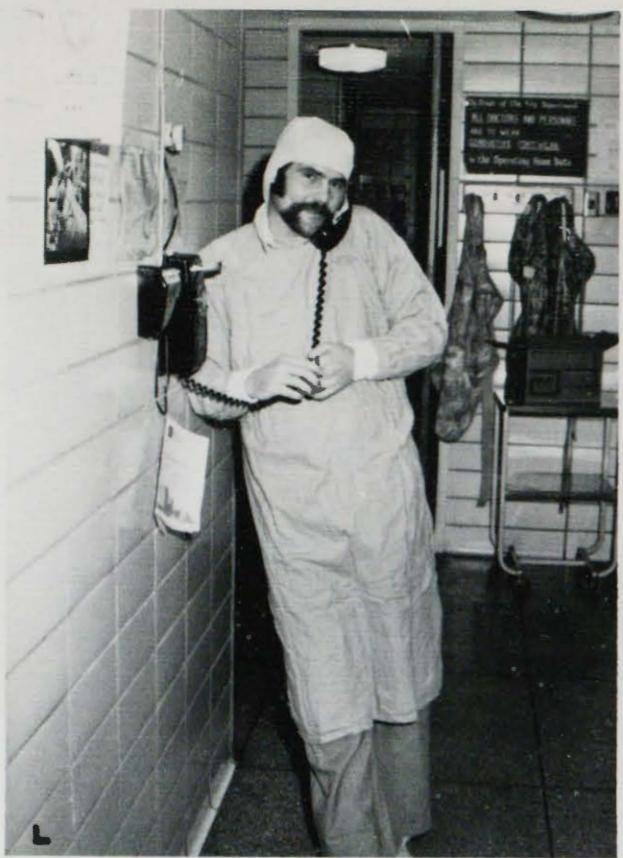
Jerry Vidd



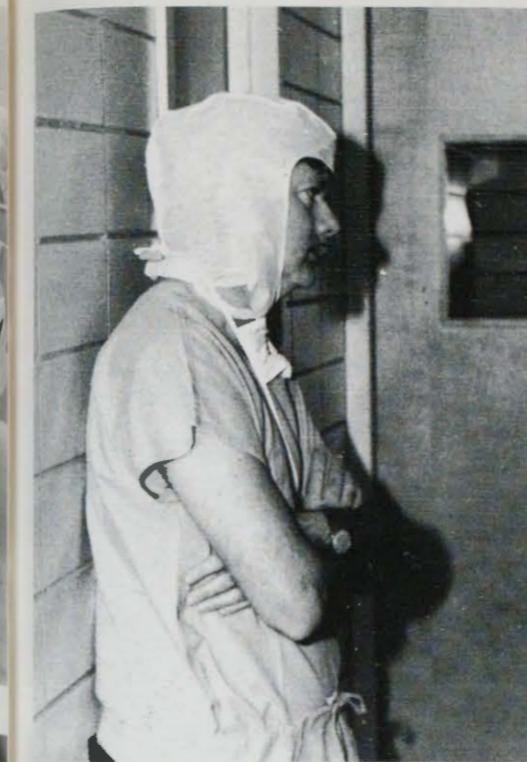
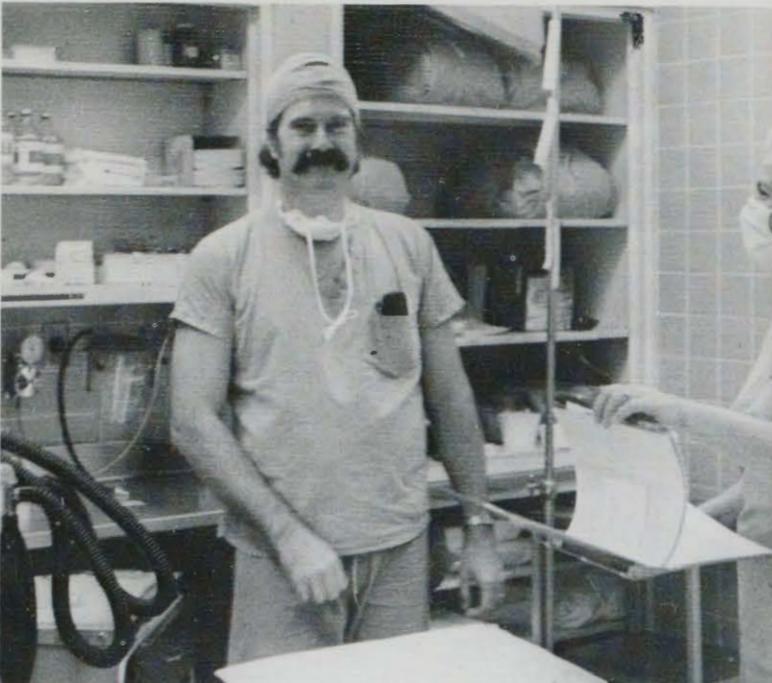
OBSTETRICS



David Drake



Jim Streelman



Dr. Hull



Surgery

Internal Medicine

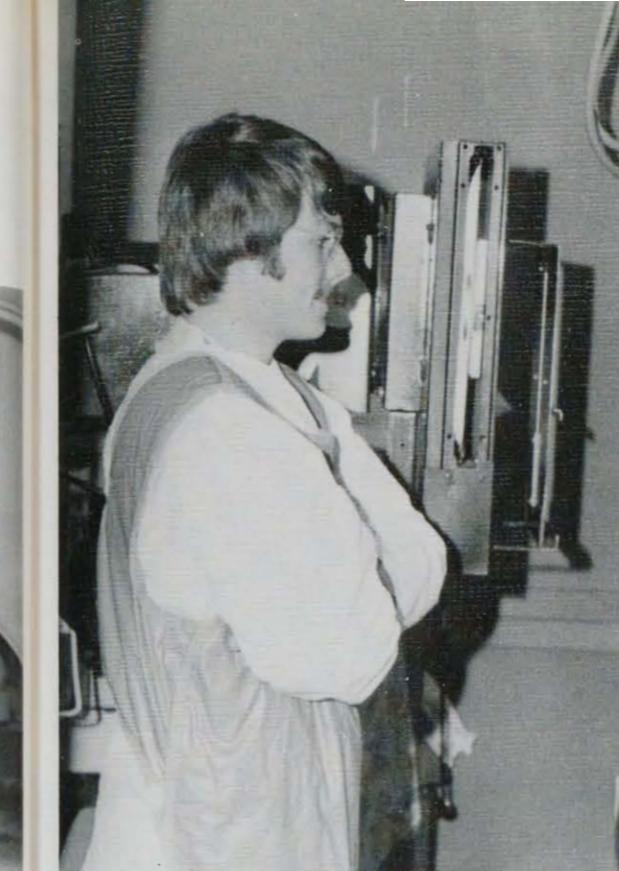
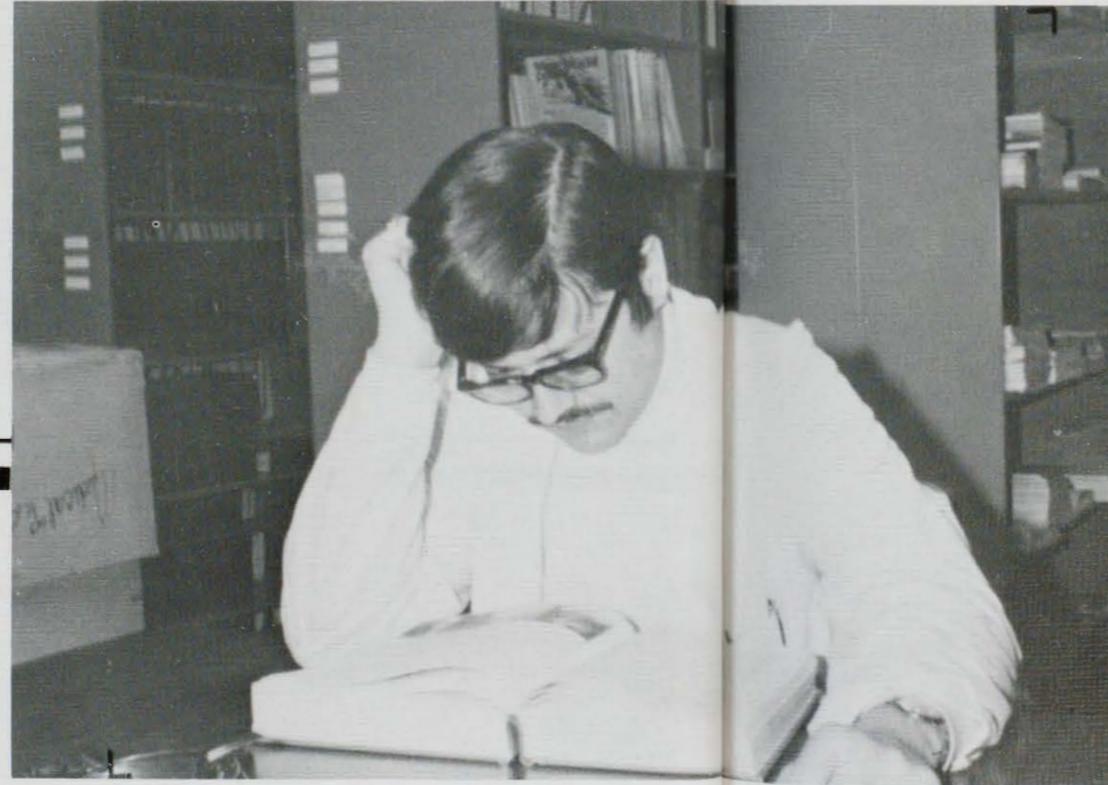
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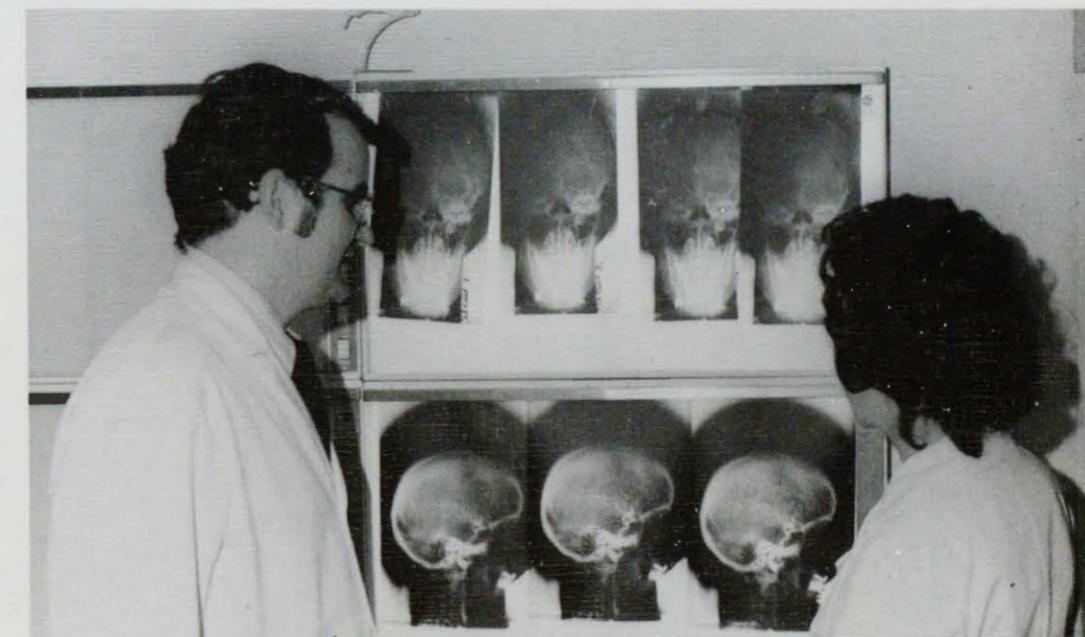
Greg Hoekstra



Joe Poschner



Mark Taylor



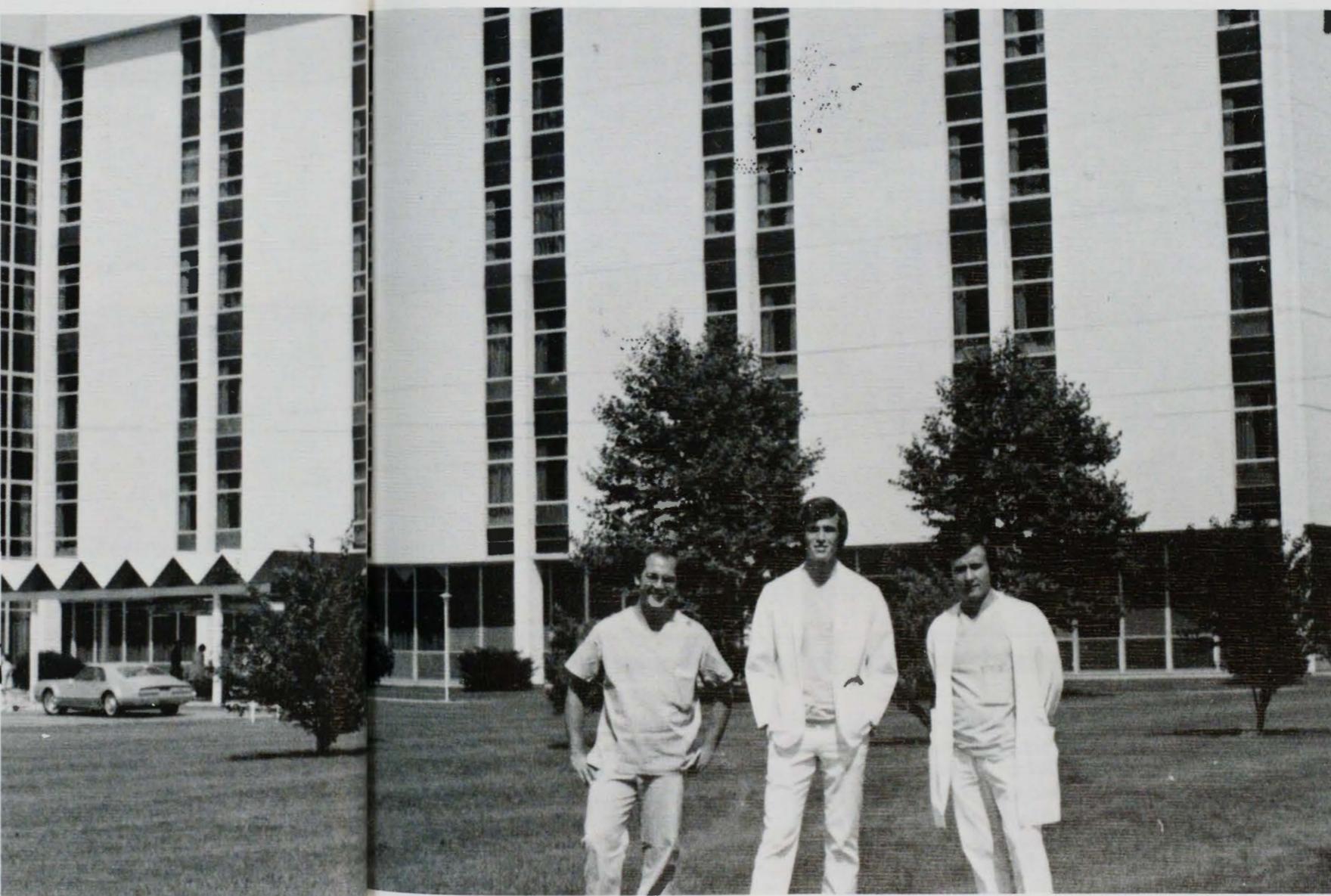
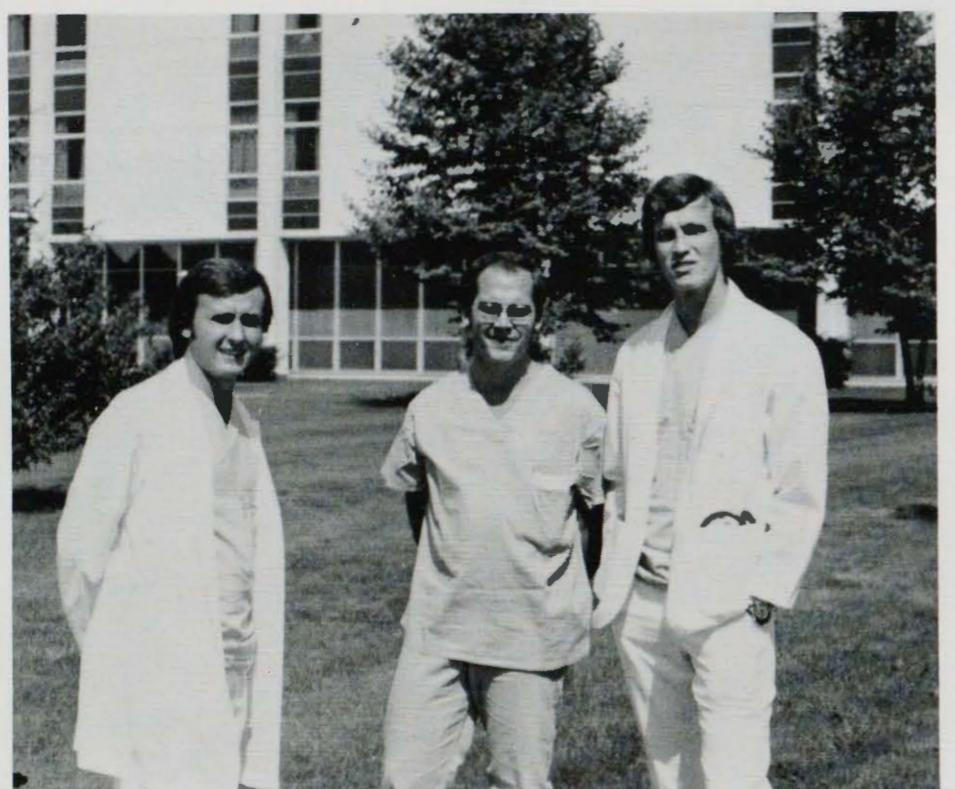
Allen Mersch

Michael Tawney

Scott Tilleson



Mount Clemens Hospital



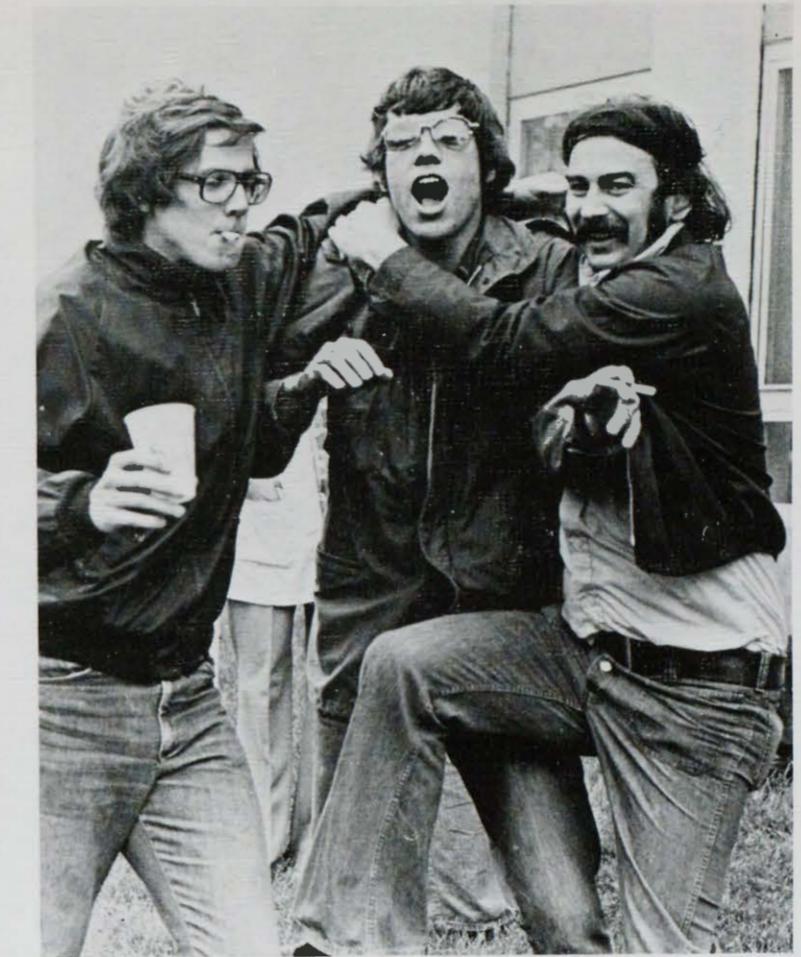
Class of 1975



The class of 1975 wound up the year with a class roster of 146 members. The year was an eventful one as we completed our second year in school and at the new campus. Various problems developed among class members and the administration and

the solutions seemed at times to be miles away. However, with cooperation based on opening up the lines of communications, these problems were handled in an adequate manner. In May the class took Part I of the AOA National Boards. With nerves strain-

ed all students put their best forward and braved the typographical errors that plagued this year's exam. (ABOVE), Dr. Brown's expression during the Osteopathic Practical Exam reflects the opinion held by a number of students. Jim Hardinger is



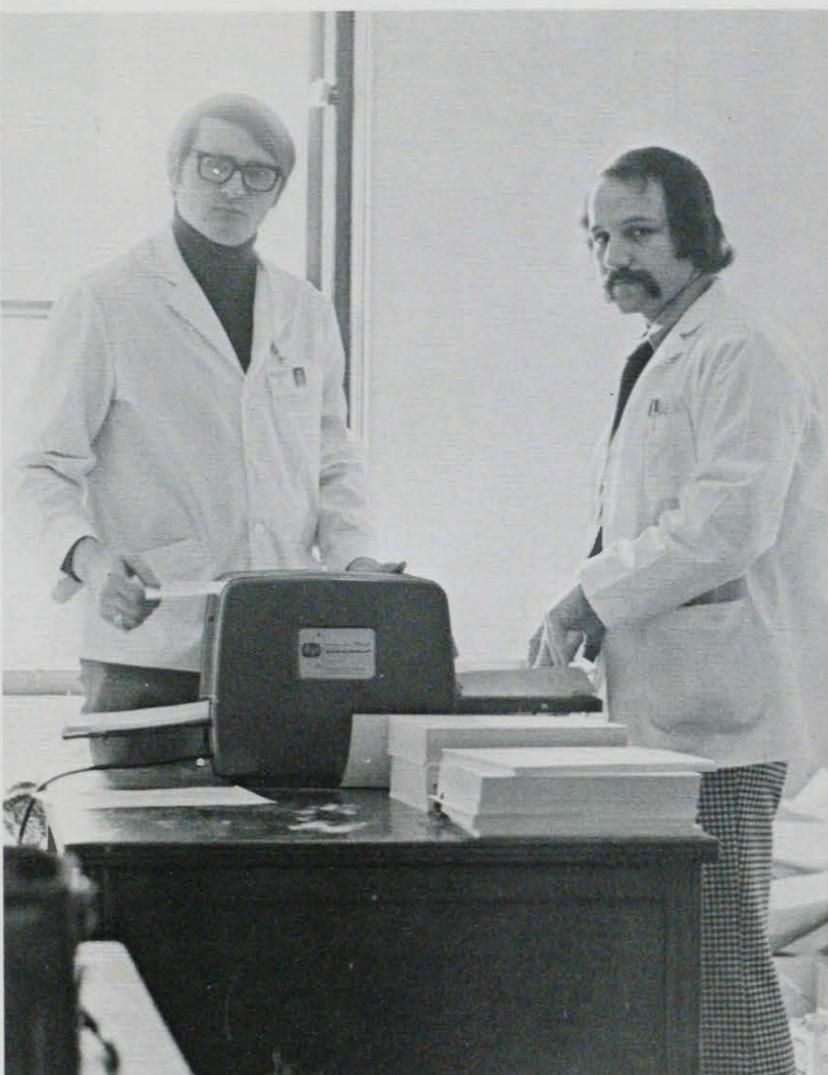
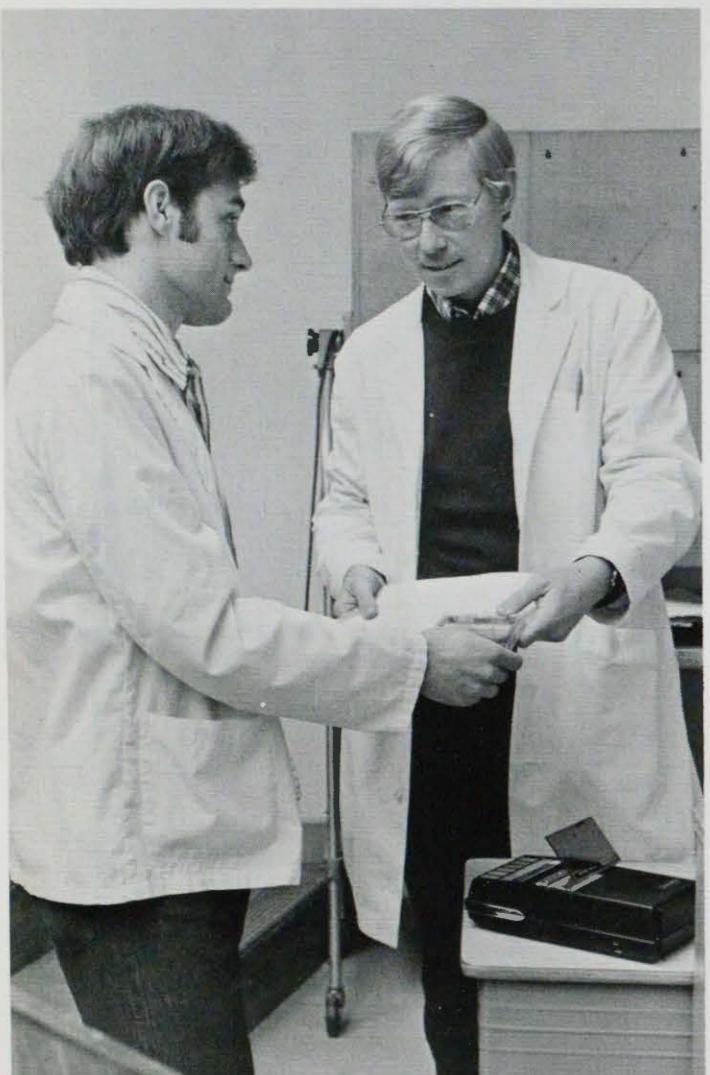
shown performing a cervical manipulation under the "watchful eye" of Dr. Brown. After the AOA boards the class had a party in the back parking lot of the school. (UPPER LEFT), Doran Christensen demonstrates the latest fad in the

country by doing the "STREAK" ! ! ! (UPPER RIGHT), Larry Tyler, Steve Hart, and Jay Clark act the part of the "Three Stooges" during the post-exam festivities. (LOWER LEFT), Dr. Routman enjoys the party despite the cloudy weather and cold

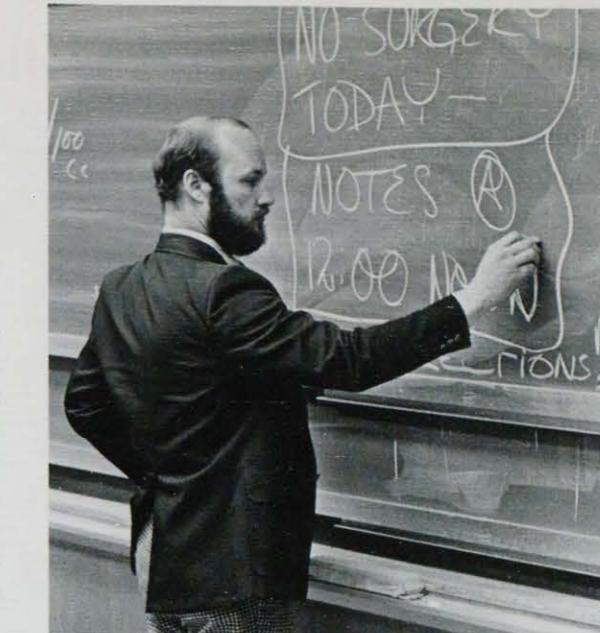
that prevailed during May. (LOWER RIGHT), With an abundance of potato chips and beer in hand, a well-known group appears content to sit and watch . . . knowing that the Boards are over . . . at least until October.



Note Pool



At UPPER LEFT, Sam Singer taking notes in class. BELOW, Dick Evans hands tape and stencil to Frank Piccione; At LEFT, Dean Teeter and Howard Katz duplicating stencils. Immediately BELOW, a scene of class collecting notes. At LOWER RIGHT, Bob Sachs records names of people in line. To the RIGHT, Doran Christensen writing notice for note pool.



Backed by 110% participation, the note pool was the only activity able to overcome student apathy and indifference to classes at COMS. Characterized by an organization and management superior to that shown by many departments and lecturers, the note pool taperecorded, transcribed, and distributed each day's lectures. With different

students transcribing lectures every day, people who otherwise would never attend class came to pick their tape and meet their fellow classmates. In addition, Bob Sachs' multi-colored blackboard announcements dramatically increased class attendance for that hour before notes would be distributed.

From inauspicious beginnings in our

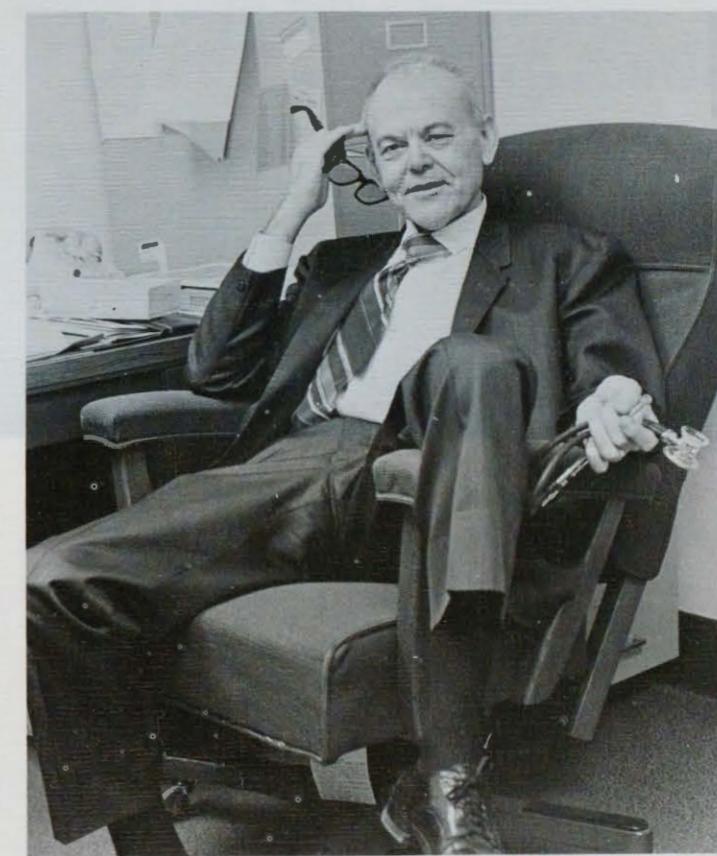
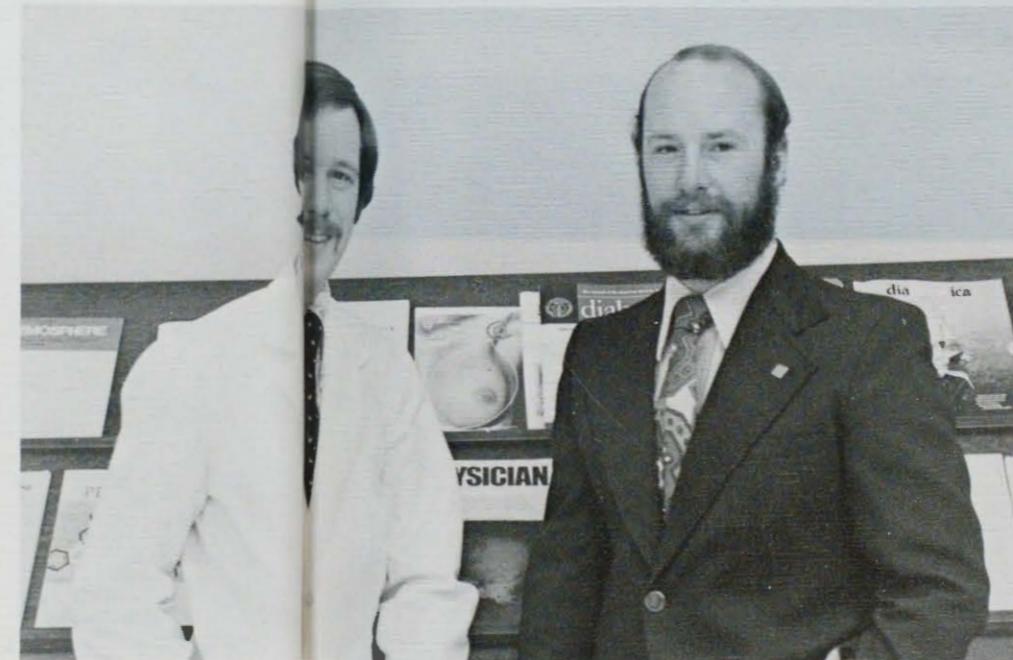
Freshman year, great improvements in the note pool made in the next few months were largely the responsibility of Mark Meisel who consequently fell ill with mononucleosis. Jay Kaner filled the vacuum thus created until the beginning of the Sophomore year when Doran Christensen assumed leadership. To ameliorate the problem of "missing" and "insuf-

ficient" copies, Bob Sachs volunteered to announce and oversee the distribution of the golden notes. Bob also became the receiver and rectifier for most complaints. Doran's last act before resigning was to appoint Frank Wojciechowski to police the note scene and prevent sticky fingers from taking extra notes.

There were a few unsung heroes working behind the scene. Dick Evans not only generously supplies his tape recorder but also attended many 8 A.M. lectures just to operate the machine. Mike Scheer stoically persevered in printing notes for a year; Dean Teeter and Howard Katz now have that thankless job.

In conclusion, the note pool has been the most noteworthy exemplification of the Class of 1975's never ending effort to further advance medical knowledge. Our note pool has been so effective that many professors will be employing our notes in the near future to author textbooks that will at least be comprehensible.

A Salute To Some Workers In The Class And College



Concerned students become concerned physicians: when students are allowed to participate fully in decisions concerning the profession, prevailing apathy will metamorphose to intelligent activism.—Doran Christensen, 1974

These pages of the yearbook are dedicated to some of the people in the class and college who have surrendered many hours of class, study and leisure to improve the educational process at COMS. At the TOP of the left page are the class of-

ficers (Left to Right: Doran M. Christensen, 1st Vice-President; Jay J. Kaner, President; Darryl Aarons, 2nd Vice-President; Edward L. Ebert, Treasurer; and Cherryl Collman, Secretary). In the LOWER LEFT corner are the Student Council

representatives (Darryl Aarons, Laurie Woll, Bruce W. Duffy, Alex Leeds, Don N. Peska, Edward L. Ebert, and Doran M. Christensen). In the LOWER, CENTER picture are Edward Ebert and Doran Christensen abreast. Doran is Presi-

dent of SOMA at COMS and national Vice-President, while Ed is local Secretary-Treasurer.

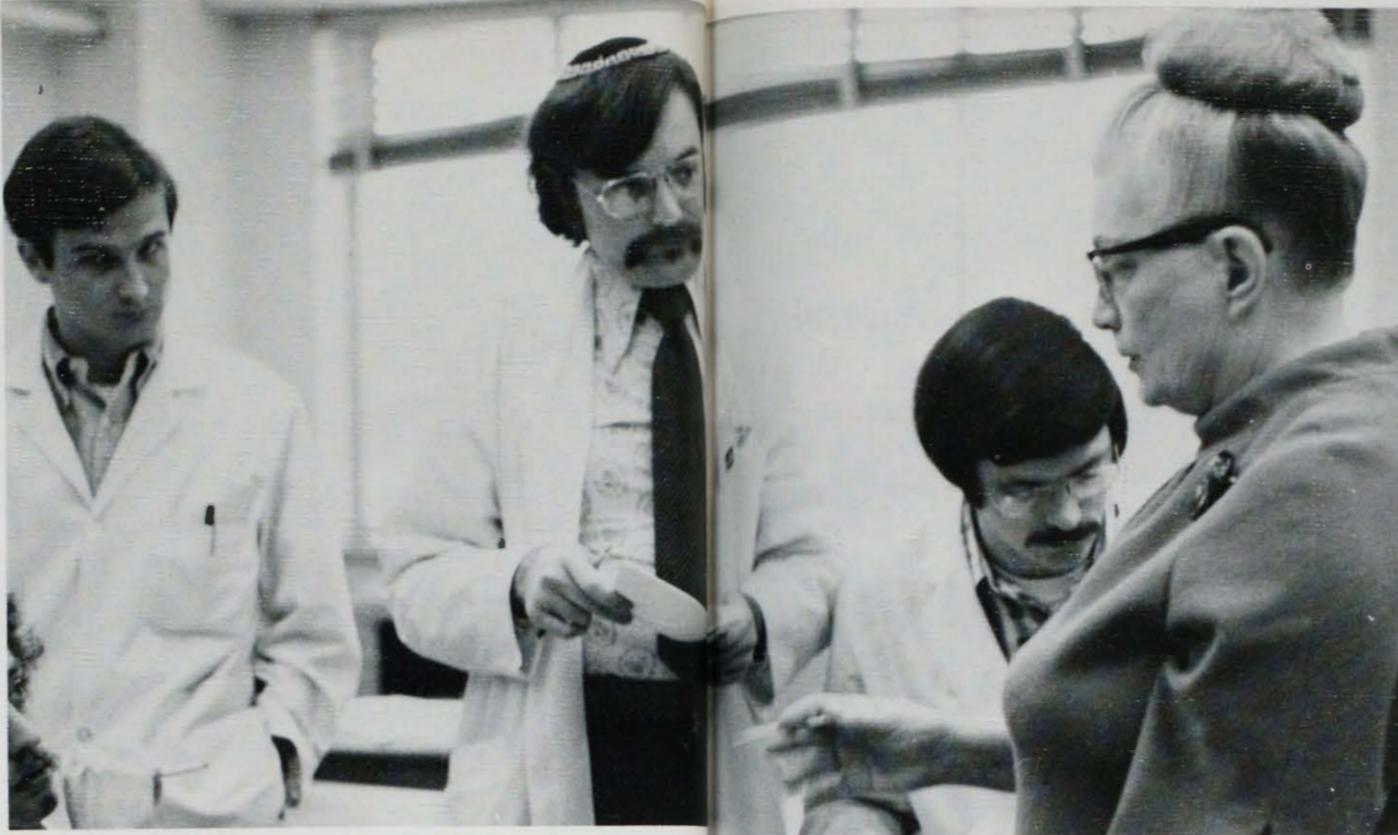
Dr. J. Leonard Azneer, President of COMS is caught in a moment of deep thought in the UPPER RIGHT

CORNER. Just to the LEFT, he is seen discussing student affairs with Jay Kaner and Doran Christensen. In the LOWER RIGHT CORNER, is Dr. C. E. Worster, Director of the Specialty Clinics, in a relaxed pose.

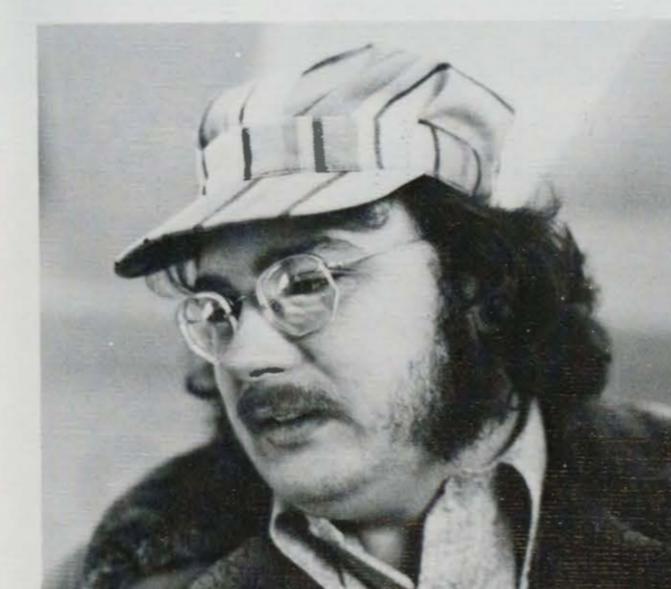
Advanced Medical Studies: an experience to be remembered. Eleven individuals were challenged by a medical education program designed for independent study integrated with constant clinical exposure. Interdisciplinary subject matter allowed an integration of systems and disease processes. They demonstrated that it was possible to obtain the basic education necessary without attending classes. This new approach to education promoted increased student motivation since concentration on one subject integrated with areas of interest enhanced the understanding of each topic. The program was completed in 15 months, thus allowing 18 months for clinical or hospital experience.



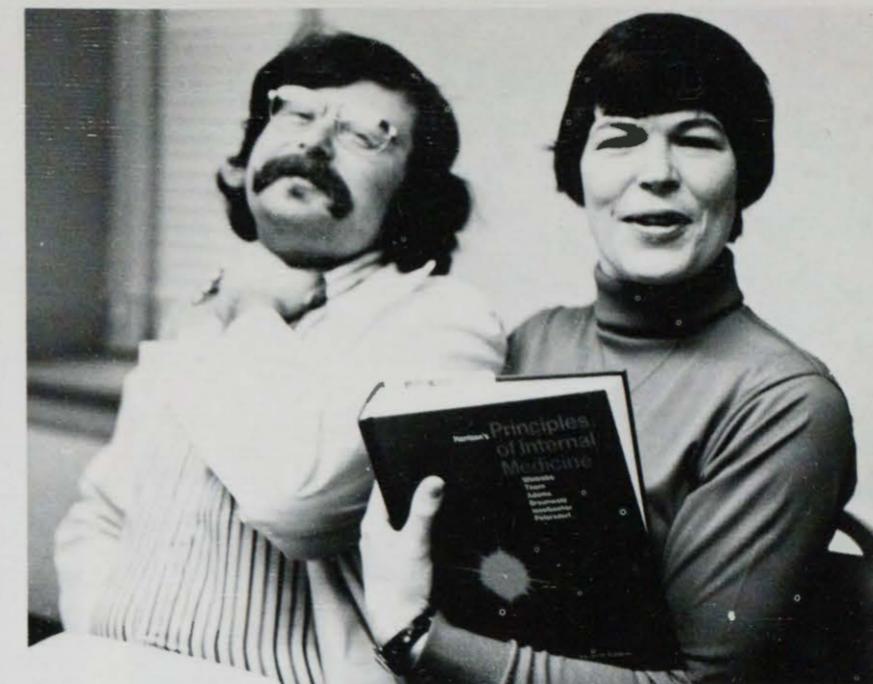
Paul Krueger, Jim Beach



Terrie Wurzbacher



Joe Doro



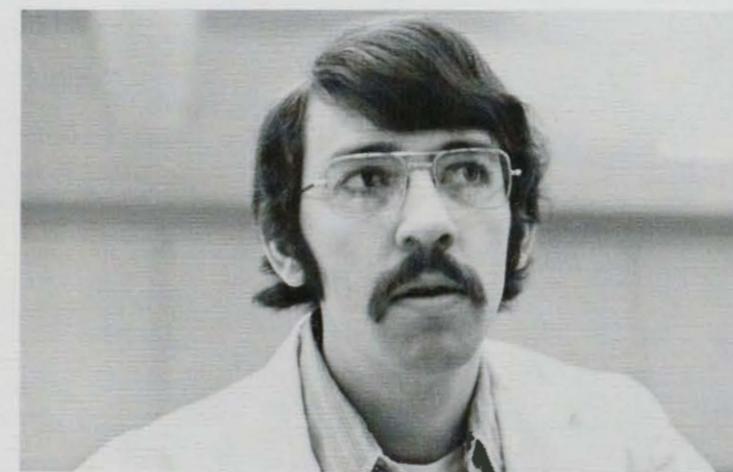
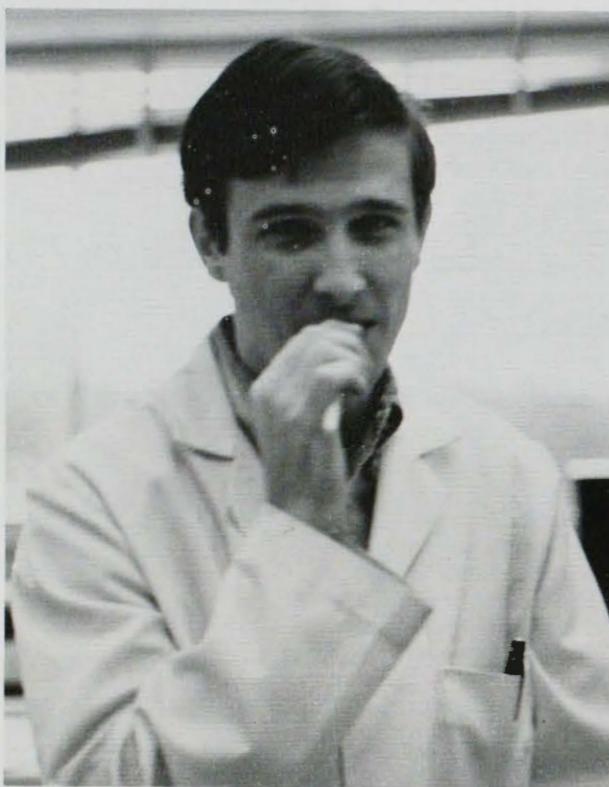
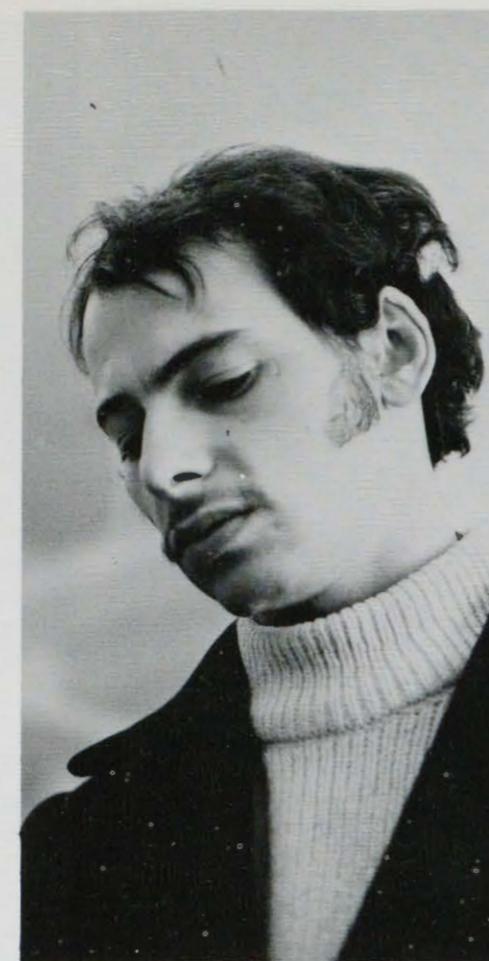
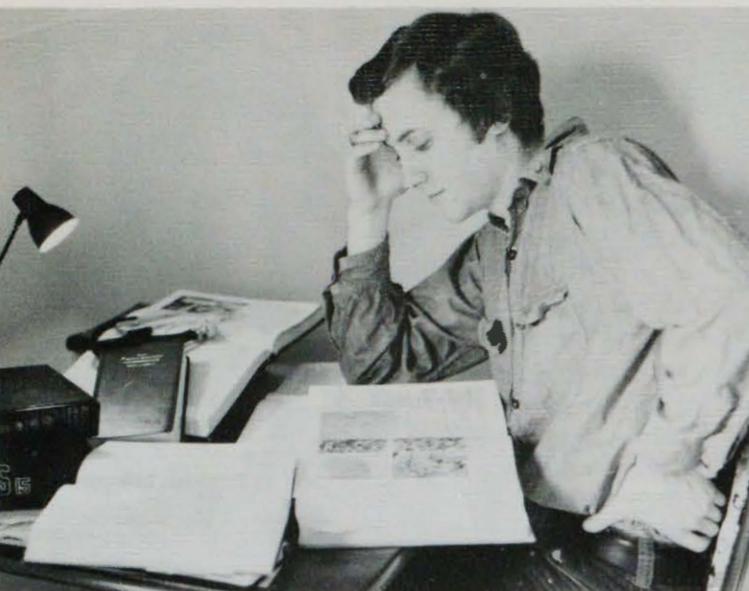
Arnie Brenner, Kip Malick

ELEVEN students of the class of 1975 were selected after the initial six week core course in Anatomy to participate in the AMS Program. Competition was keen and many remain disappointed at not being selected. The Special II represent a broad spectrum in interests, background, and geographic origin.

Bill Brown-U. of Wash.-Peds
Jim Beach-Defiance College-OB/GYN
Dave Barton-U. of S. Dakota-Int. Med.
Arnold Brenner-Temple U.-Int. Med.
Joe Doro-Columbia-Family Practice
Paul Krueger-Rutgers-OB/GYN
Kip Malick-U. Minnesota-Surgery
Tom McKnight-UCLA-Int. Med.
Les Owens-Downstate, N.Y.-Fam. Prac.
Daryl Steiner-Goshen College-Int. Med.
Terrie Wurzbacher-U. of Miami-Neuro.
This program has allowed the above to decide on their future goals.

AMS

"Special II"



Our Faculty

... with a little help from our friends



Dr. Burrows
Dr. Laycock
Dr. Moore
Dr. Rose
Dr. Senty
Dr. Spevak

Dr. Cooper
Dr. Currie
Dr. D'Orazio
Dr. Elliott
Dr. Rolek
Dr. Sayeed



UPPER LEFT: Tom McKnight
MIDDLE LEFT: Dave Barton
LOWER LEFT: Les Owens
UPPER MIDDLE: Bill Brown
MIDDLE RIGHT: Daryl Steiner

AMS revealed that independent learning should be an acceptable mode for basic science and systemic medicine background education . . .

and this integrated with exposure clinically and in the hospital from day one on, is the best way to achieve a proficient physician.

Pediatrics

Pediatrics

Pediatrics

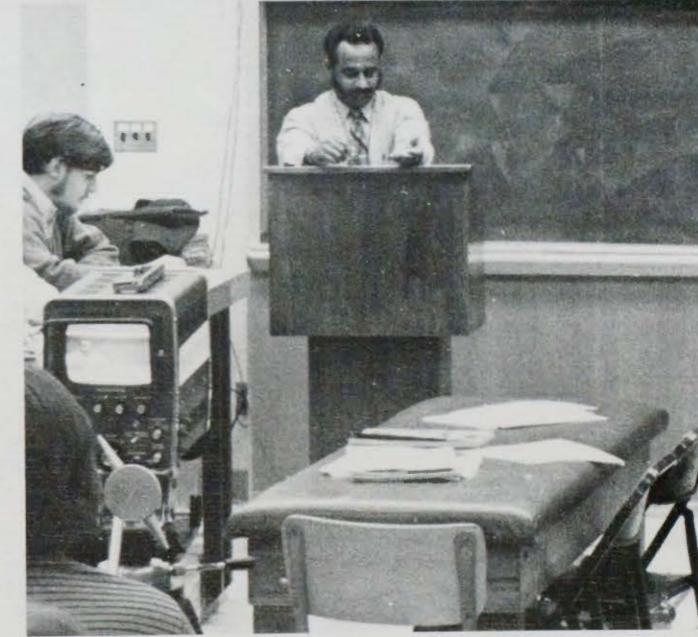
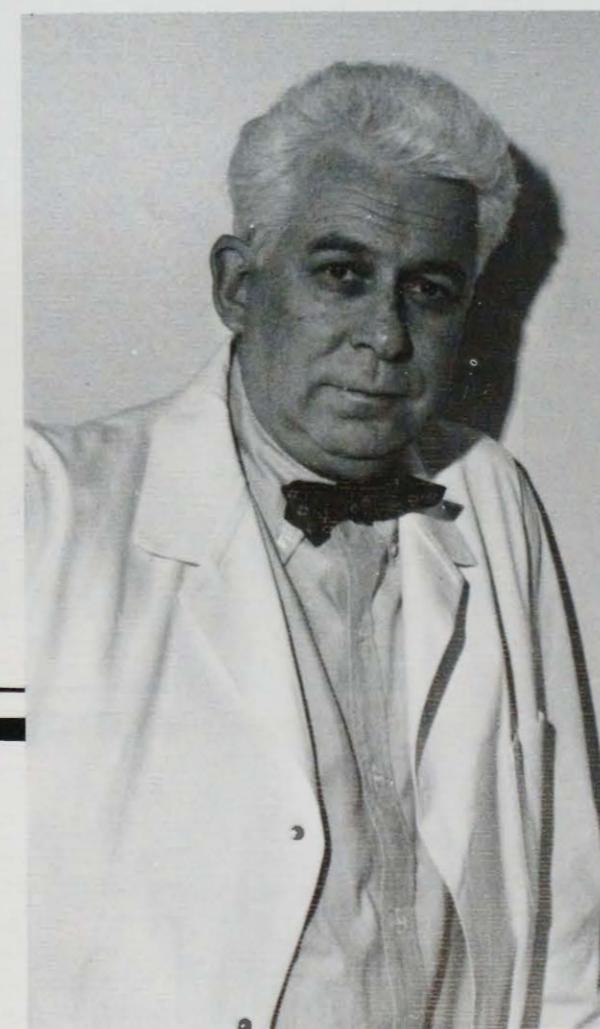
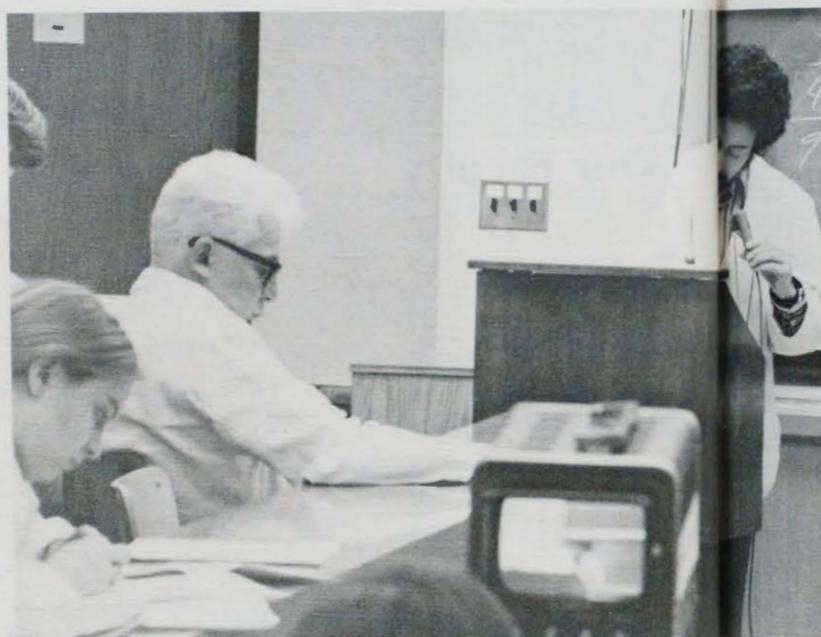
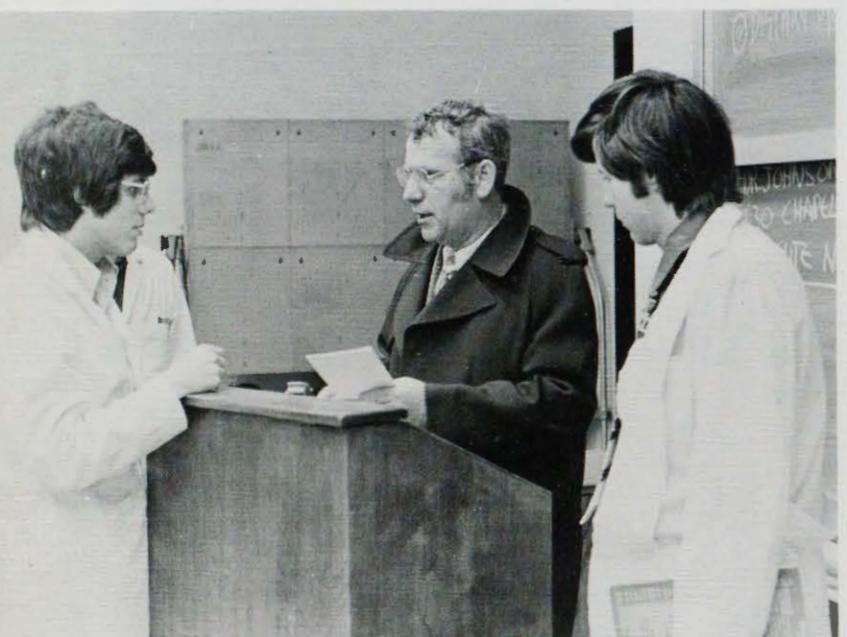
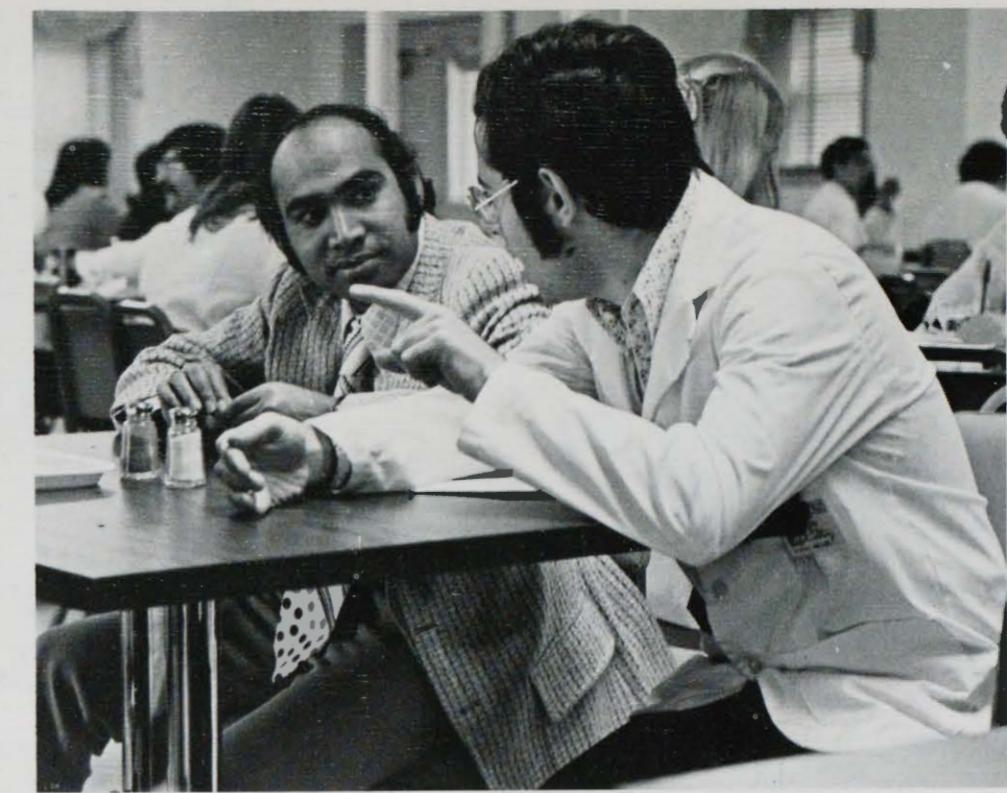
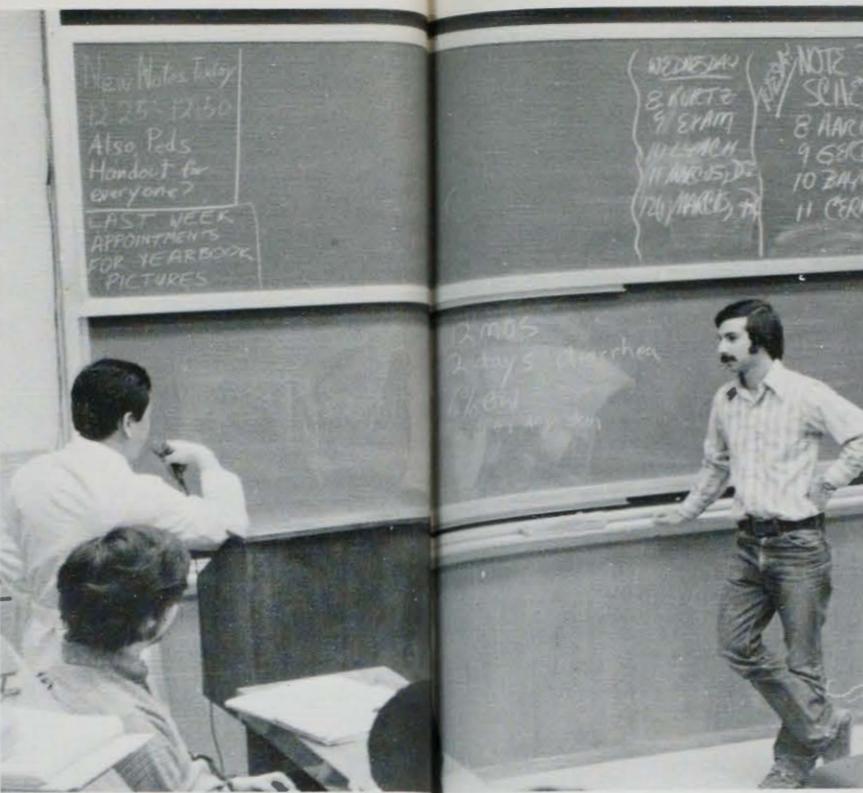
Pediatrics

Pediatrics

Pediatrics

Pediatrics

Pediatrics



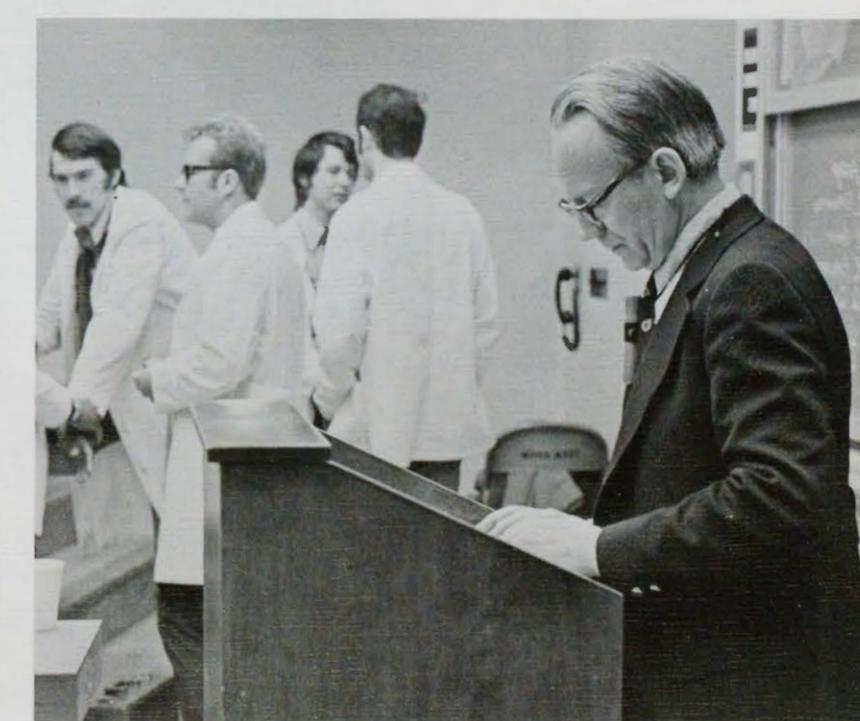
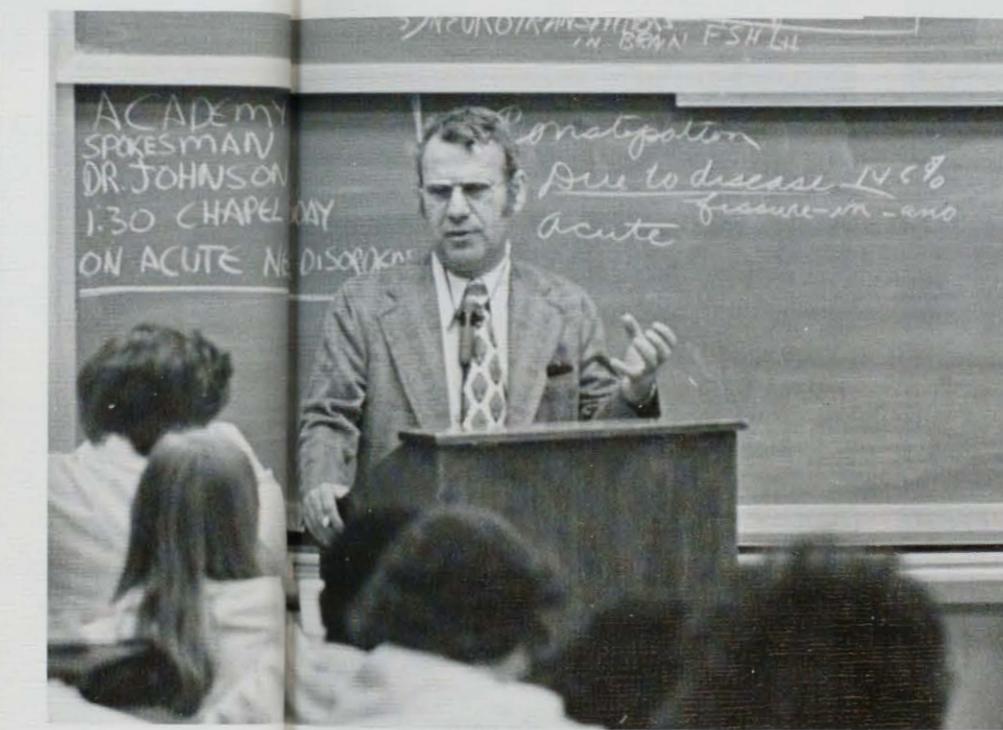
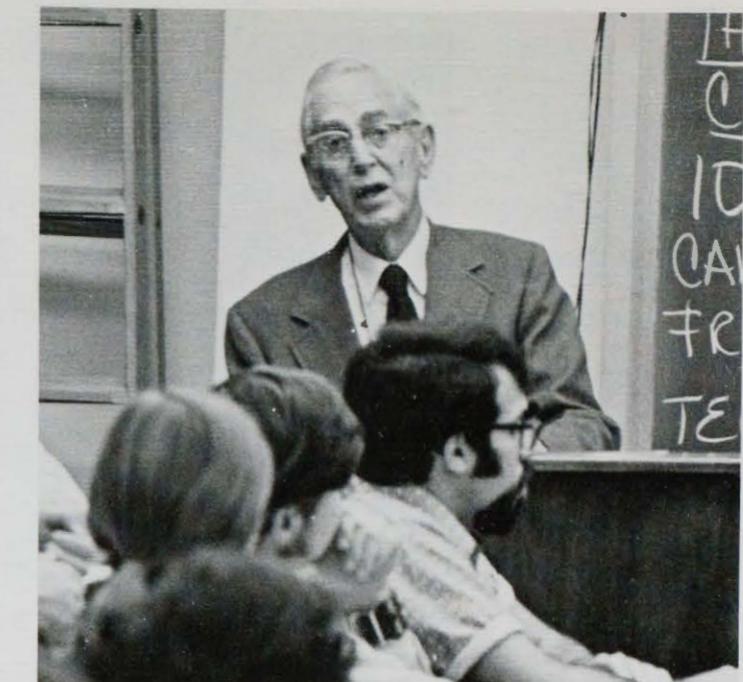
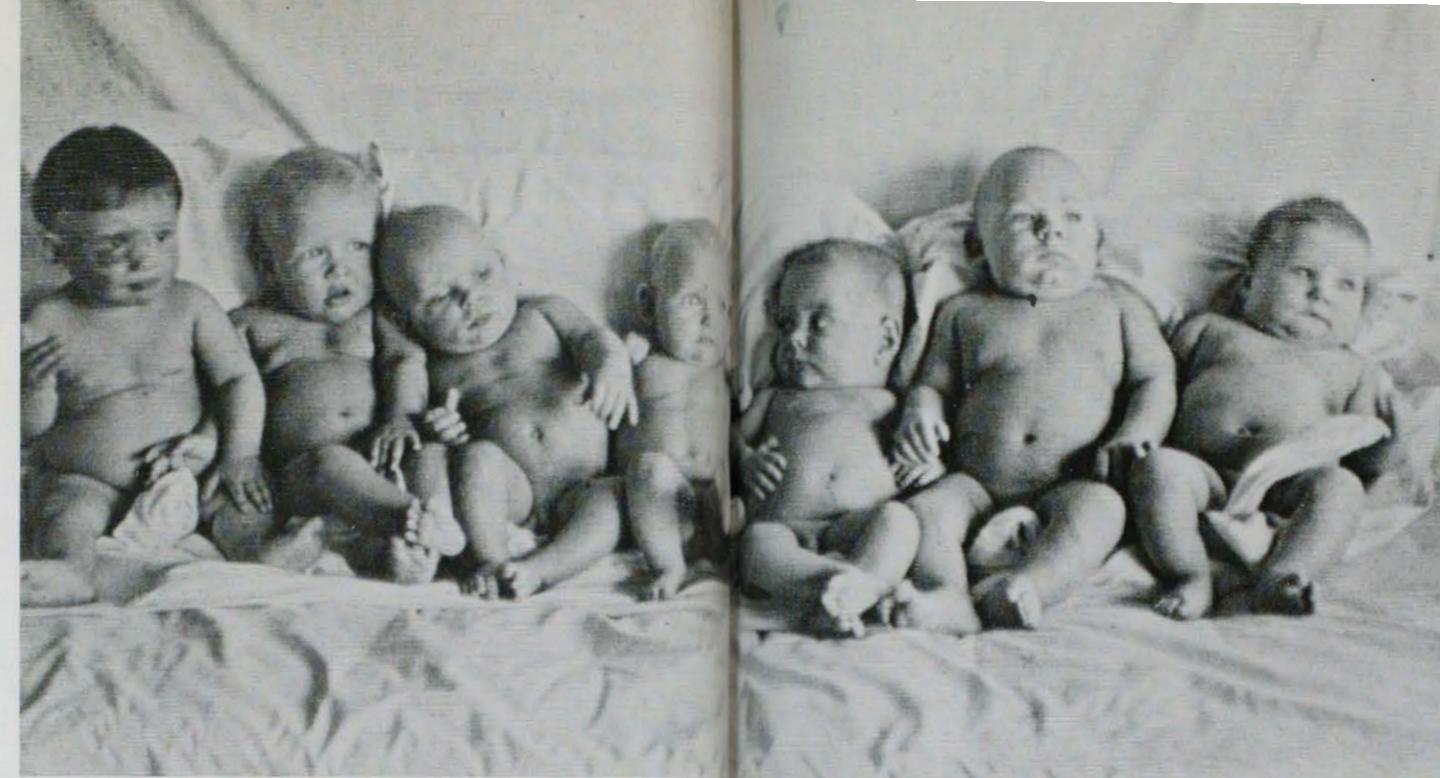
The mark of intellectual quality lies in the respect of one educator for another's knowledge. Receptiveness to the opinions of one's colleagues denotes the ever present desire of the expert to sharpen his expertise. Depicted ABOVE are some glimpses

of this valuable interchange. Bruce Kaplan clarifies some significant clinical history to Dr. Lee. Glen Gerber points out an interesting symptom in a recently discussed hematologic disease. From LEFT BELOW: Dr. Polich reiterates a per-

tinent finding in diagnosing GI dysfunction to Howard Spector and Bruce Duffy. Barry Gross summarizes some current therapeutic technique to an attentive Dr. Spevak (PICTURED RIGHT).

Dr. Chandranouli emphasizes early diagnosis of congenital heart defects.

And More Pediatrics



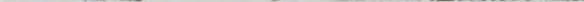
There is no greater educational tool than the "living patient". In a continuing effort to provide quality in learning, the department of Pediatrics offered us an early exposure to direct patient examination. ABOVE: Dr. Hill offers some helpful

hints to an attentive class and equally engrossed subjects (LEFT). BELOW: Rob Petty demonstrates the "Well Baby" examination, Dr. Alberts reviews some notes prior to lecturing on "Approaching the Neonate", and Dr. Polich clarifies a confusing point.

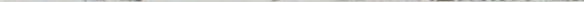
Darryl Aarons



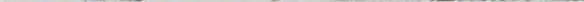
Ezekiel O. Abanishe



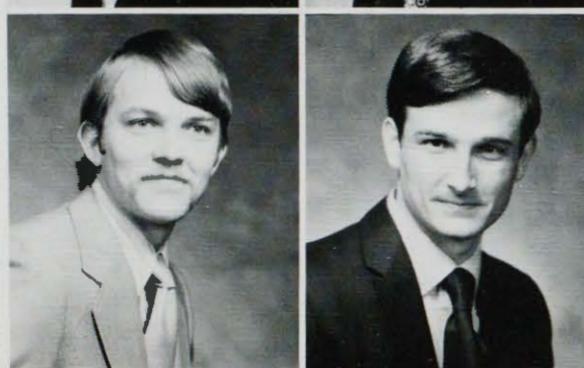
Edward Andersen



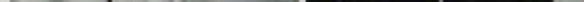
Donald J. Anderson



William Barkman



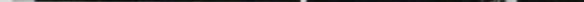
David Barton



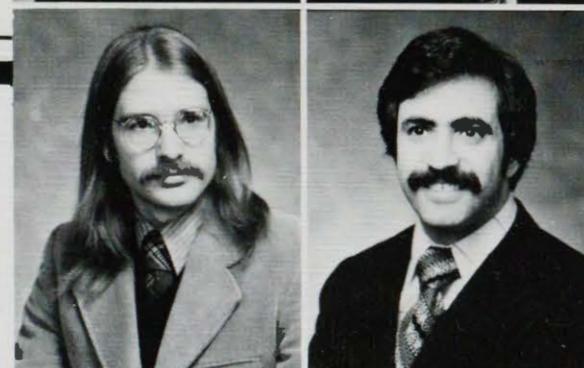
Kenneth Bayles



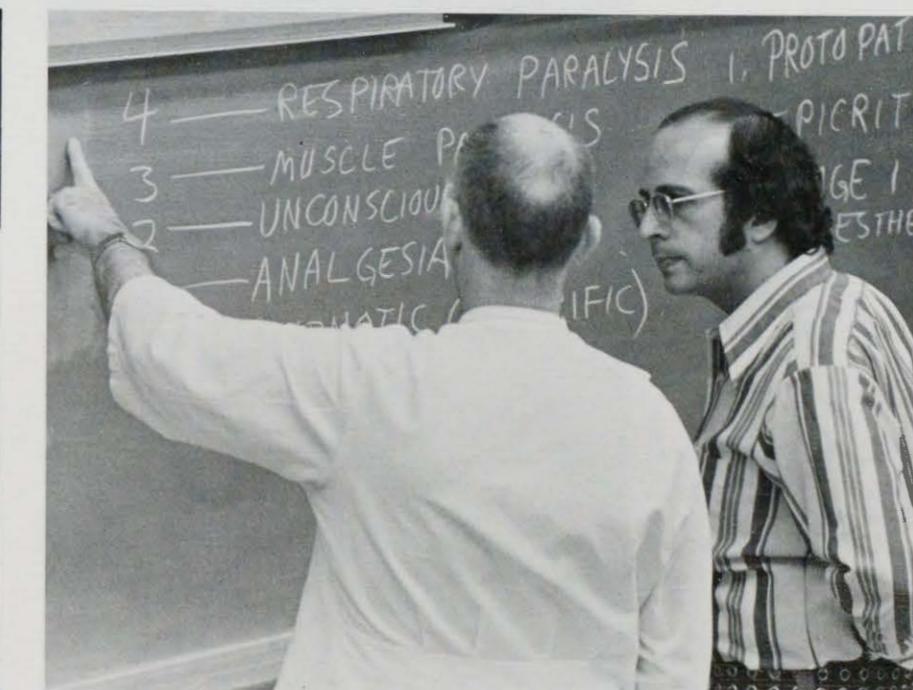
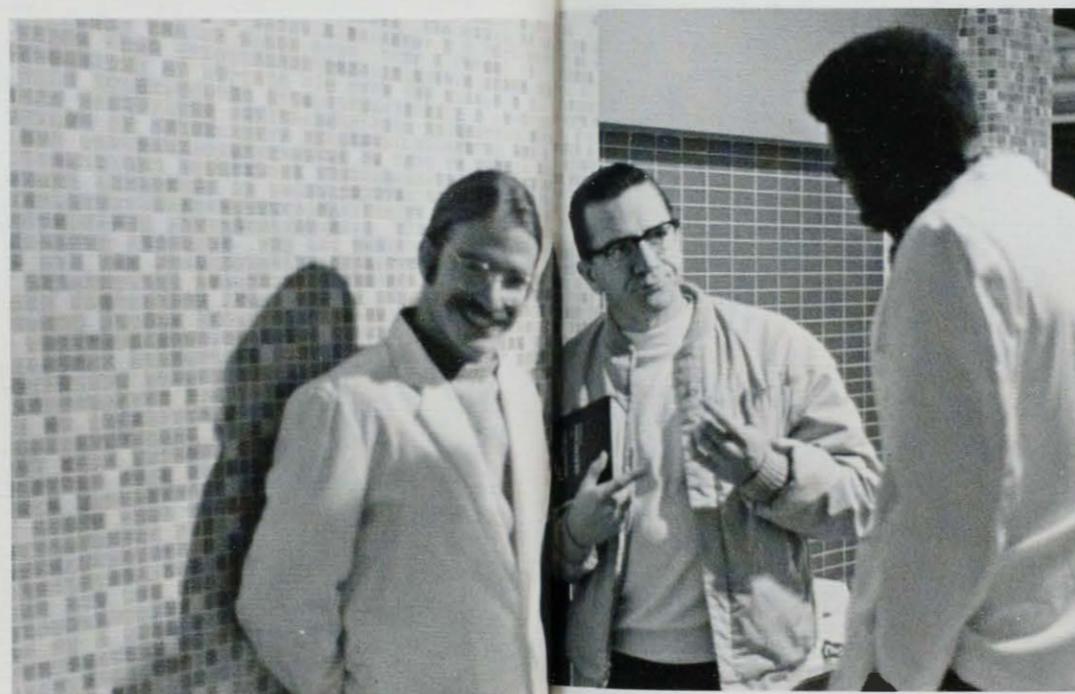
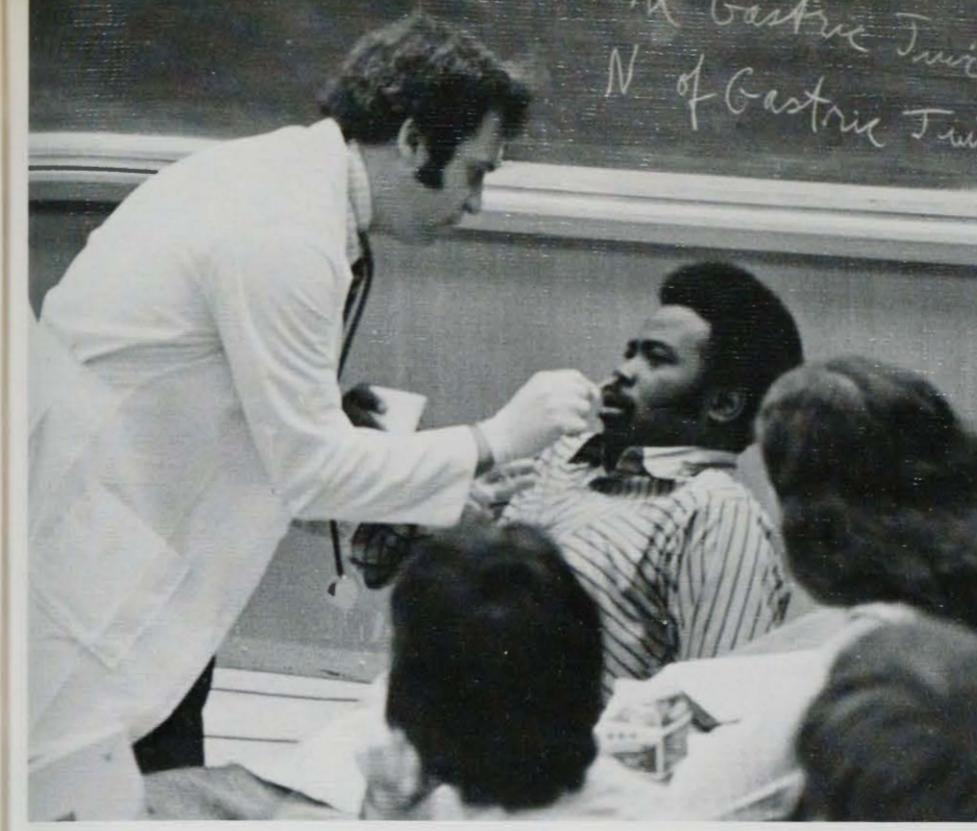
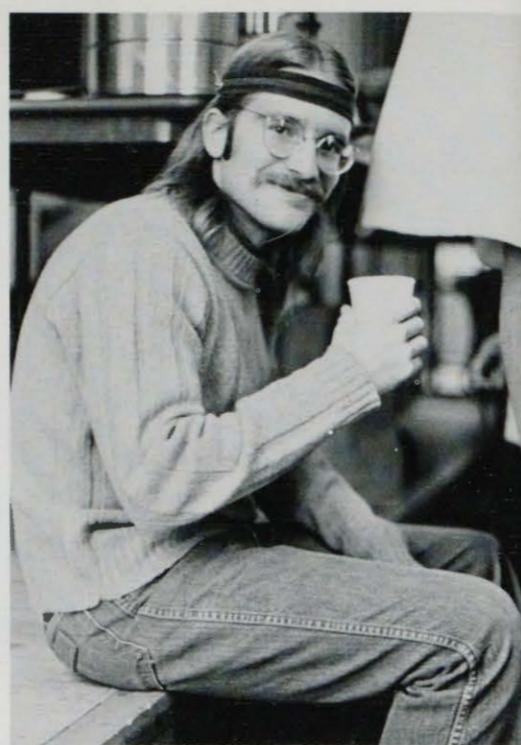
James L. Beach



Bruce Elliott Blackman



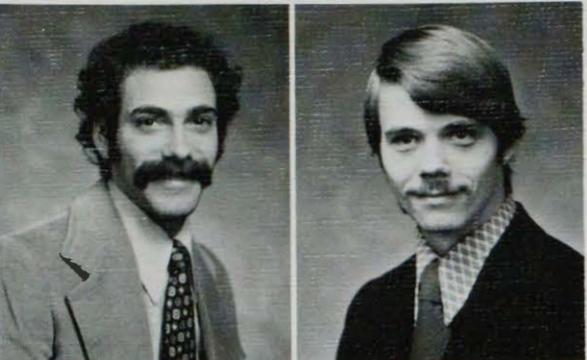
Andrew Blackstone



It became increasingly evident from "DAY ONE" that in-class hours were only a small part of medical training and the student can expect the seeming void to be well filled. ABOVE: Bruce Blackman grabs a shot-of steam as Pathology ends and the Internal Medicine department stands

ready to pick up the ball; Dr. Routman demonstrates in tubation on Zeke Abanishe as the class observes. BELOW: Dr. Francis lends an attentive ear to Zeke as Bruce listens in; and Dr. Orcutt confers some aspects of Pharmacology with Darryl Aarons.

Martin Book



Michael Bosworth



Arnold Israel Brenner



Bill Brown



Richard L. Broyles



Joseph Samuel Cerni

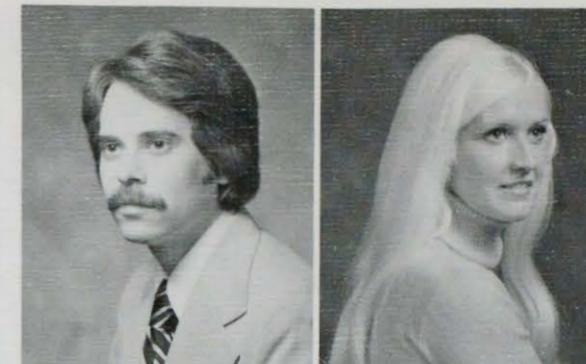
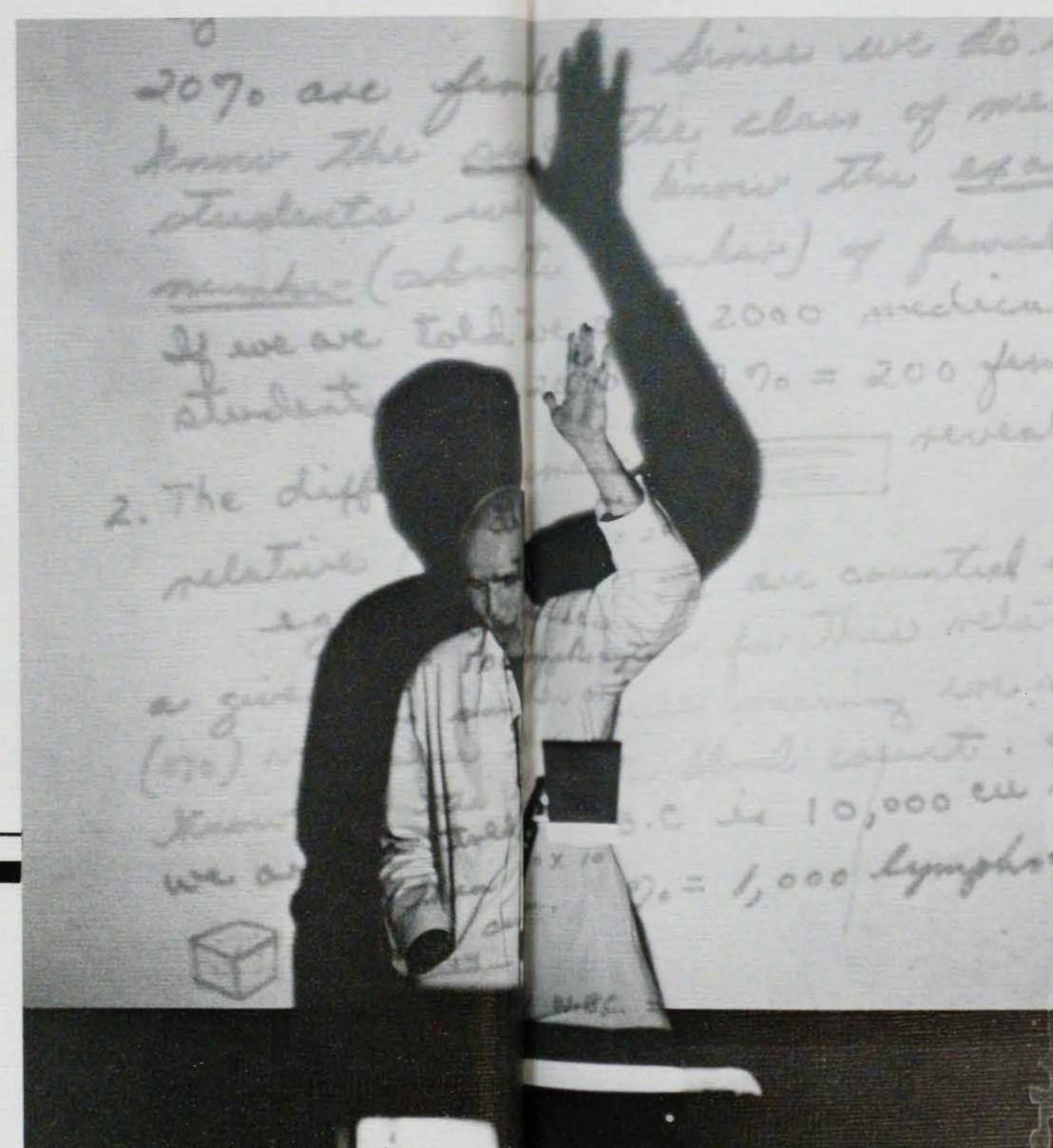
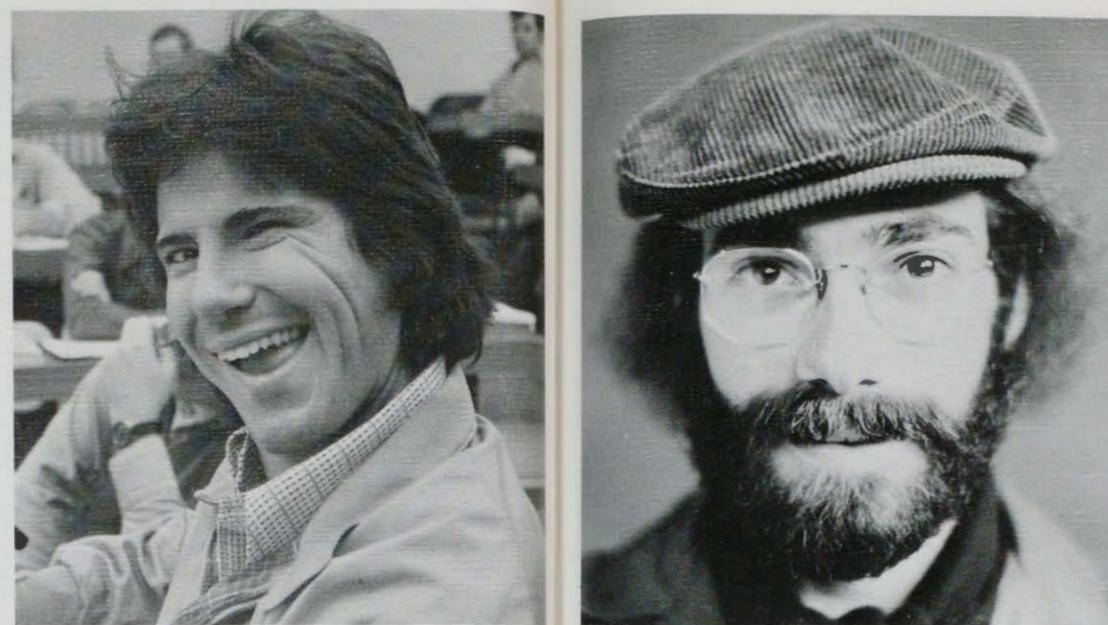
Doran M. Christensen



John P. Clark



Occasionally, when time permits and finances demand, our students are turned toward supplementing loans, scholarships or support from home. PICTURED ABOVE: Marty Book is seen returning from the Ruan Garage; and Joe Cerni demonstrates his favorite Sixth and Center hustle.



Gregory Classen

Cherryl Collman



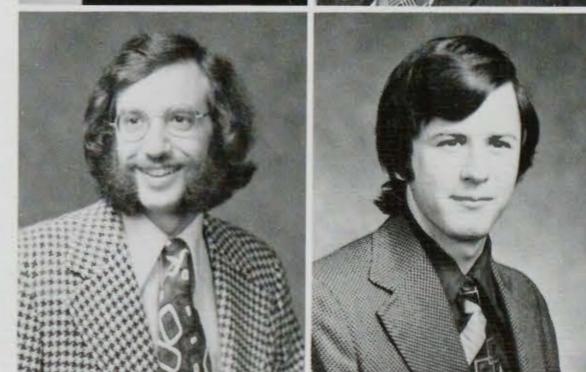
Deborah A. Copperman

David Dennis



Anthony Dominic

Joseph Doro



Stephen Dubin

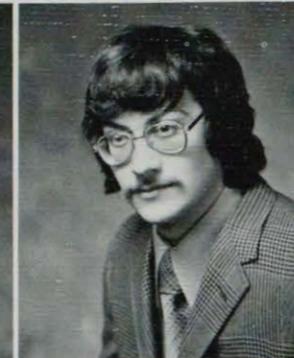
Bruce W. Duffy

Dr. Castle graciously accepts applause after a lecture well done

Edward L. Ebert



Jay Ecker



Dale Elleson



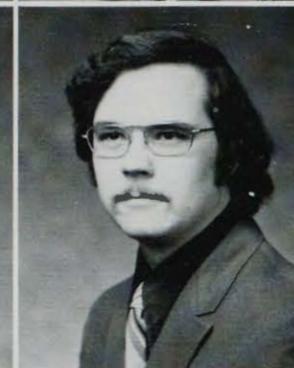
Richard Evans



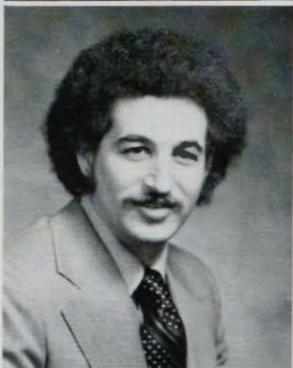
Russell D. Florenz



John Frahm



Stuart A. Friedman



Brian T. Fulton



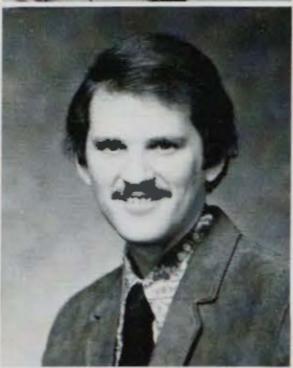
Glenn J. Gerber



John Geren



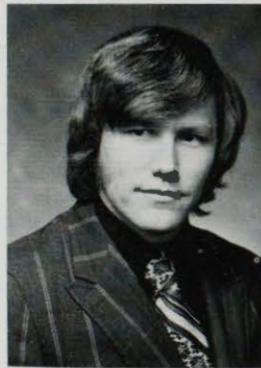
David Clark Gilman



F. Craig Glynn



R. Paul Groben



Barry J. Gross



Paul Haberer

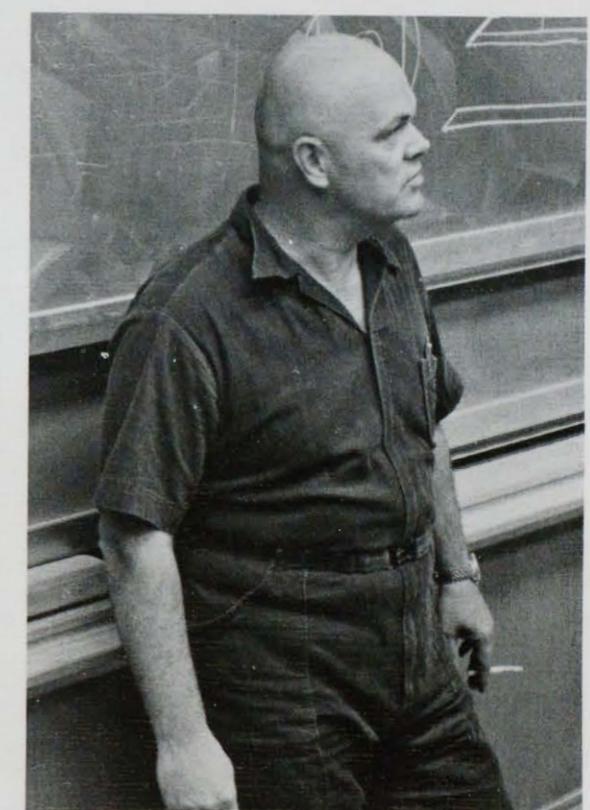


Lesley Hanson

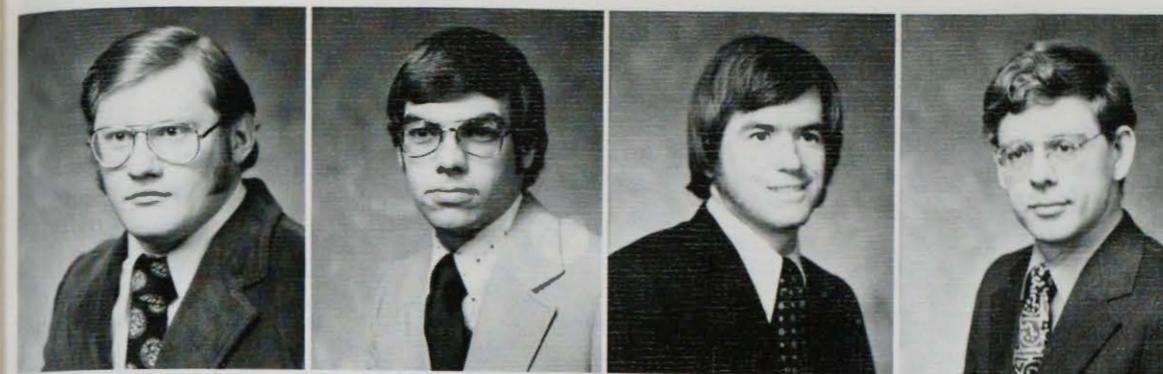


Modern electronics has become the legacy of today's clinical practitioner. We see here two of our students, Mike and Don, studying preprogrammed notes while attending a closed circuit televised lecture.

Tantamount to our educational program is providing the most distinguished clinicians available to offer training to the physicians of the future. Dr. Loerke offers some pearls of wisdom on the practice of Anesthesiology.



The surgical appliance has for many years been a valuable adjunct to osteopathic medical therapy. Application demands the skill and dexterity acquired only by years of conscientious practice or the innate expertise in selling ladies millinery as exhibited here by Frank and Craig.

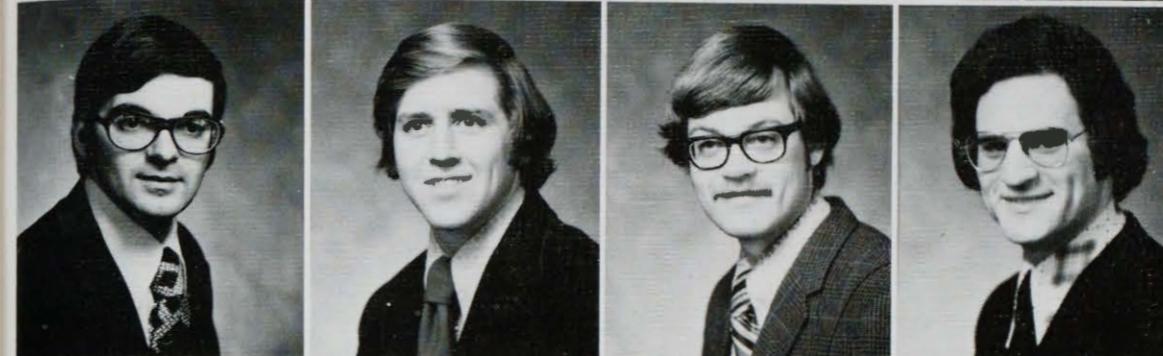


James Hardinger

Steven E. Hart

John C. Hayden

Lance Hildrew

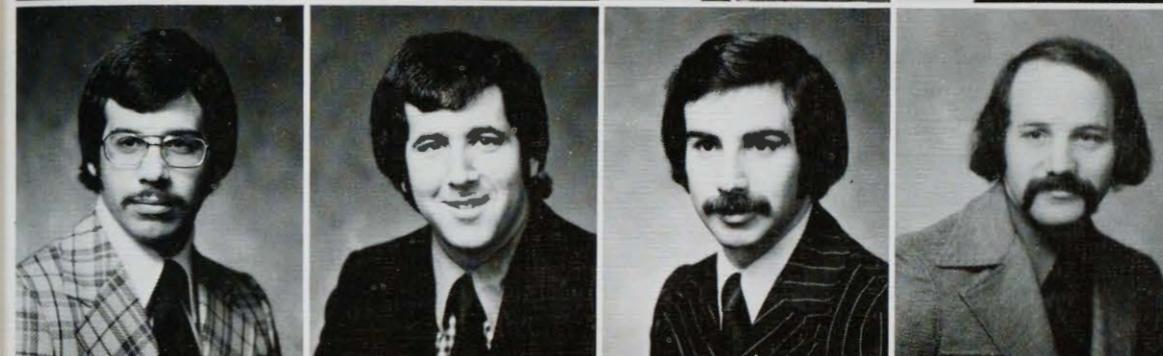


Russell J. Hopp

Charles Hughes

W. Bruce Kane

Jay Joseph Kaner



Philip D. Kannel

James G. Kantor

Bruce Leonard Kaplan

Howard Katz

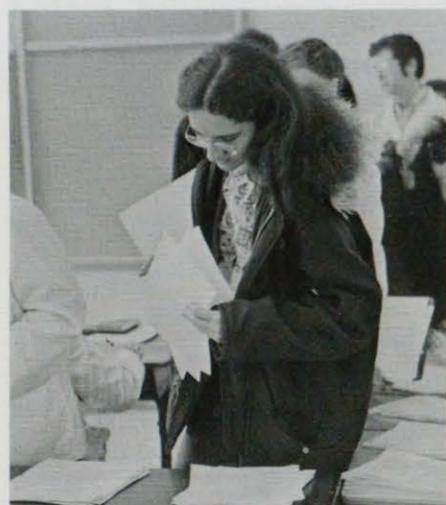


David C. Kazmierski

Prann Khanna

Marianne Klemm

John G. Kmetz



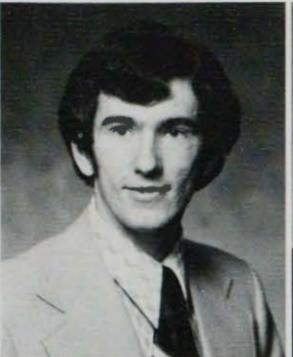
The object of current trends in curriculum planning is to divide the student body into small units allowing greater communication and exposure to the faculty. PICTURED ABOVE is one such study group (Left) viewing a few photographic slides in prepara-

tion for an upcoming pathology exam. BELOW, Lesley Hanson picks up the week's notes (Left) and Pauline Ganger (pathology secretary) explains some examination procedures to the Group Leaders.

David P. Kosnosky



Walt Krajewski Jr.



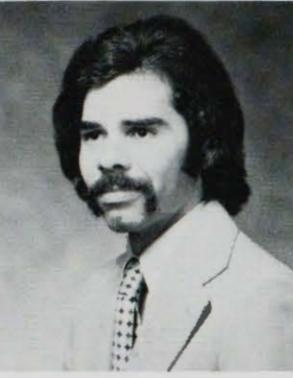
Paul Krueger



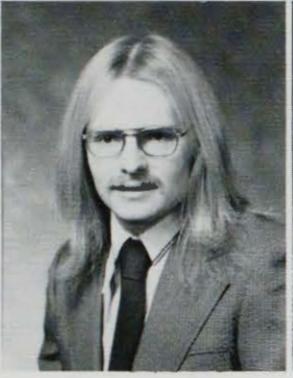
Terry Kurtz



Michael R. Laffer



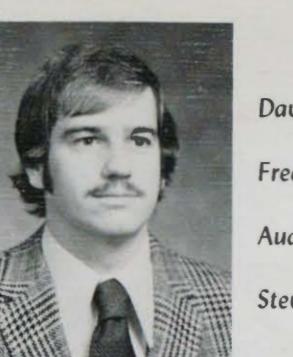
James C. Lambros



Lawrence A. Larson



Alex Leeds



David Leibel

Fredric Levin

Audrey Lewerenz

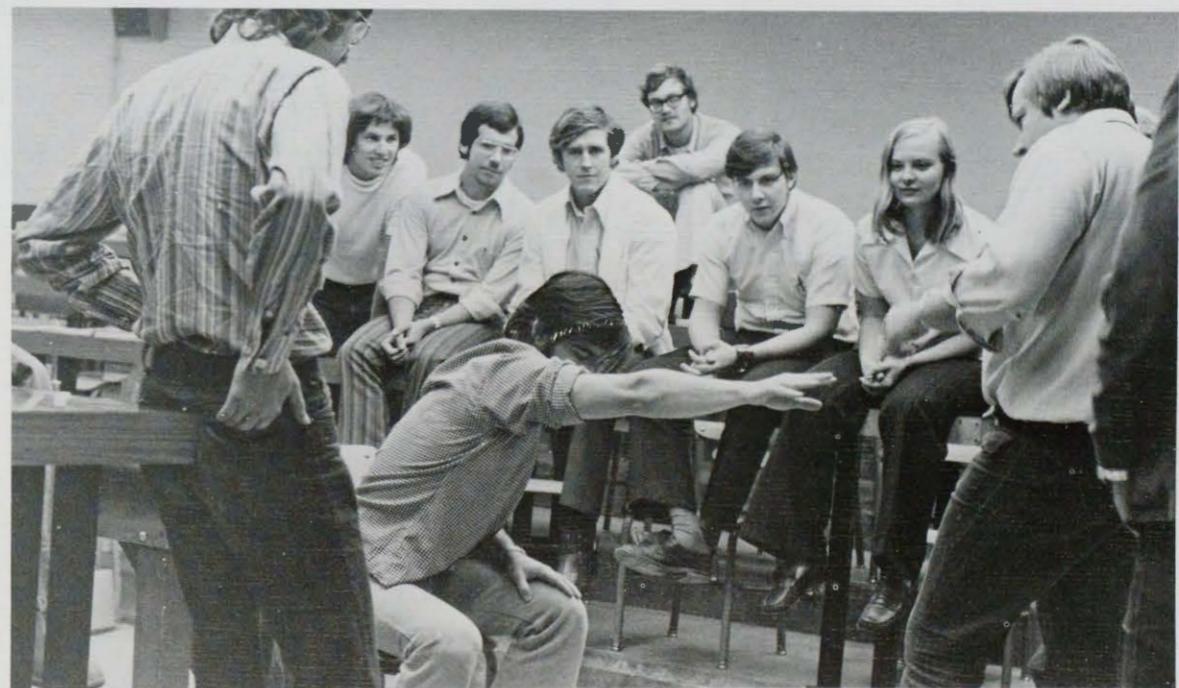
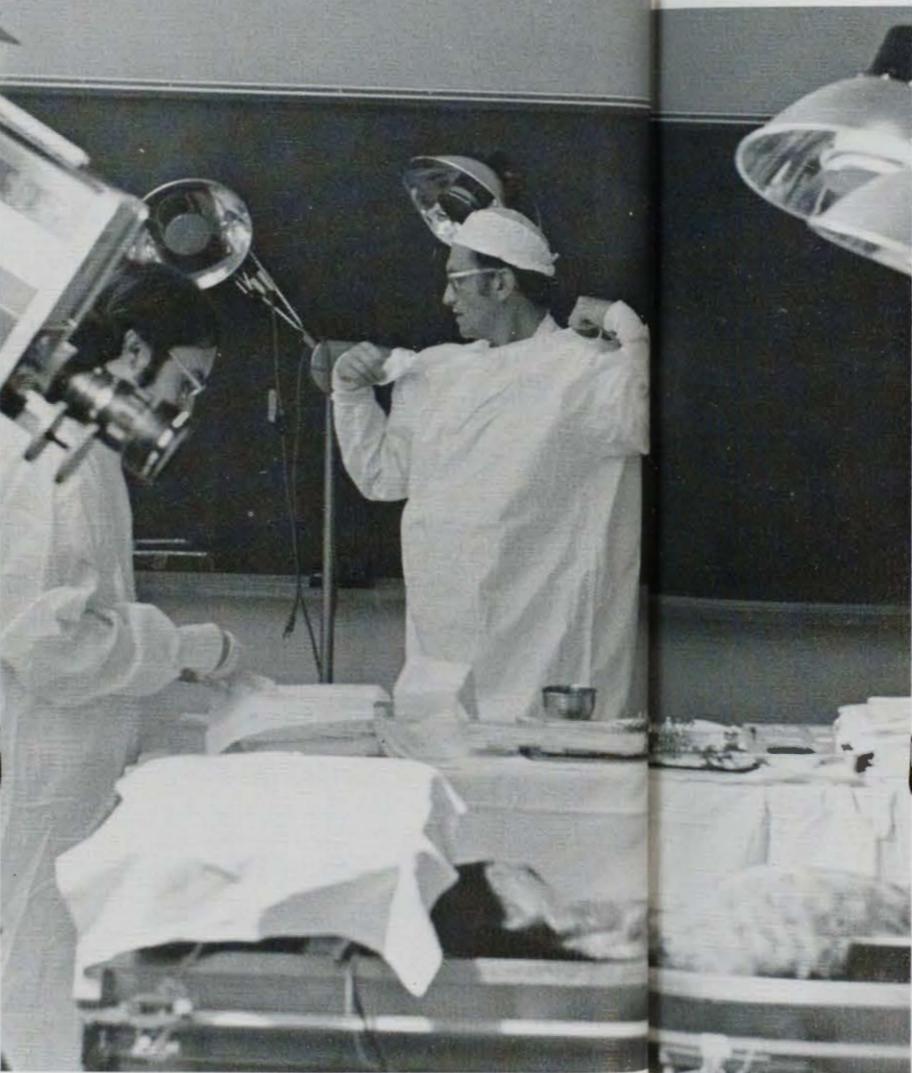
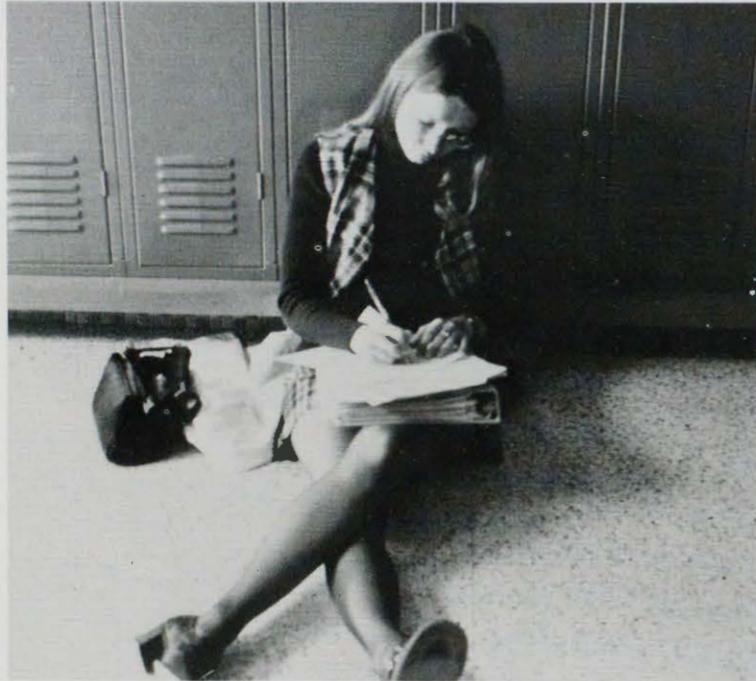
Steven Liakos

Gerard J. Lillis

Douglas Linford

Harry Liventals

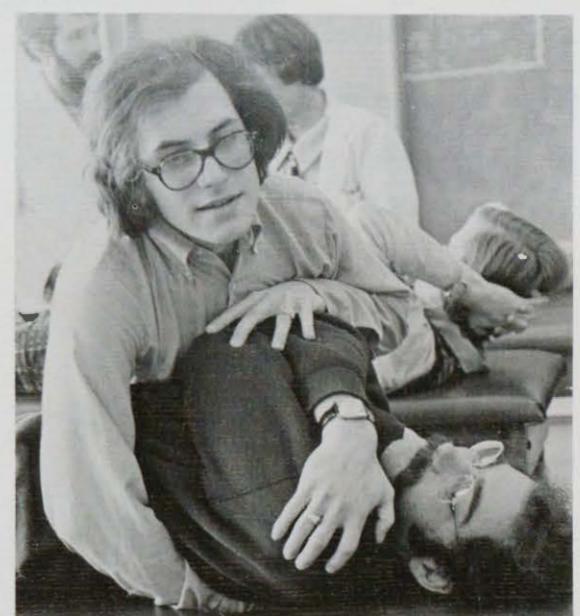
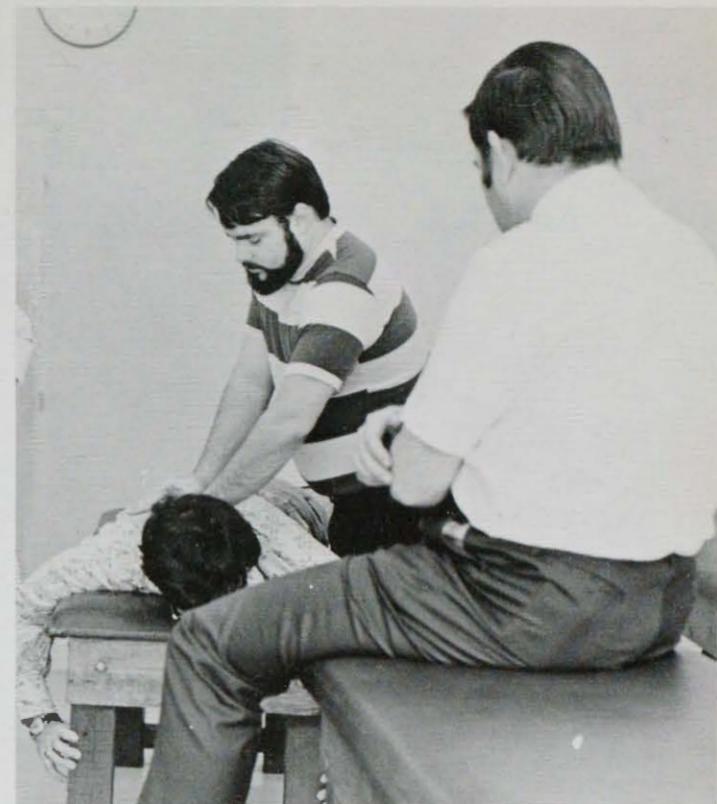
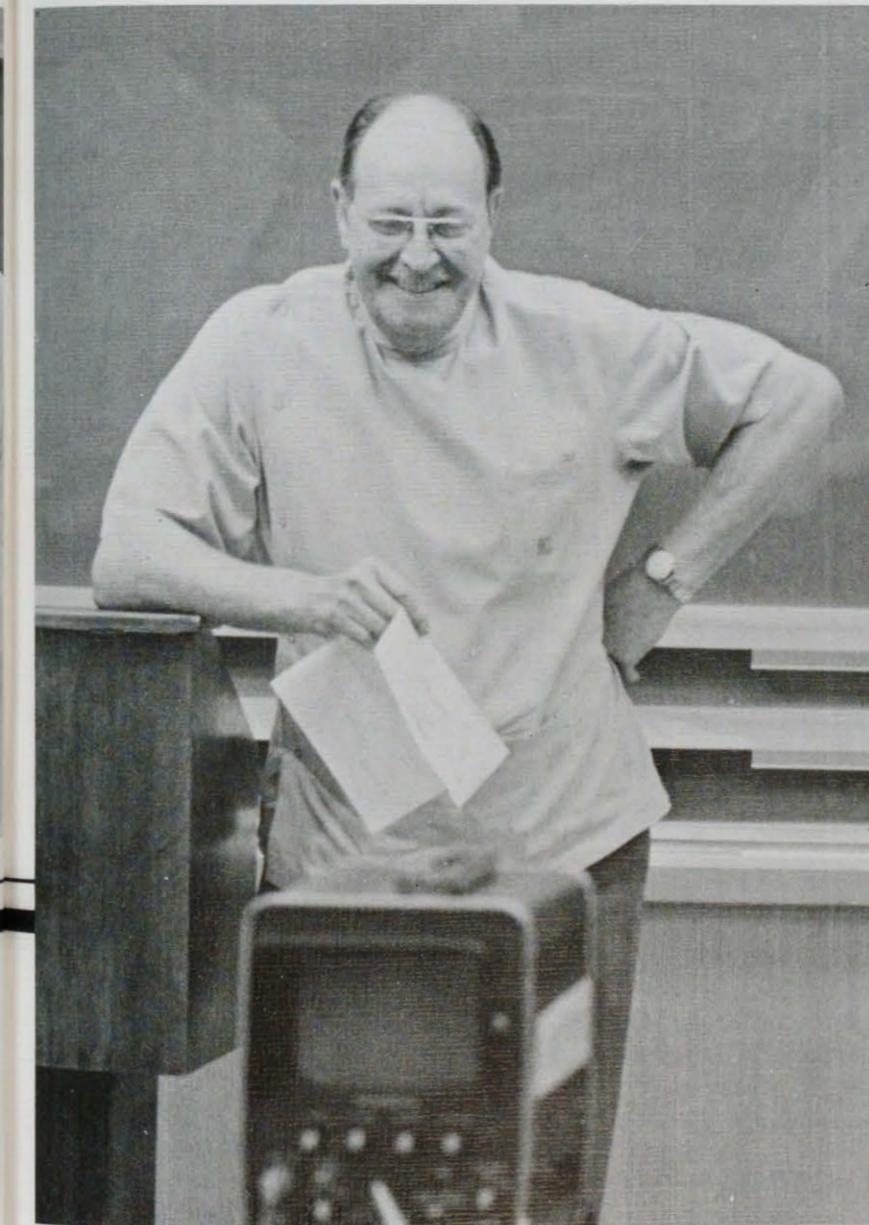
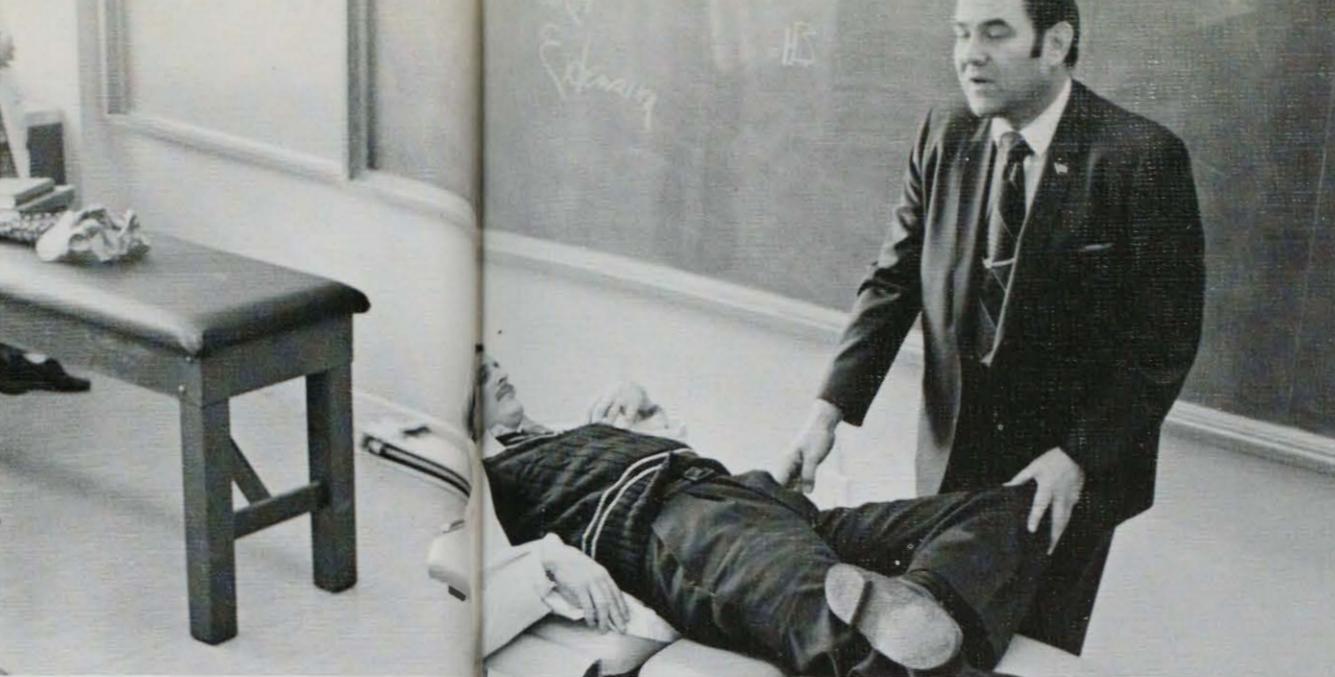
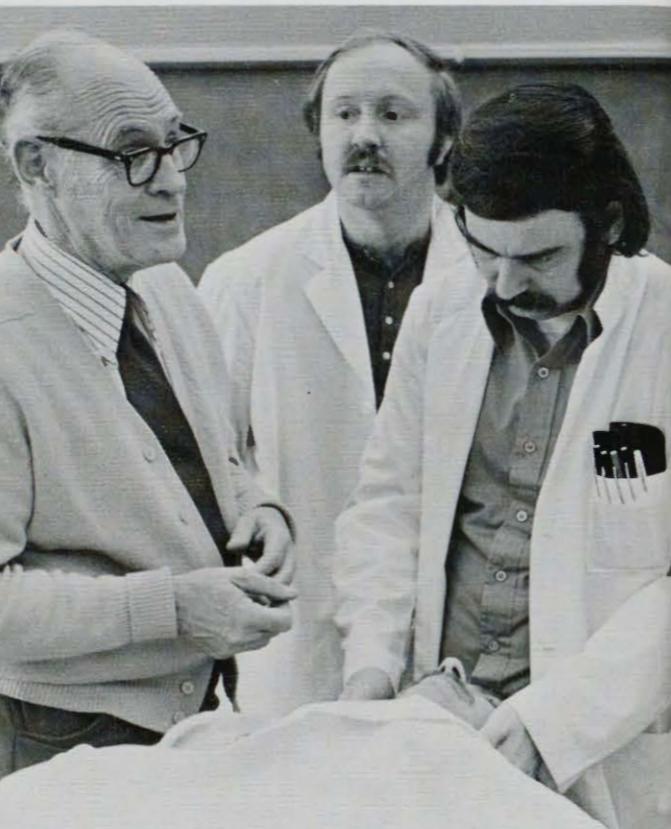
Paul Lorenzen



When the challenge of the prescribed academia becomes routine, students seek to broaden their experience and talents. CENTER, Dr. Rose prepares for class in surgical technique assisted by student instructors. ABOVE, Audrey Lewerenz prepares some notes for future clinical conference.

Harry Liventals demonstrates a few dynamics of hypnosis.

College Of
Osteopathic
Medicine &
Surgery



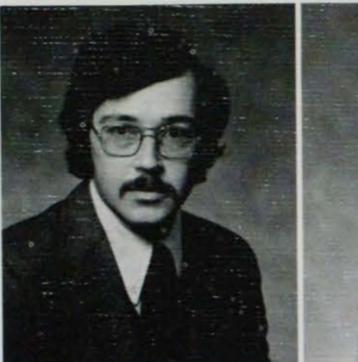
Above the whispers is realized the "raison D'etre" of the didactic and practical training presented. Pictured here are the practitioners who offer their skills toward the advancement of Osteopathic principles and

practices. TOP ROW: Dr. Connair explains some therapeutic indications for manipulation to Larry Larson (LEFT), and Keith Petrella (RIGHT). BELOW: Dr. Lee, pictured left, and Dr. Templeton, right, demonstrate a

few diagnostic principles of Osteopathic practice. Dr. Byron Laycock, Chairman of the Department of Osteopathic Principles and Practice (SHOWN RIGHT)

shares a few excerpts from his volume of anecdotes during lecture and Jerry Markowitz (FAR RIGHT) tries his skill on Marty Book.

Thomas Lower



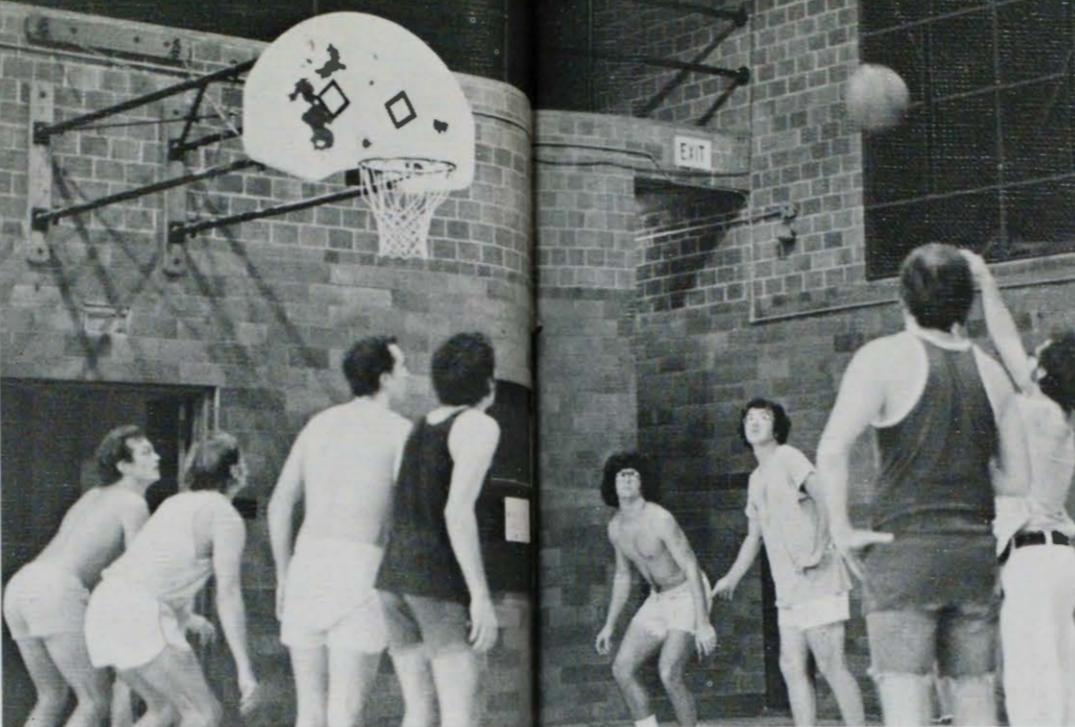
David J. Lydon



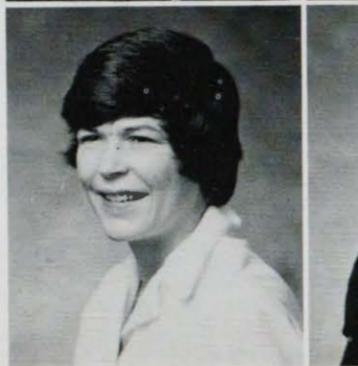
William J. Lynch



Thomas E. McKnight, Jr.

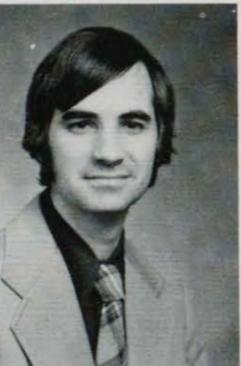
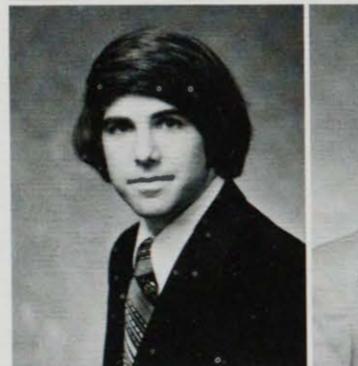


Jewell E. Malick

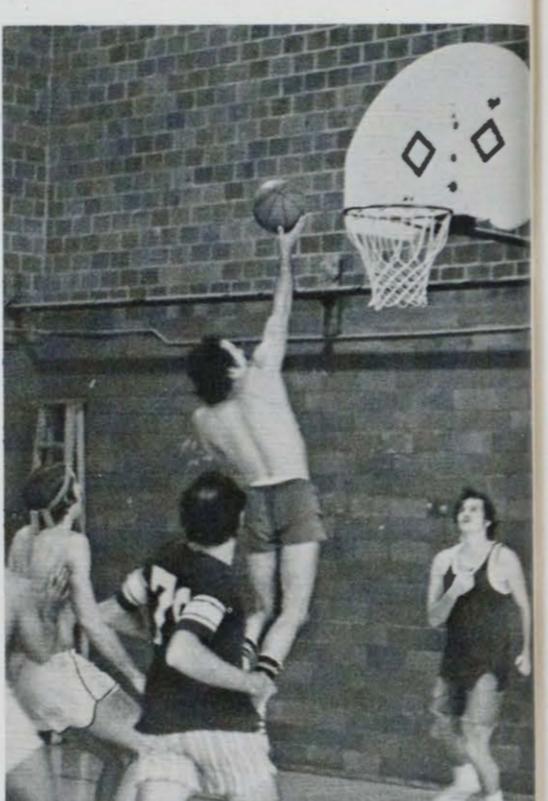


Stanley Malinowitz

Donald Marcus



Ralph Marcus



Whatever enthusiasm failed at times to be evident in class bounced high on the court during the basketball season. Most everyone from Dr. Castle to Marty Book, had the "moves." Above is how the freshmen won—with a lot of luck (TOP), a little grace

The Season's Highlight: Fresh-Soph Play-off

" . . . I need someone to set a pick for me at the free throw line of life; I need someone to pass to on the give and go and not end up in the popcorn stand . . . I can dribble with my tongue, I can dunk it with my nose. I'll take on

the whole world one on one left handed . . . I can take 25¢ off the top of the backboard and leave 15¢ change, I've got the moves of Exlax . . . "

Basketball Jones



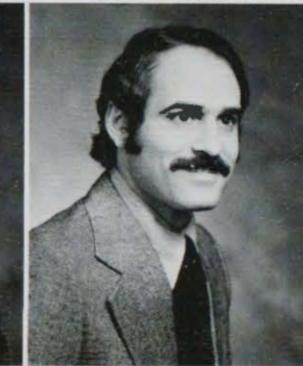
Jerry Markowitz

Bruce G. Martin



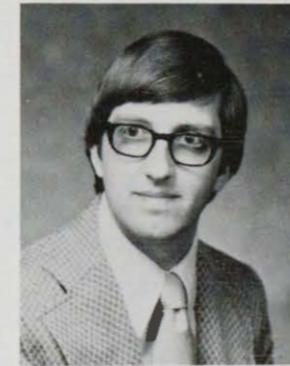
Paul Martin

Joseph Masternick, Jr.



Lorny Matthews

Mark Meisel



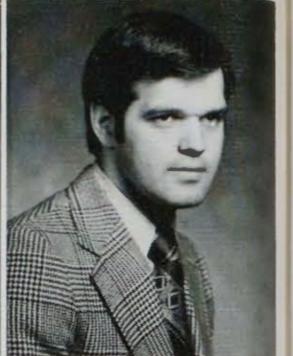
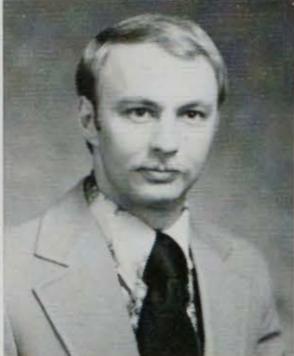
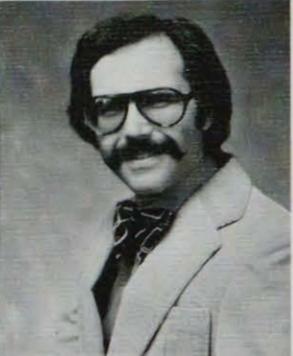
Danny Mikesell

Raymond A. Mondora

Lon Newlin



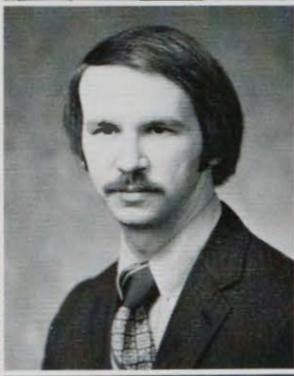
Harris M. Newman



Paul W. Nielsen

Norm Nouelly

Mary Nunchuck

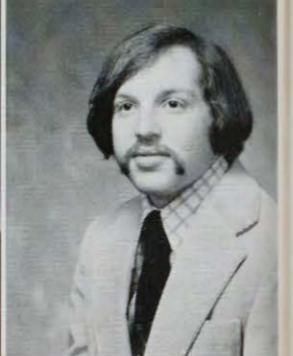
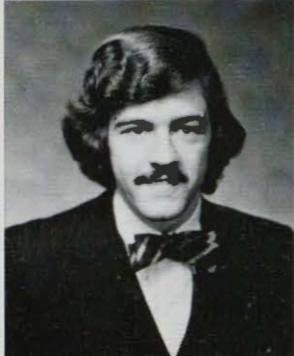


Linus C. Ohaebosim

Robert S. Orosz

Dennis Orr

Edward H. Papish

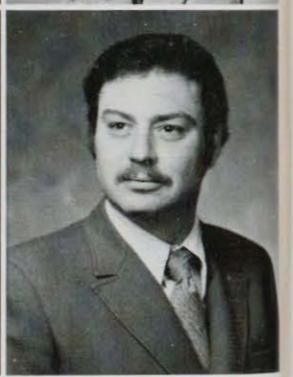
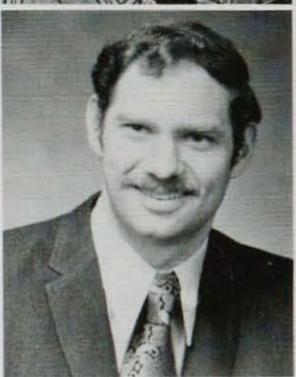


Allan L. Parker

Todd Patterson

Don N. Peska

Robb Petty

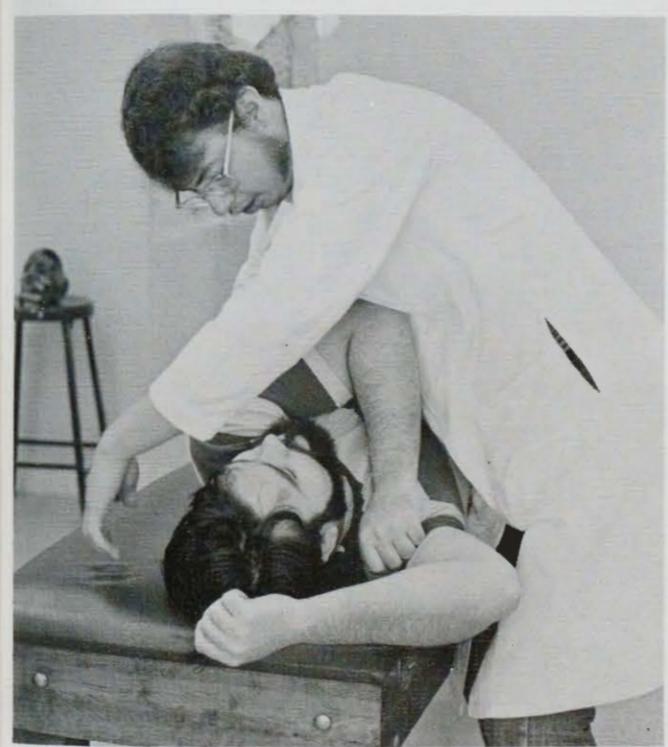
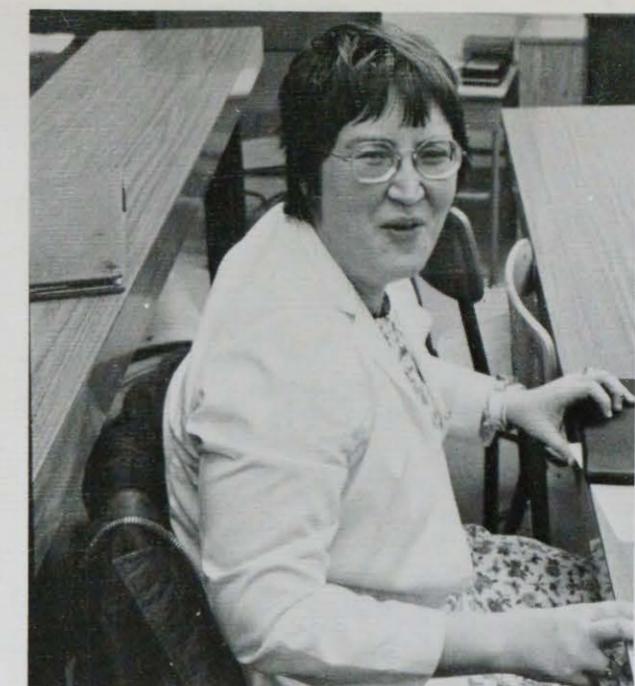
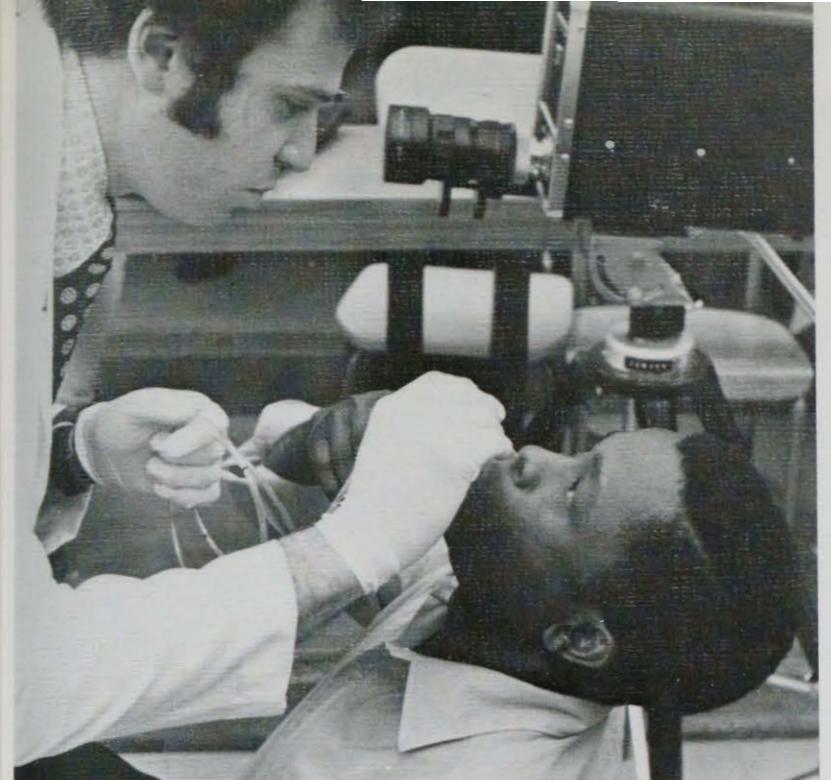


W. Keith Petrella

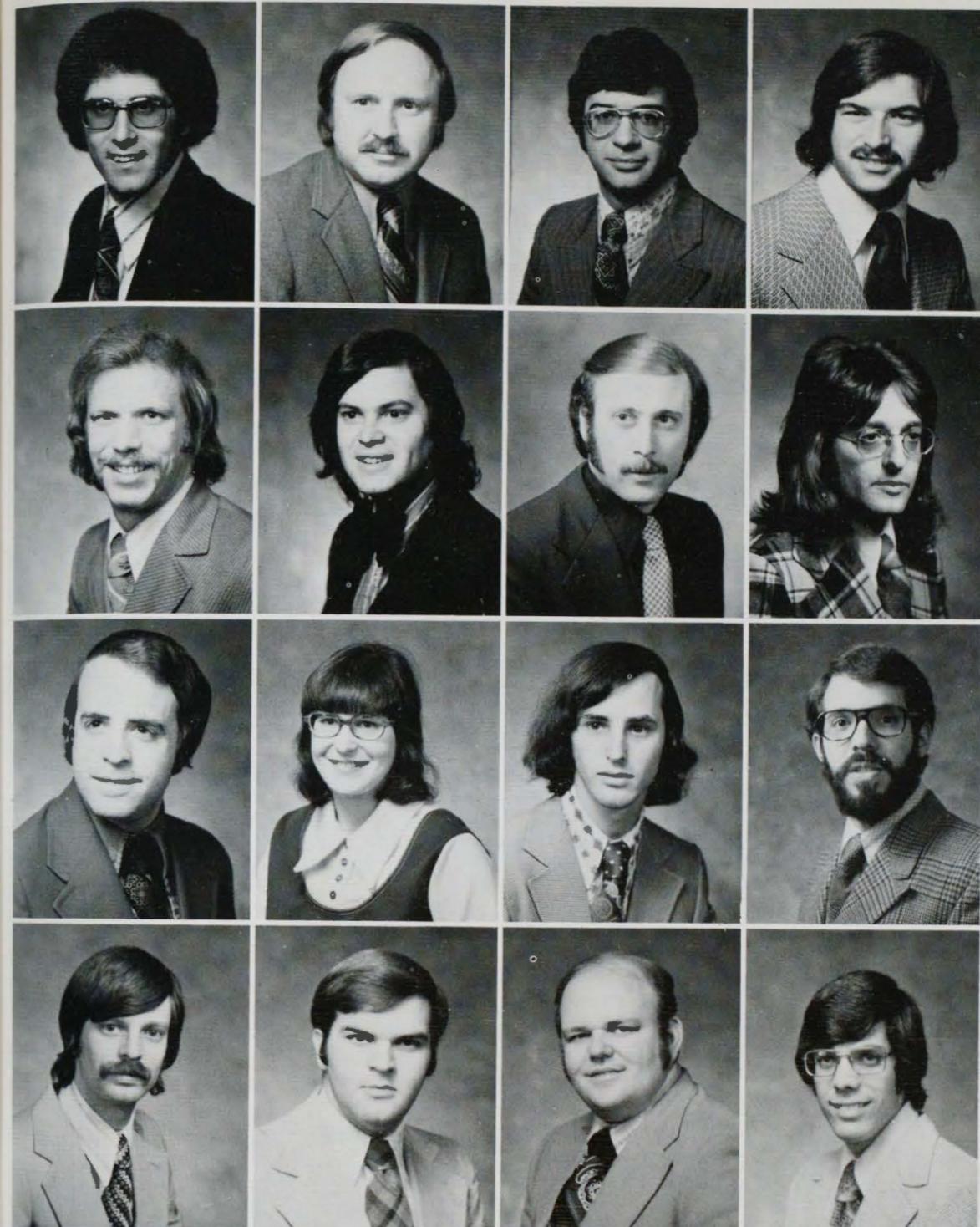
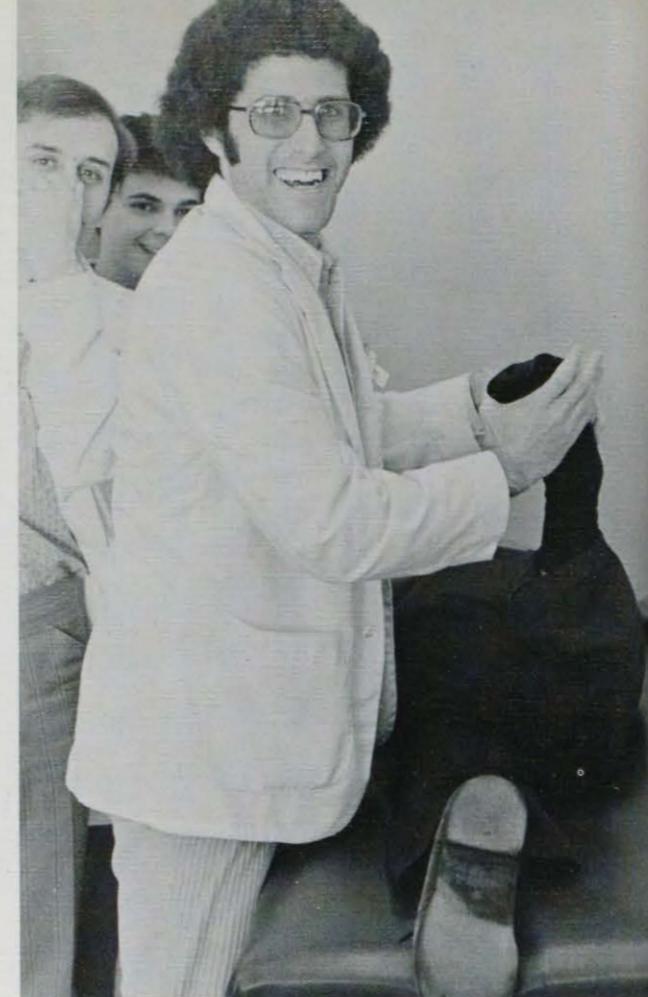
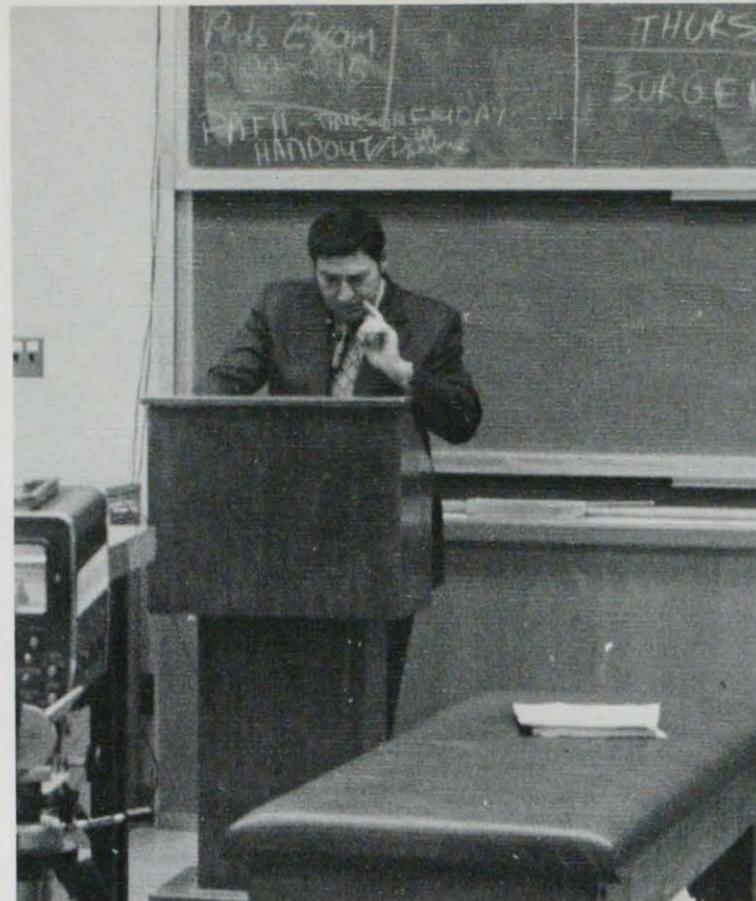
Francis J. Piccione

A. Joseph Pisciotto

"See one . . . do one . . . teach one." Linus Ohaebosim (ABOVE, LEFT) receives first hand instruction on insertion of the NG tube and Mary Nunchuck (ABOVE, RIGHT) demonstrates proper technique for light palpation.



BELOW, Al Parker performs a thoracic correction on Keith Petrella (crunch!!) and Dr. Rose points out some dynamics on the rotating cuff apparatus to Dennis Orr.



Howard L. Press

Carl Rouse

Robert J. Sachs

Fredric E. Sager

Michael Sallen

Marvin Schatz

Michael L. Scheer

Elliott Schweid

William Serote

Rita Shapiro

Robert T. Simkins

Sam Singer

Steven Sklar

Dan Smith

Rene Smith

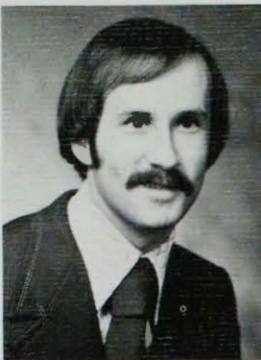
Howard L. Spector



Medical education encompasses the spectrum of human experience as depicted by this photo study in contrasts. ABOVE LEFT, Dr. From and BELOW LEFT, Dr. Rolek present a few critical points in the diagnosis and management of the disease state. On the lighter side right, Howard Press (ABOVE) demonstrates his

own methods of manipulation to Frank Piccione and Dante Toriello. BELOW, Todd Patterson describes the "Total Experience" of manipulative therapy to onlookers (FROM LEFT) Jeff Wasserman, Glen Gerber, Fred Sager, and Rita Shapiro.

Frank J. Stefanec



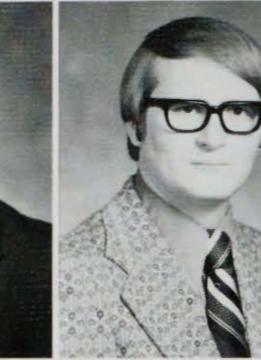
Norm Stempler



Francis Tacka



Dean Teeter



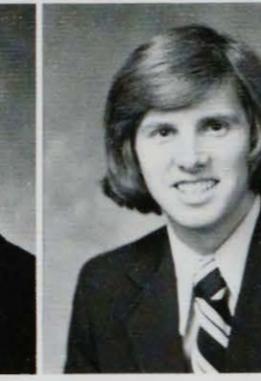
Tom Wallach

Jeff Wasserman

Ira H. Weiner

William Welsh

Samuel Tokuyama

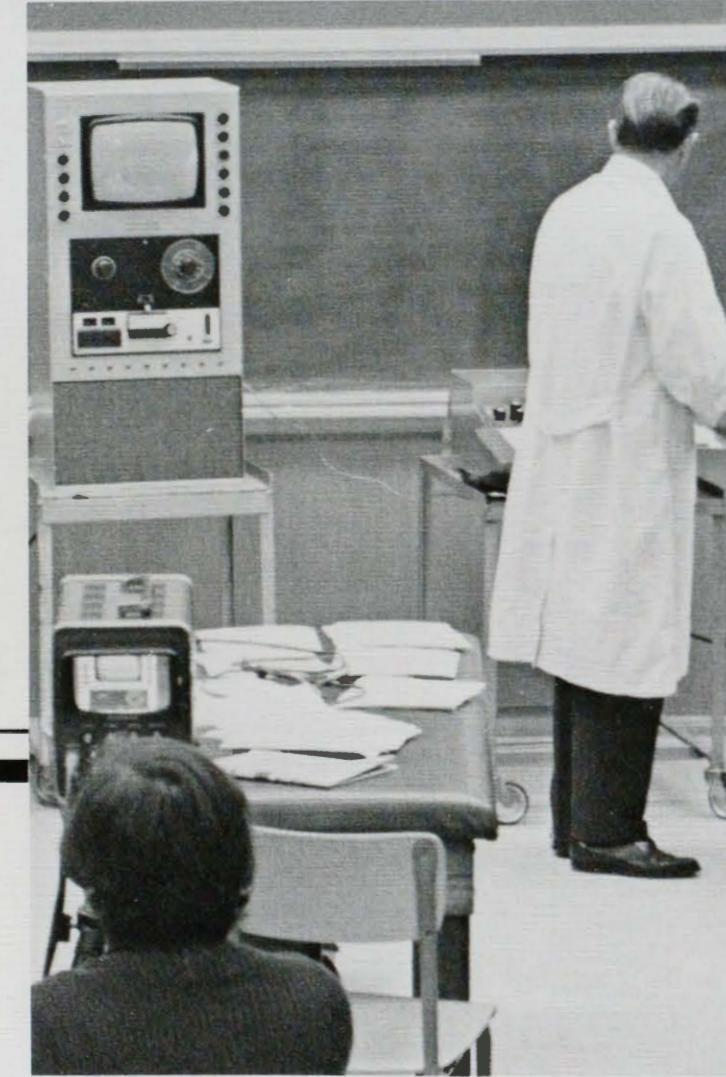
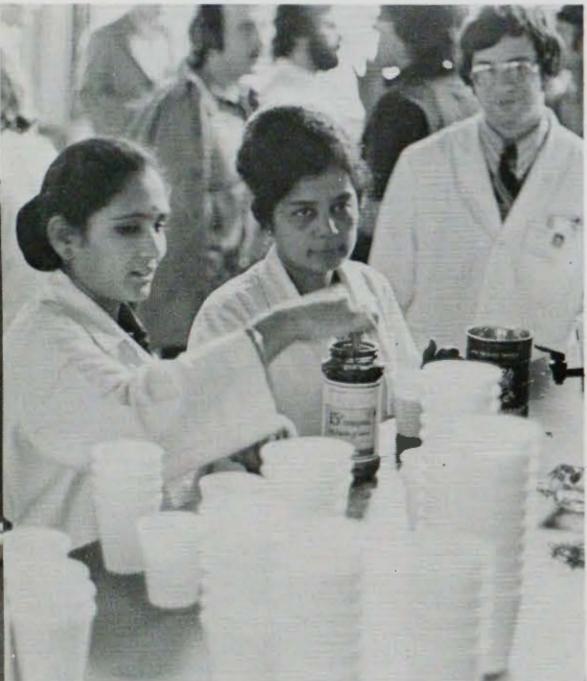


John Whitham

Harold Whitney

George Williams

Frank Wojciechowski



While examinations were numerous and free time hard to come by, the college community found several ways to relax. PICTURED ABOVE: Drs. Kosuri and Sayeed take a few moments rest from their busy schedule following the last Pathology

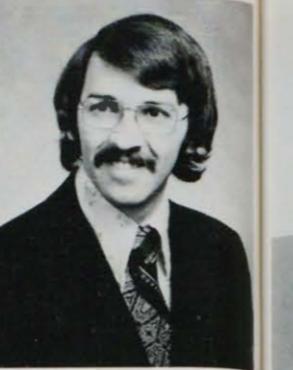
examination as Bob Sachs looks on; Dr. Dakovich offers some enlightening points on cardiac auscultation; Dr. Sachs gives an off hours review of the anatomy of the hand; and Dean Teeter takes some suggestions for next year's yearbook.

Laurie Woll

Terrie Wurzbacher

James Yarnal

Darryl Steiner



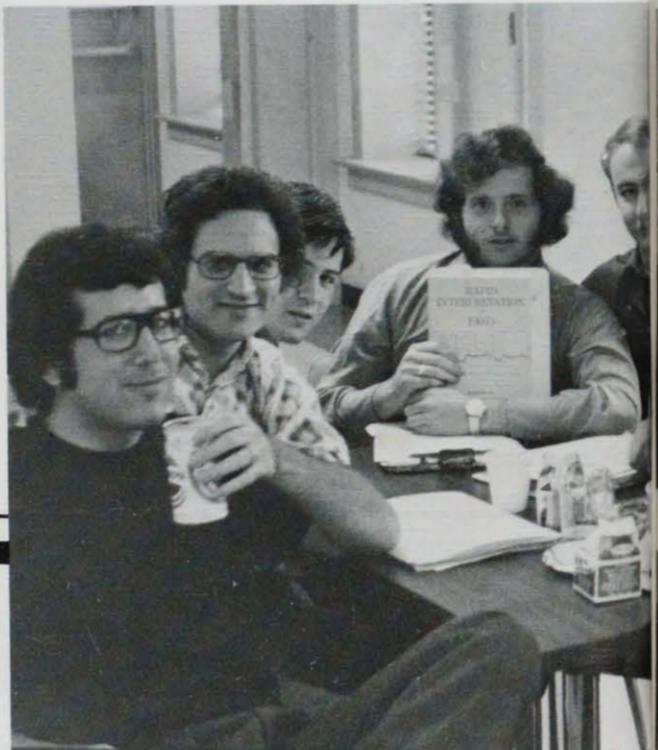
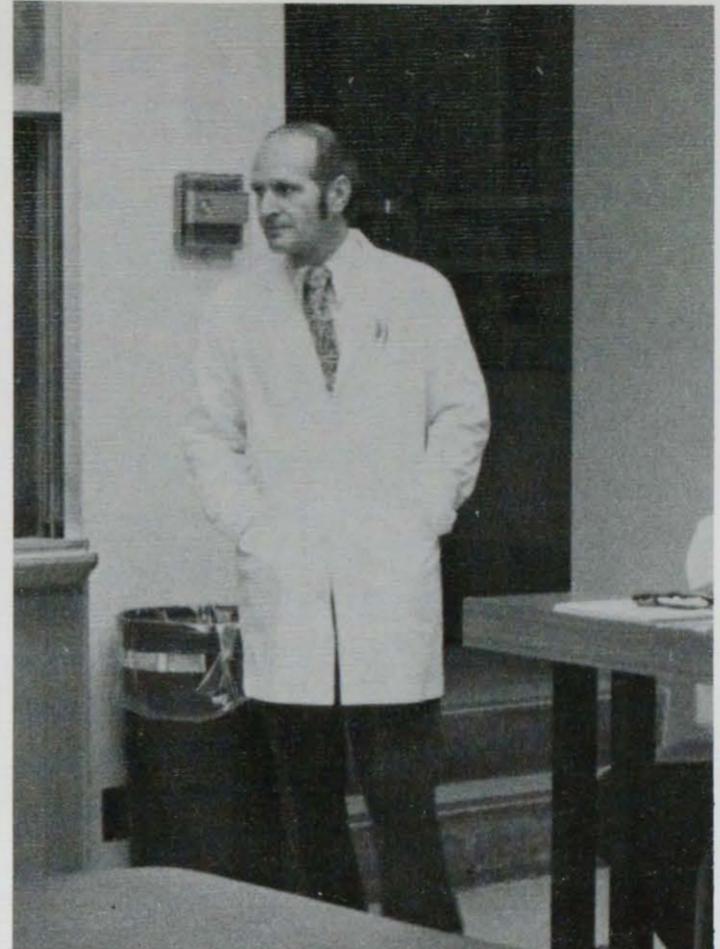
PICTURES NOT AVAILABLE:

Lester Owens

Gary Valestin

Vicki Petersen

Jon Van Cleave



As the Class of 1975 completes its second year, we look forward to Part I of the National Boards and for many of us to leaving Des Moines. On these two pages, we reminisce about our second year. On the extreme LEFT, Laurie Woll and Ira Weiner take ad-

vantage of a well-planned physiology lab to practice artificial respiration on "Resuscitator Annie." ABOVE LEFT CENTER, Kantor, Kaner, Duf-

reminds us of many hours happily spent practicing OMT. BELOW LEFT CENTER, Kantor, Kaner, Duf-

fy, Bayles, Nielsen, Papish and Marcus eagerly anticipate the mastery of EKG interpretation.

ABOVE RIGHT CENTER, Don Peska registers amazement as Jim Kantor counts the number of possible faculty errors on a basic sciences examination. On the extreme RIGHT, former Dean Senty and urologist par excellence enters the "pit" for lecture. BELOW a crowd of potential Nobel prize winners flock around Dr.

Kreamer to obtain approval for their cardiology paper.

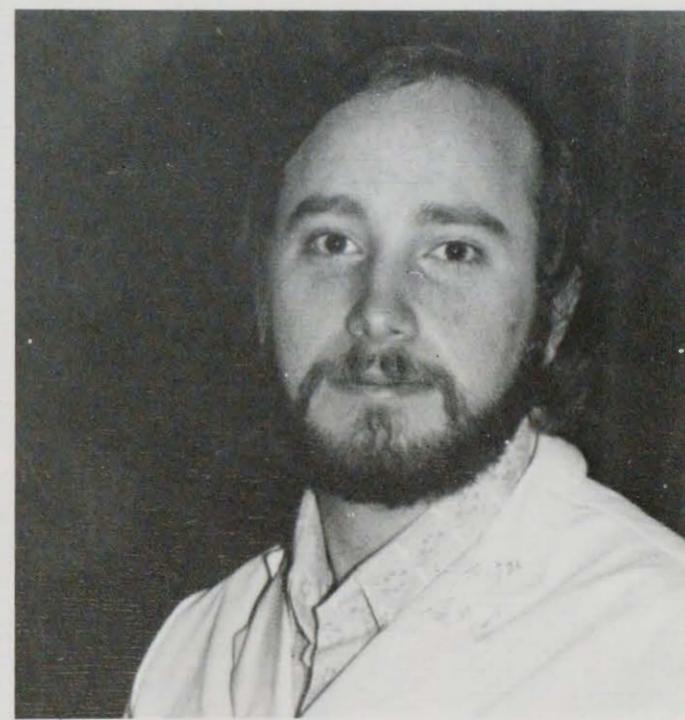
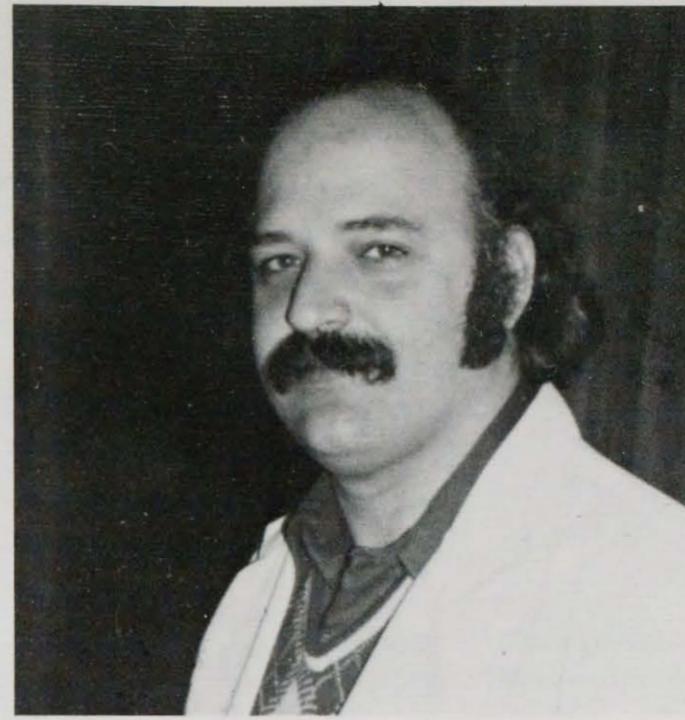
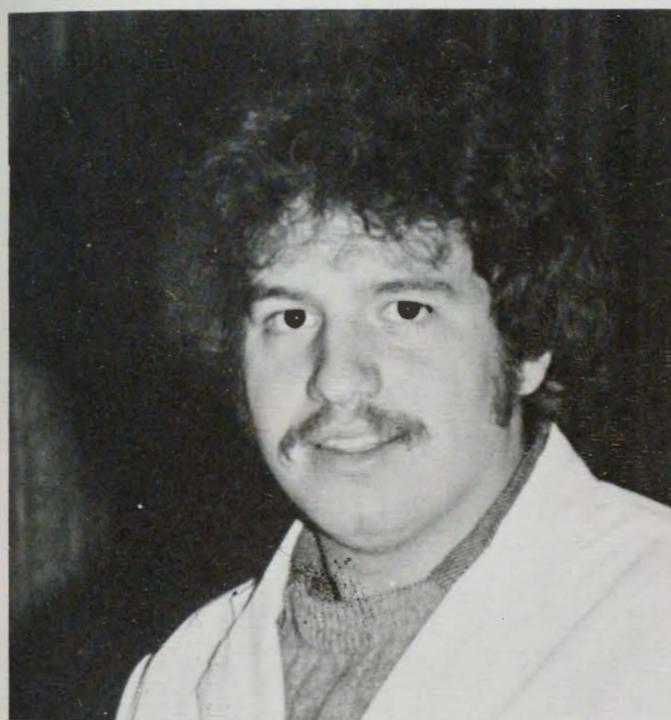
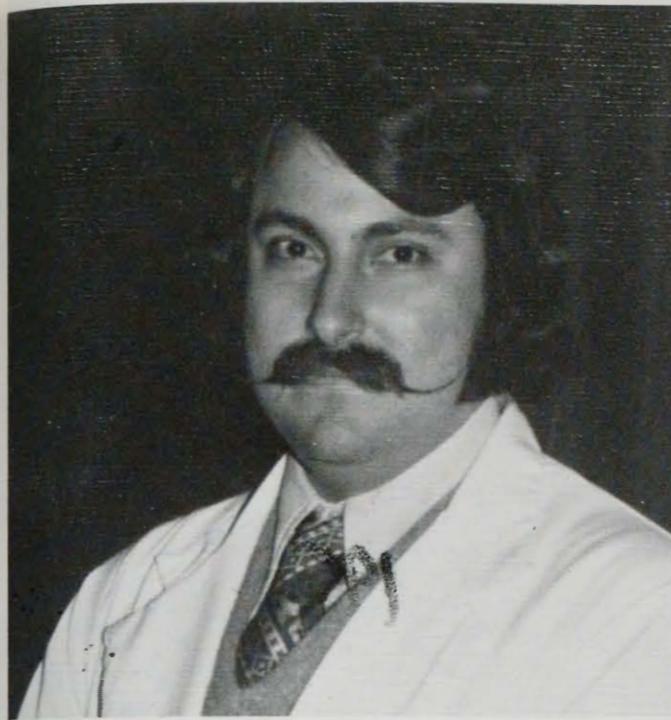
Thus does the Class of 1975 end its formal classes at COMS-with a mild case of Weaver's bottom and hopefully a little more knowledgeable-now prepared to enter the hospitals and clinics in pursuit of medical expertise.

Class of 1976

We have reached for a dream, an ideal a way of life. We have sought knowledge, an intuition, an art. We have touched history, sought insight to our beginnings and opened a field of vision to our future. We have achieved a goal. We have taken that first step.

The realization has come upon us with that first step, that at what we will endeavor to use our minds and our hands, is an art. It is a realization that man is finite in his knowledge of medicine, yet infinite in his intuition, recognizing certain small realms as having meaning, a construction within his grasp, yet a broader framework which remains unknown. We will endeavor to seek insight to this vast horizon ever cognizant of the limitations at hand, setting high our standards, but with a respect and humility that the awe of life cast upon us. Having achieved all of this we begin by pledging our lives to a life of dedication and service to an art, a practice, a science, caring for and idealizing the sustenance of life.

Mitchell Moriber
President,
Class of 1976



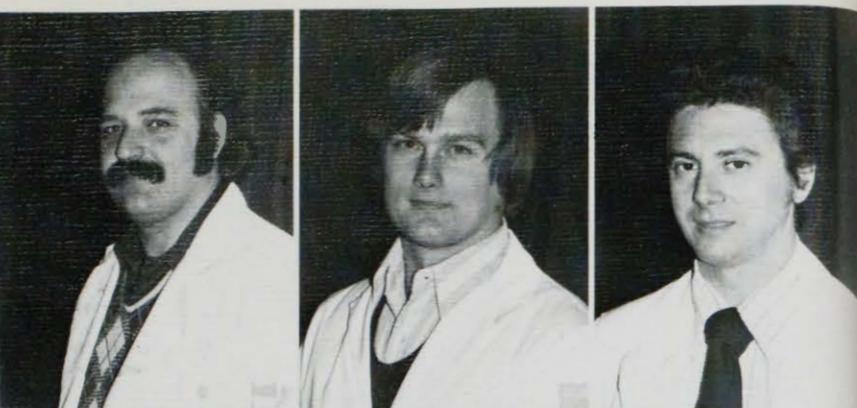
President
Mitchell Moriber

Treasurer
Harvey Giller

Vice President
Richard Adler

Secretary
Frank Labagnara

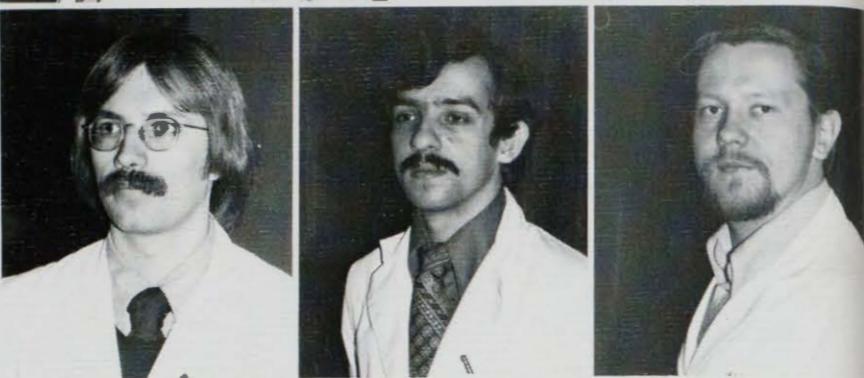
Richard Adler



Dennis Amundson

Marvin Arenstein

Harry Arthur



David Avila

Albert Aymer



Chris discovers that tests are still given during energy shortages.

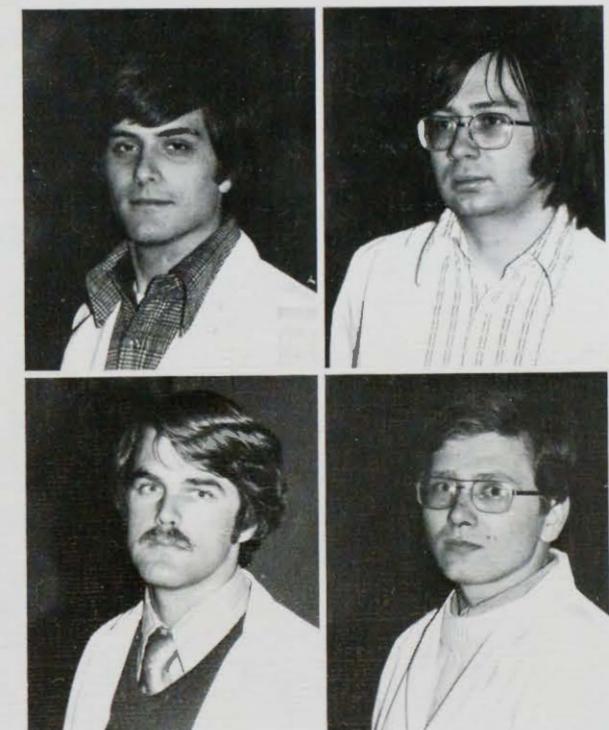


The Di Virgilio - Chimielewski neuroanatomy team. Dr. D lectures and Dick interprets.

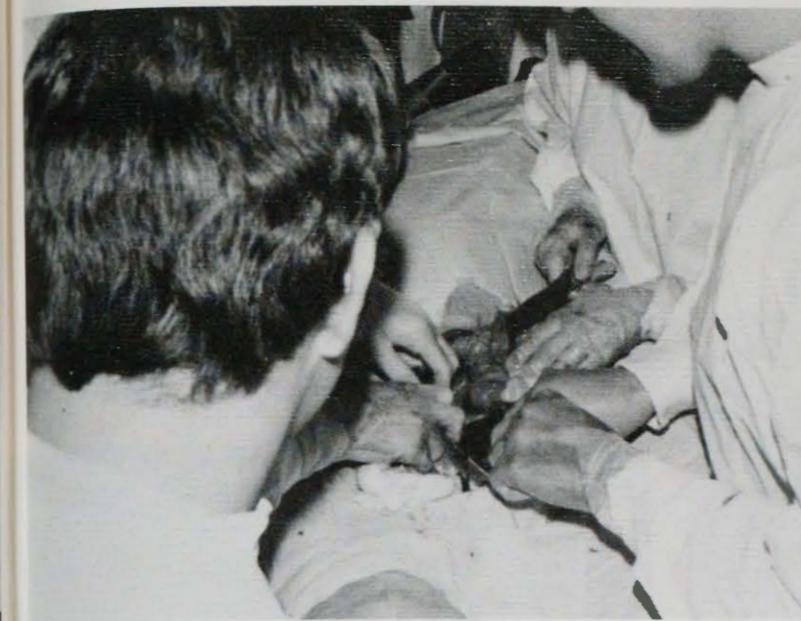


John Badcock
Richard Barber

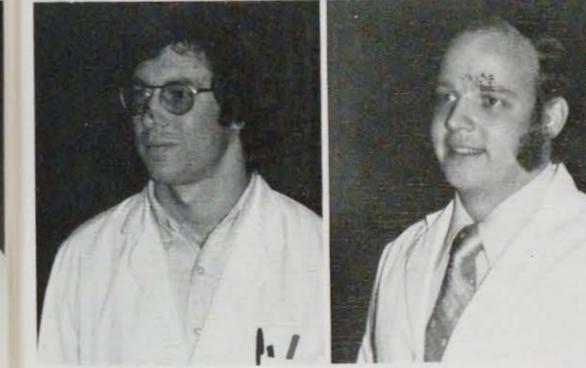
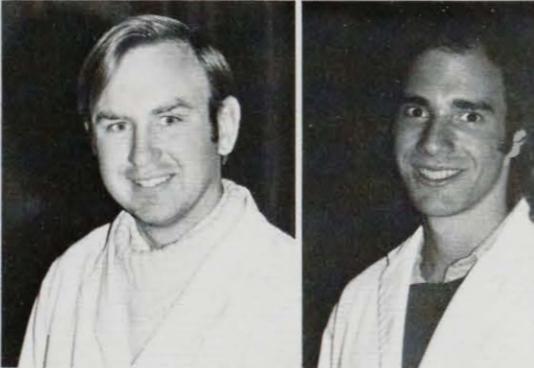
Mark Baker
Ernest Barch



ABOVE RIGHT: Karen Kantor and Bill Jagiello perform an appendectomy with the assistance of advanced students.



BELOW: Wayne instructs students in the art of anesthesia before surgery.



**STUDENTS
(FROM LEFT TO RIGHT):**
Irvin S. Benowitz
Jeff Bleicher
Gilbert Bolitho
Daniel Callan

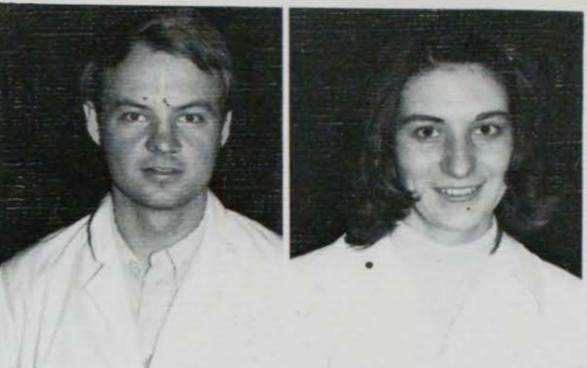
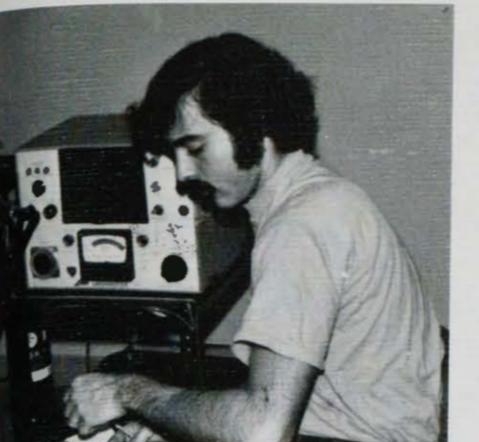
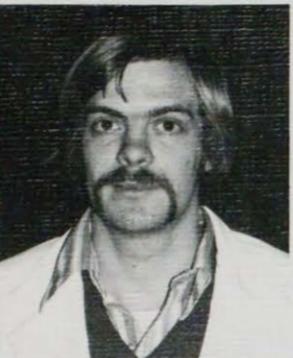


As an integral part of anatomy, students receive experience in surgery, using dogs as patients.

**STUDENTS
(FROM LEFT TO RIGHT):**
Duane Barclay
Mark Barnhill
Daniel Beavers
Steven Belen

ABOVE LEFT: Students examining abdominal contents of dog.

BELOW: "This is going to hurt me more than it does you!"

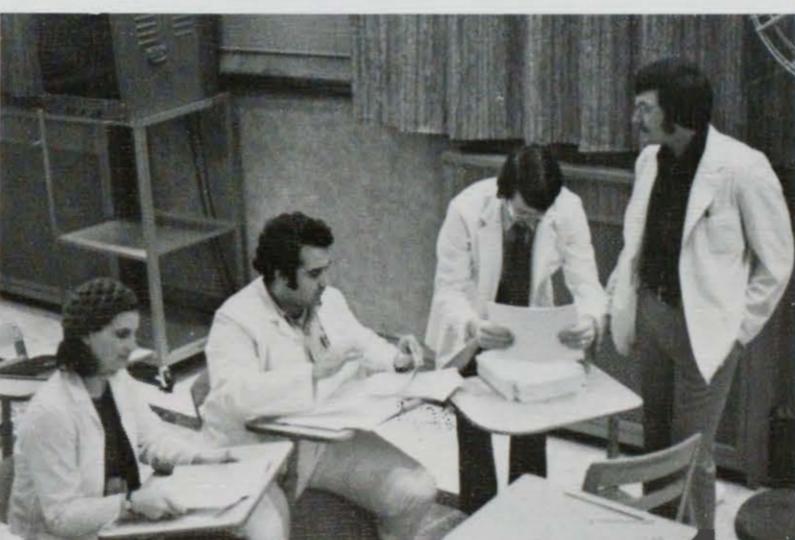
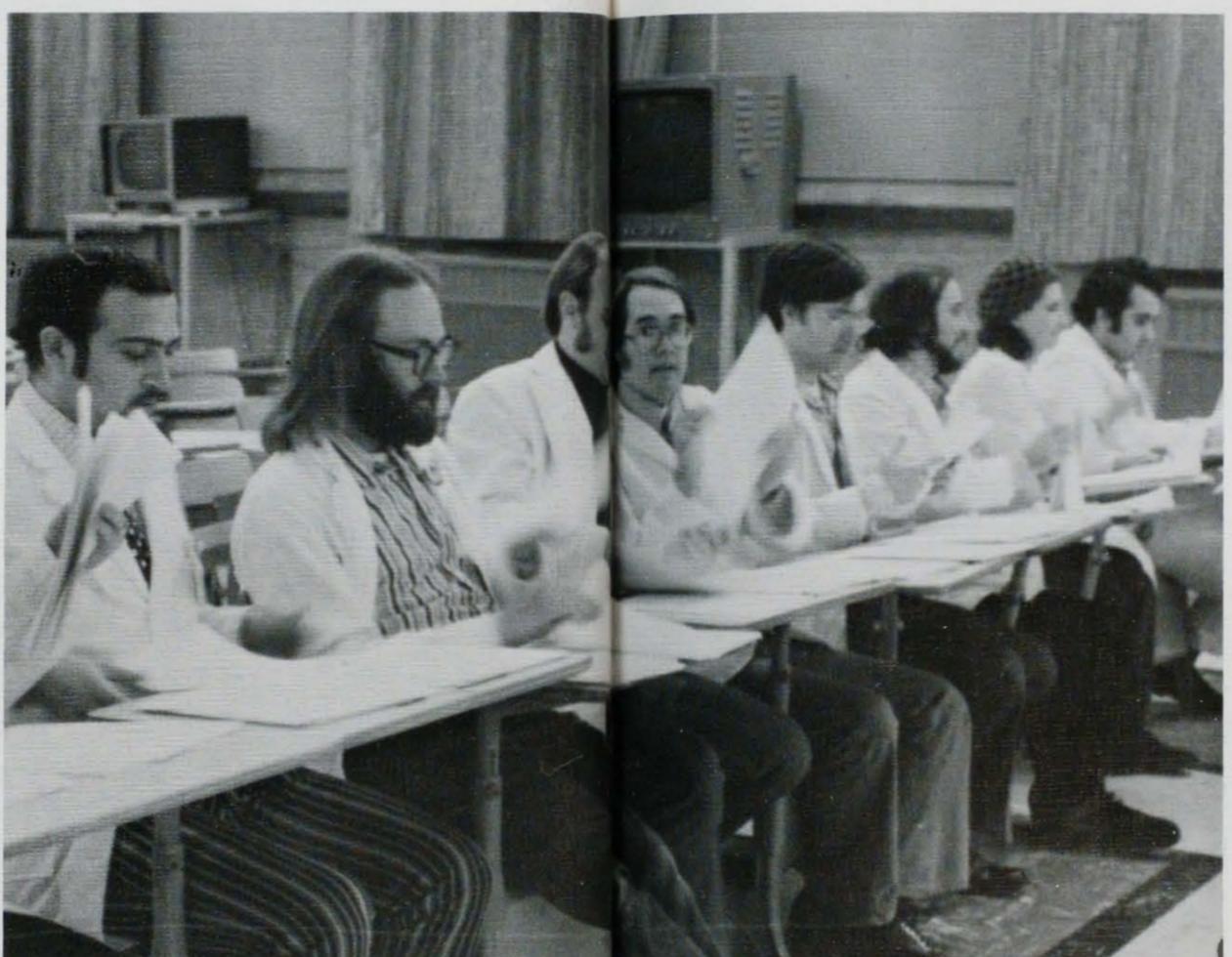
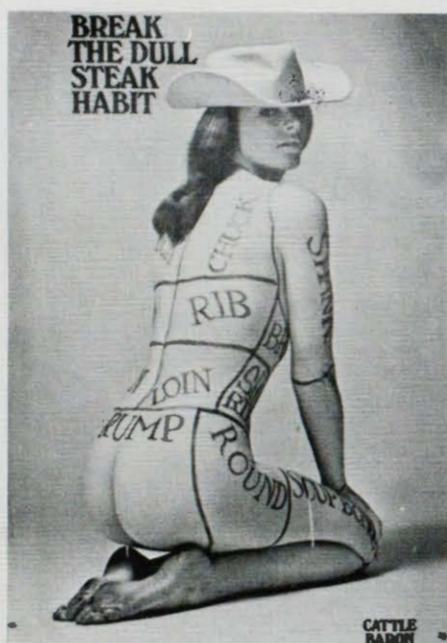


Kim Christensen
Charlotte Cleavenger

TOP TO BOTTOM:

Michael Cassaday
Robert Chambers
George Cheng
Richard Chimielewski

The anatomy department pointed out the importance of surface anatomy in medicine.



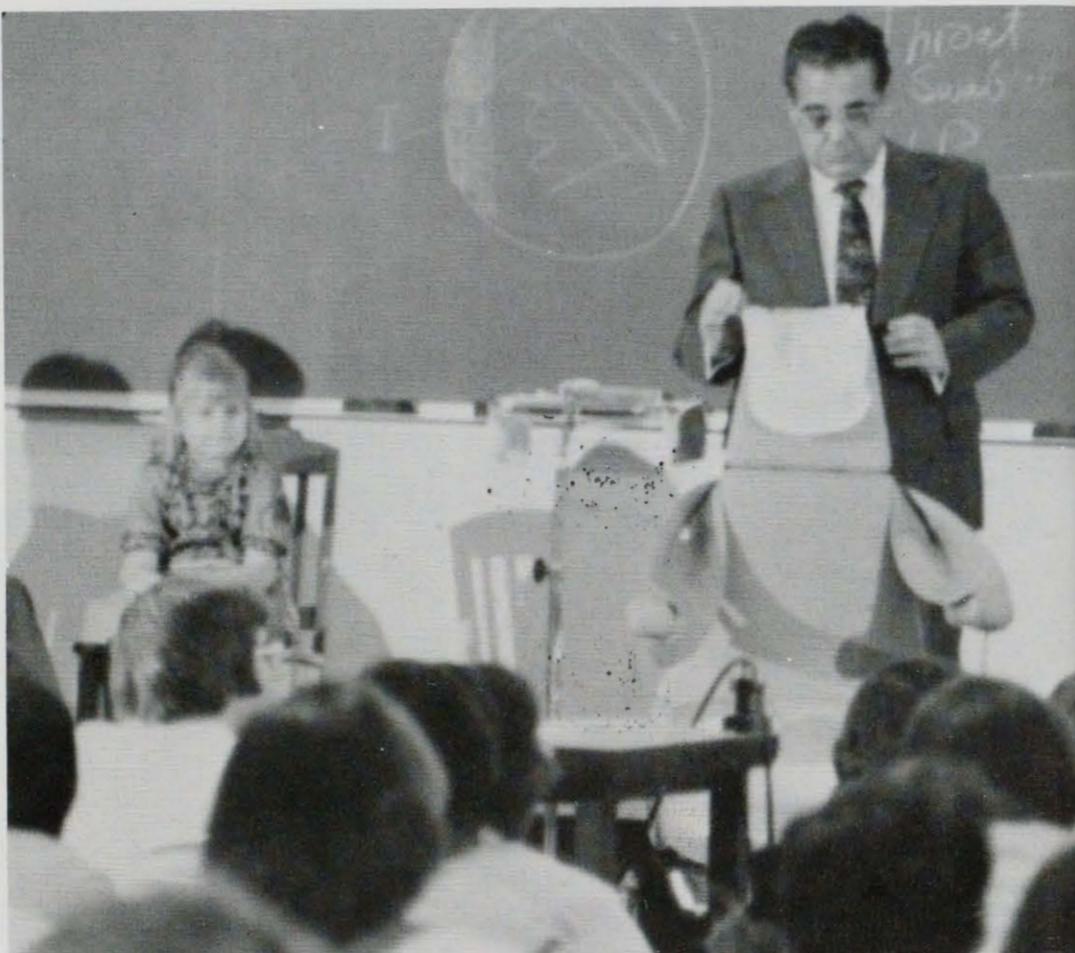
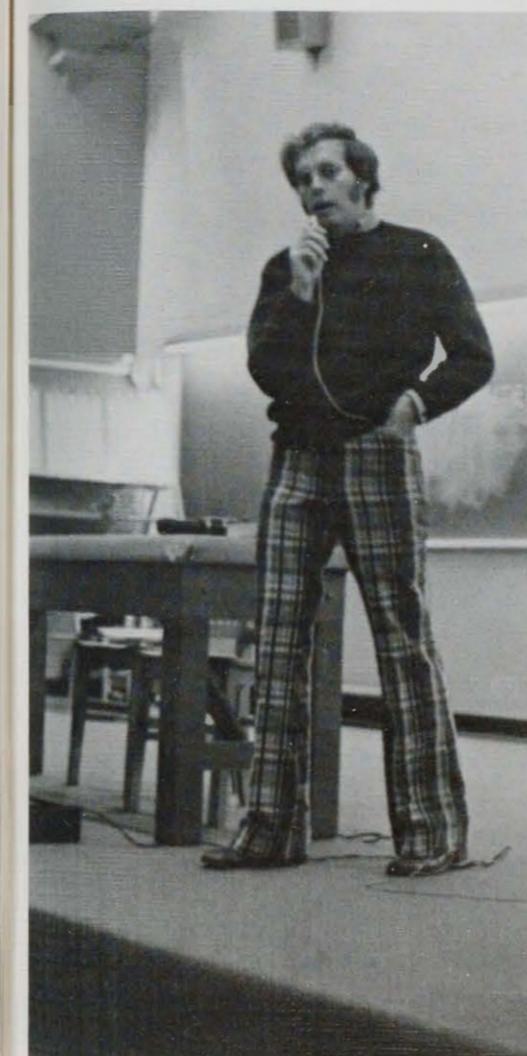
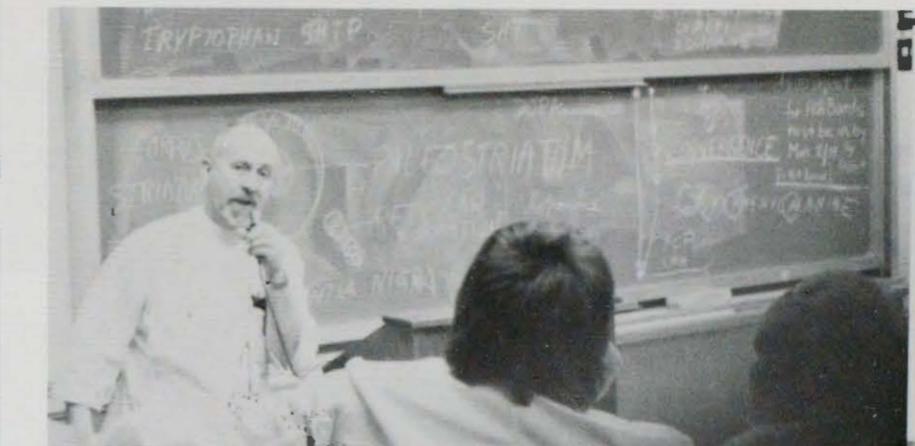
TOP PICTURE:
Tom, Ed, and Mitch familiarize themselves with surgical instruments.

CENTER AND LOWER RIGHT:
The freshman class expresses its appreciation to John Deagle and Mark Shaw, along with many other willing volunteers, whose work in the note pool made our first year much easier.

MIDDLE RIGHT: OK, you can crack my neck, but you are absolutely the LAST one!



The class enjoys a somnambulistic sojourn into the depths of the paleostriatum, courtesy of Dr. Orcutt



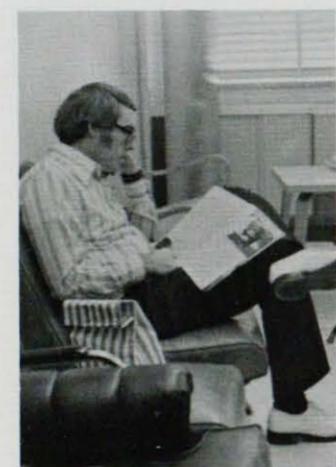
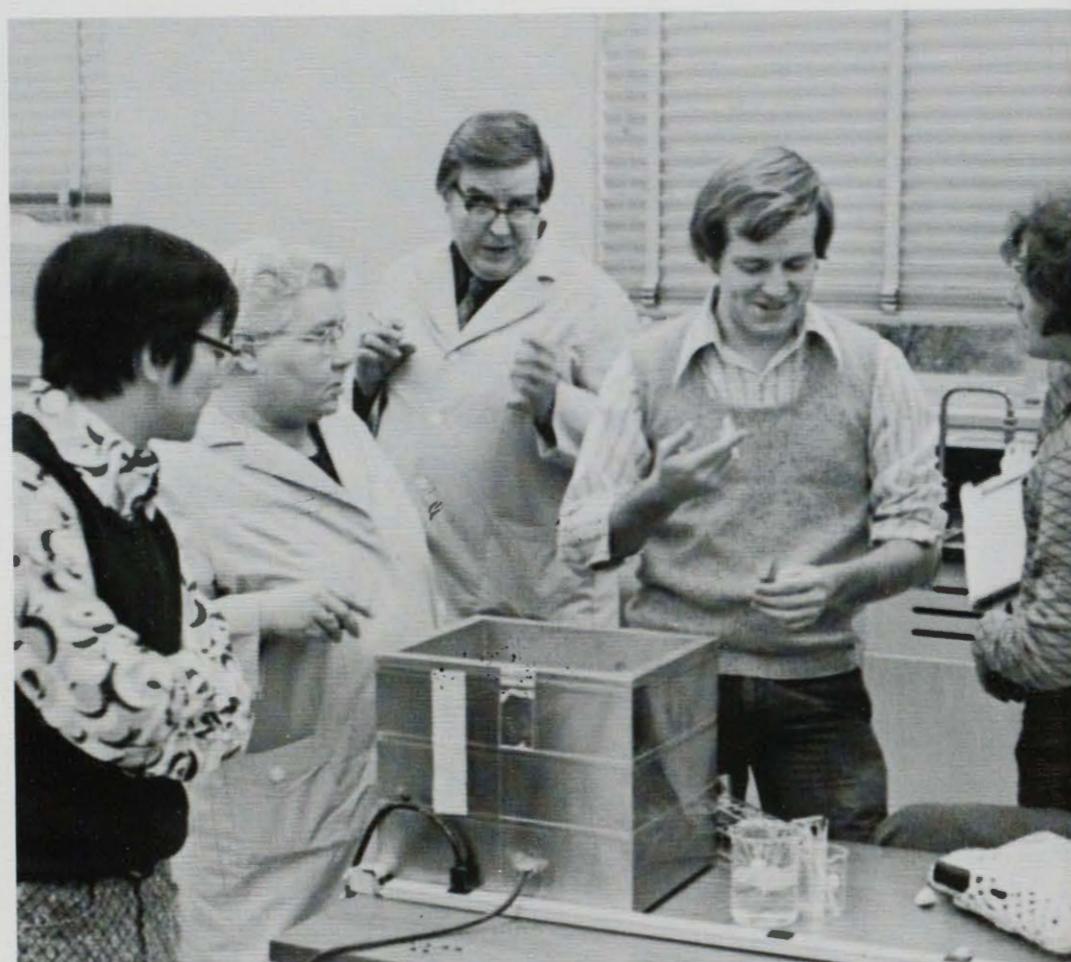
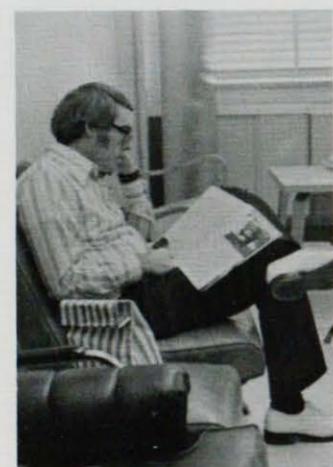
Dr. Toriello was kind enough to present an acupuncture demonstration to our class. He brought some of his patients who talked to the class on their success with acupuncture.

The class would like to express its appreciation to Dr. Toriello for talking with us, in spite of his extremely busy practice.

ABOVE LEFT:
When I (Dave) went to see Dr. Elmets, Marsha asked if she could watch, but little did they know that it was I who was watching them.

BELOW LEFT:
Dr. Sachs: ". . . and second of all we'll be talking about the bluid."

BELOW RIGHT:
". . . and so the mirror said to the wicked queen; 'Snow White is the fairest in the land since she doesn't have a blue nevus on her nose, like you do'."



TOP LEFT:
Biochemistry class demon-
strates Brownian movement.

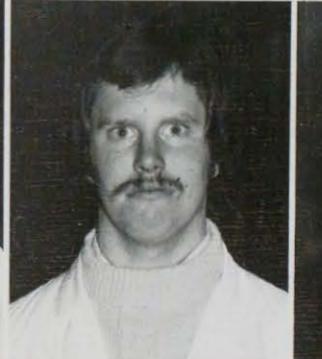
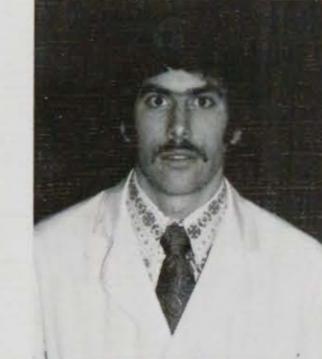
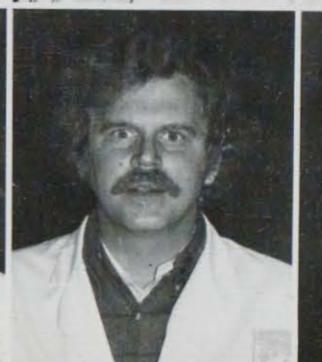
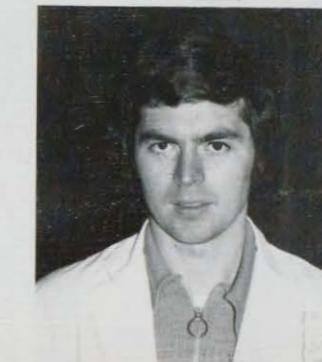
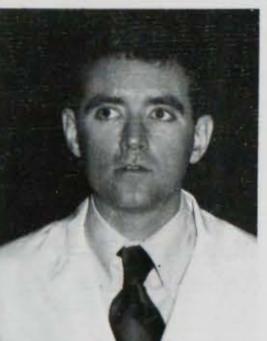
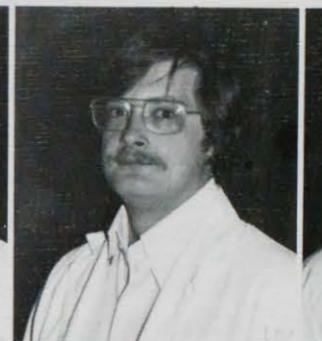
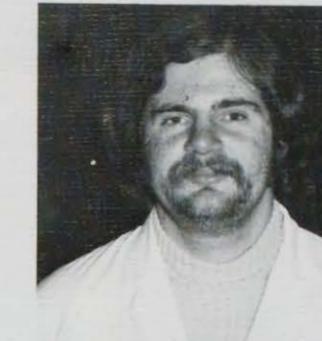
BOTTOM LEFT: Dennis Shimp: One of the few biochemistry students that doesn't have to cram for biochemistry tests.

TOP: Mrs. Celander and Ellie Kitchen distribute the inevitable weekly progress exams.

BOTTOM: The Celanders are always on hand to prevent a crucial mistake in the biochemistry lab.



TOP ROW LEFT TO RIGHT:
George Costea
William Cruzen
John Cusack

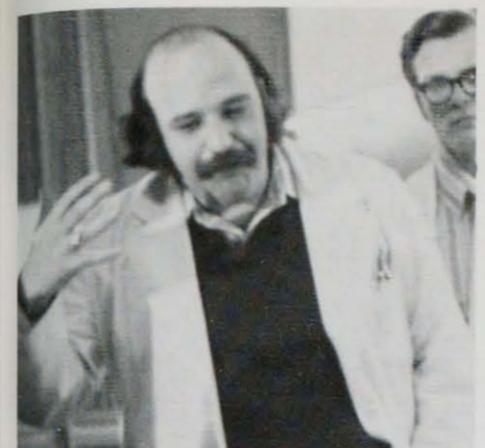
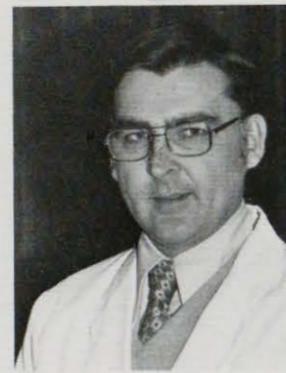
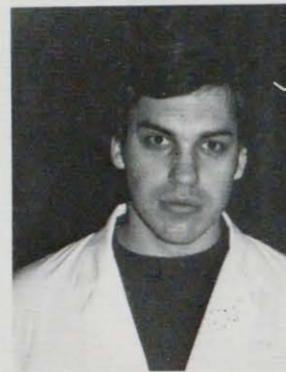
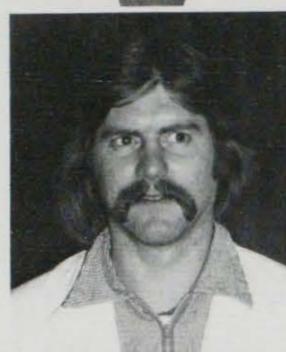


TOP: Garry finds out that all biochemistry doesn't occur in a test tube.

BOTTOM: Dr. Worster orders a dish of sphingomyelin with a side of arachadonic acid.

**MIDDLE ROW
(LEFT TO RIGHT)**
Steven Daly
Thomas Davis
Chris Den Ouden

**BOTTOM ROW
(LEFT TO RIGHT)**
Paul C. Diamond
James DeAngelis
John Deagle

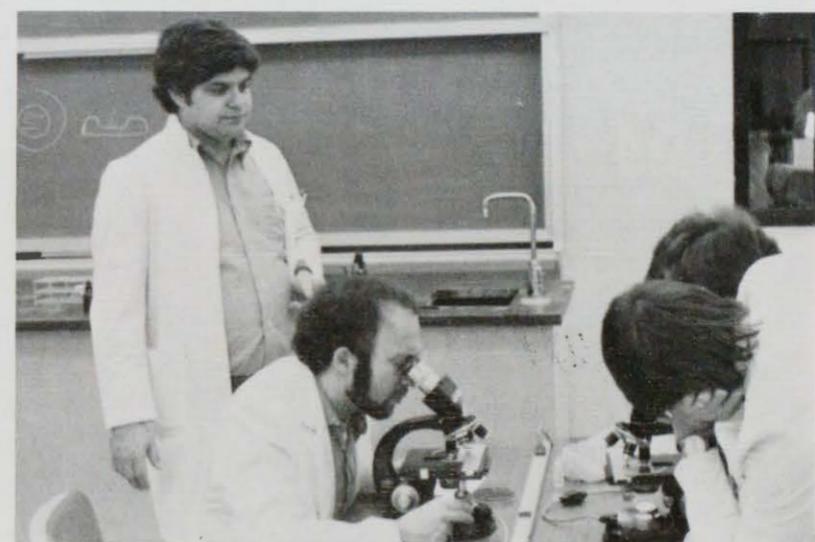
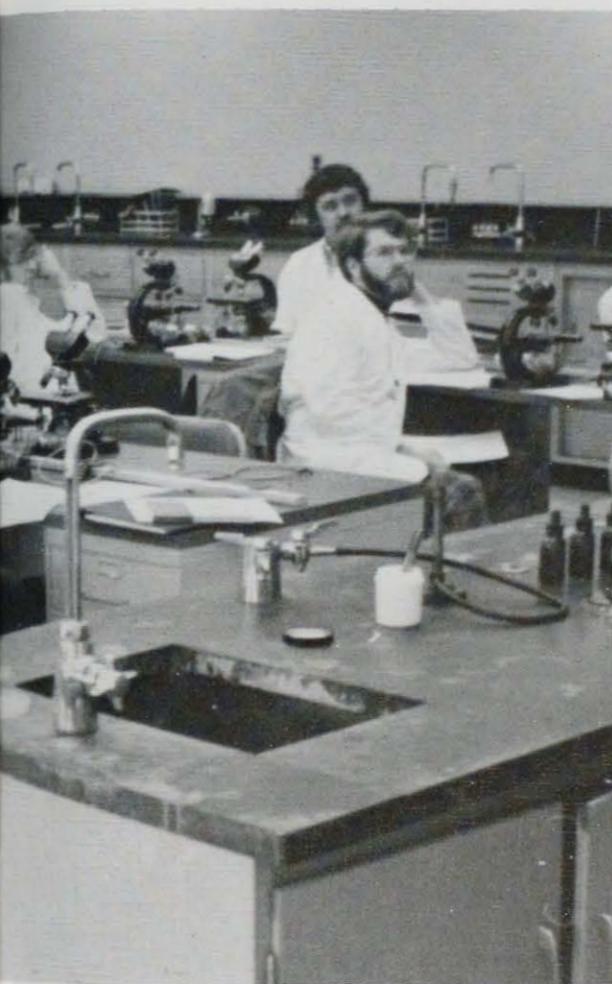
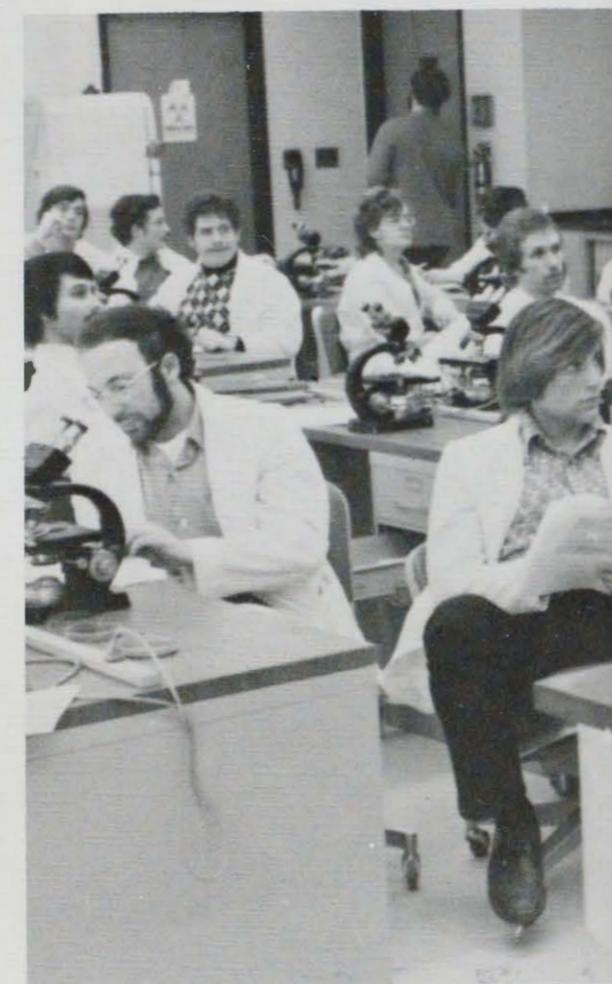
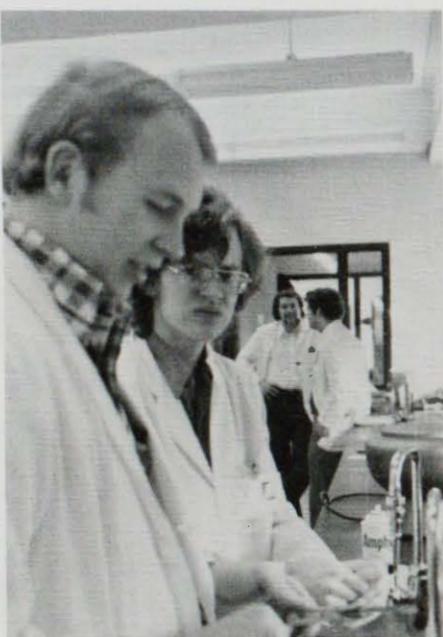


Ira Epstein
Roger A. Esper

TOP TO BOTTOM:

Howard Doughty
Daniel Dugan
James Edinger
Thomas Edleman

Could Rick be smelling the aerosol that Pat just made?



TOP:
Dave Little inspects petri dish
for growth of microorganisms.

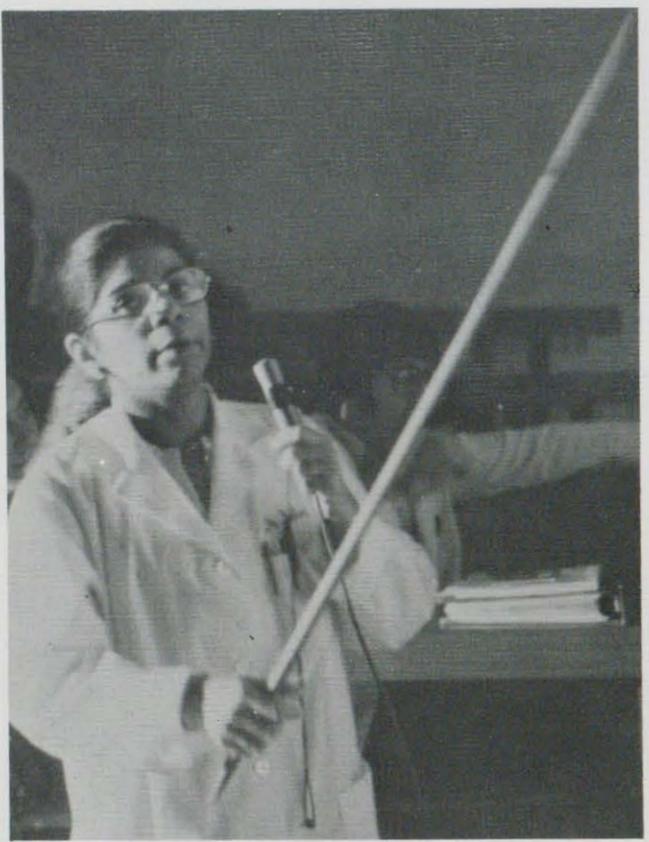
BOTTOM:
The spell-bound microbiology
class.

TOP LEFT:
"I have seen Dave Little's pic-
ture four times on these two
pages. Could it be that he was
one of the few that were willing
to work on the yearbook?"

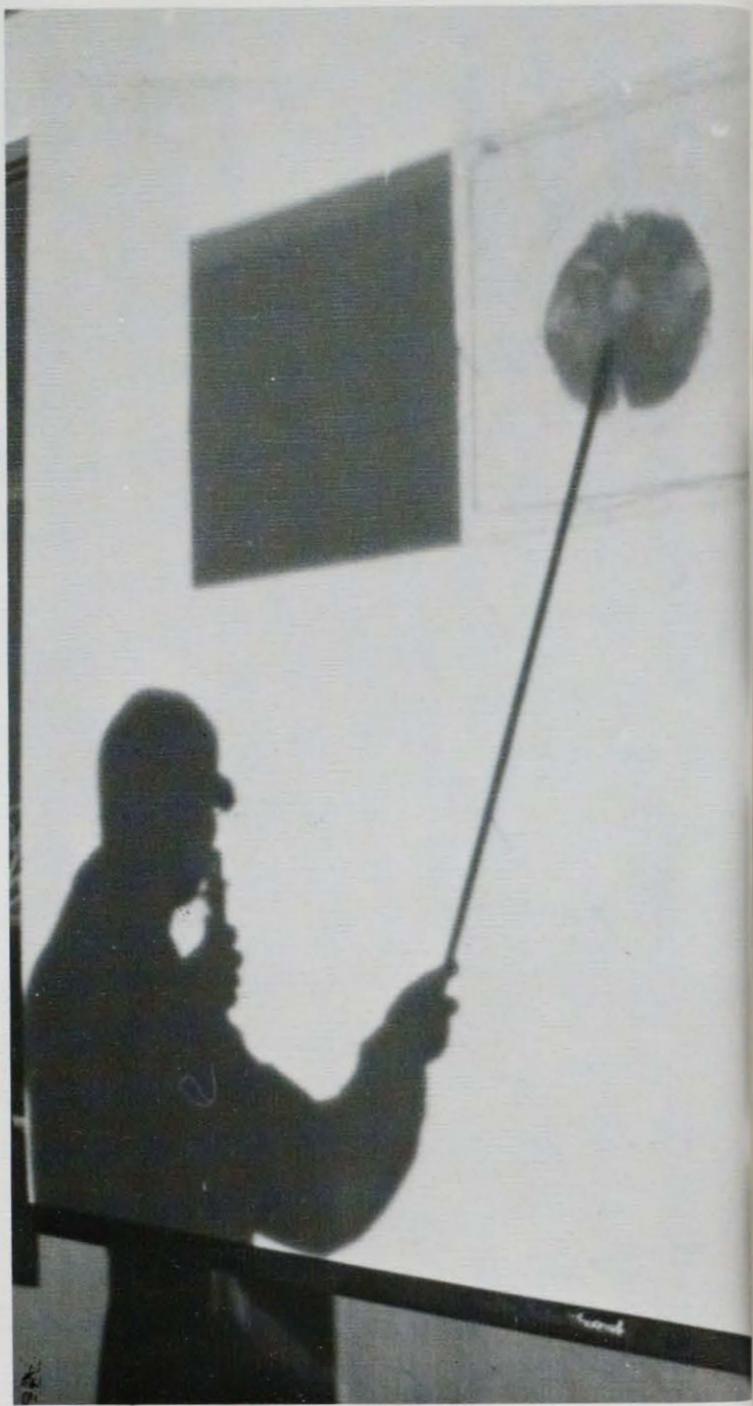
ABOVE: Mrs. Newcomb
demonstrates sterile transfer
of bacteria.

BELOW: Jan waits for
someone to ask for help.

John Fetchero
Thomas Forte



Who knows what evil lurks in
the brains of men? Dr. Dalvi's
shadow knows!

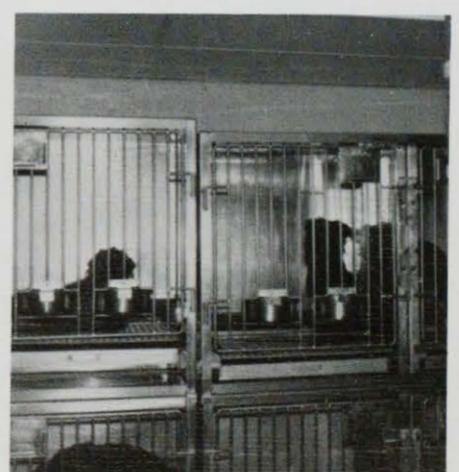
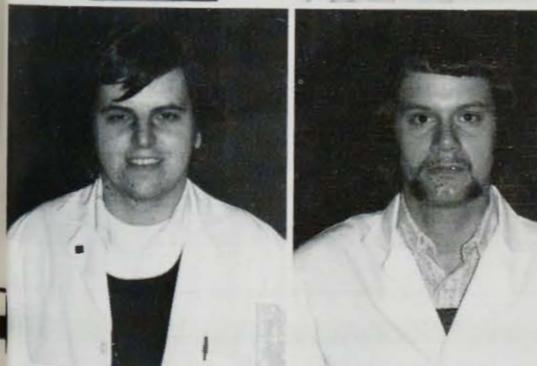
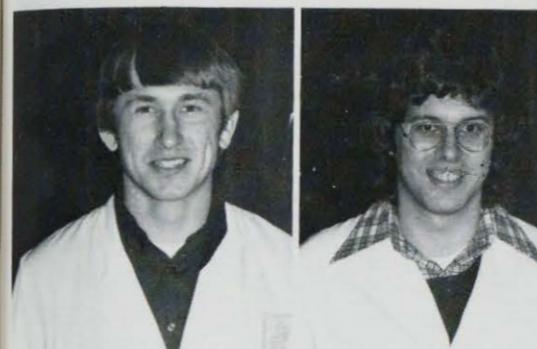


LEFT ROW (TOP TO BOTTOM):

Syd Foster
Michael Fox
James Foy
Ruth Frahm

RIGHT ROW (TOP TO BOTTOM):

Elliott Frank
David Friedgood
John Galante
Stan Gallagher



Oh God, don't let my first
patient die!



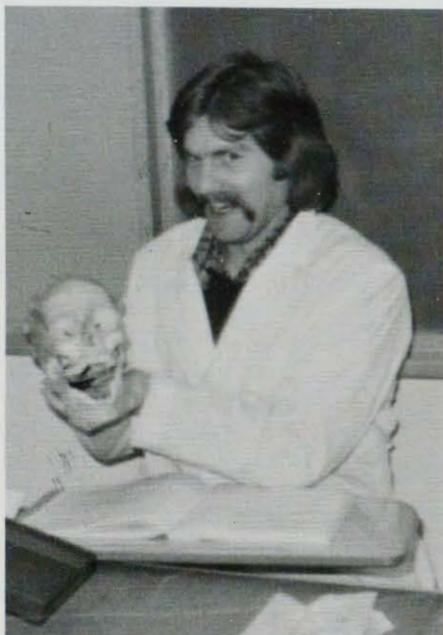
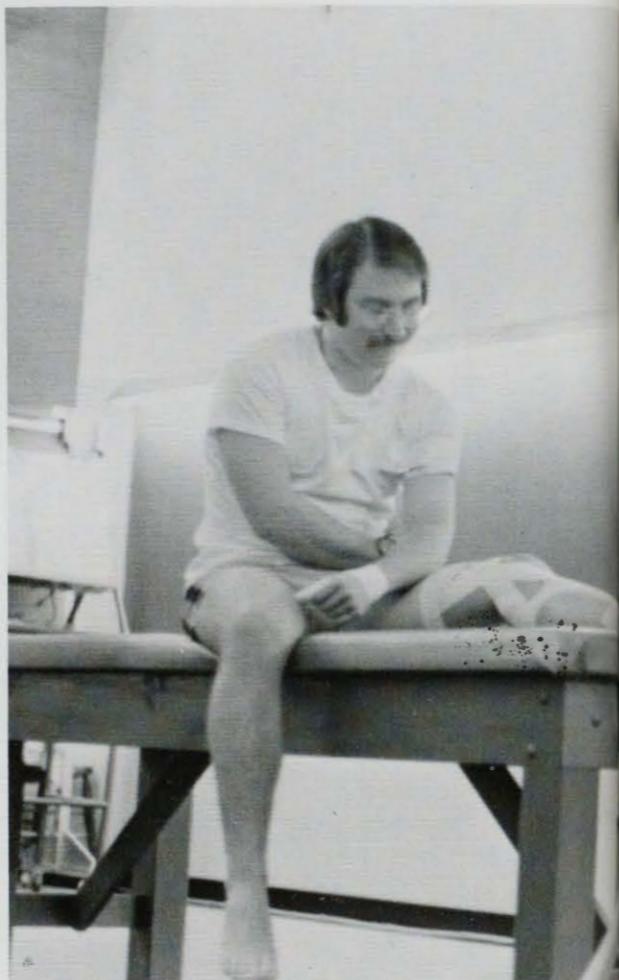
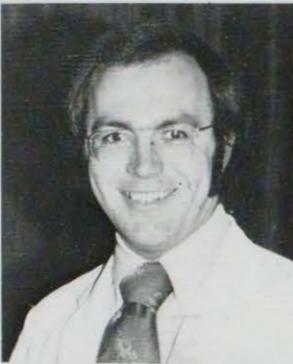
Is that the funeral march I
hear?



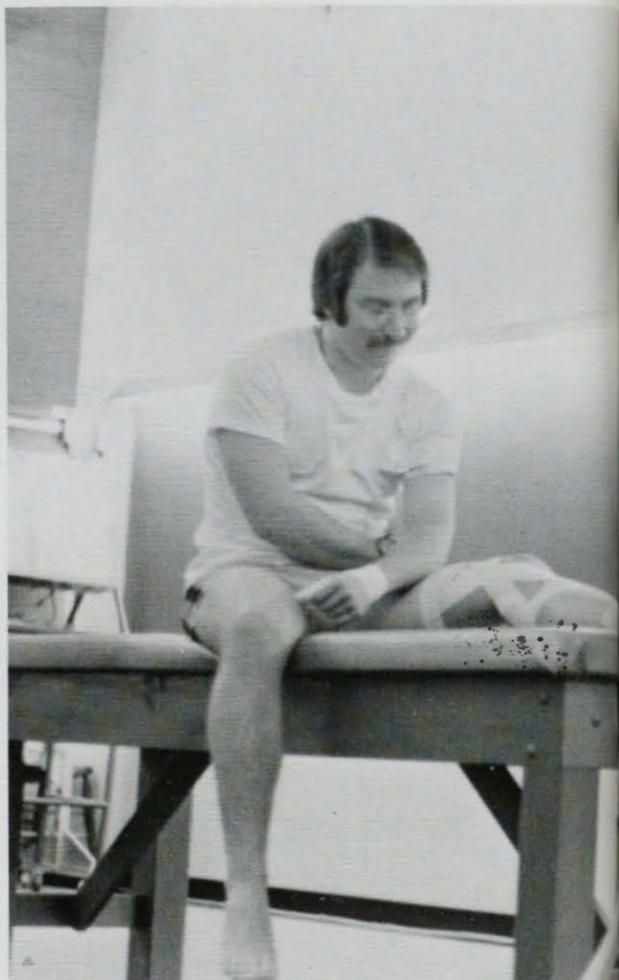
Jan Goldberger
Neal Golenberg

TOP TO BOTTOM:
Stephanie Gangsie
Scott Gantt
Donald Garland
Harvey Giller

Dan Dugan and "friend"



Dr. Connair demonstrates the fine art of ankle and knee tapping.



Dr. Herron displays a chart showing class attendance for his lectures during the quarter.

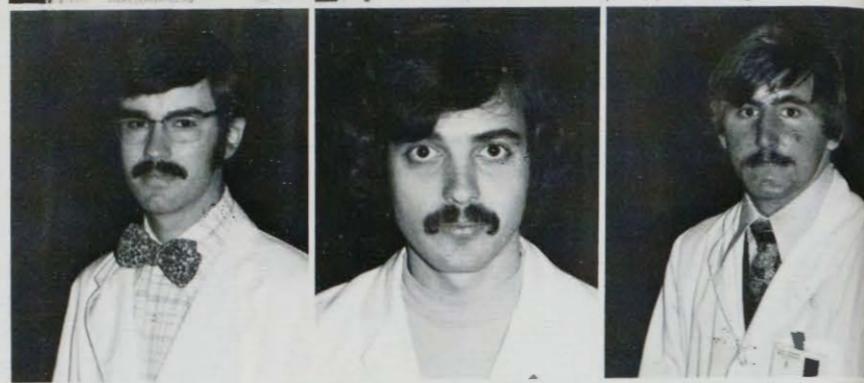
ABOVE:
Ron Kohler prepares one of his fascinating lectures.

BELOW:
Pauline - "Queen of the Handouts"

Gary Greensweig
Jack Gutman
Jeff E. Hagenstein

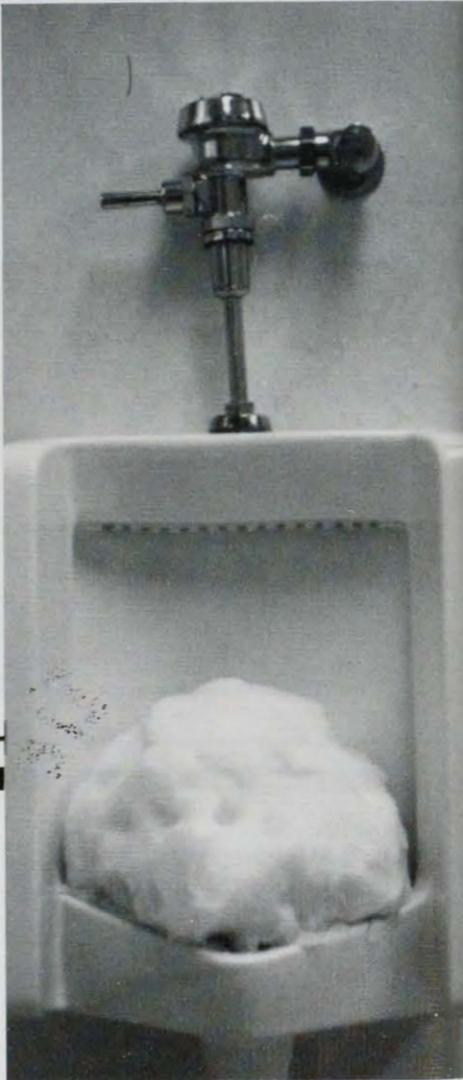


Raymond Hamilton
Richard Handelsman
Paul Hankenson



Medical students work hard,
but they play hard too.

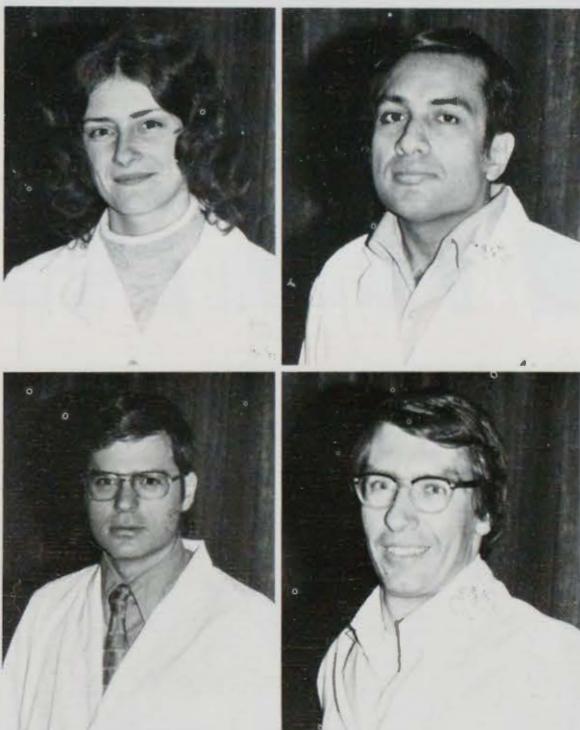
"The Ice Machine"



Who's driving home tonight Ron?

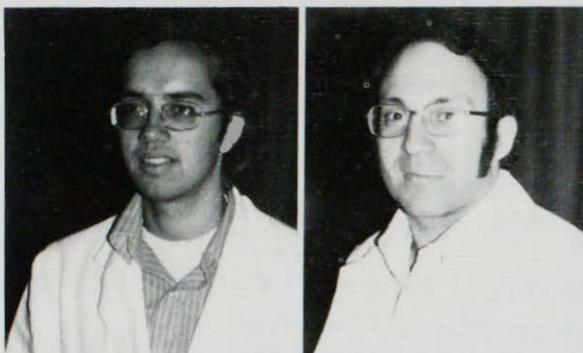
TOP ROW:
Nina Hare
Kambiz Hariri

BOTTOM ROW:
Roger Harris
Brent Haskell

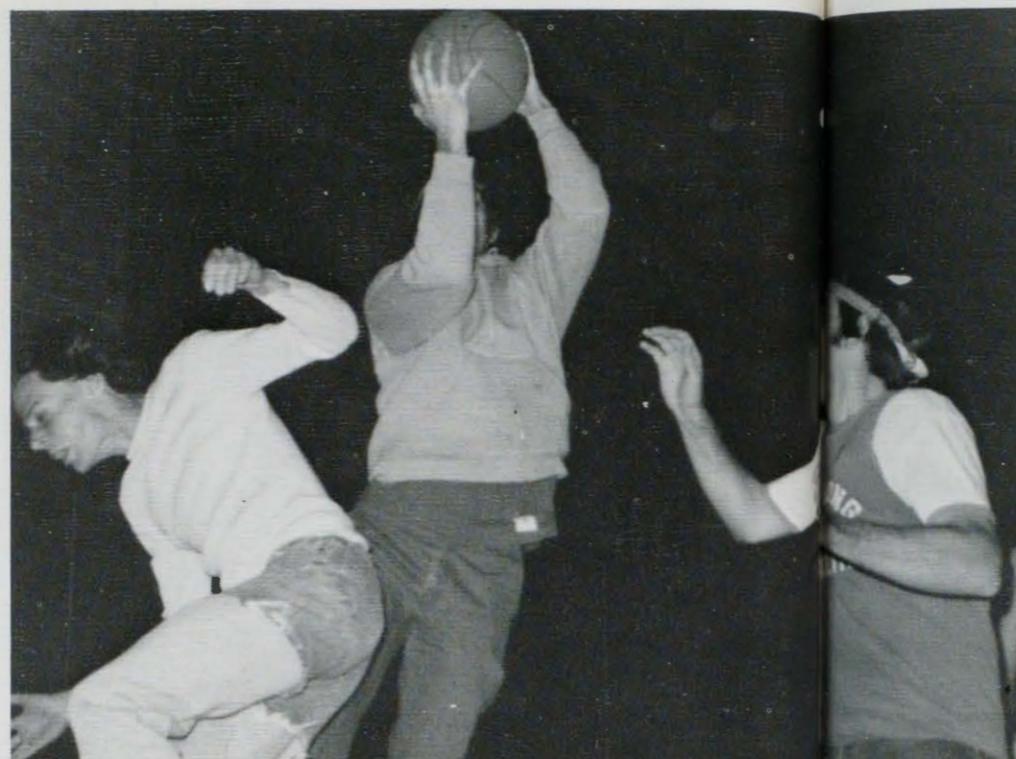
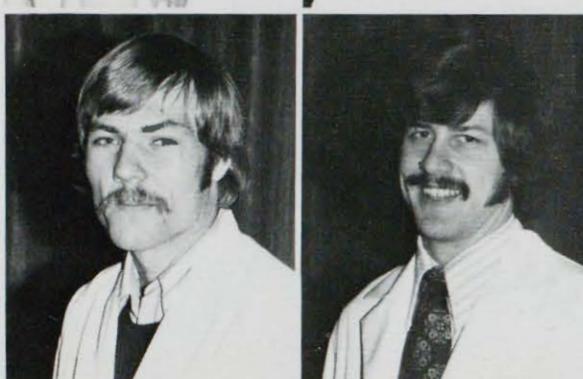


Intramural Sports

Lyle Gumer
Brian Heineman

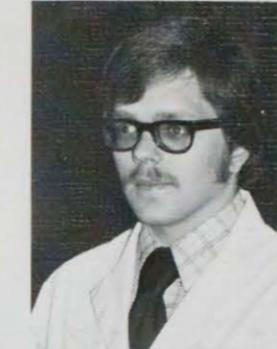


Bernard Heilcser
Steven Herwig

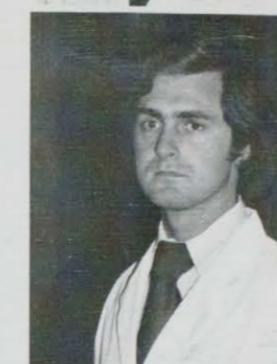


BELOW: As any medicine man playing basketball knows, the best solution to a losing game is a rain-dance.

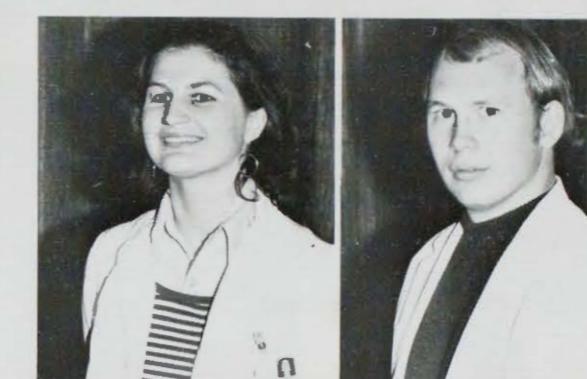
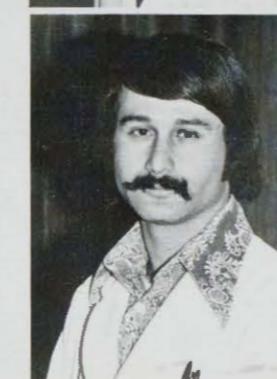
FROM LEFT TO RIGHT:
Harvey Hoffman
George Huntress
William Illingworth
Daniel Ingraham
Lou Isaacson



William Jagiello
Michael Jarvis
James Joy



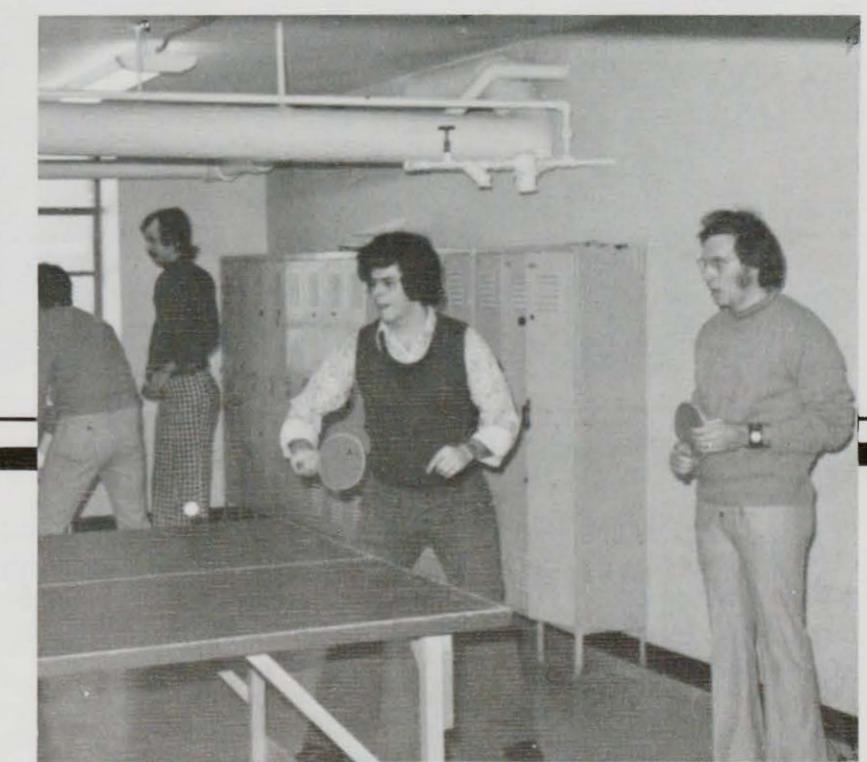
BASKETBALL: The Laying-On of Hands.



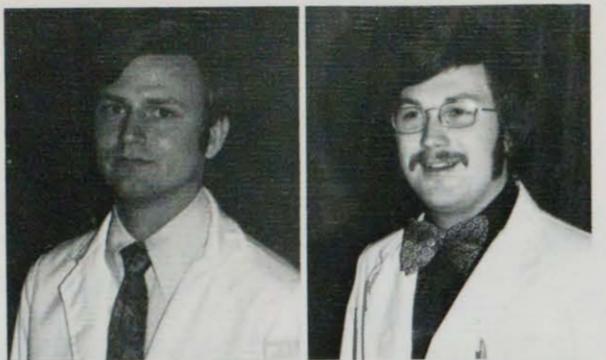
Karen Kantor
Pat Karson
Orin Kaufman



ABOVE: FISHING
Tom Pelz catches a Deagle-fish.



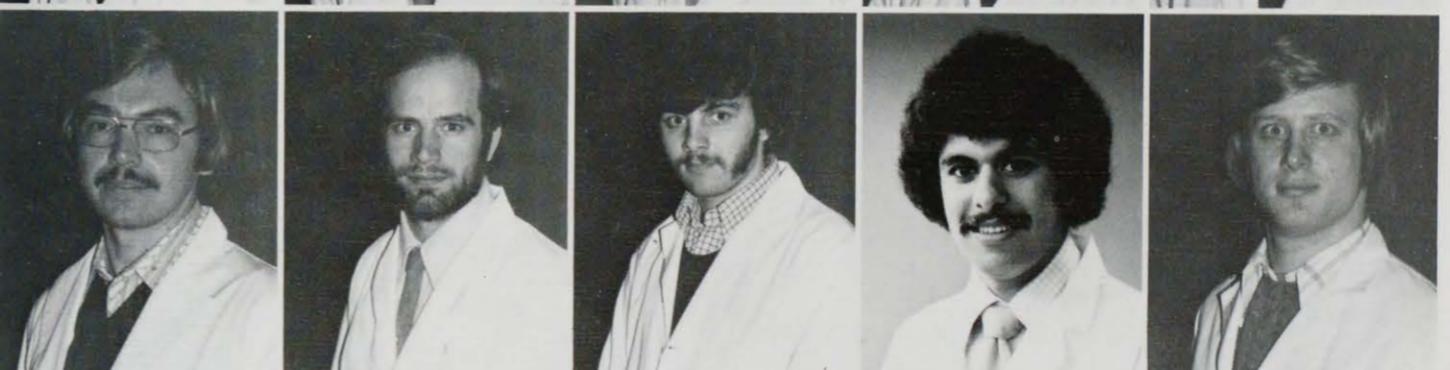
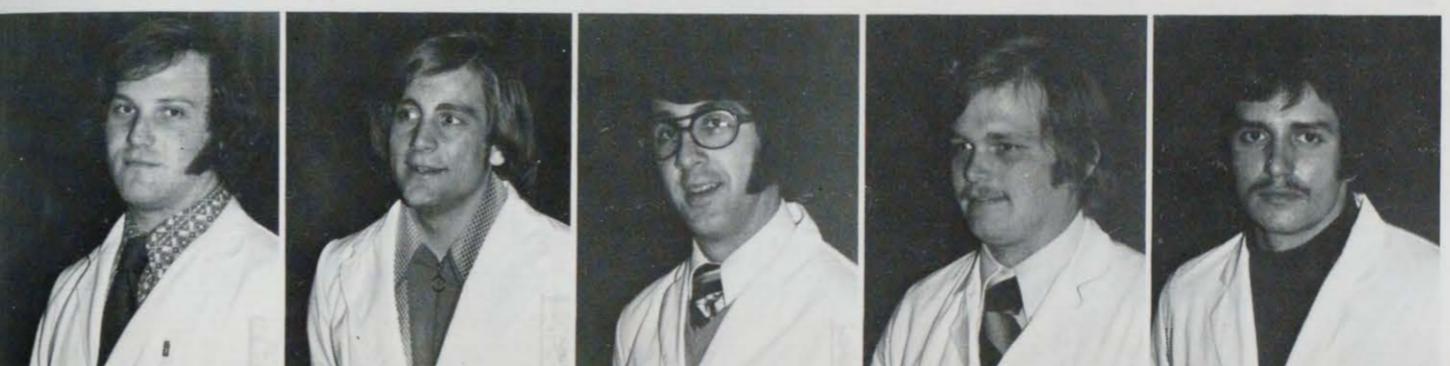
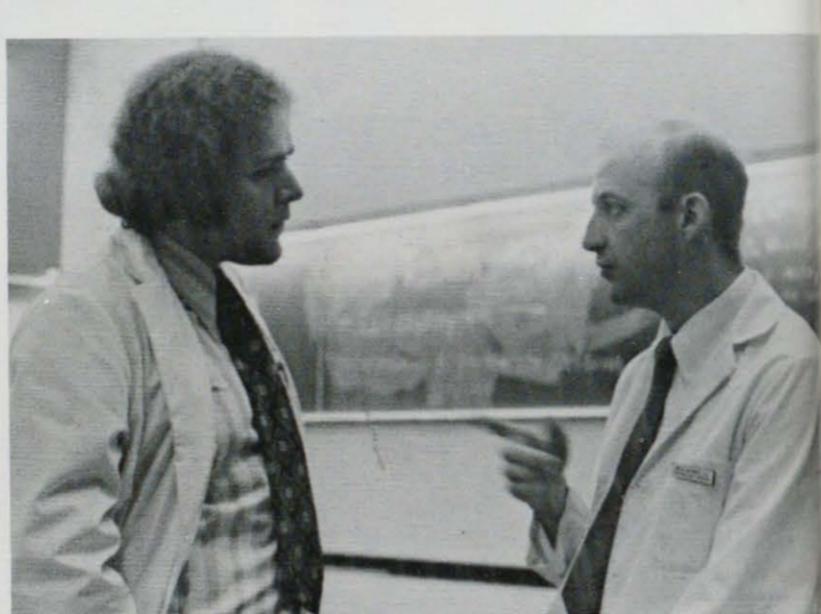
RIGHT: PING PONG
With Karen and Peg on the other side, Marty evens the odds by stepping back.



Dr. Stallings discussing plastic surgery with students.



Dr. Dalvi pointing out important features of the brain in Neuroanatomy.



FROM TOP TO BOTTOM:
John Kazmierski
Edward Klimek
Ronald Koehler
Martin Koenigsberg

SECOND COLUMN:
Gary Kuhl
Frank Labaganara
Jonathan Leslie
Phillip E. Leveque

Dr. Haynes and Richard
Chimielewski talking pathology.

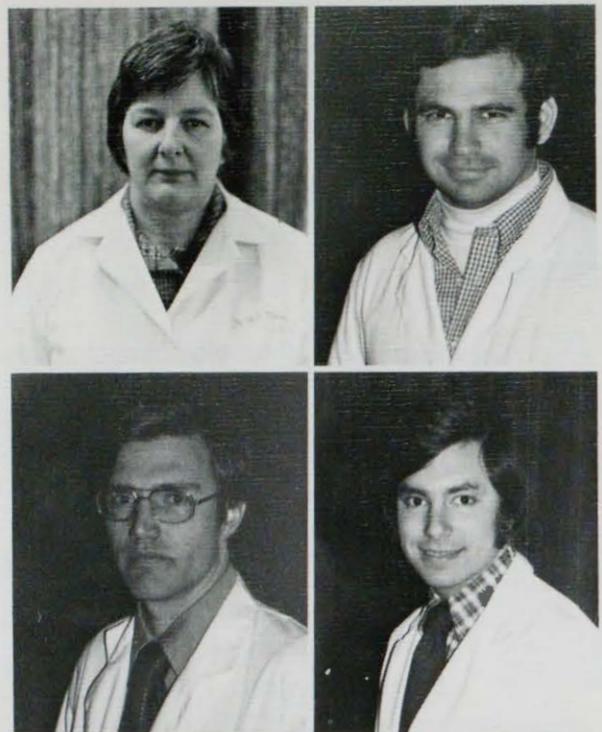
Neil Levin
Martin Maloney

Dave Little
Maxhn McCaw

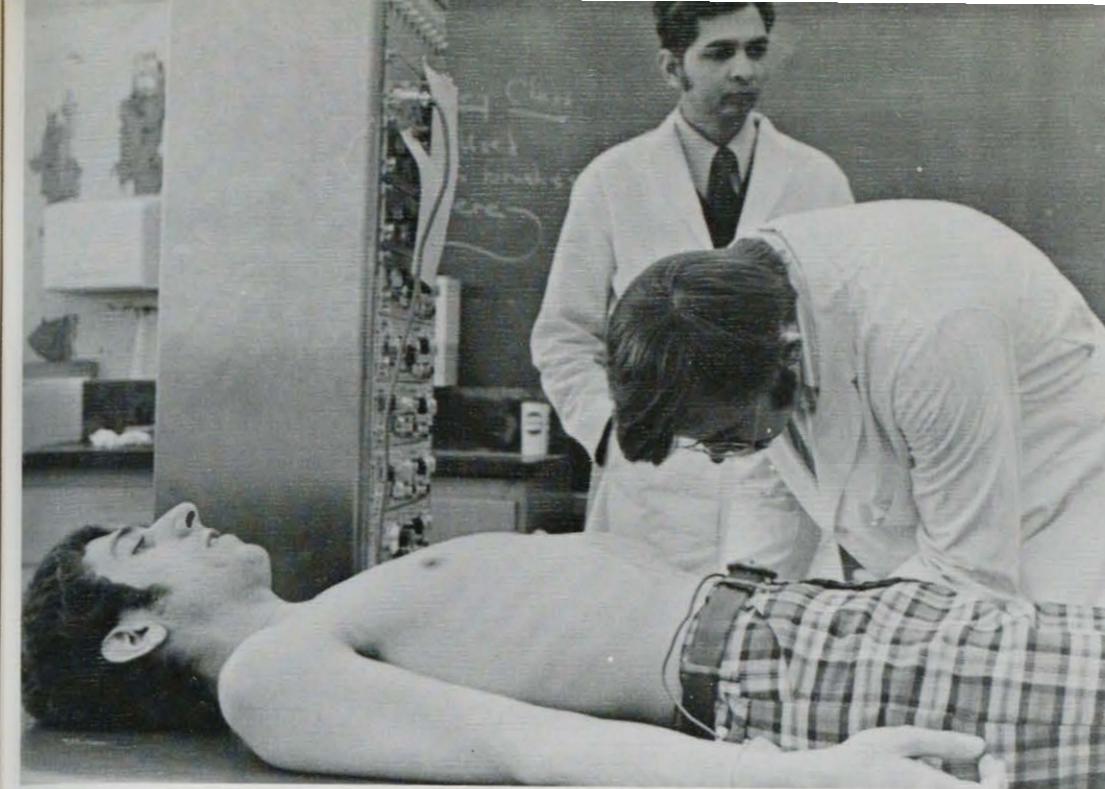
Marc Loundy
James McQueen

Paul MacGregor
Edward Mishal

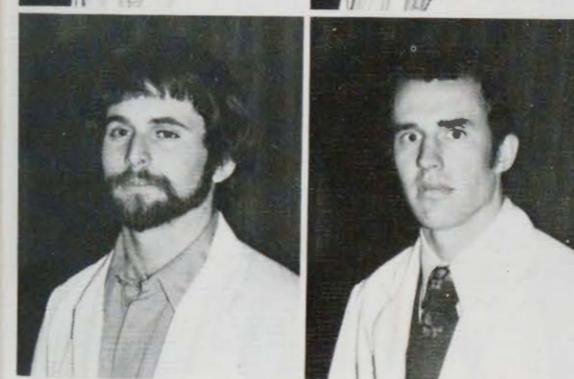
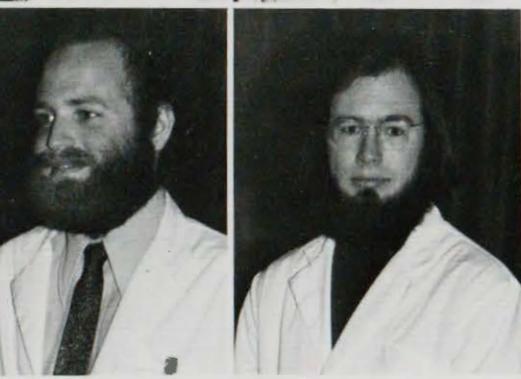
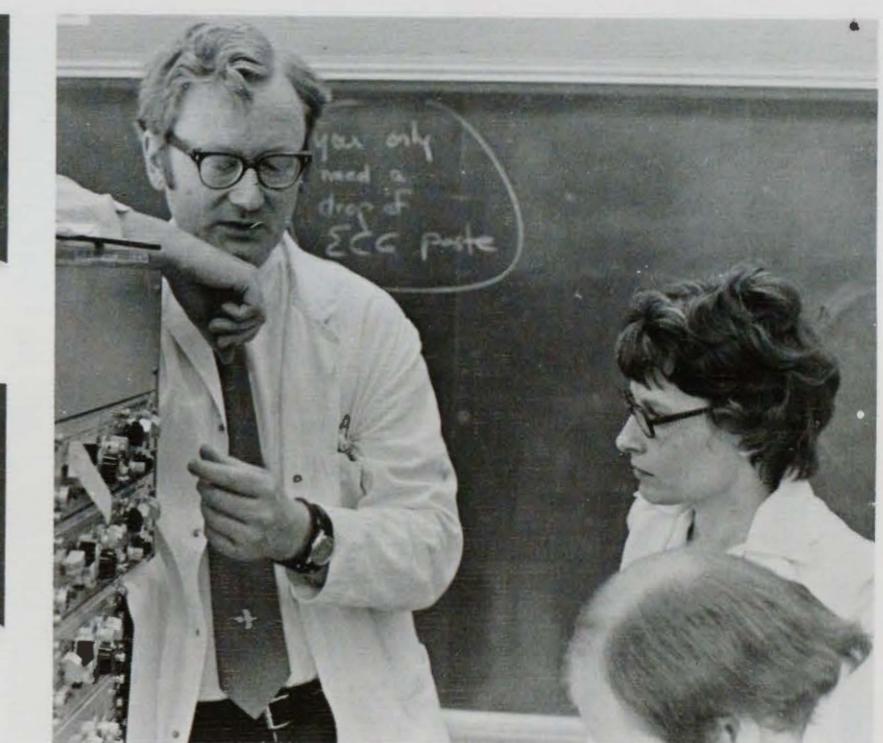
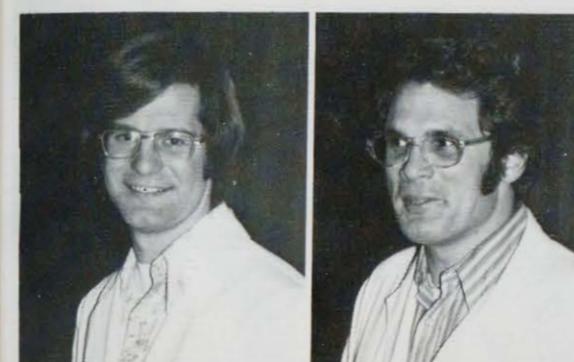
Michael Maguire
Dennis Murphy



Manny asks, "Any word from the Governor yet?"



Dr. Kosuri closely supervises Wayne Terry working on Jim Van Dusen.



Melva Newcomb
Gregory
Nierengarten
Marc Nusholtz
Gary Ostrow

Nicholas J.
Palermo
Jay Parker
Harvey Passman
Dean G.
Patterson

Sandford Wolfe et al, recording electrocardiogram.

Keith Pattison
John Perkner

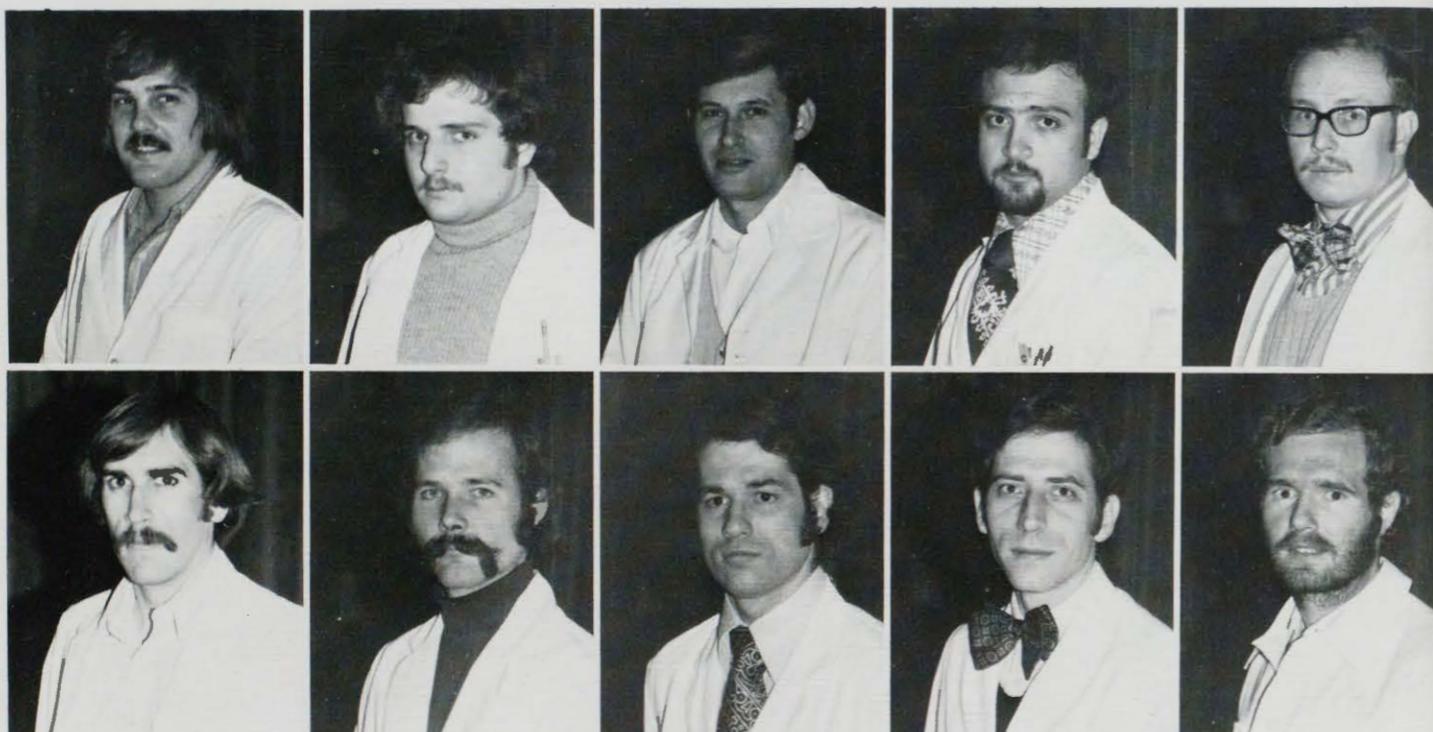
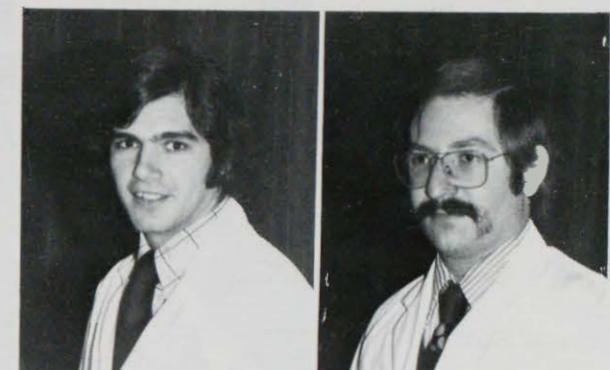
Thomas Pelz
Thomas
Pettinger

Dr. Cooper explaining ECG to Stephanie Gangsie and Eugene Usberghi.

Mitchell Moriber organized a number of class meetings during which students were able to bring up their ideas and complaints. The venture went over big at first but later attendance fell off and the meetings were cancelled.



Dr. Cheng, the father of George Cheng a student in our class, was kind enough to come all the way from California in order to present a lecture on Acupuncture.



TOP ROW
Mitchell Phillips
Anthony Piccolo
Victor Politano
Frederic Porcase
Allan Pratt

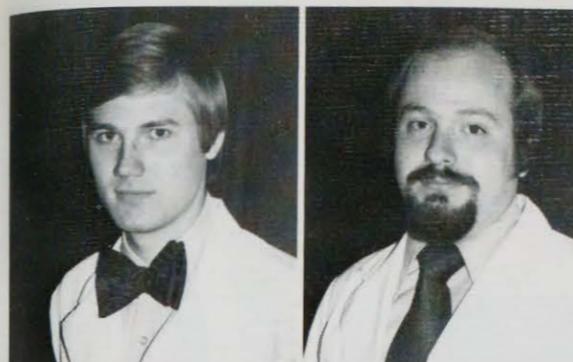
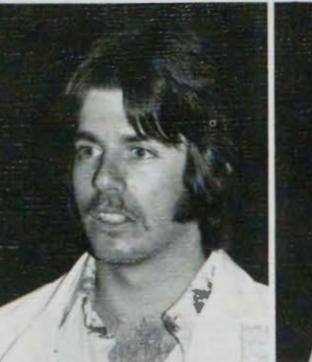
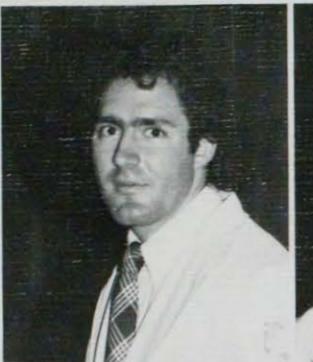
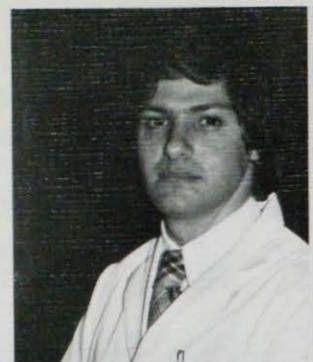
BOTTOM ROW
Andrew Pulliam
Kirk Raeber
Garrett Rank
Paul Ray
Thomas Robb

TOP ROW:
Gregory Roche
Milton B. Ropes

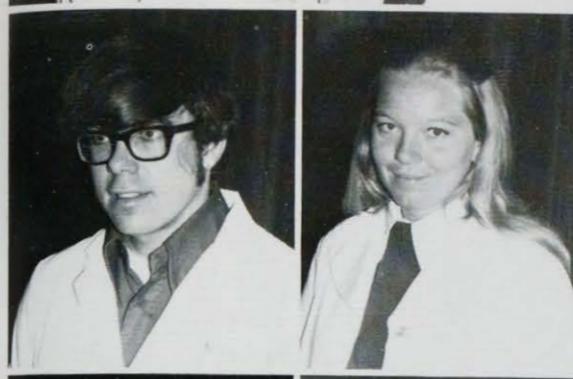
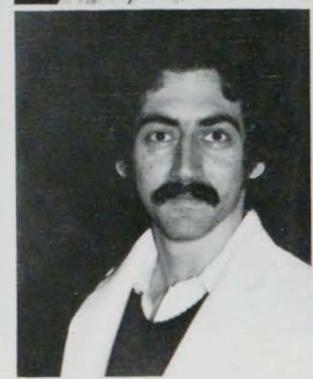
MIDDLE ROW:
Robert Roth
Edward Rydell
Jay Ryno
Donald Schmit
Allen Segal

BOTTOM ROW:
Mark Shaw
Manuel Shelden
Dennis C. Shimp
Mark Smalley
Richard Smith

Daniel Smolen



Ralph Stein

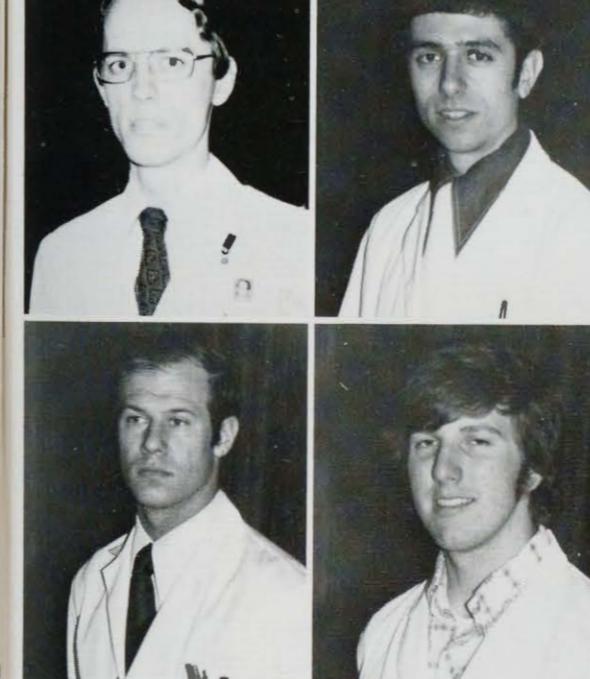
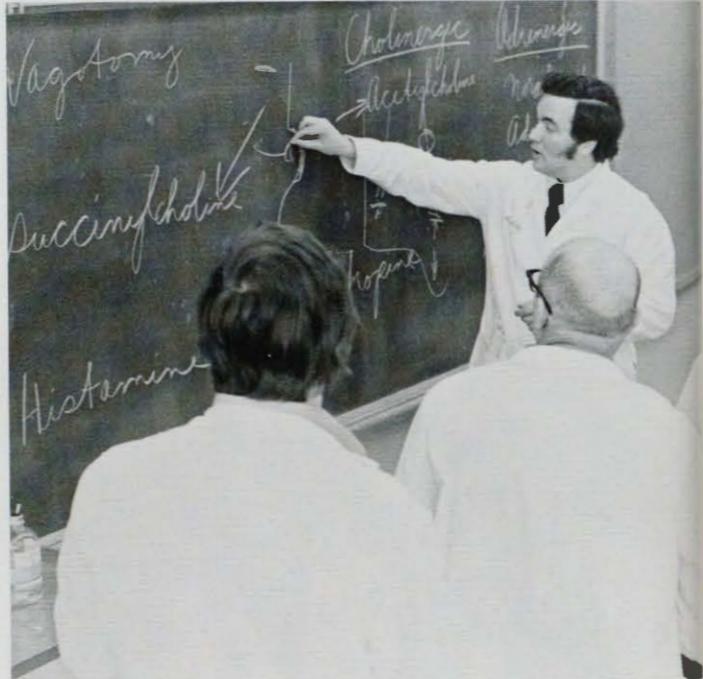


LEFT COLUMN:

Buddy Swift
Robert Taylor
Gary Teigland
Michael Tobin

RIGHT COLUMN:

Eugene Usberghi
Barbara Vanderwall
James VanDusen
Richard Vermeer



Dr. Currie supervises Wayne's preparation of a dog for the first pharmacology experiment in which drugs having an effect on the autonomic nervous system were demonstrated.

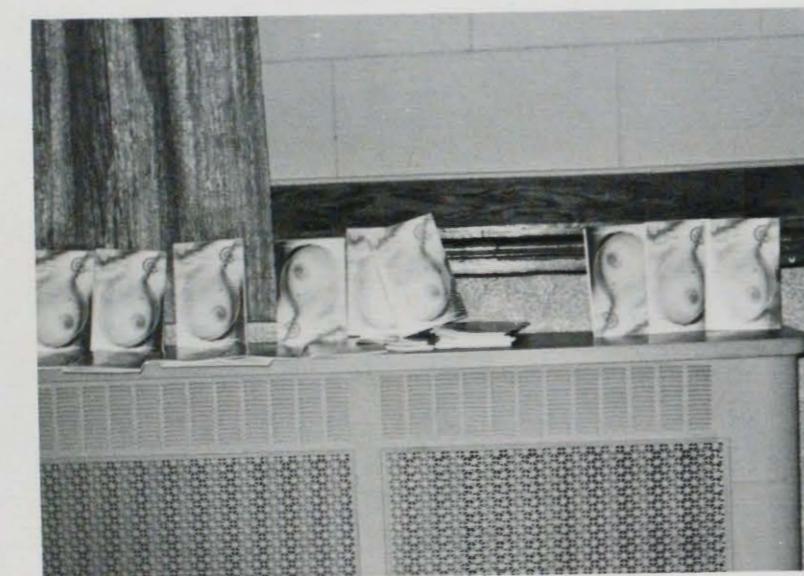
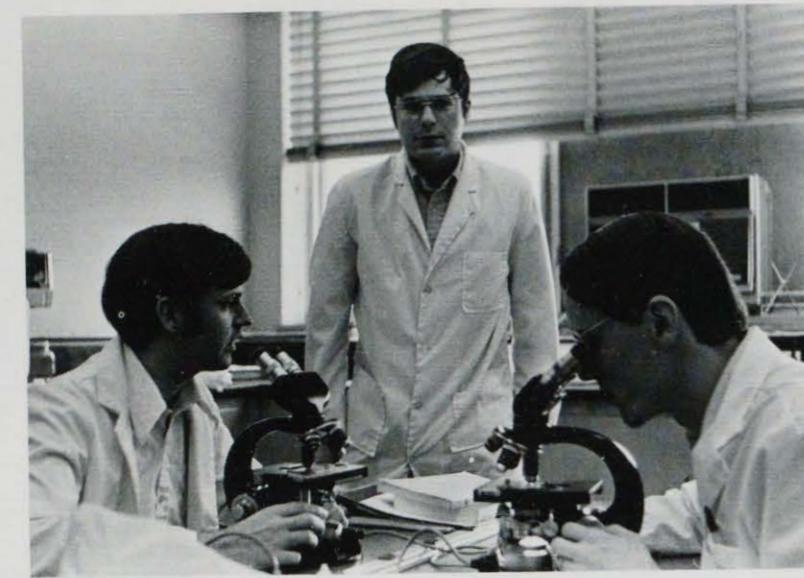
Here he emphasizes the importance of knowing the mechanism of drug actions.

Students are asked to explain what effects should be expected from the drug Dr. Currie is about to inject.

Class Meeting



Edward Weitzman
Lawrence W. Wickler
Sandford Wolfe
John Wood

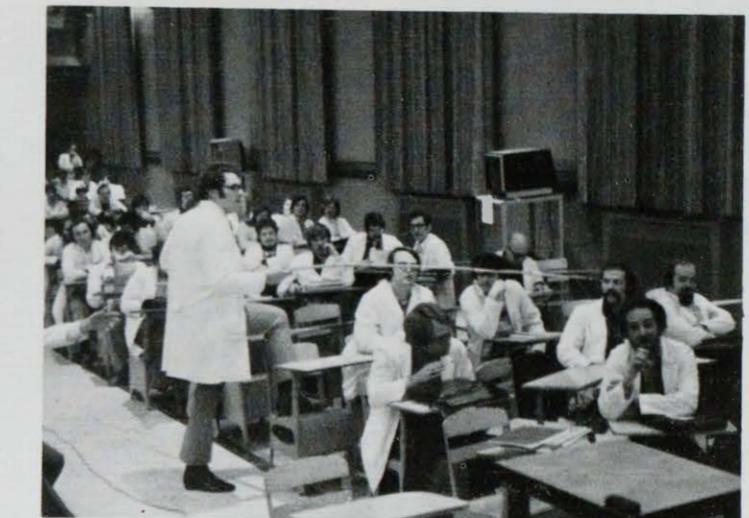


TOP: John Kamierski, Roger Harris, and Garry Teigland study microscopic views of breast tissue in the pathology laboratory.



David Yakacki

STUDENTS NOT PICTURED:
Stephen Atkinson
Ronald Bergman
Thomas Cavalieri
Robert Coppola
Jon Cox
David Goldfield
Geroge F. Gushue Jr.
Gary Janssen
Bruce Klink
Joel Kravitz
Margaret Orcutt
Kenneth Parola
Don Russell
Martin Sachs
Frederick Schaumberg
Robert Taxin



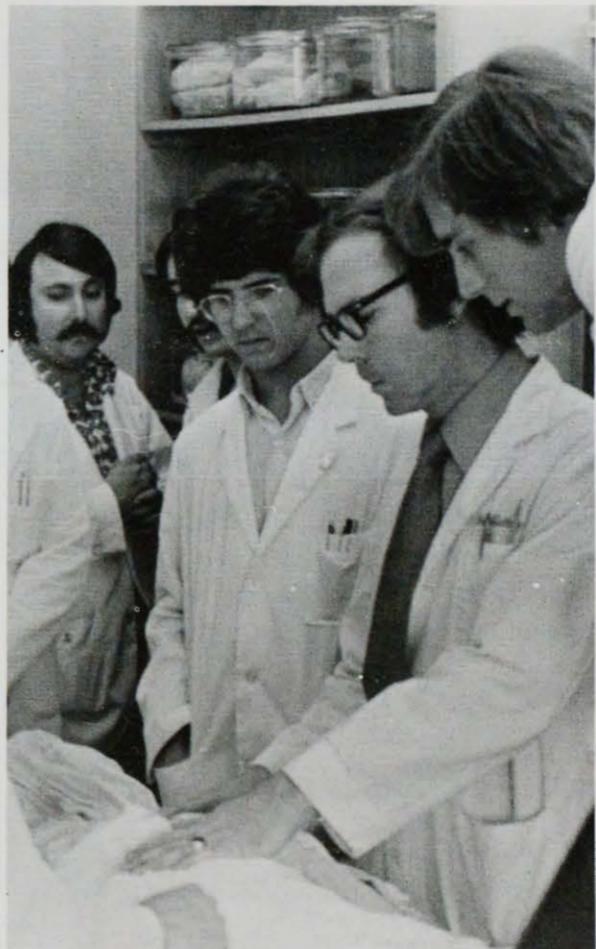
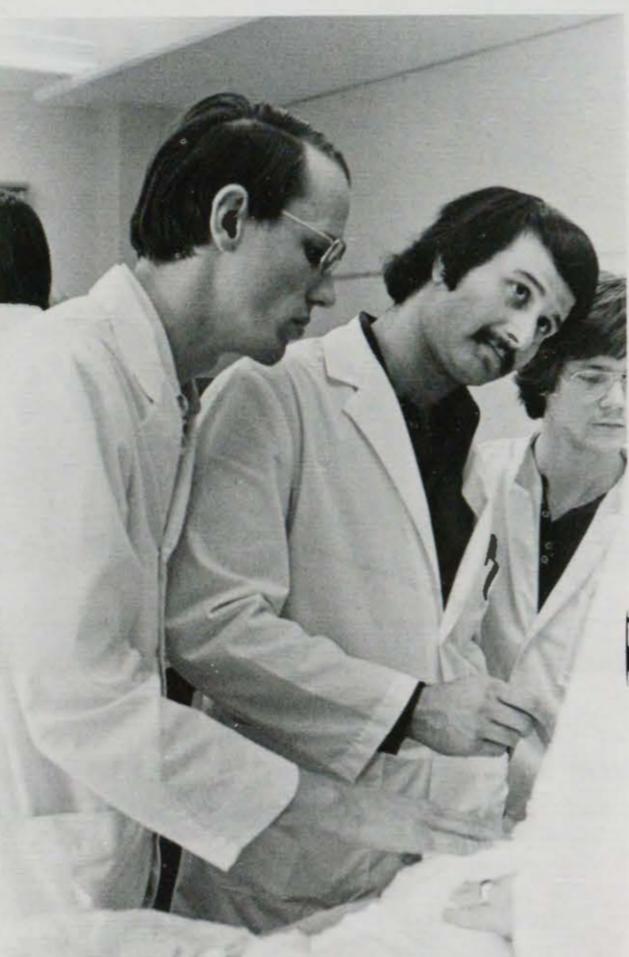
BOTTOM: The students are already quite familiar with the gross view.

TOP: President Moriber and the other Class officers listen intently to a comment from a class member. BOTTOM: The Class listens and thinks.

TOP: Weitzman directs a statement toward President Moriber. BOTTOM: Jack Gutman makes a final statement as the meeting is concluded.

Anatomy

UPPER LEFT: Dr. Slattery instructing James Joy, Mike Fox, Jay Parker, and Sanford Wolfe. LOWER LEFT: Garry Teigland, James Joy, and Mike Fox. CENTER: Students unwrap leg.



Our first experience in learning medicine was the study of Human Anatomy. We began the dissection of a human cadaver as soon as class started for us. This is a privilege which is ex-

tended only to those professions who train students such that their knowledge and experience will benefit those needing professional health care.

Some students were understandably squeamish where the actual handling of a scalpel was concerned, while others were in up to their elbows. Dr. Dalvi

Dave Little points out a structure to Donald Schmit, Bill Jagiello, Dennis Murphy, and Gary Kuhl.

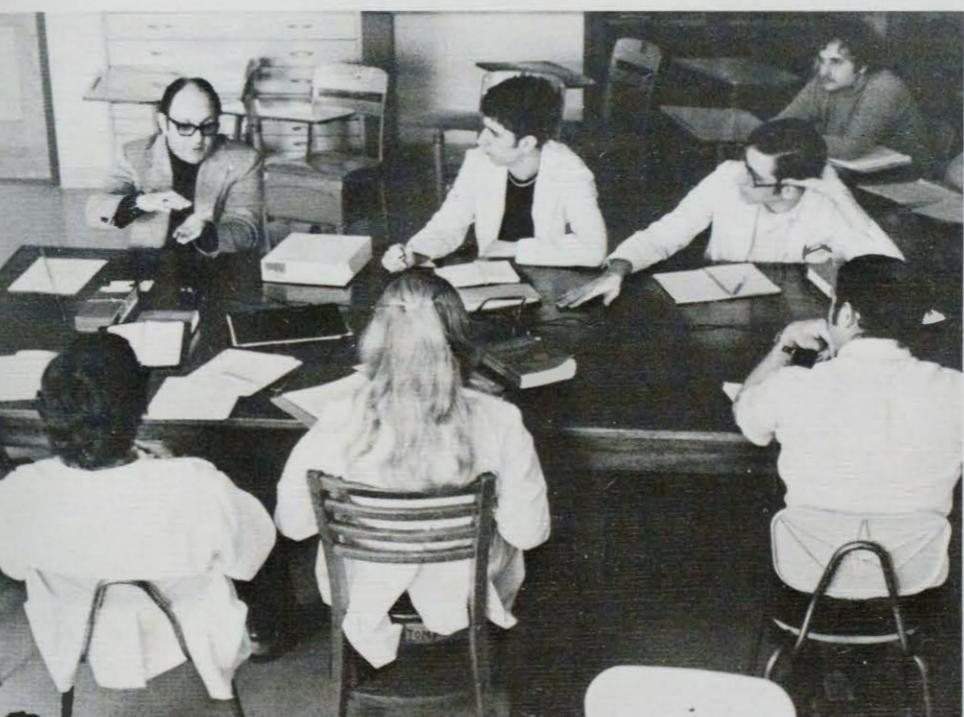
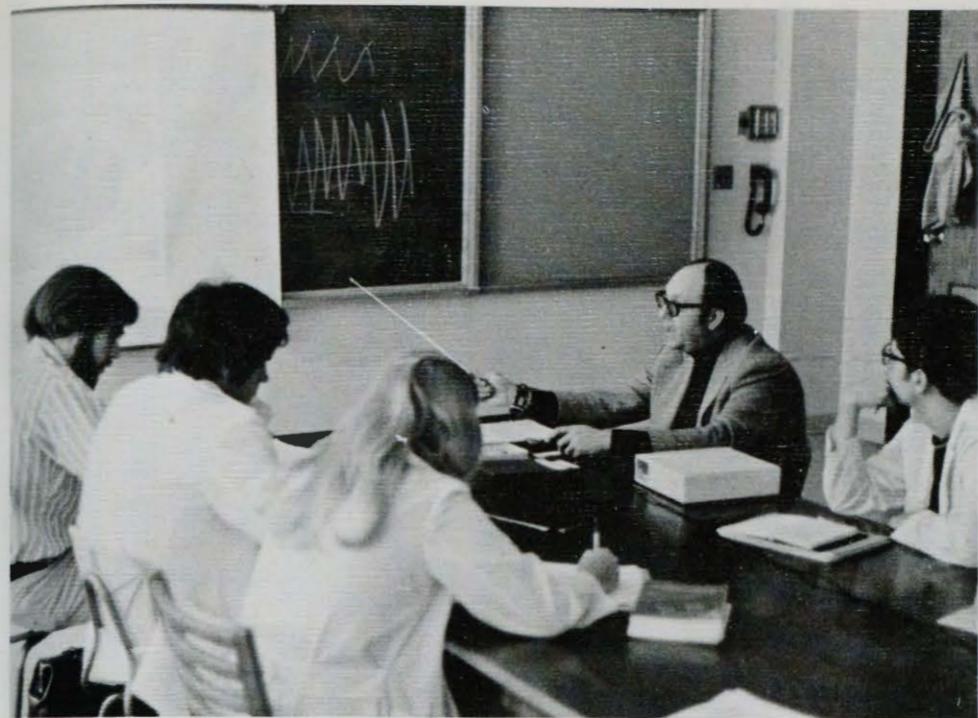
BELOW: Dr. Slattery demonstrates the anatomy of the abdomen to Dave Little, Lou Isaacson and Mitch Moriber.

During the freshman year at COMS, students receive a survey course in physical diagnosis taught by Dr. Rosen.

Dr. Rosen repeatedly emphasized the necessity for thoroughness in every physical examination.



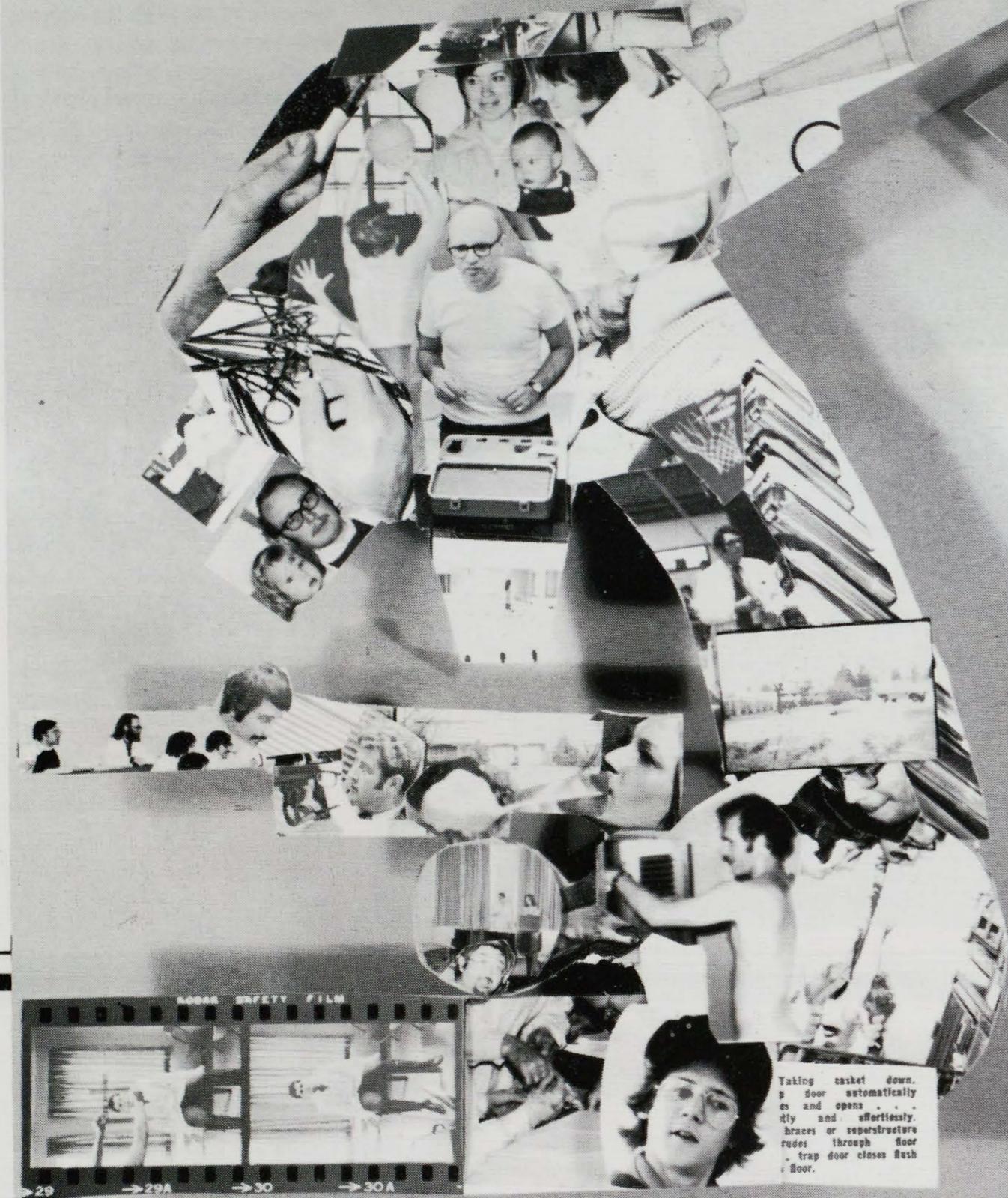
With small groups, Dr. Rosen was able to ask probing questions of the students concerning the physical examination.



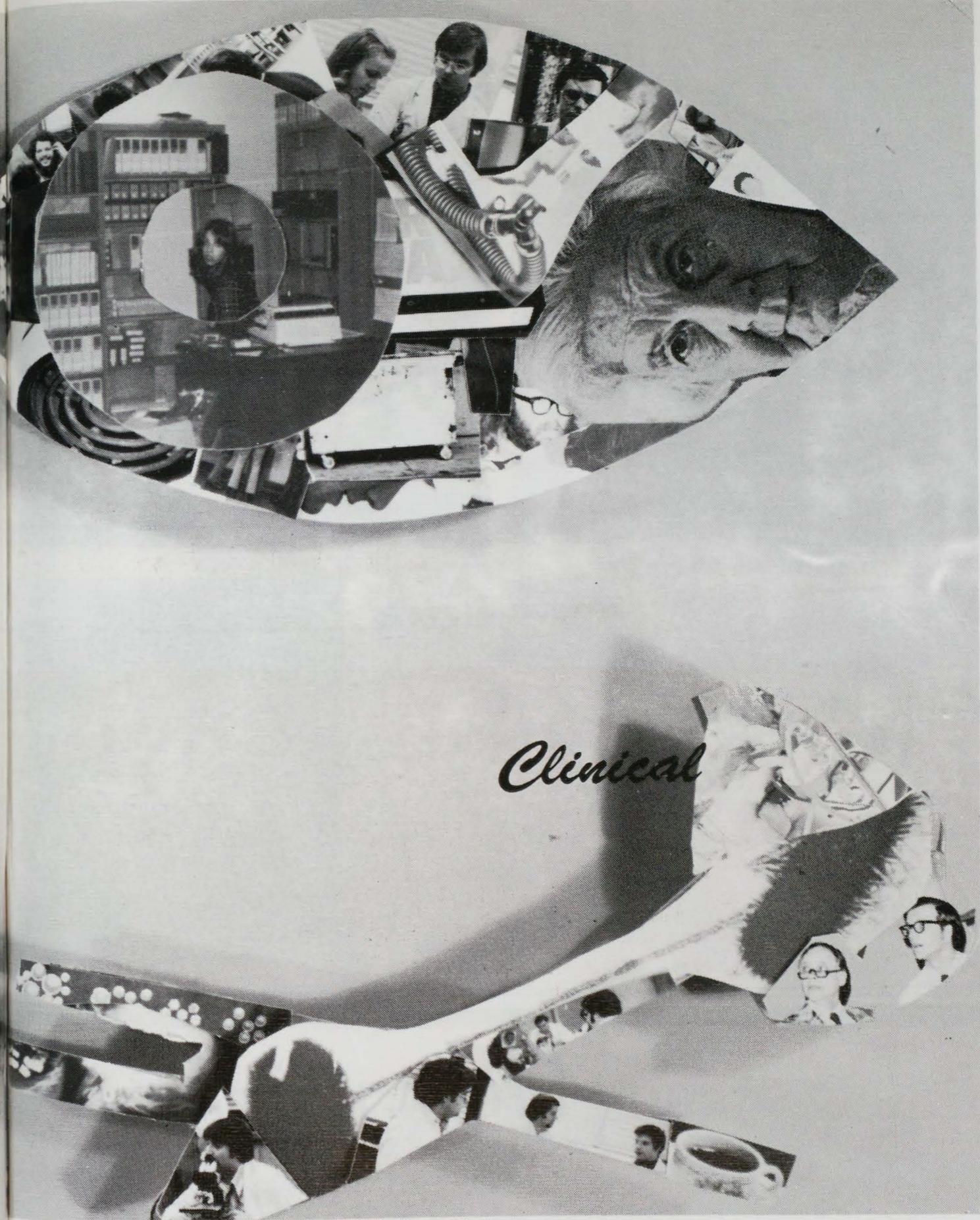
Using Kodachrome slides, Dr. Rosen went through the human body, system by system, explaining how to differentiate normal from abnormal physical findings.

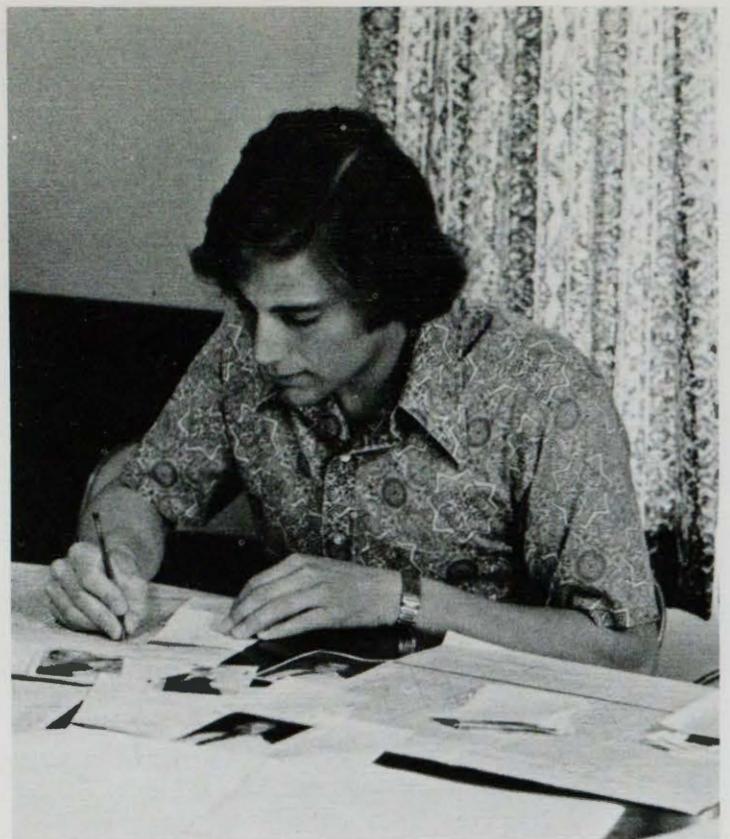
Here Dr. Rosen says, "Believe me, if you don't palpate the abdomen thoroughly, you could miss a tumor this big."

Pre-Clinical

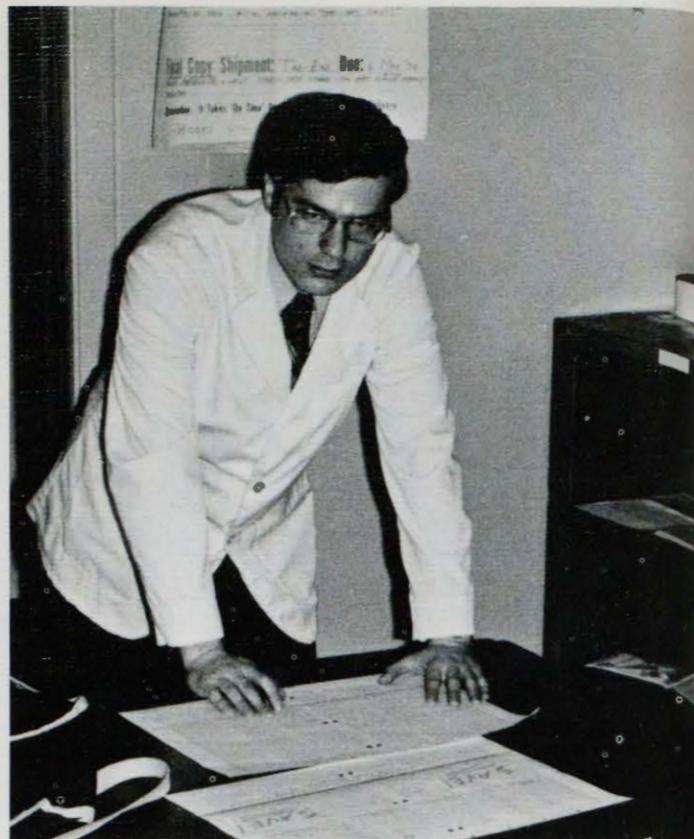


Clinical

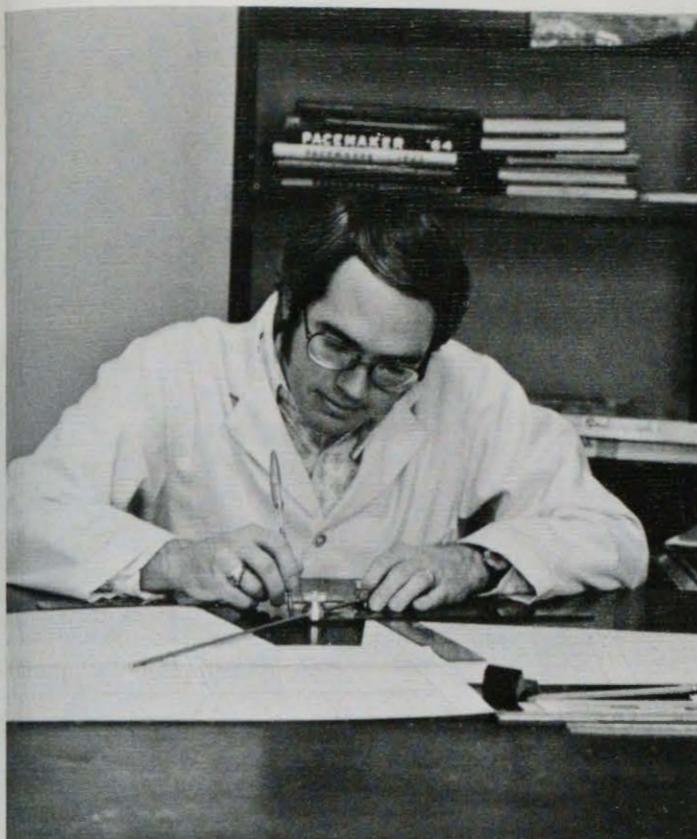




Roger Harris



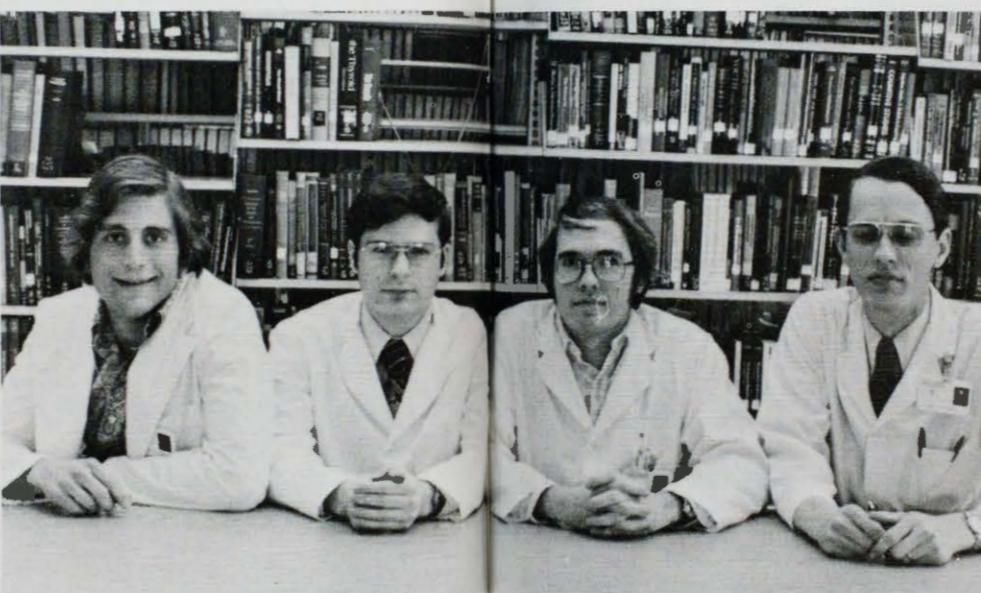
Dave Little



Dennis Shimp



Garry Teigland

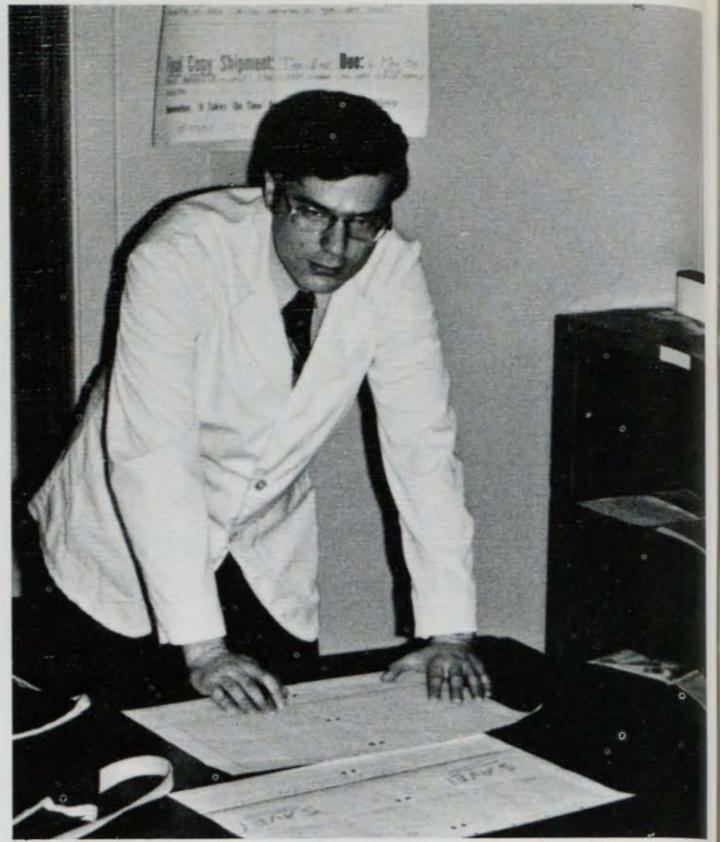


Freshman Year BOOK Staph

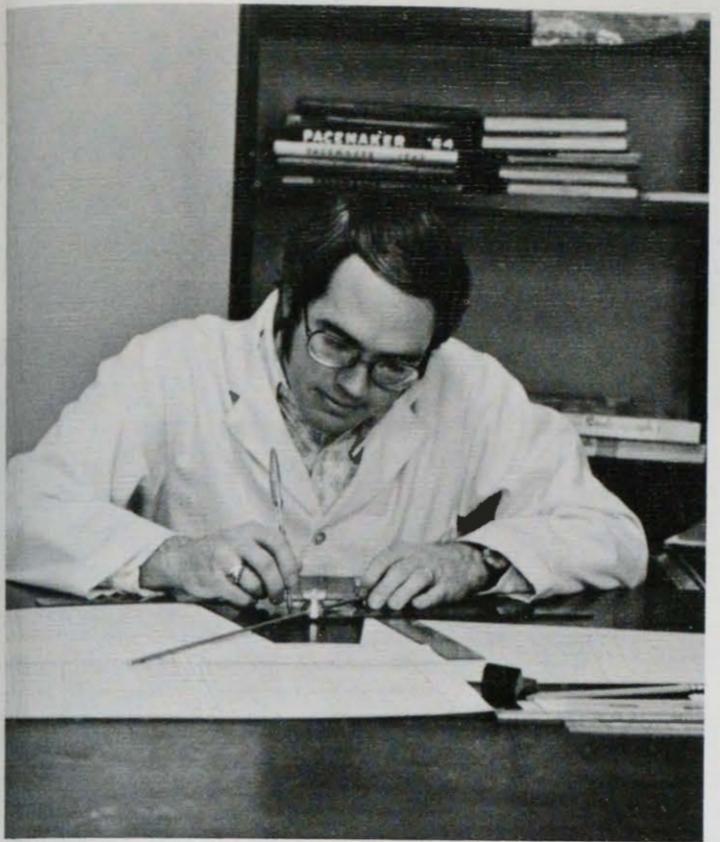




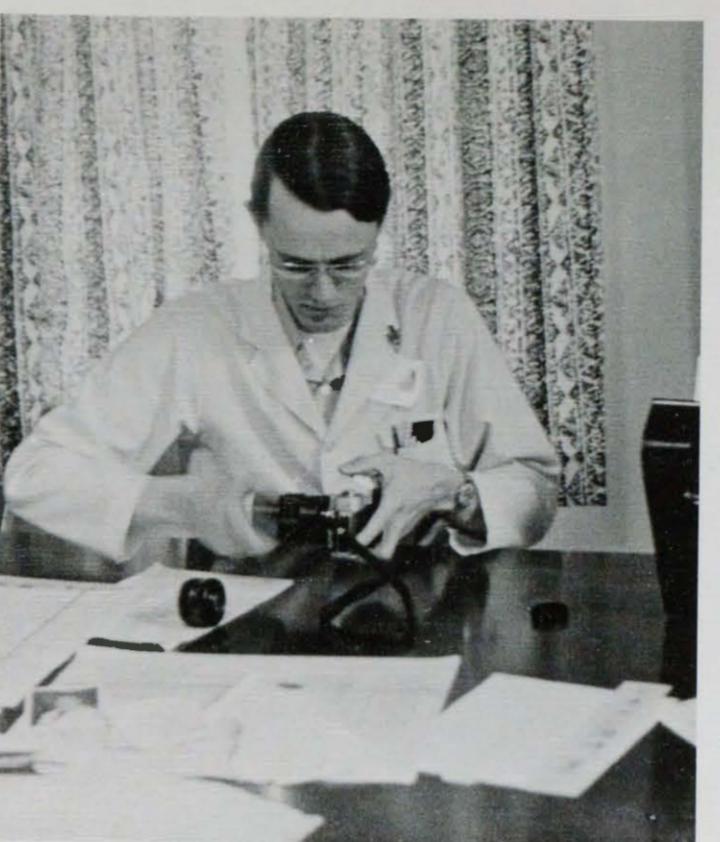
Roger Harris



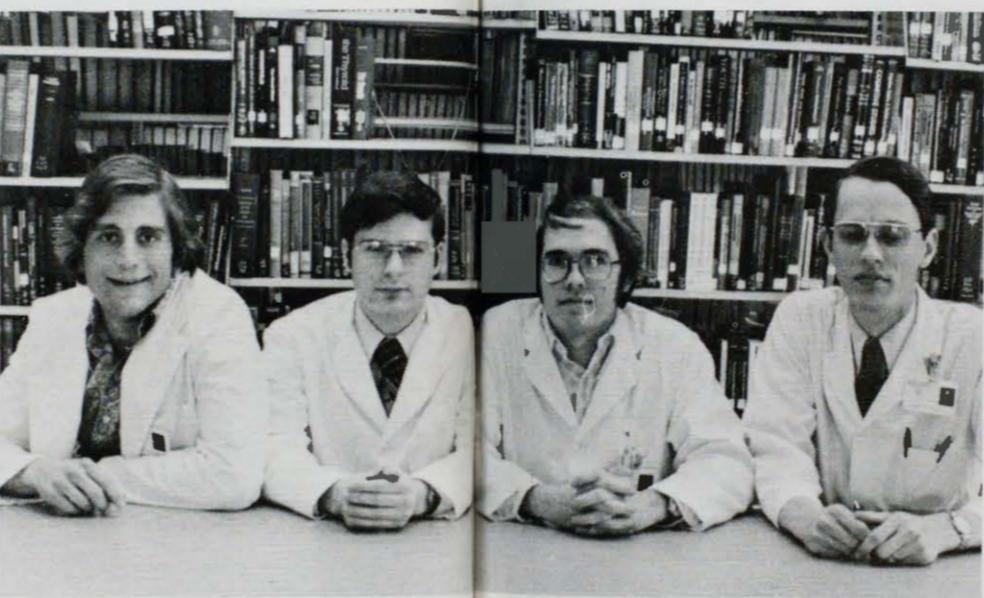
Dave Little



Dennis Shimp

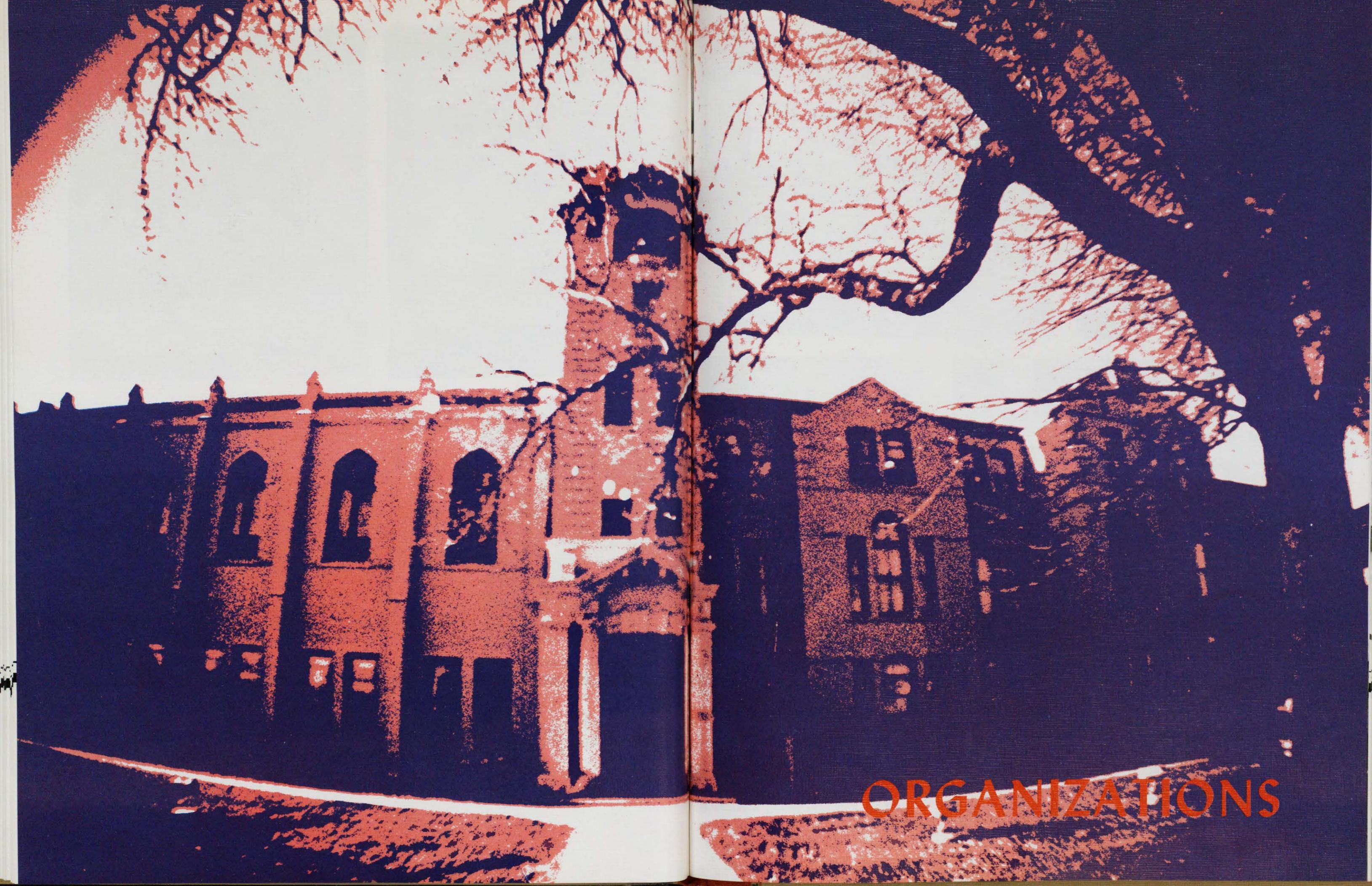


Garry Teigland

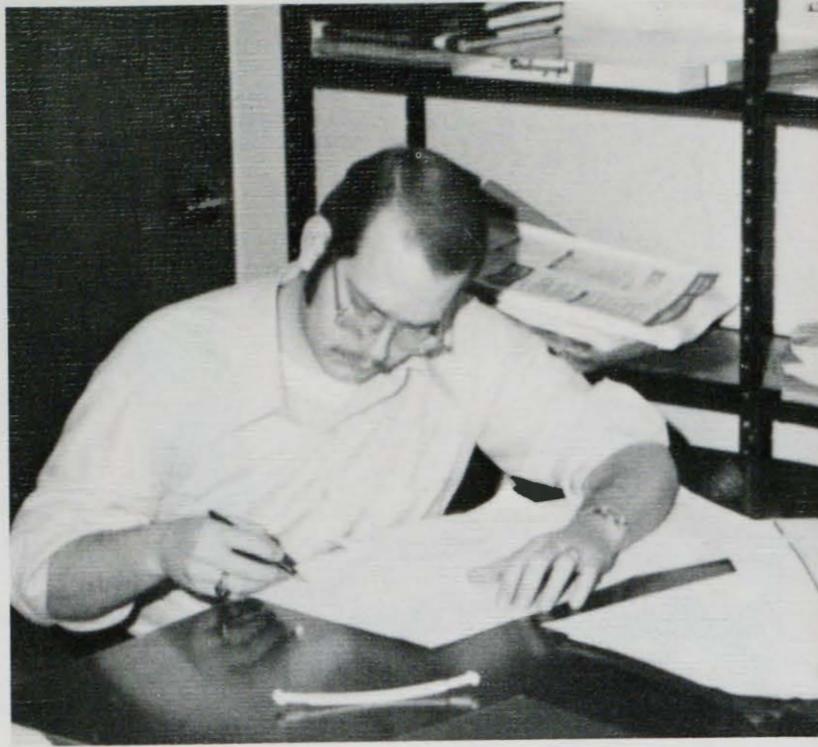
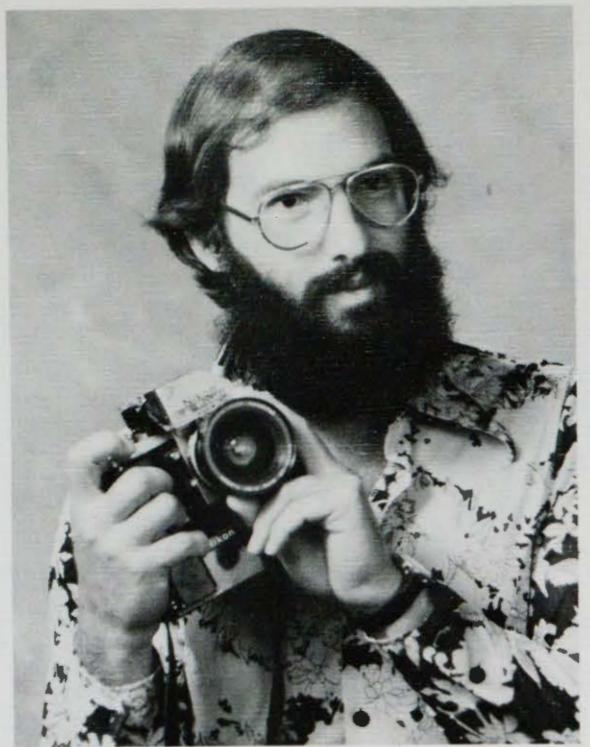


Freshman Year BOOK Staph





ORGANIZATIONS

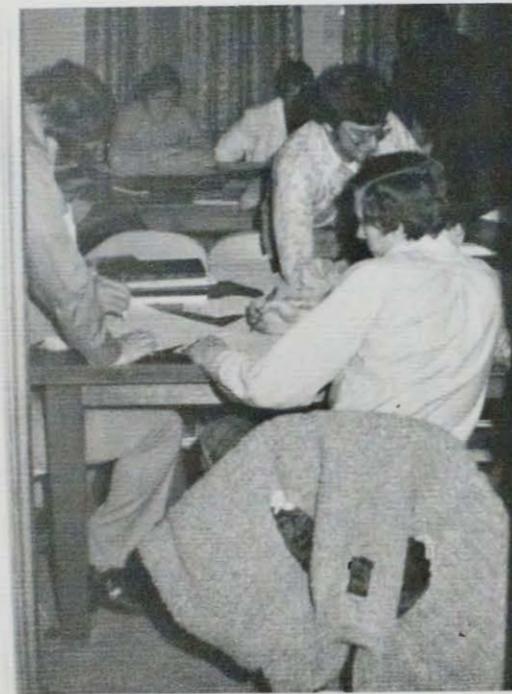
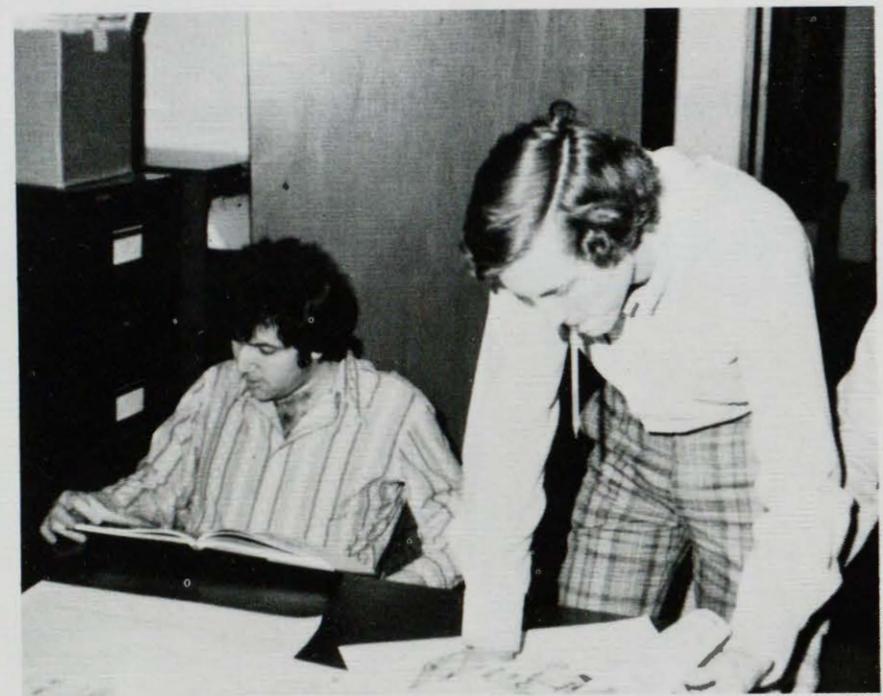
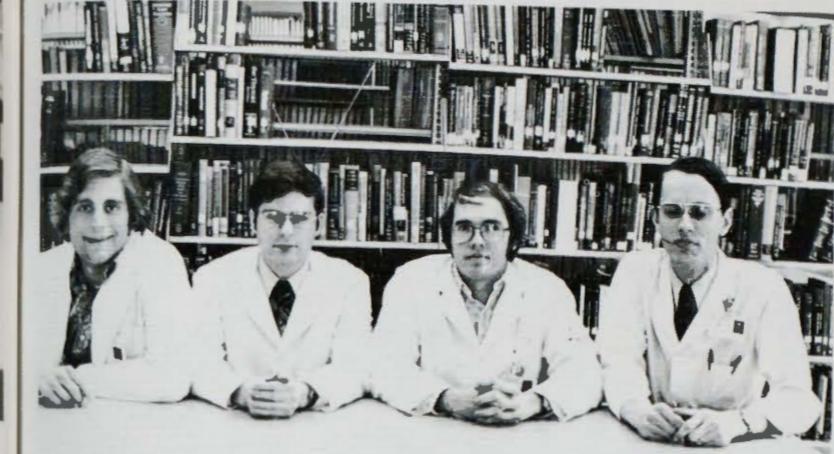


ABOVE LEFT: First year Pacemaker staff; Dave Little, Roger Harris, Dennis Shimp, and Gary Tiegland.

ABOVE RIGHT: Walsworth representative Paul Magnin discusses lay-out technique with Harris Neuman.

BELLOW LEFT: Third year Pacemaker Staff; Scott Tilleson, Paul Panebianco, Elliot Neufeld, Dave Brauner, and Bob From.

BELLOW RIGHT: Second year Pacemaker staff; Norm Novelly, John Kmetz, Harris Neuman, Charles Hughes, J. Clark, Debbie Barton, Bob Sachs, and Sam Singer.



Pacemaker Staff

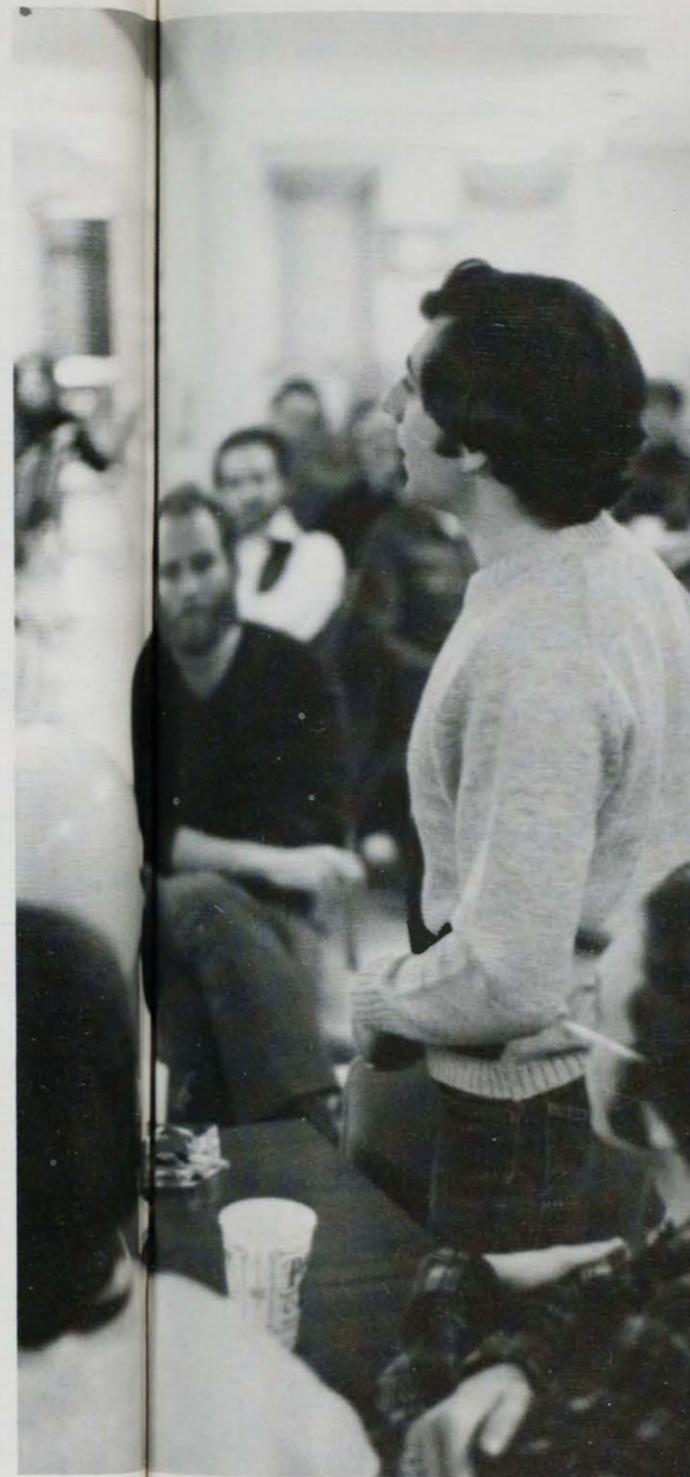
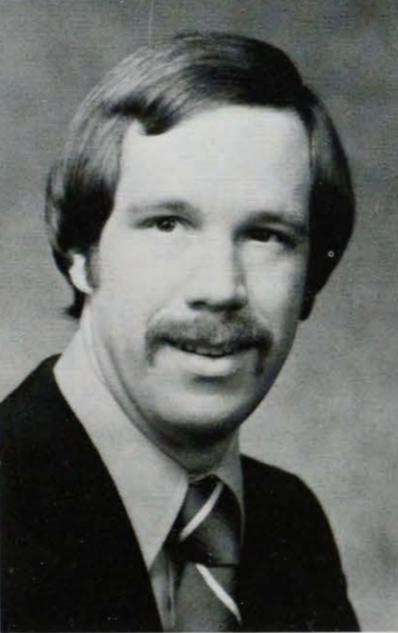
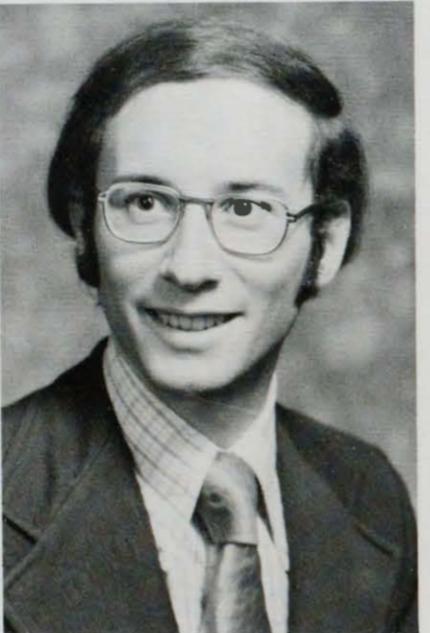
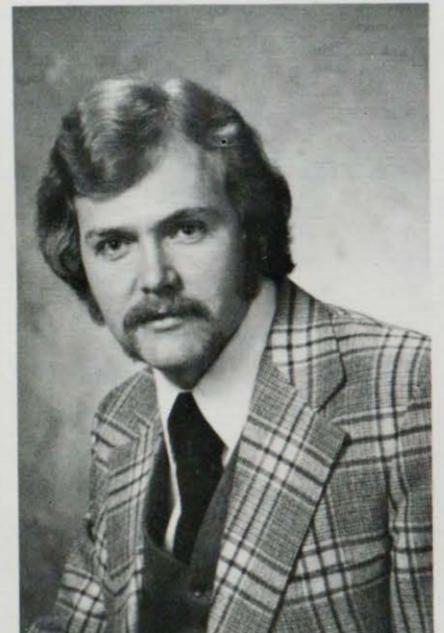
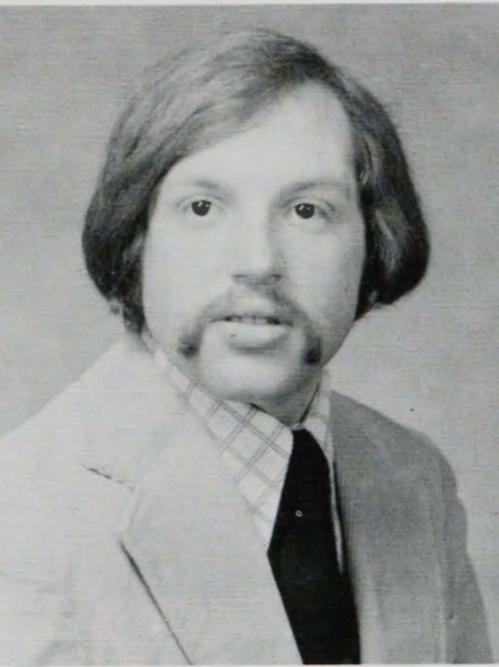
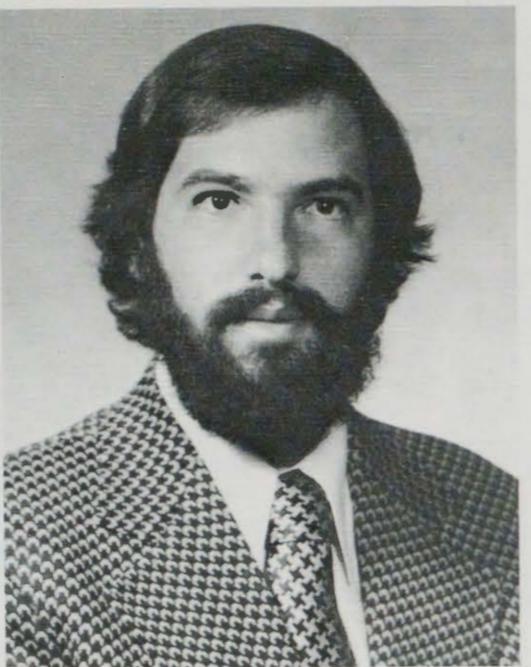
ABOVE LEFT: Dave Brauner - Editor

ABOVE RIGHT: John Wulff

BELLOW LEFT: Jim Kantor and Tom McNight

BELLOW RIGHT: Pacemaker workroom in use

Student Council



LEFT: Paul Panebianco relates some of his senior year experiences to first and second year students. ABOVE: Council representatives - Dick Adler, Jim Joy and Bob Roth. BELOW: Jim Joy serves Sam Singer some refreshments during Senior Smoker.

Dave Brauner

Student Council President

Bob Roth

Student Council Secretary

Don Peska

Student Council Vice-President

Elliot Neufeld

Student Council Treasurer

Ed Ebert

Student Council Treasurer

The 1973 - 74 academic year was filled with a large number of both new and old council projects.

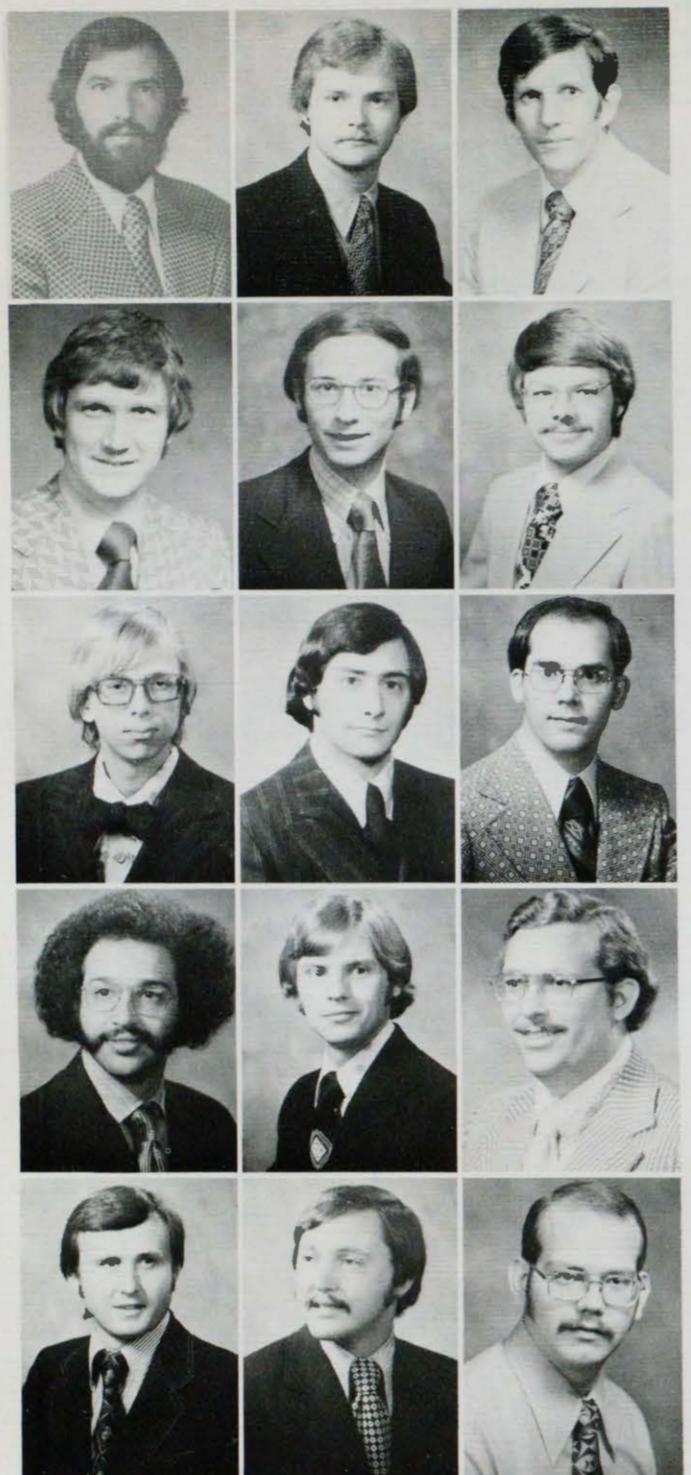
The Student Council continued to sponsor such traditional events as: the Freshman Welcome Dance, Skip Day Picnic, all intramural sports programs, including - football, basketball, softball and volleyball, plus a continuance of student representa-

tion on various faculty committees.

New to 1973 - 74 was the implementation and approval of NOSA, the National Osteopathic Student Association, by the student bodies of all seven member schools, thus representing an opportunity for student involvement in a national organization that is both responsive and representative of 100% of all os-

teopathic medical students. The Senior Smoker provided first and second year students with the personal clinic, community medicine, and hospital experiences of the graduating class.

Thus the COMS Student Council continued to act as a completely viable organization representing students in all areas and at all levels.



David A. Brauner, D.O.
Stephen Gleason, D.O.
John Janikowski, D.O.
Jules Marks, D.O.
Alan Mersch, D.O.

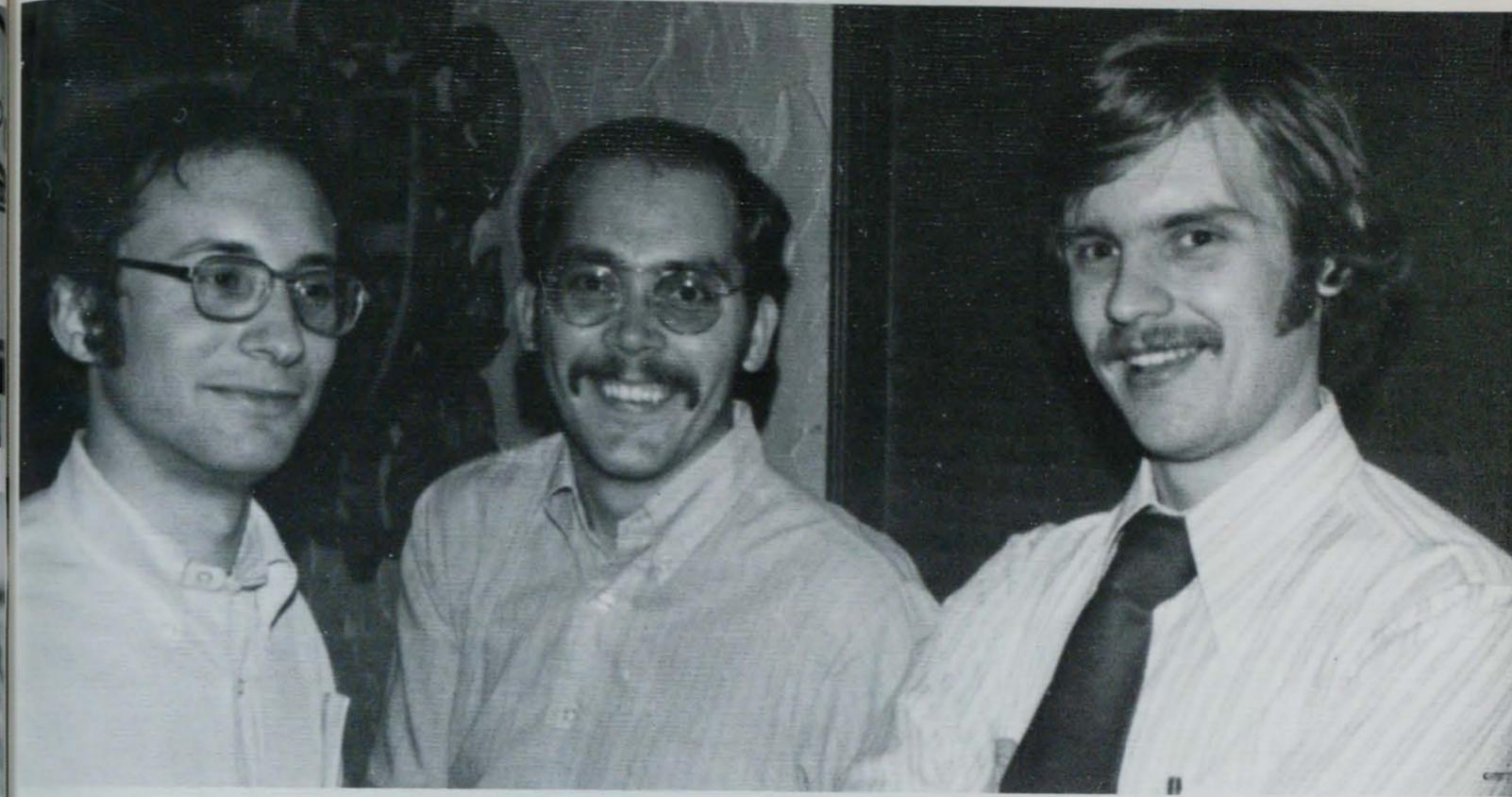
James Napier, D.O.
Elliot Neufeld, D.O.
Paul Panebianco, D.O.
Mark Reinertson, D.O.
Steve Richards, D.O.
Not Pictured

Clayton Shaw, D.O.
Mark Taylor, D.O.
Scott Tilleson, D.O.
David Webster, D.O.
Jon Wulff, D.O.
Stephen Elliott, D.O.



ABOVE: Steve Richards

BELOW: Dave Brauner, admiring our leader.



Sigma Sigma Phi is a National Osteopathic Honorary Service Fraternity. The College of Osteopathic Medicine and Surgery's division, the Beta Chapter, is one of the more active in the country.

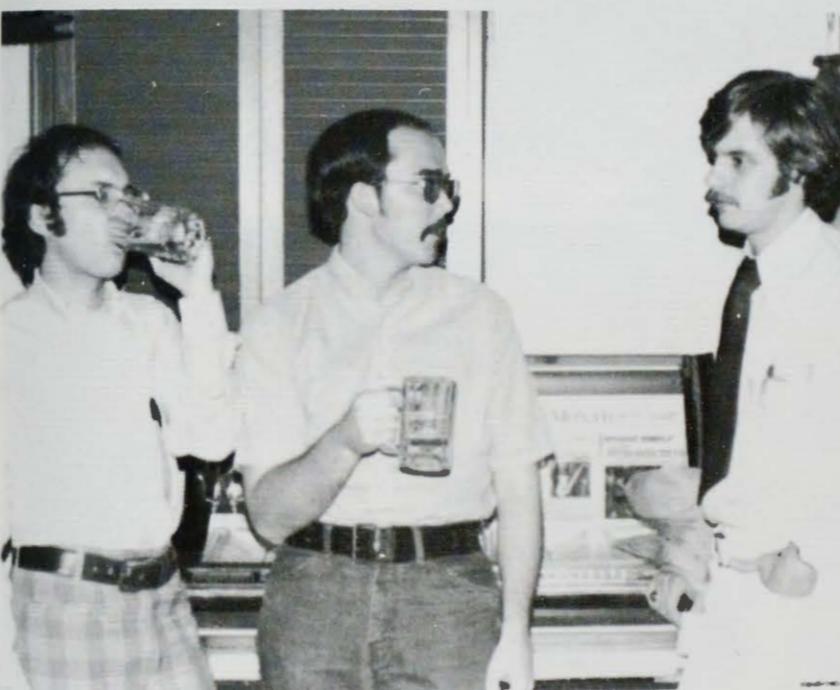
Members include second and third year students who have

shown an interest in participating in school and community affairs. Membership is selective, being offered only to those who have completed their first year at the college with a satisfactory grade point average.

Sigma Sigma Phi

ABOVE: Elliot Neufeld, Scott Tilleson and Mark Reinertson relaxing after an SSP meeting at Chuck's Italian American Restaurant.

BELOW LEFT: Mark Reinertson filling Doctor Burt Routman's, SSP advisor, tank.



SSP's activities in school and community are as diverse as the interests of its members. We participate in screening clinics for diabetes and hypertension, selling school rings, leading prospective students and other

guests on school tours, and sponsoring such events as; the Freshman Welcome Picnic, Senior Week, Pacemaker Ball, and lastly the production of the COMS annual - Pacemaker.

ABOVE LEFT: Dave Brauner and Steve Gleason

ABOVE RIGHT: Mark Reinertson and Steve Gleason

BELOW: Mark Reinertson- SSP President presiding at monthly meeting.

SSP members have traditionally been those students eager to work both in and out of class for the betterment of their school and their profession.

Mark Reinertson
President Sigma Sigma Phi
1973 - 1974

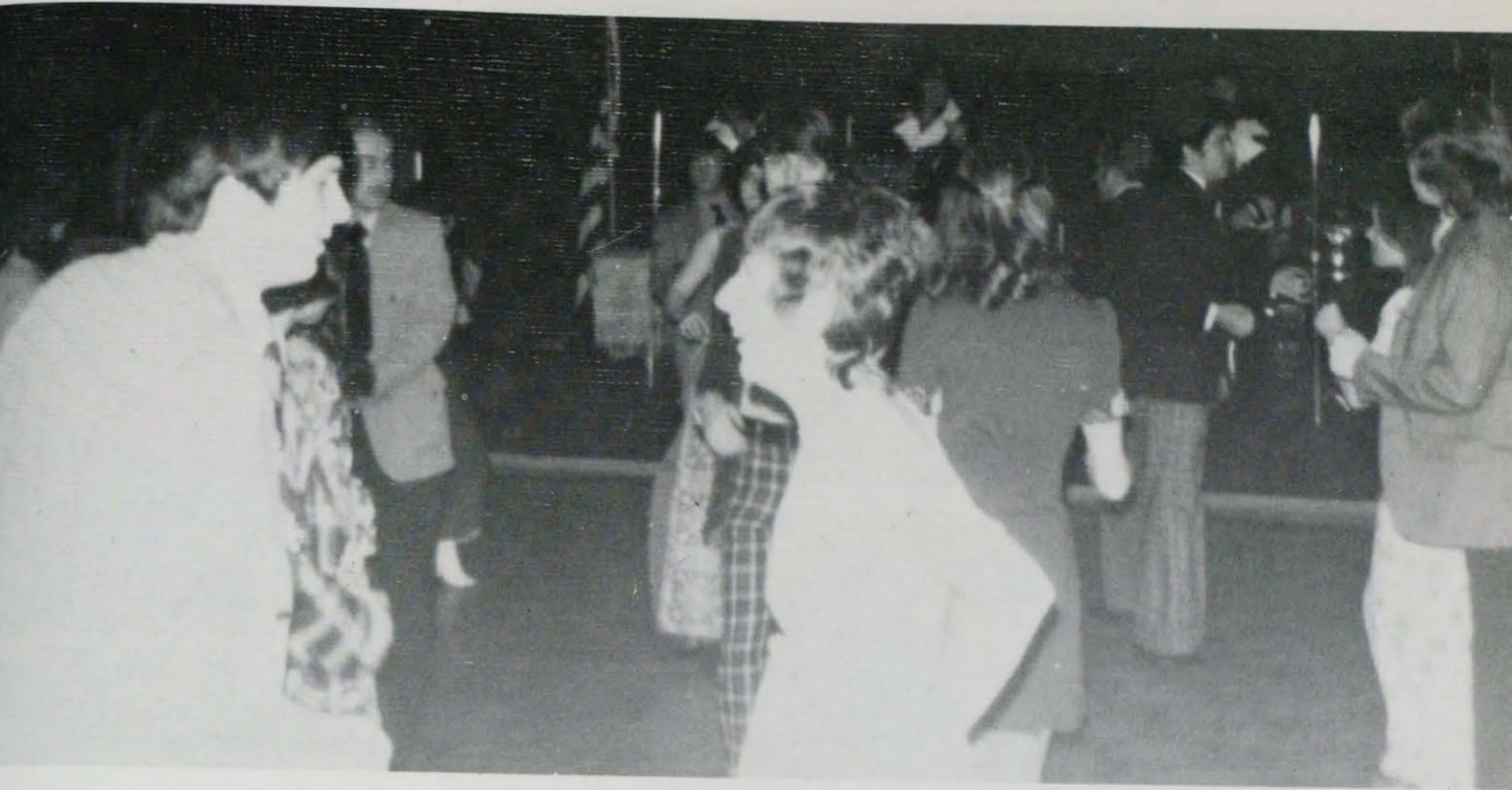
ABOVE LEFT: Mark Taylor

ABOVE RIGHT: Doctor William Strong; National SSP President, Mr. Pat Patterson, Marion Labs, SSP Board of Directors.

BELOW LEFT: Elliot Neufeld, Scott Tilleson and Mark Reinertson.

BELOW RIGHT: Alan Mersch and Paul Panebianco.

Students' Wives Club 1973-1974



ABOVE: Lu Orr, Debby Barton, Ken and Sandy Moon, and Frank Piccione are seen enjoying themselves at the Winter Formal. RIGHT: Dave and Marsha Drake are one of the many couples on the dance floor enjoying the music of the band.



TOP LEFT: Student Wives' Club Annual Casino Party. TOP CENTER: Student Wives' Club President-Sandi Moon TOP RIGHT: SWC 1st Vice-President-Beth Beach ABOVE: Secretary-Judy Piccione, RIGHT: 2nd VP Debby Barton FAR RIGHT: Pat Haberer-Treasurer

This section is dedicated to you, the past, present, and future members of the Students' Wives Club of the College of Osteopathic Medicine and Surgery.

Wives' Club has, and continues to be a liaison between husband and school. It is the only organization which brings the student's wife close

to the college atmosphere and its activities - a means of showing support and interest in what your husband is doing.

Through Wives' Club it is hoped that a better prehension of the Osteopathic profession will be gained, in addition to a sharing of ideas, enthusiasm, and special talents need-

ed for the educational, charitable, and social functions.

Although all of the objectives or ambitions of the Students' Wives Club cannot possibly be depicted on these pages, it is hoped that these few pictures characterize the camaraderie of several of the active wives.



Declaration of a Student's Wife



Shown at a monthly board meeting are: B. Beach, G. Piccione, L. Kane, D. Barton, B. Dominic, S. Moon, P. Haberer, P. VanDusen, L. Goldberger, M. Geren, J. Shimp, N. Clark, J. Koehler, K. Krajewski, R. Webster, R. Spector



Second year wives: 1ST ROW: Stacy Kaplan, Ruth Spector, Jan Whitham, Phyllis Newman 2ND ROW: Deb Barton, Sue Hardinger, Cheryl Nielson, Gen Piccione, Kathy Krajewski, Betty Dominic, 3RD ROW: Ladonna Kane, Audrey Krueger, Pat Haberer, Marilyn Geren, June Bosworth, Kathy Tyler



First year wives: FRONT ROW: Joyce Gallagher, Nanci Levin, Alice Friedgood, Barb Greensweig, SECOND ROW: Jan Shimp, Pat VanDusen, Connie Barch, Lynn Taylor, Linda Karson, Nancy Adler, Nanci Kuhl, Joyce Koehler, Lynn Goldberger.

Being the wife of a future member of the medical profession, I solemnly pledge myself to dedicate my life to the service of my husband and my family; I will practice my wifely duties with conscience and dignity;

I will encourage my husband to study diligently;

I will give to my husband and his profession to respect which is their due, and I will keep informed about this profession—acting as a liaison with the public;

I will be careful of my words, actions and deeds since these reflect not only upon myself but also upon my husband and his profession;

I will look after my husband's health so that, in turn, he will be able to give his first consideration to his patients' health;

I acknowledge that the secrets confided in my husband must remain with him;

I will learn to maintain the utmost respect for human life and will not harbor prejudices;

I will make a special effort to develop my mind just as my husband will develop his during his medical training, so that we will both grow and develop together;

I will share social, cultural and world items of interest with my husband which study time will prevent him from learning himself;

I make these promises solemnly, willingly, and upon my honor.

— Barbara Leff (Mrs. Donald)
President, 1958-1959
Students' Wives Auxiliary

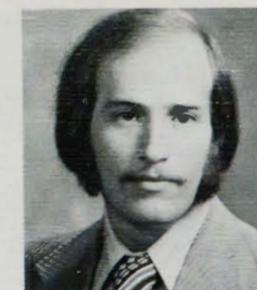


Senior wives: FRONT ROW: Kathy Poschner, Norma Clark, Jan Shaw, Sue Vidd, Sandi Moon, BACK ROW: Ruthanne Webster, Jane Pressman, Marilyn Boyd, Cyndy Wulff, Marsha Drake, Cheryl Reinertson. LEFT: Some of the wives picking up children after one of the meetings.



LEFT: Betty Dominic, chairman for the Osteopathic Seals campaign, displays the posters that were to be used. ABOVE: Pat Haberer shows Nanci Levin and State Auxiliary President, Charlene Abramsohn, her embroidered Ostie poster

Elliot Ames



Jack Calabria



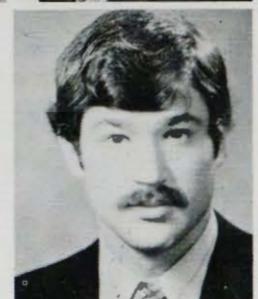
James Hogin



Tony Linz



Roger Secklecki



Ken Suska



Mike Vandewalle

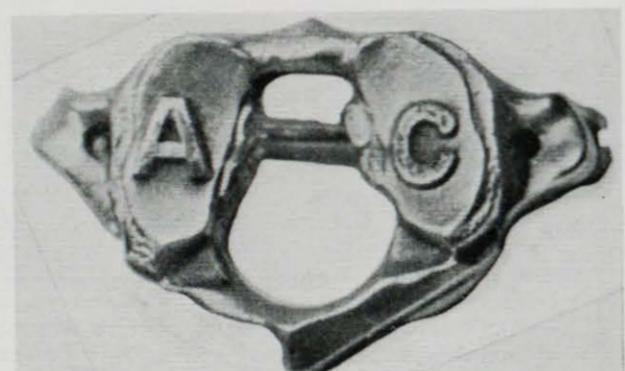


Freshman: ROW 1 - Jay Ryno, Jeff Hagenstein; ROW 2 - Sandy Wolfe, Dan Beavers, Irving Benowitz



This is the official Atlas Club limousine with chauffeur and doormen which is used for all social functions.

Atlas Club Class Of 1974



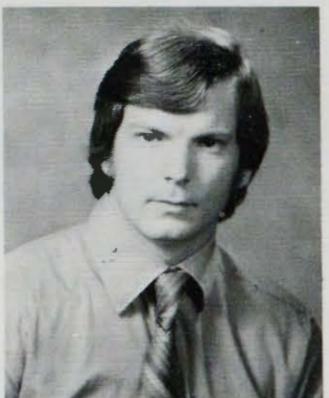
ROW 1 - Norm Novelly, Vice Pres. Walt Krajewski, Pres. Dave Kosnosky; ROW 2 - Treas. Dave Lydon, Sect. Don Anderson; ROW 3 Bill Serote; ROW 4 A.T. Still D.O. who was conceived without lesion.

The Atlas Club's house sits high on the rolling, emerald hills of old Fort Des Moines overlooking the sparkling Grand River. The white-pillared mansion has been a familiar landmark to members, non-members, Dr. Celander, horny

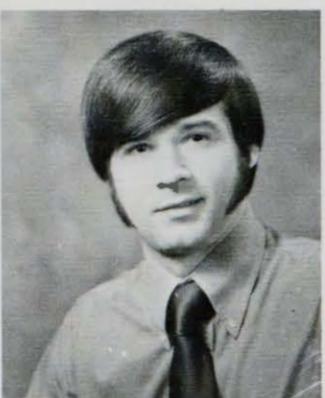
nurses, the county health dept. and the fire marshal. Although the existence of the house is precariously held in the hands of power and politics, the Club itself has perpetuated young

professionalism through fraternity. In addition, Atlas Club functions to provide social festivities, guest lecturers and a relief from the continuous migraine of battles with the books.

PSG



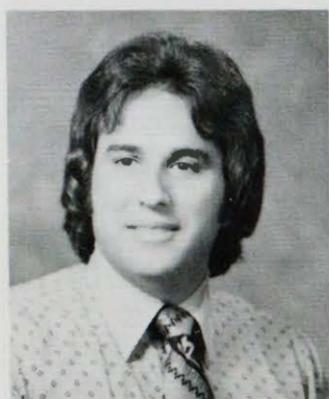
James Alexander



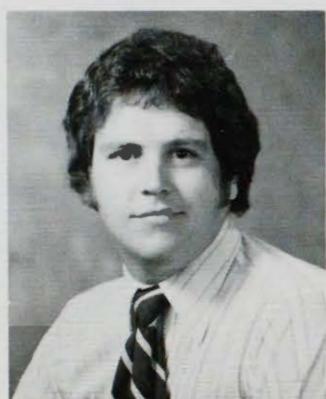
Daniel Beaver



Daniel Halby



David Hoffman



Ronald Jones



Joel Miller



Paul Silverstein



Seniors



Phi Sigma Gamma was formed at the Still College of Osteopathy in Nov. of 1923 with 29 chapter members. Chartered as the Delta chapter, the Socio-fraternity has grown in numbers to include 63 active members in the 1974 school year. PSG members participate in various educational and social events once monthly. Many of the local physicians

in the Des Moines area are past members and PSG encourages their continued participation. (RIGHT) Treas. - Steve Sklar, Active Chapter Delegate - John Clark, Vice-Pres. - Paul Haberer, Pres. - Terry O. Kurtz, Membership - Steve Hart, Secretary - Alex Leeds. (TOP LEFT) Dean Senty and PSG's faculty advisor, Dr. Connair, appear in deep

concentration following dinner. (ABOVE RT.) Terry Kurtz confers with past president Dave Hoffman. (MIDDLE LT.) Tom Lower and wife are solo dancers while others enjoy after dinner rest. (CENTER) Dennis Shimp, 74-75 president and wife, Jan, pose during dinner. (MIDDLE RT.) With the pace of the music picking up,

everyone but Jo Teeter, photographer's wife, heads for the dance floor. (LOWER RT.) Pizza and beer party sponsored by PSG attracted many people. Tom Pelz, Dennis Shimp, and Charles Hughes are shown working in the COMS kitchen preparing pizza for the membership drive party.



Delta Omega



BACK ROW: Vicki Petersen, Audrey Lewerenz, Ruth Frahm, Lorraine Stehn, Charlotte Cleavenger, Barbara Vander Wall, Nina Hare, Karen Kantor.

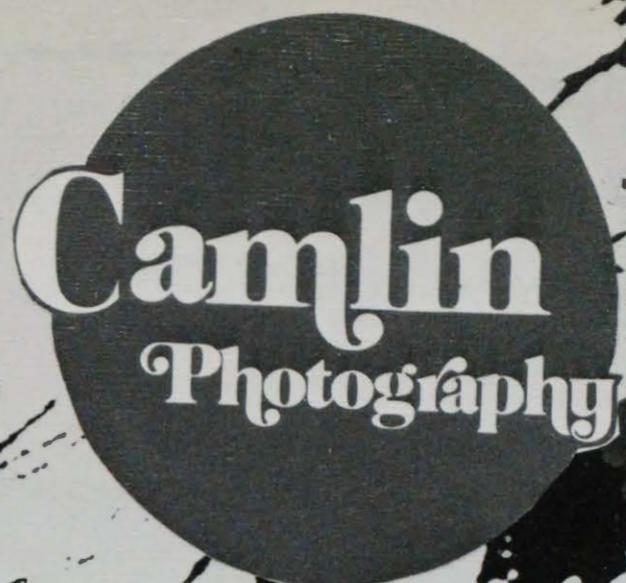
FRONT ROW: Deborah Copperman, Laurie Woll, Margaret Orcutt, Stephanie Gangsei, Rita Shapiro, Mary Nunchuck, Marianne Klemm (V. Pres.). Members NOT PICTURED: Shoko Kubota, Kip Malick, Terrie Wurzbacher (Pres.), Lesley Hanson, Melva Newcomb.



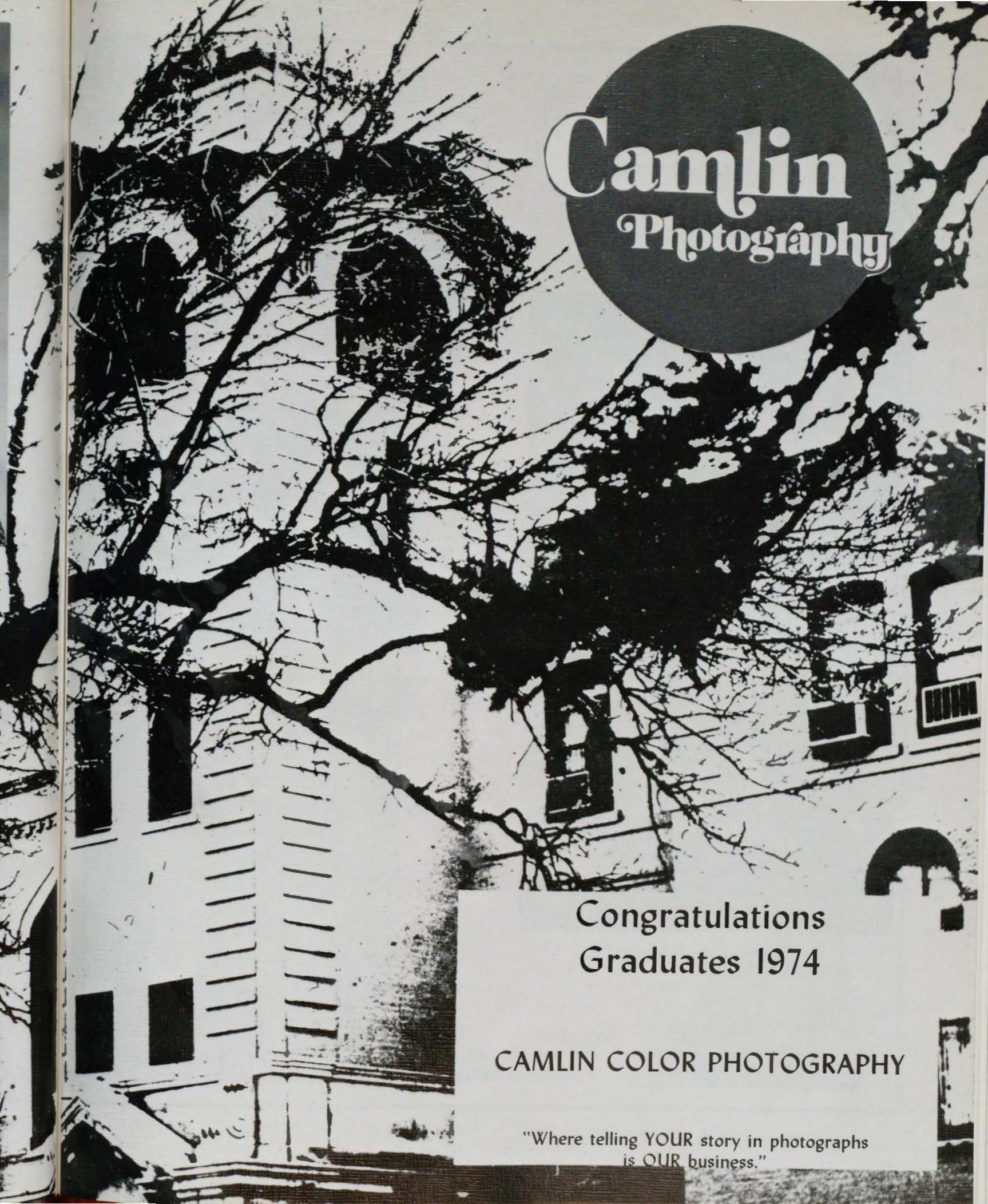
TOP: Melva "Evil Knievel" Newcomb. BOTTOM: Dr. Elizabeth Burrows, Delta Omega advisor and friend.



TOP: Audrey, Debbie, Vicki, Lorraine and Charlotte exchanging ideas at one of the meetings. MIDDLE LEFT: Marianne taking time to work with Dr. Slocum. MIDDLE RIGHT: Dr. Anna Slocum has taken time to teach us more about osteopathy. BOTTOM: Stephanie, Karen, and Lesley at Delta Omega's final meeting with Dr. Genevieve Stoddard.



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Photography

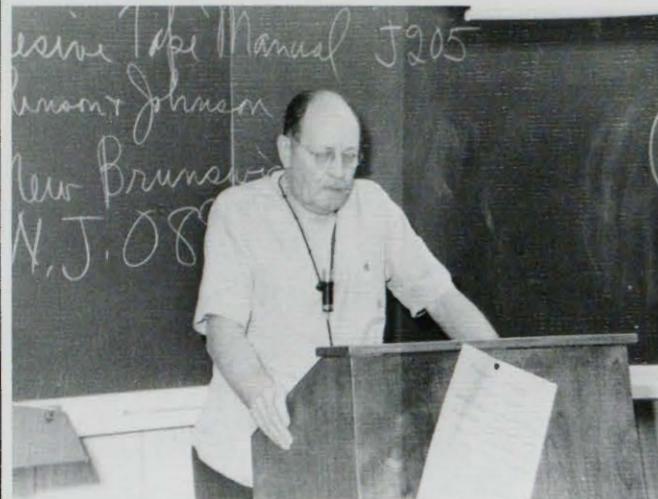


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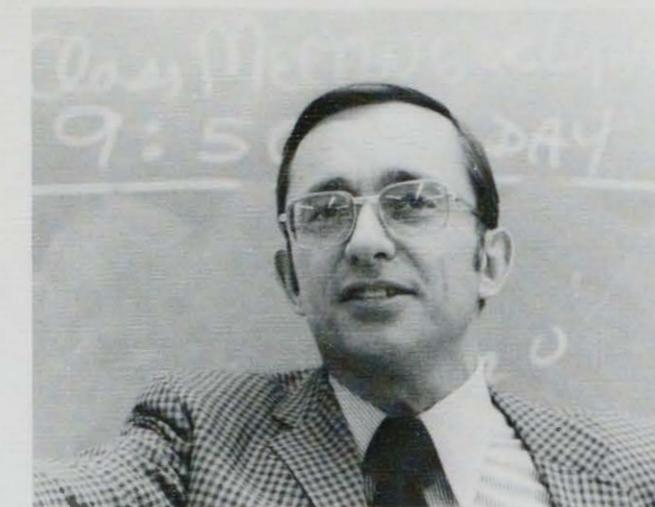
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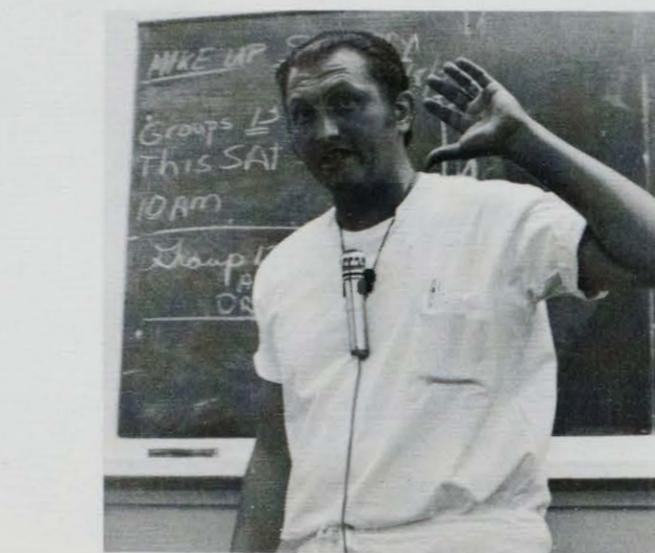
DR. BYRON LAYCOCK



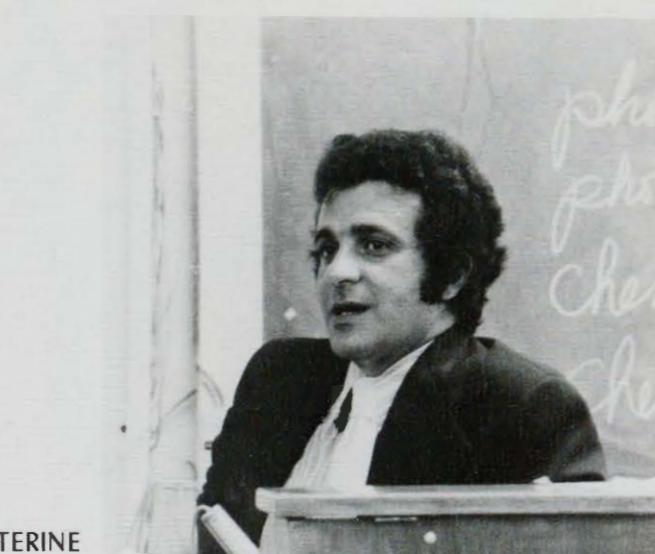
DR. R. G. HATCHITT



DR. JOHN SCHWARTZ

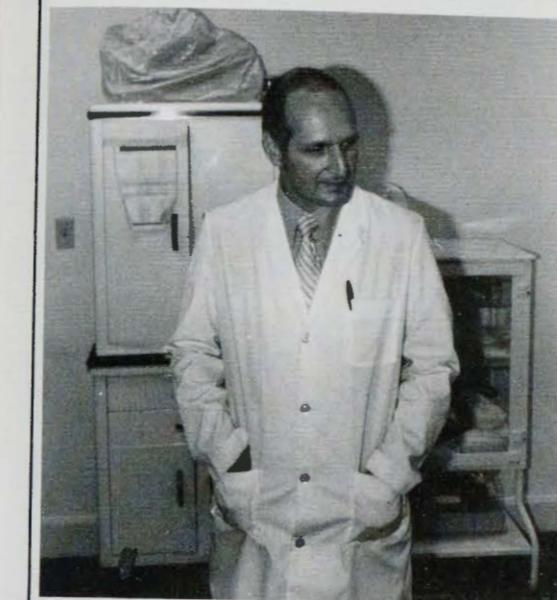


DR. NORMAN ROSE



DR. JAMES CATERINE

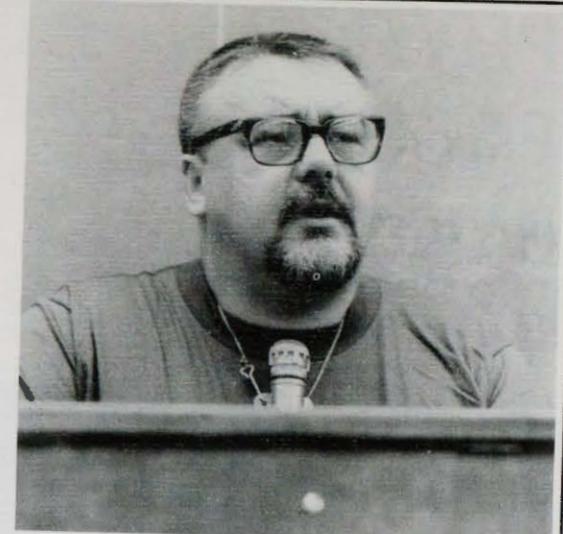
PHYSICIAN-FACULTY BOOSTERS



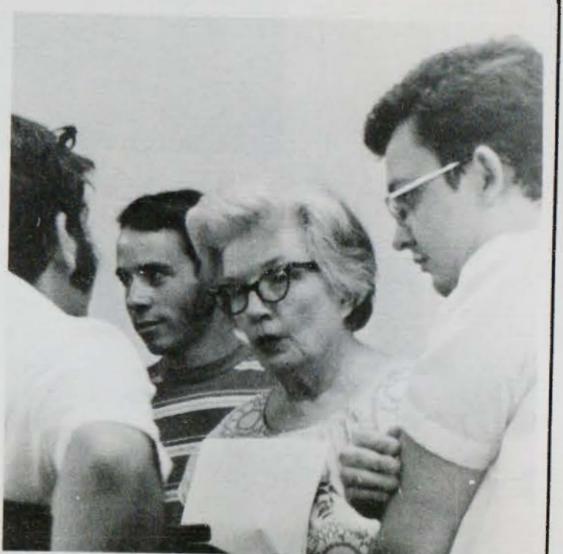
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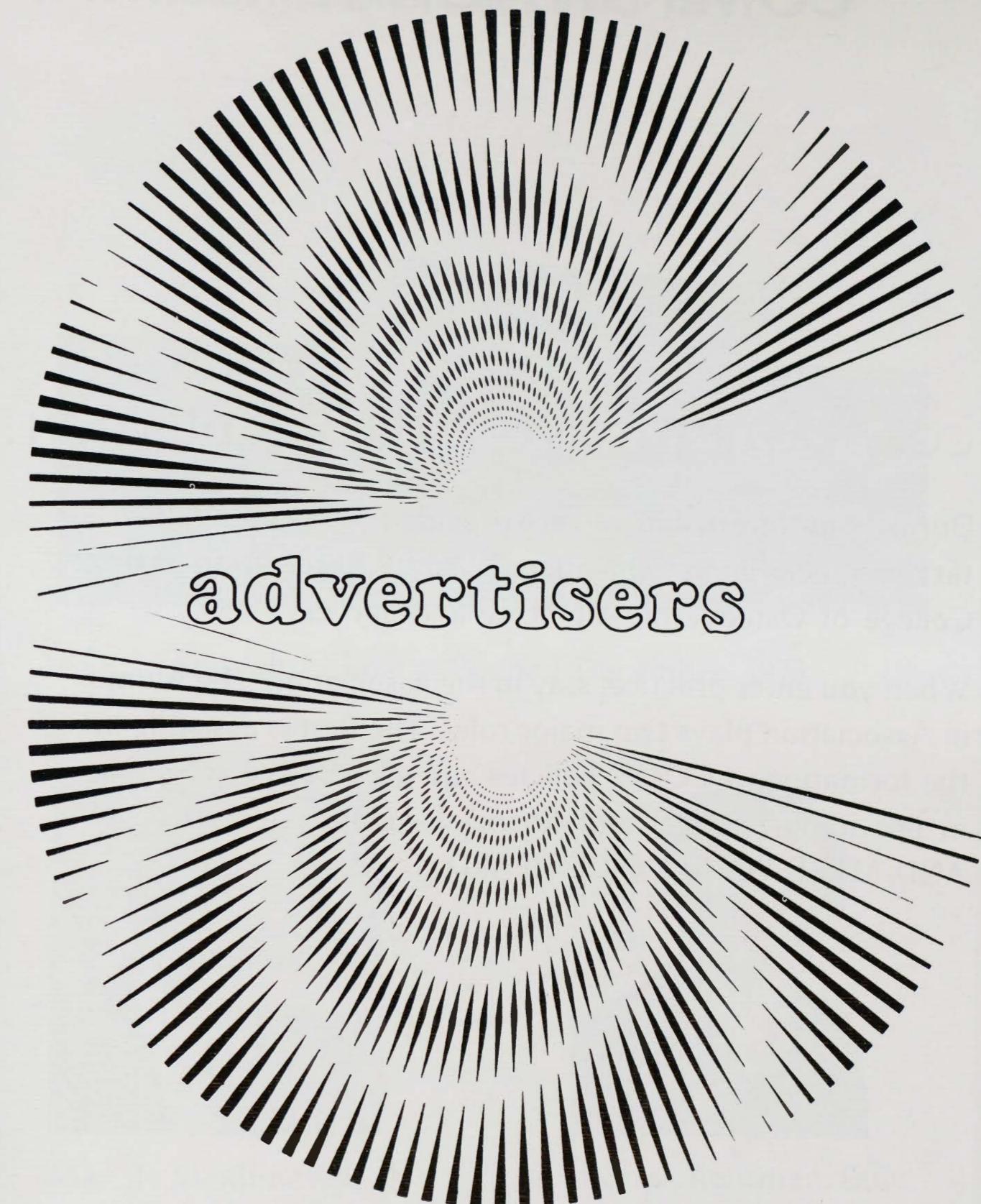
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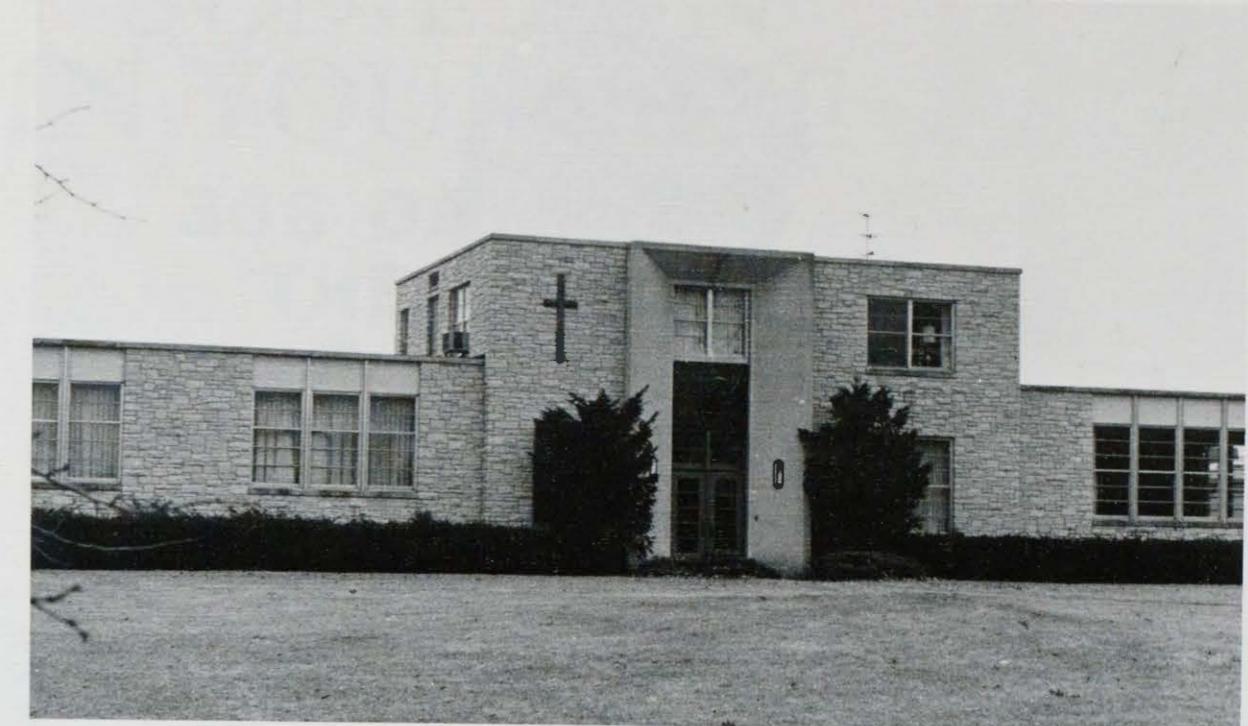
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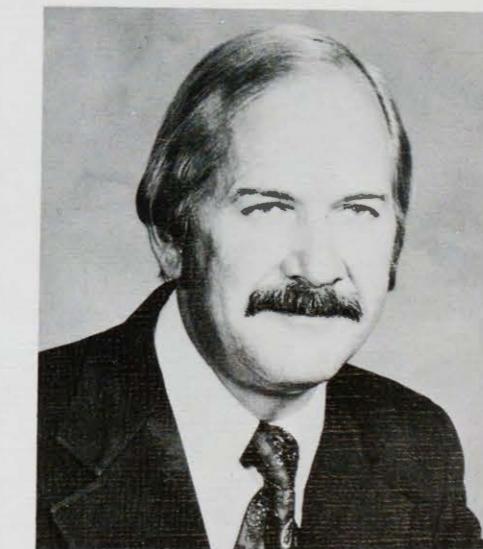
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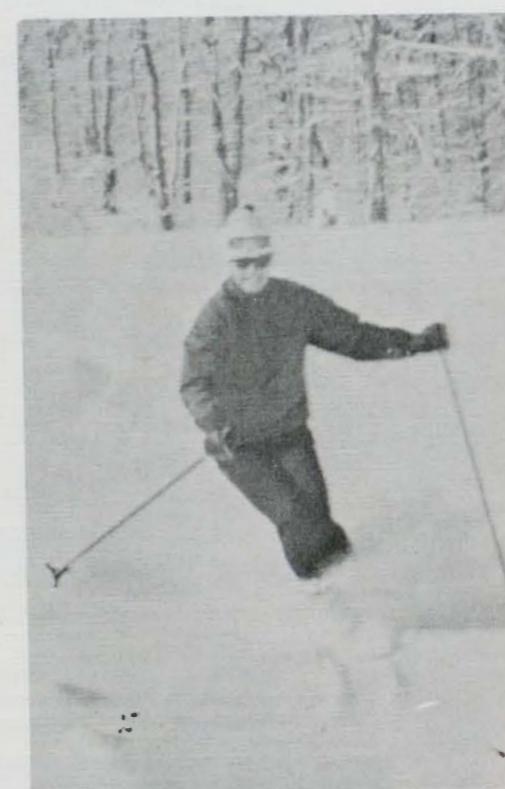
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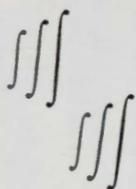
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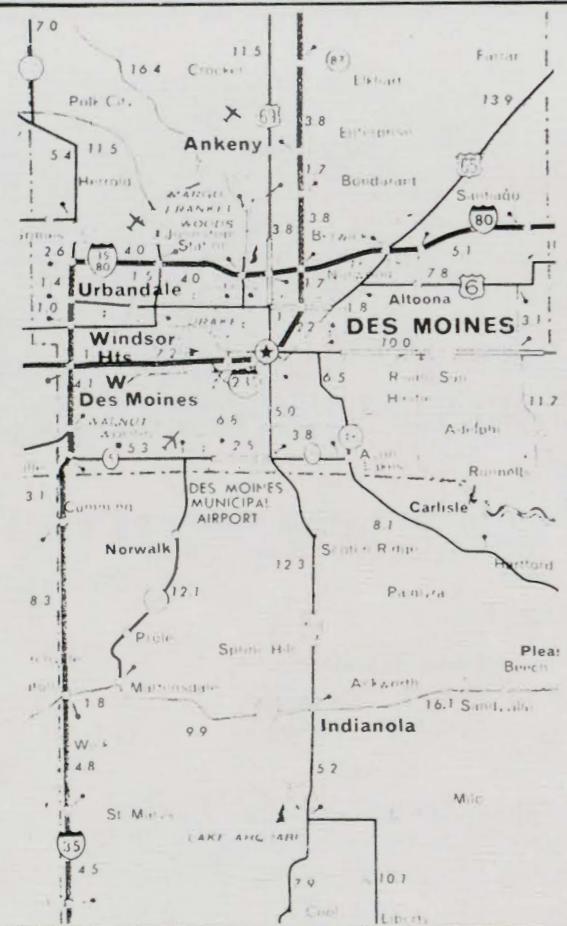
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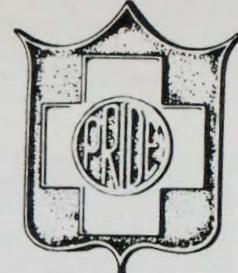
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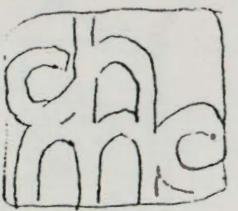
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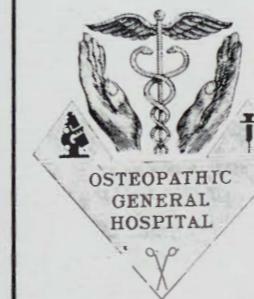
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Pacemaker 74 attempts to compare the activities and achievements of the academic year 1973-1974 with those of the past. Many thanks are due to the few devoted souls whose donation of time, energy, and talent has made the production of Pacemaker 74 possible. I would like to extend special thanks to Camlin Color Photography for their great assistance in so many areas of this annual. I would also like to thank Linda Briskin for her cover artwork and Uldis "Whitey" Ilvess for his photographs of the COMS campus and of Doctor Spevak.

Another year has ended, another class has graduated, and yet another is there to take their place. Pacemaker 74, that was the year that was.

Pacemaker and the beat goes on.

Dave Brauner
Editor



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