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



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# Dedication

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## Introduction To Pediatrics





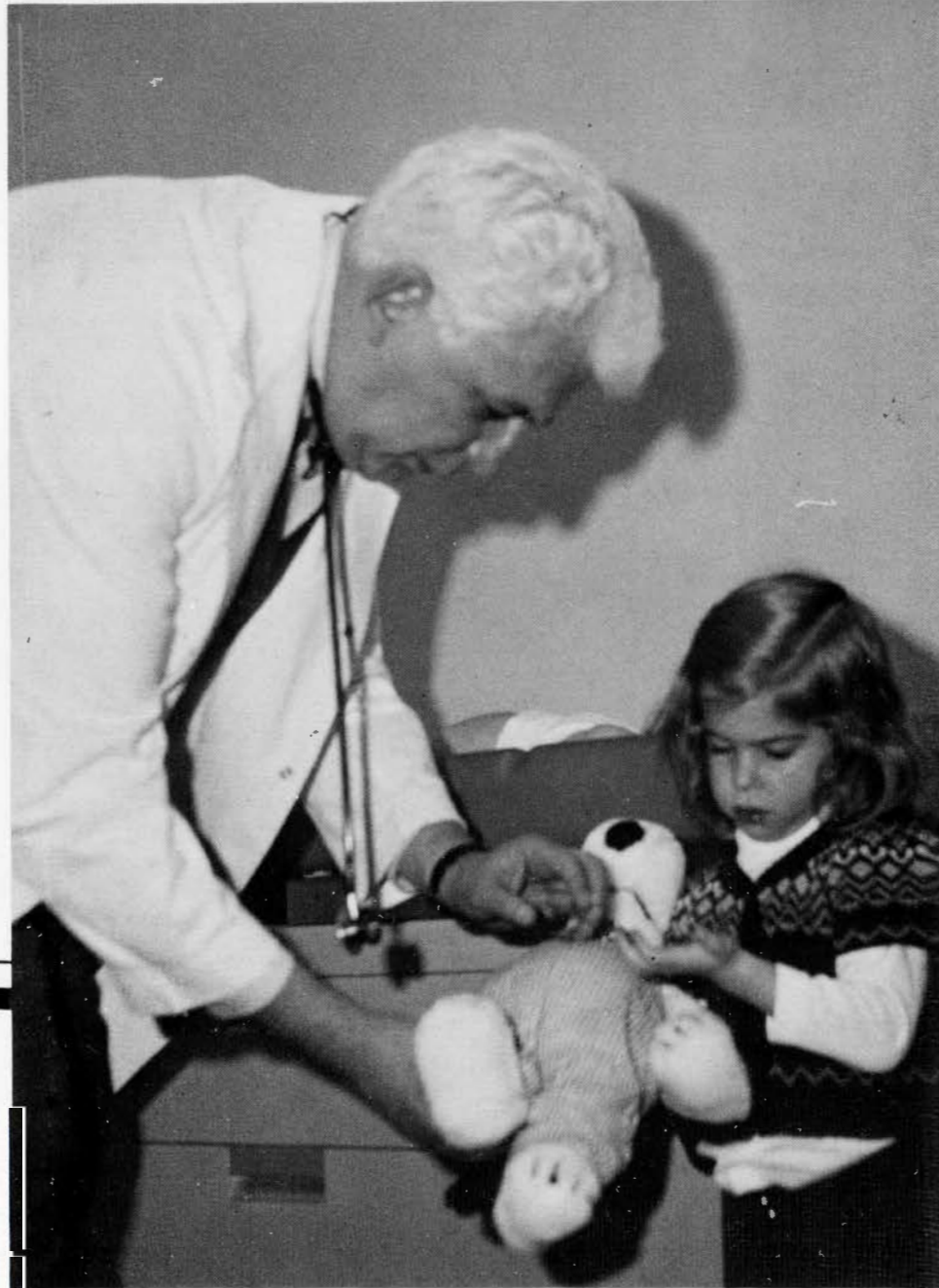
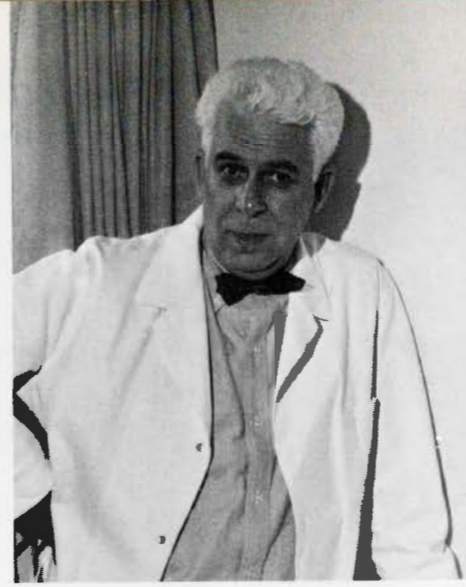


With a quiet manner and slow deliberation, Dr. Jack Spevak affords the best in pediatric medicine to Iowa's little people.

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

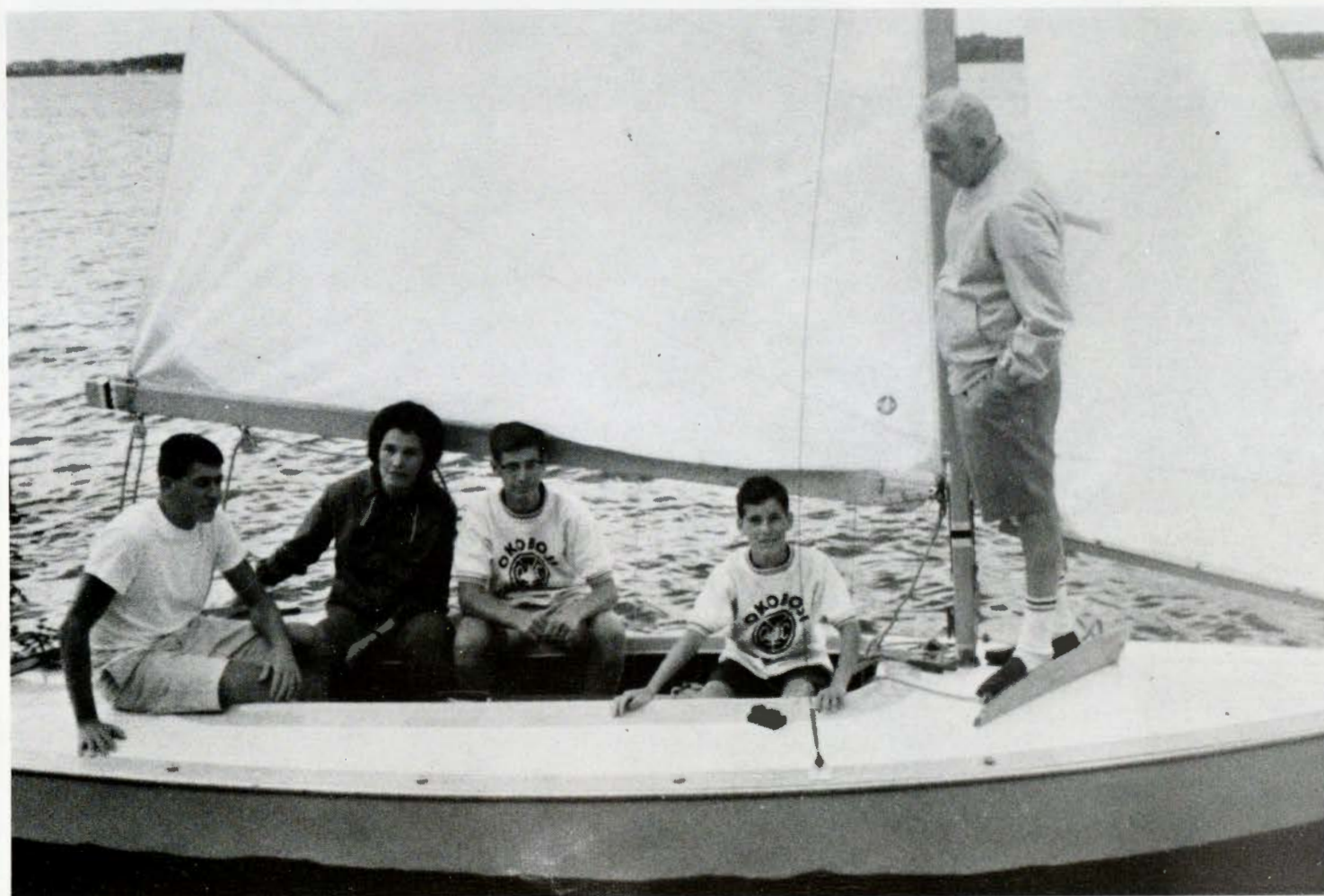
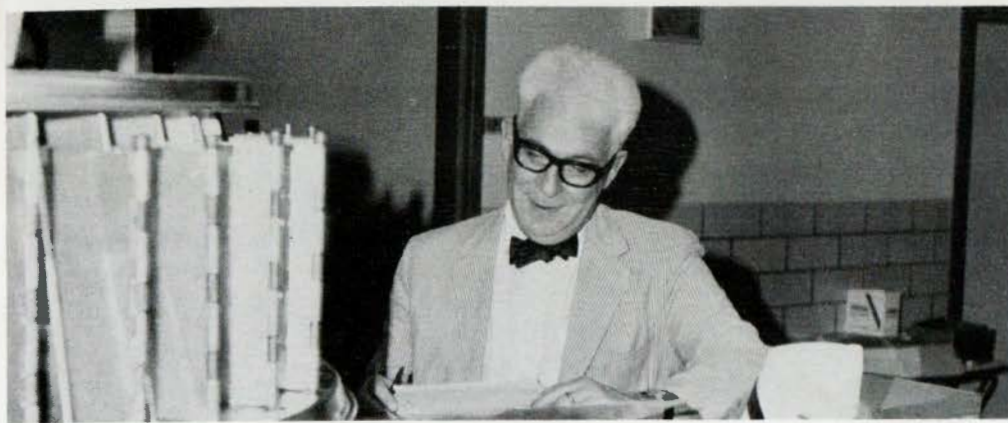
the good doctor work from early morning to late evening, eating an occasional potato chip in the hall between patients. Somehow, the comforts most men enjoy, lose their significance when compared to the afflictions of the children before you.





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





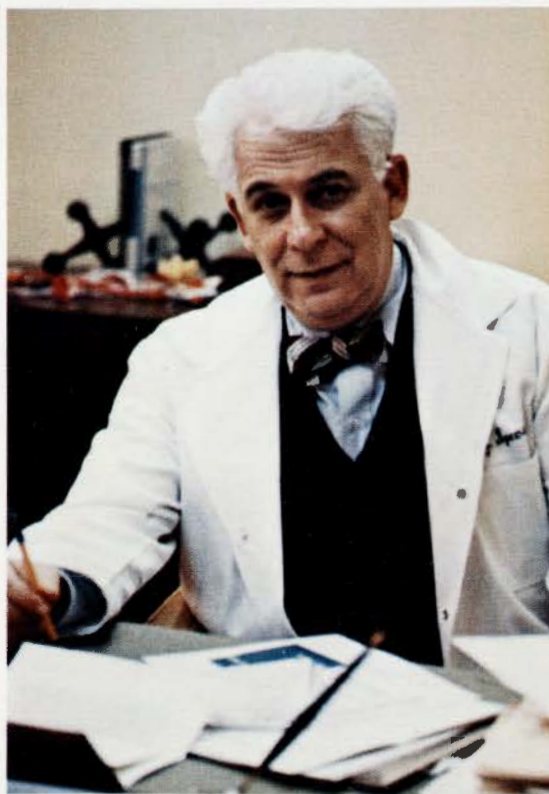
His lectured thoughts become a cherished textbook, worn by your constant re-assimilation. You read. You ponder. You remember the face of late night preparation. His deepened voice; his half closed eyes; the clapping hands at his lectures end, although unwritten remain

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



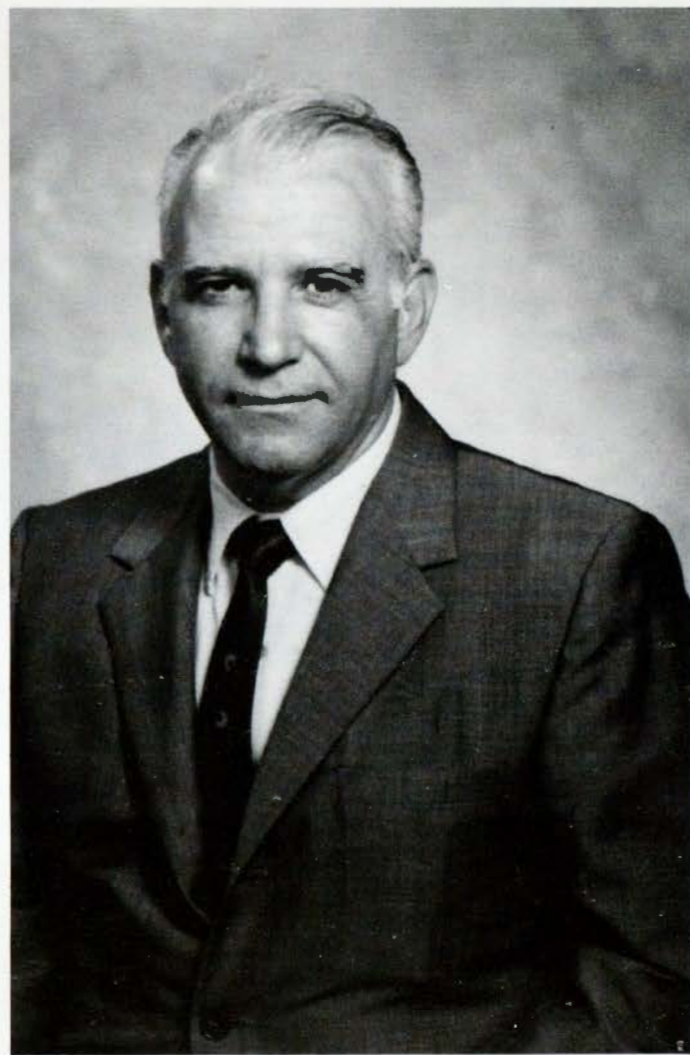


**Elizabeth Burrows, D.O.**

Dean

TO THE CLASS OF 1974 . . . . .

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



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

Associate Dean

Pre-Clinical Sciences

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 sunny 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.

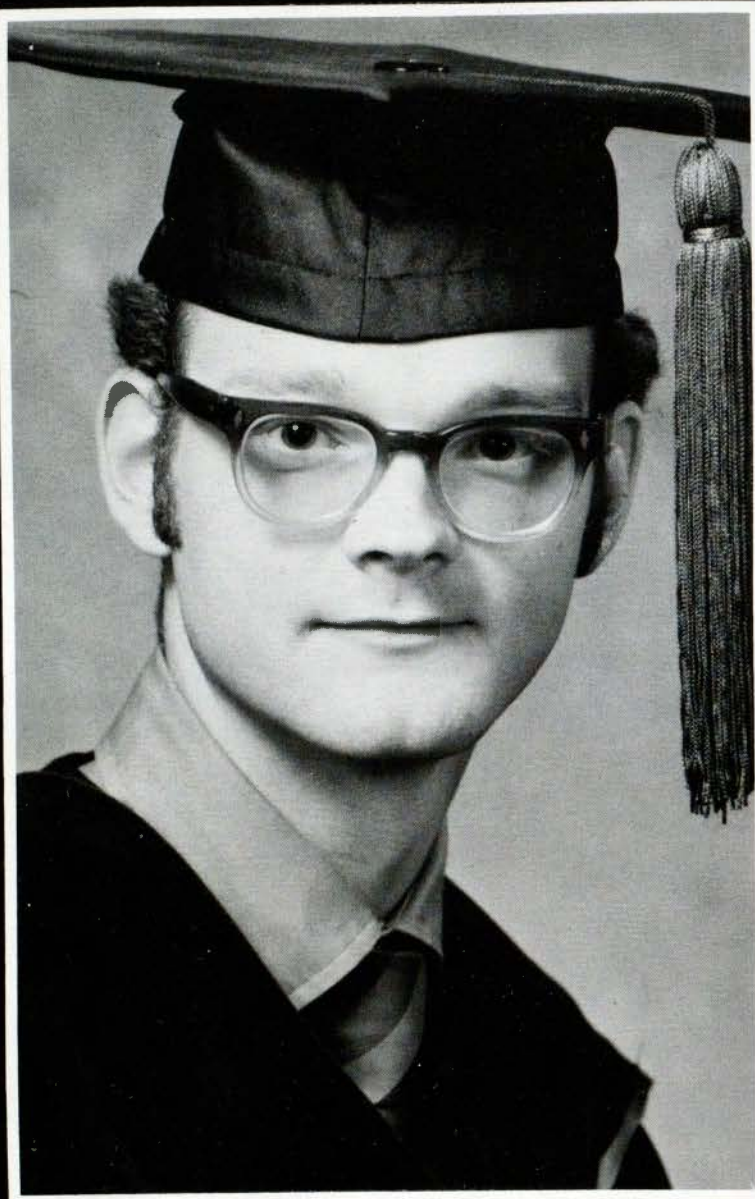
ELIZABETH R. BURROWS, D.O., FACOOP  
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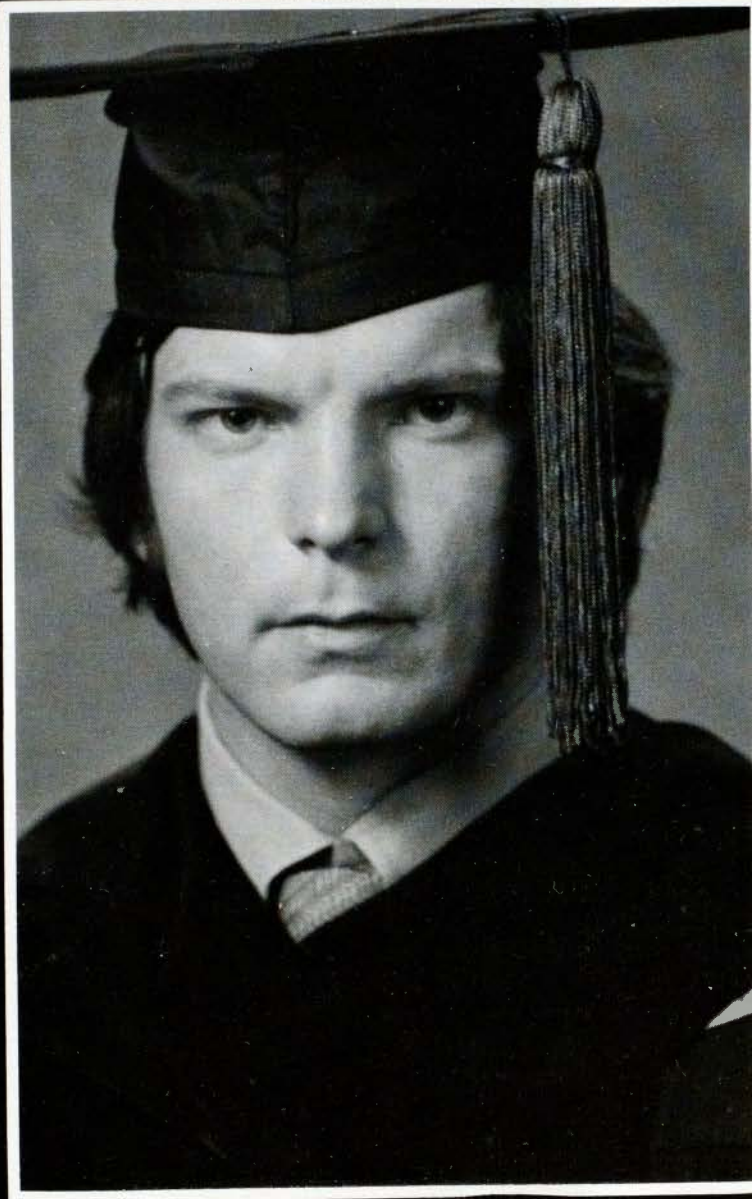
# Graduates 74





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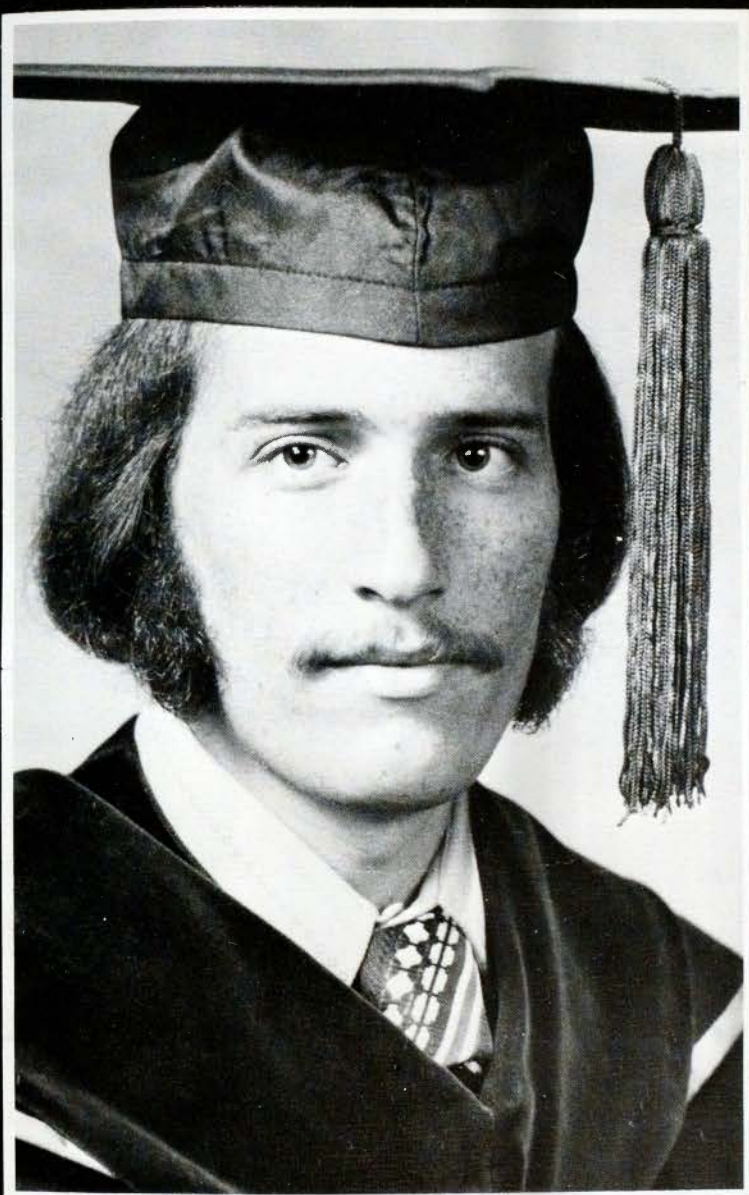
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SOMA National Delegate 1972

Atlas



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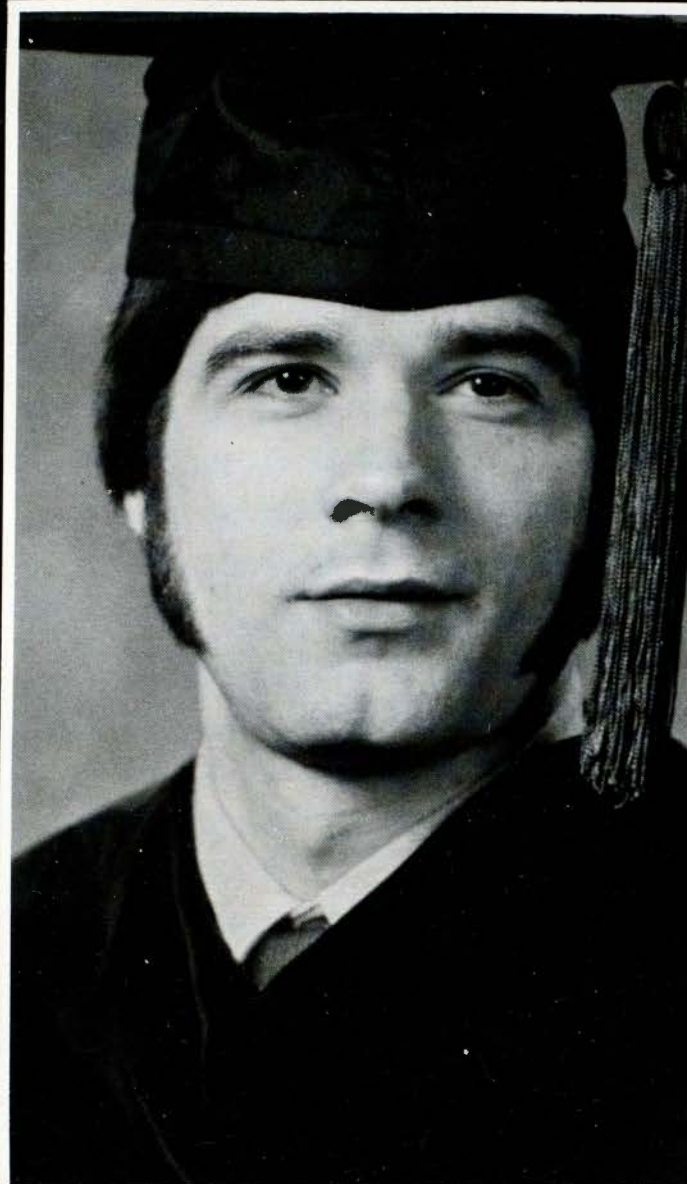
Des Moines, Iowa

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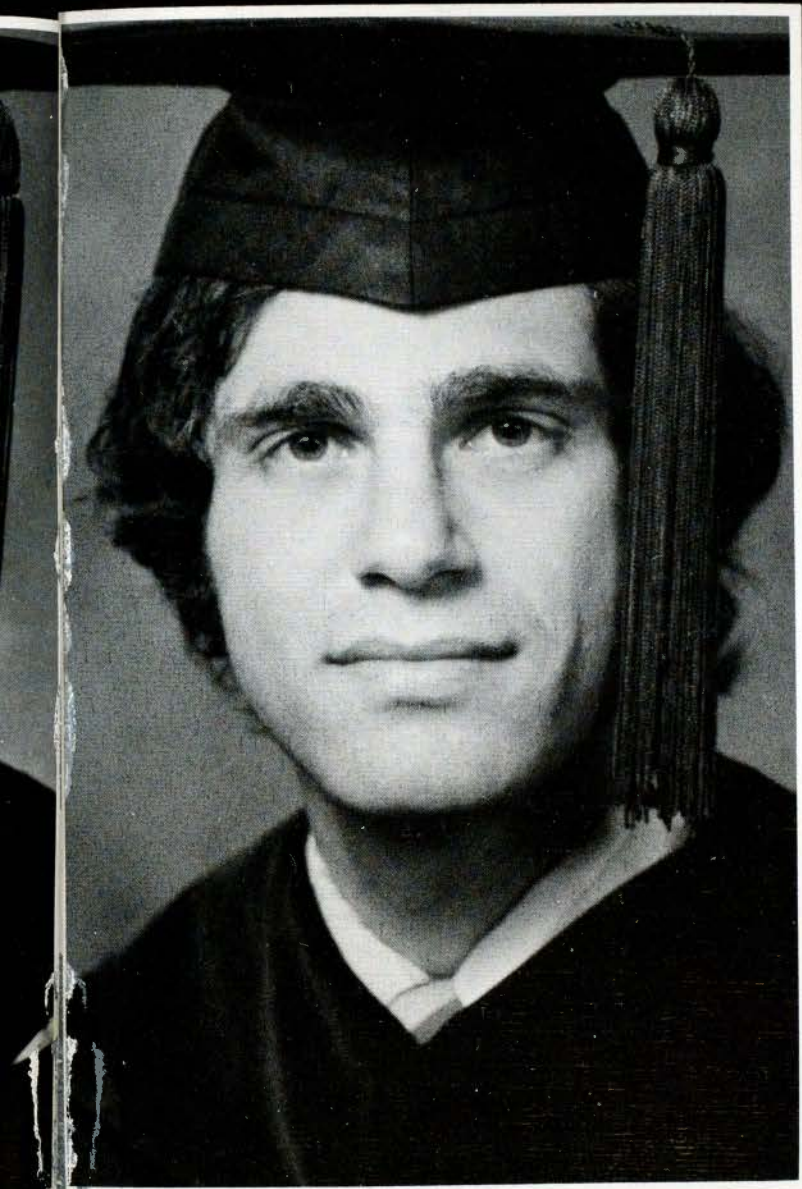


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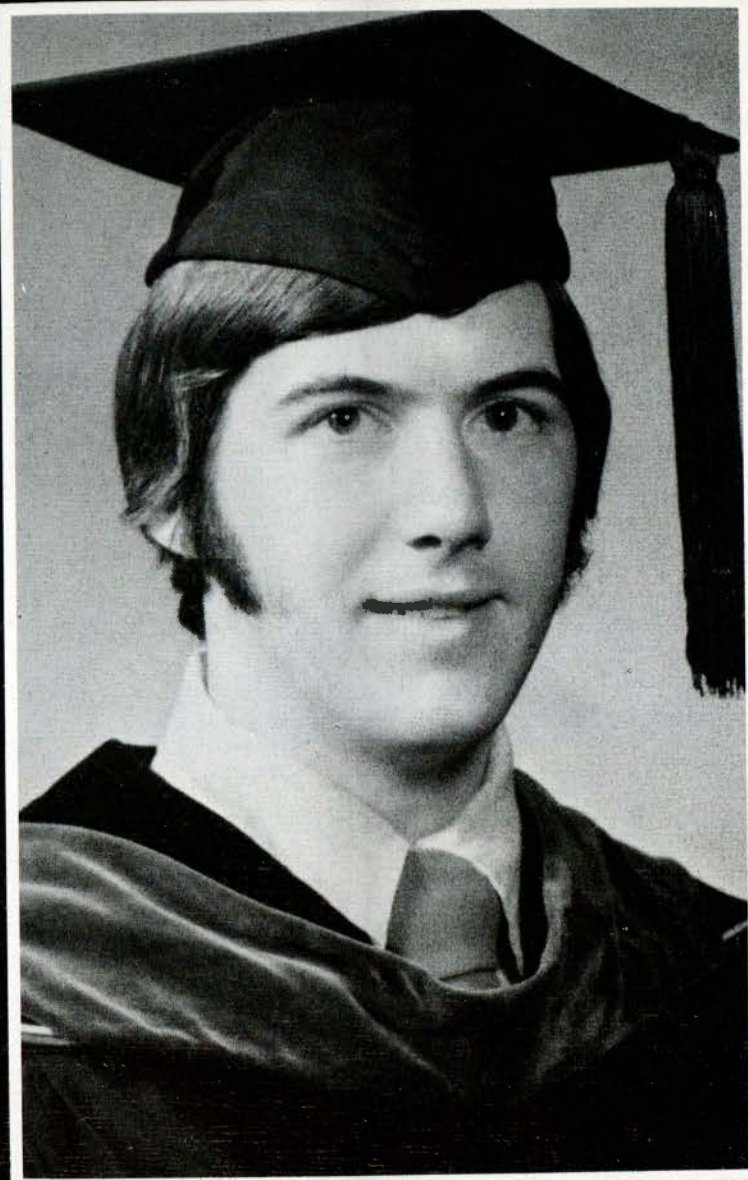
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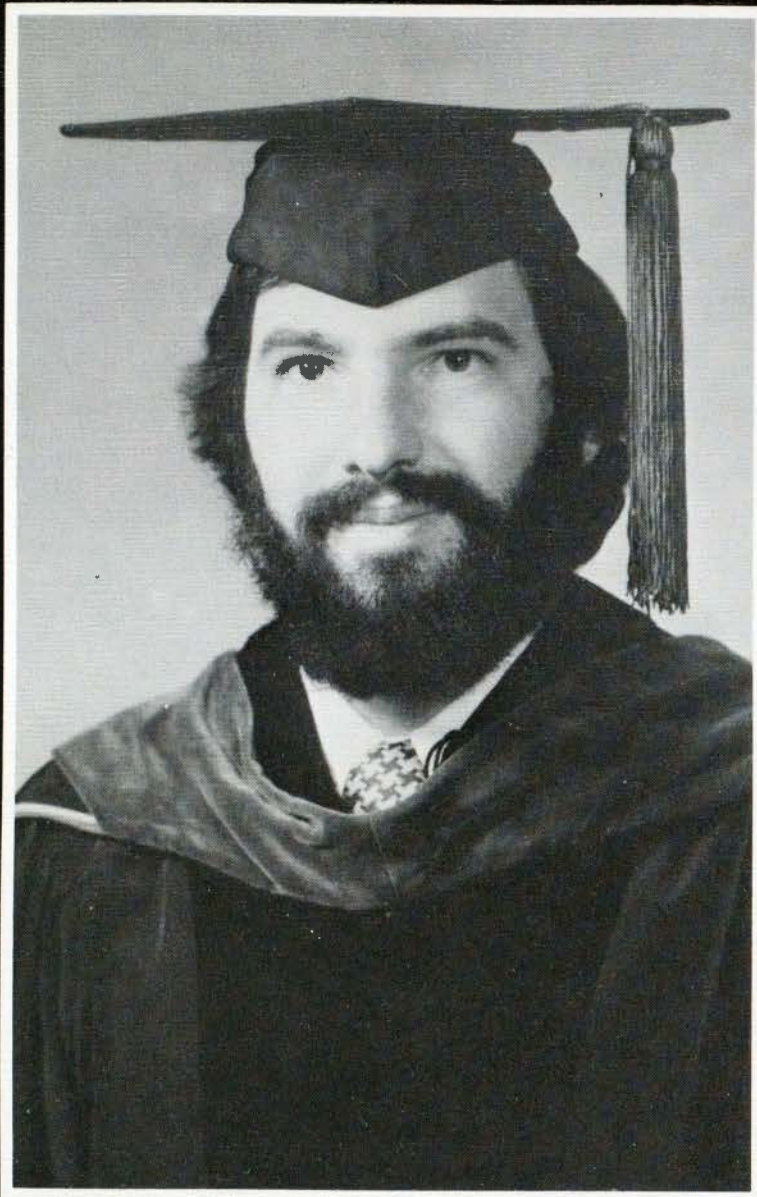
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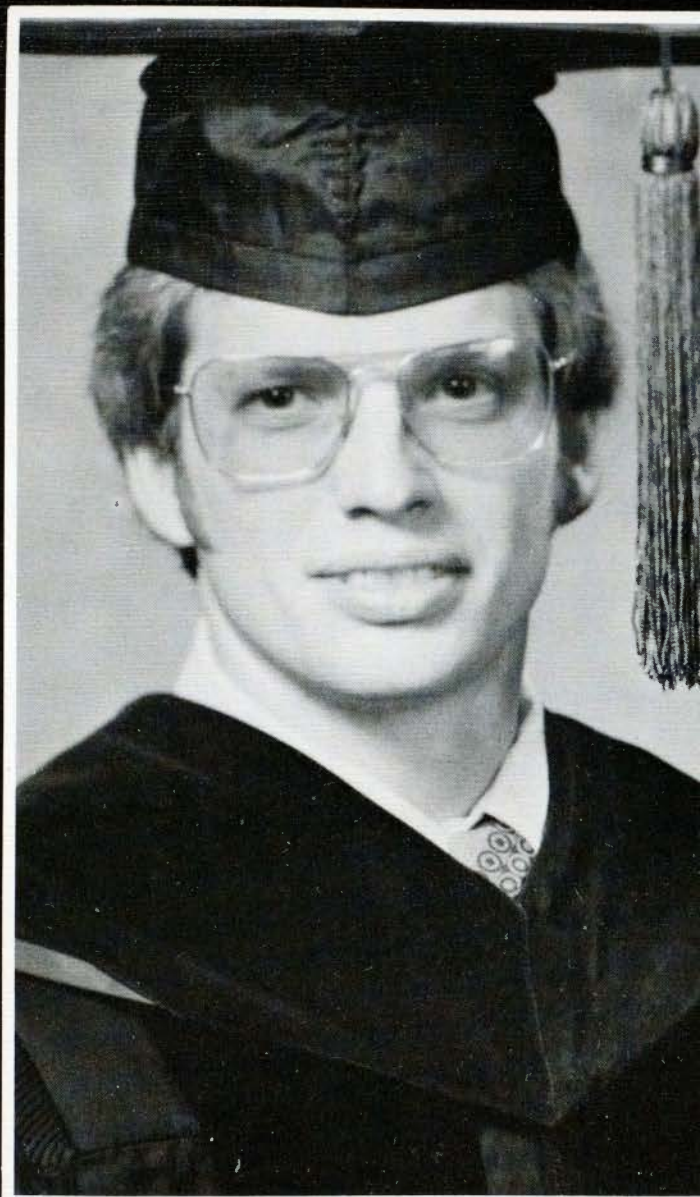
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Student Council - Treasurer  
Class Treasurer





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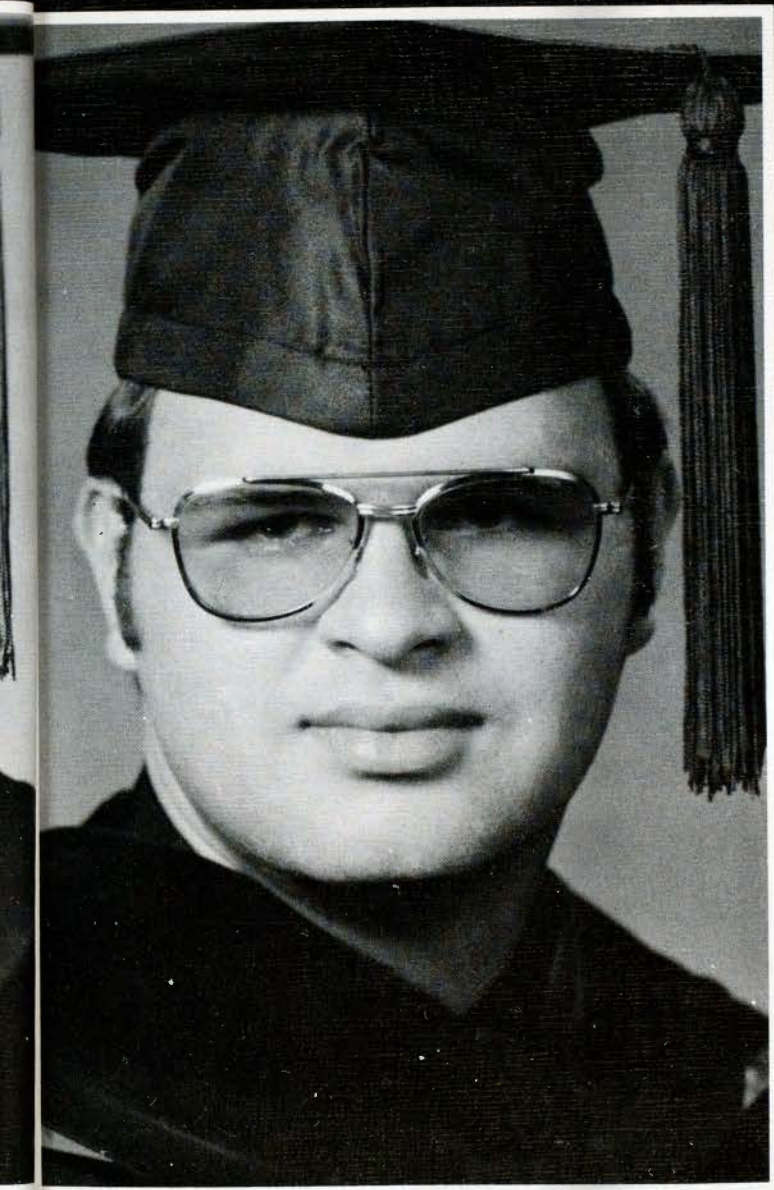
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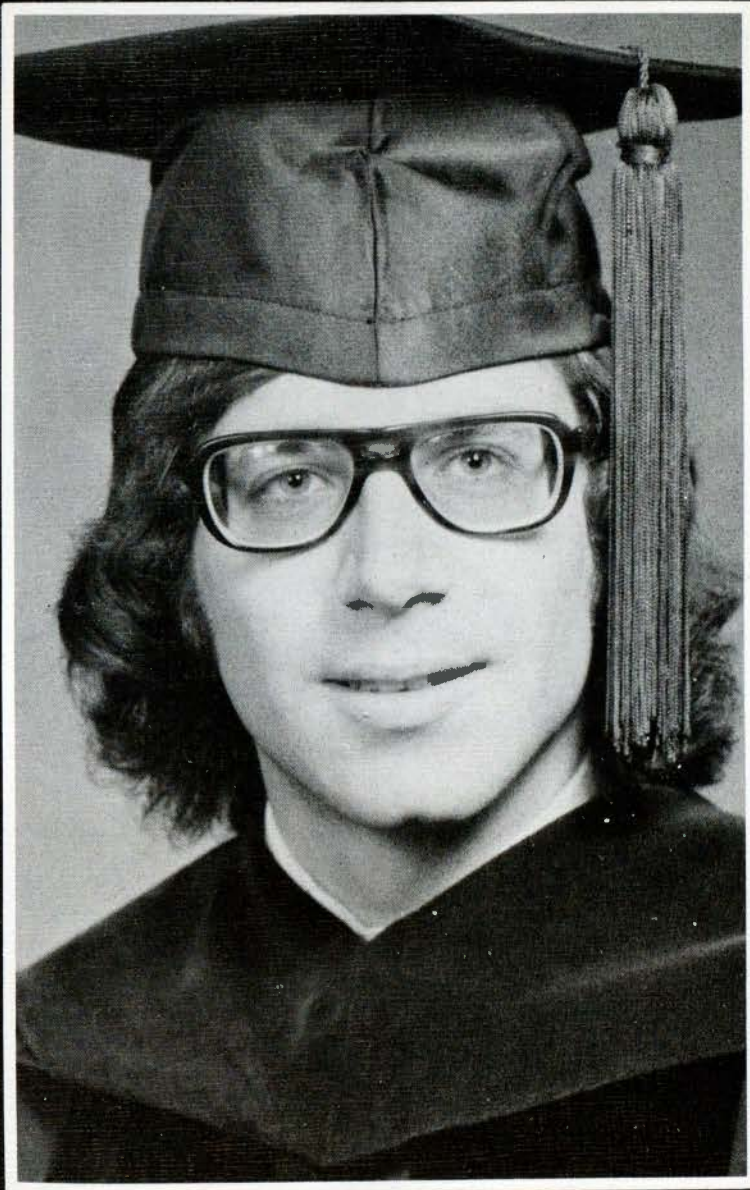
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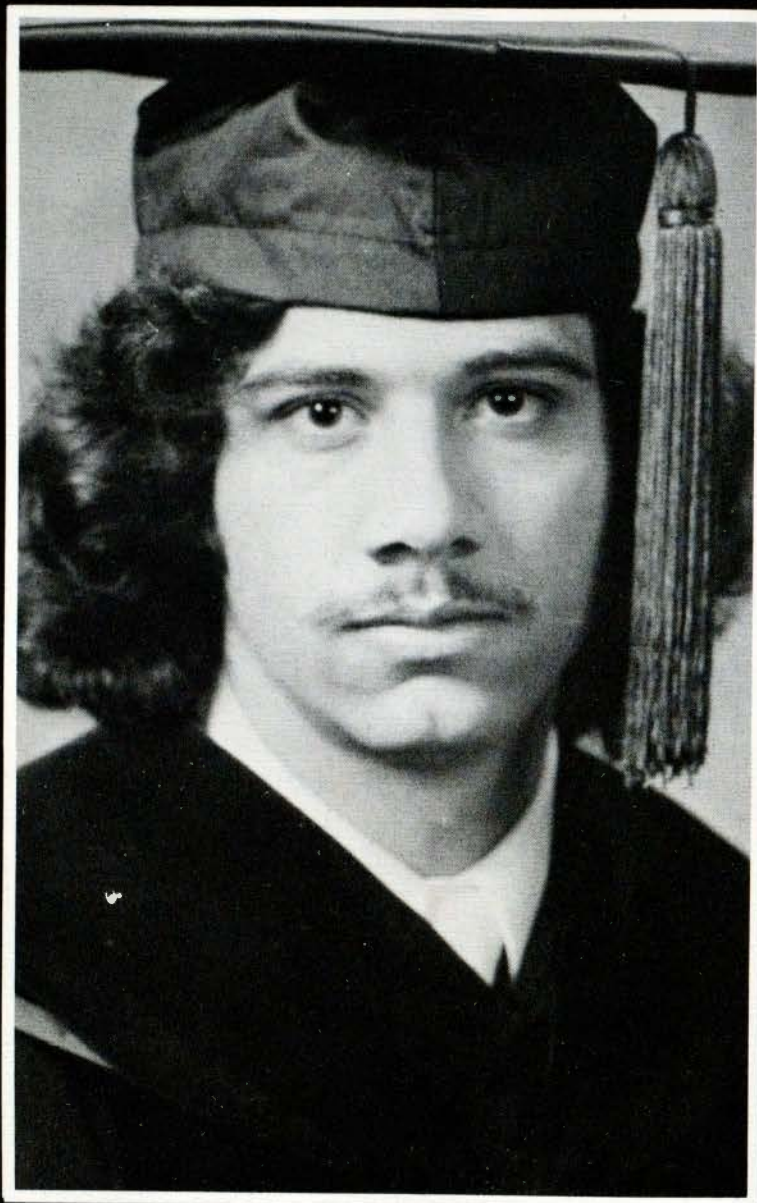
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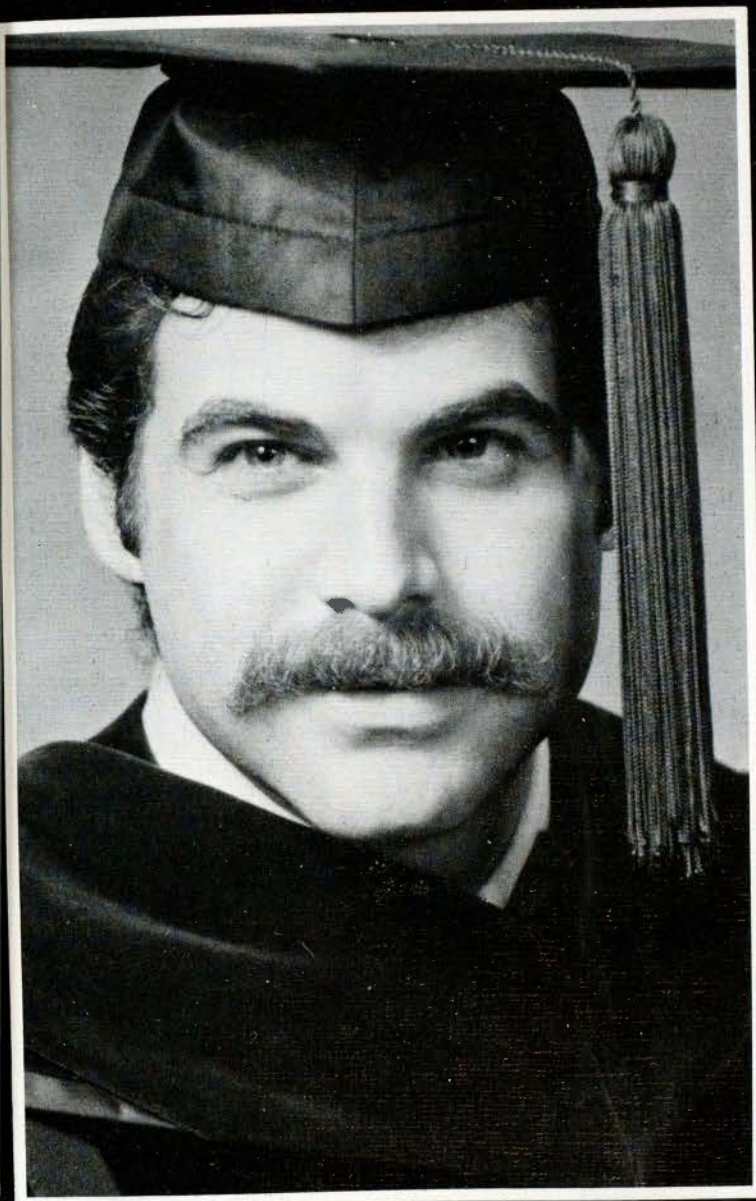


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 SOMA National Delegate - 1972  
 Atlas

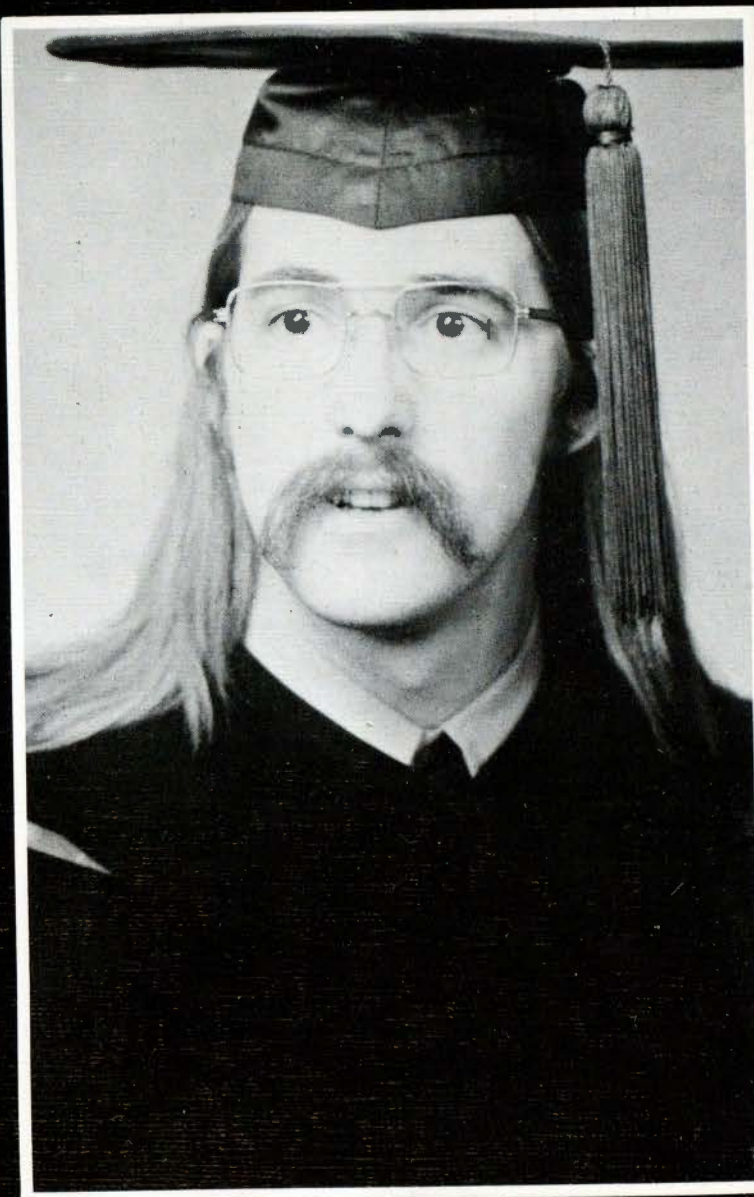


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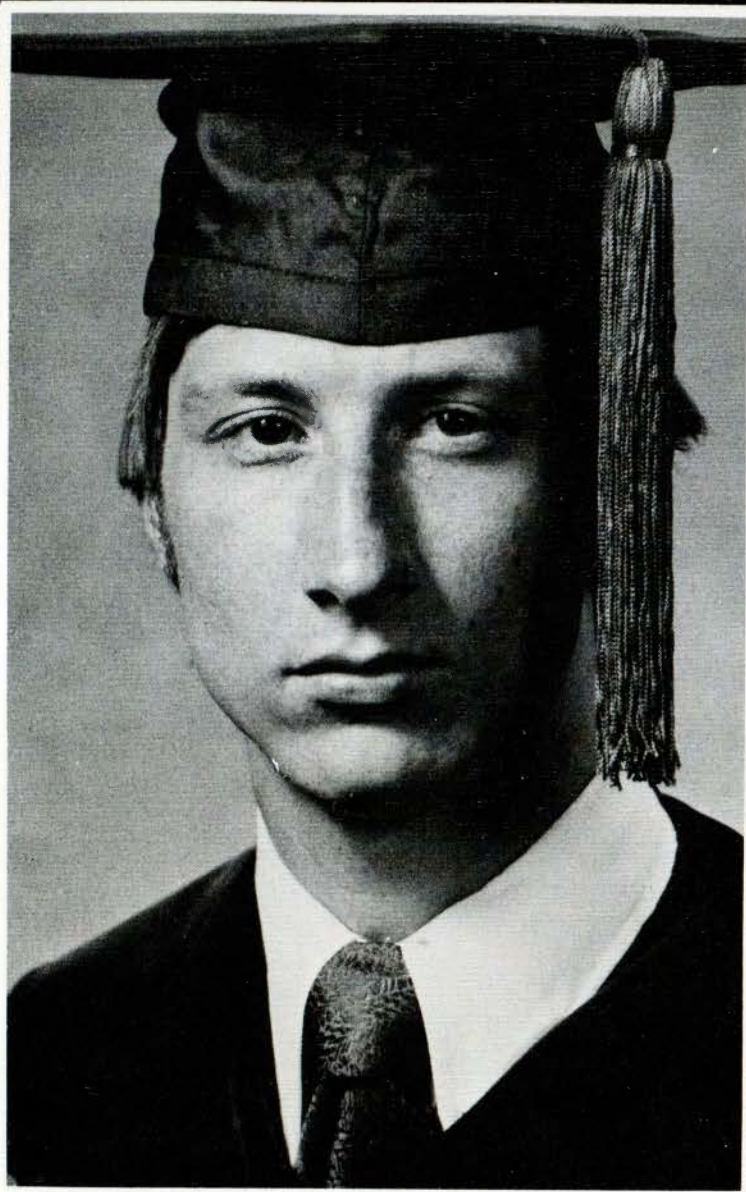


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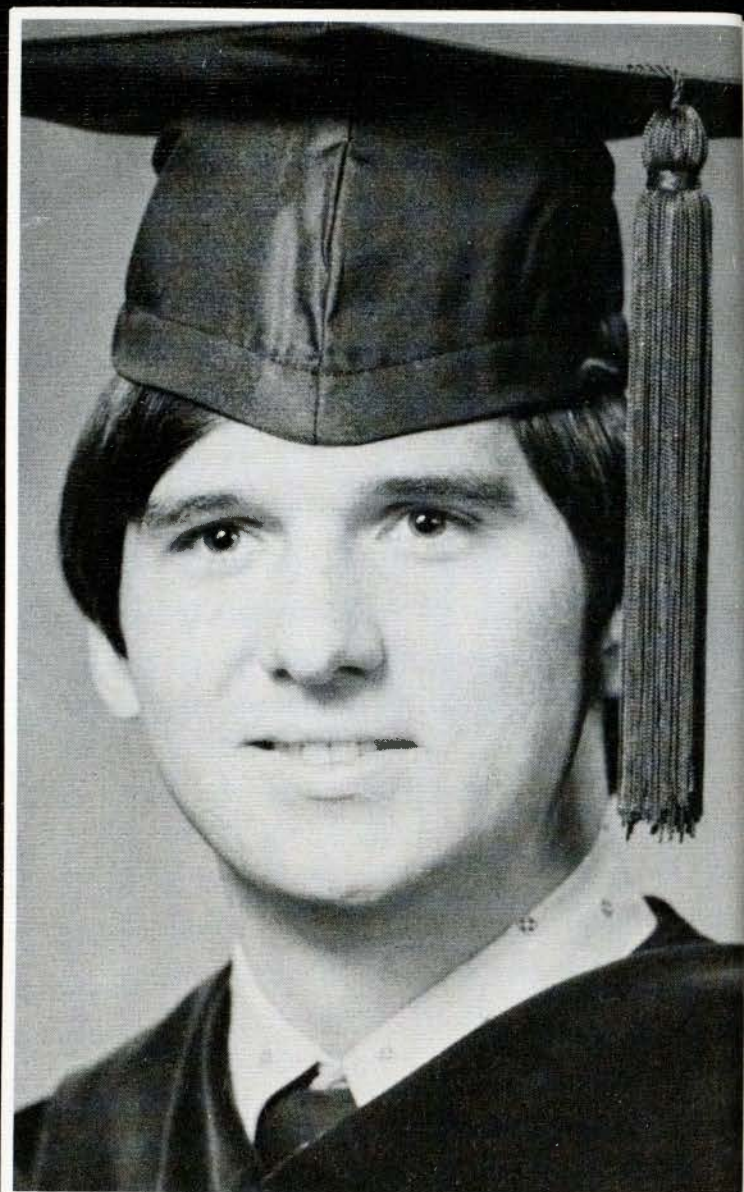


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 Anatomy Lab Instructor



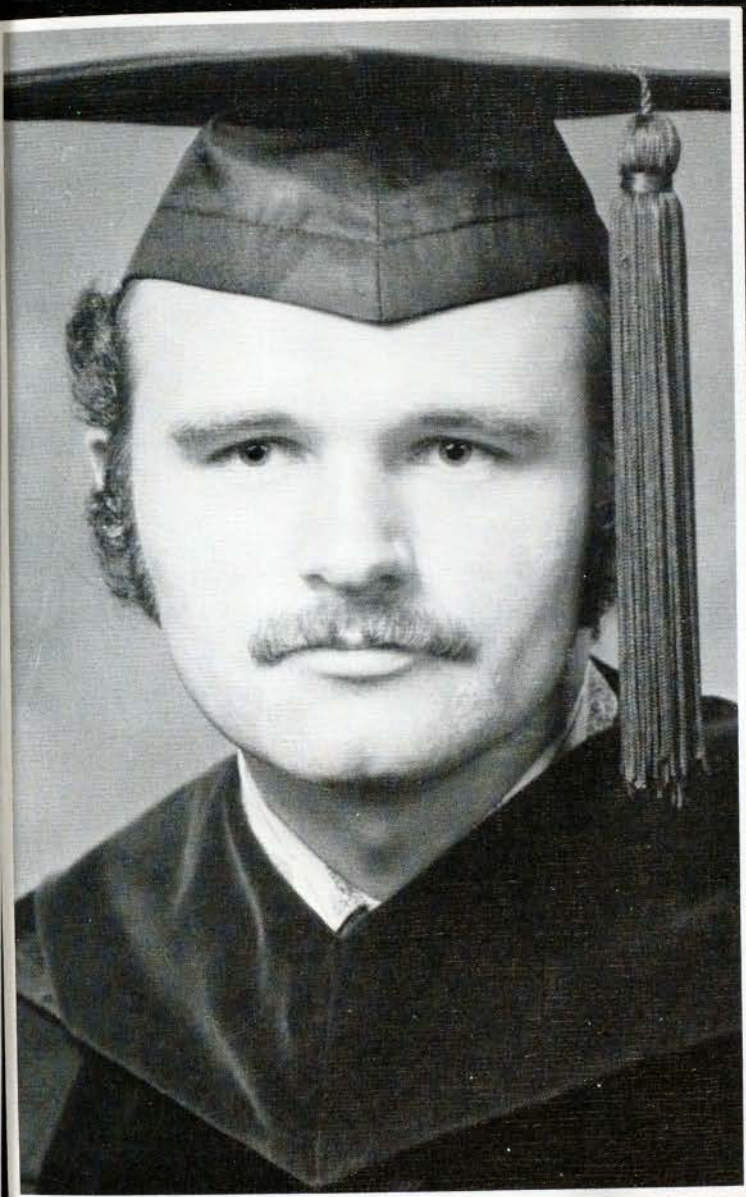


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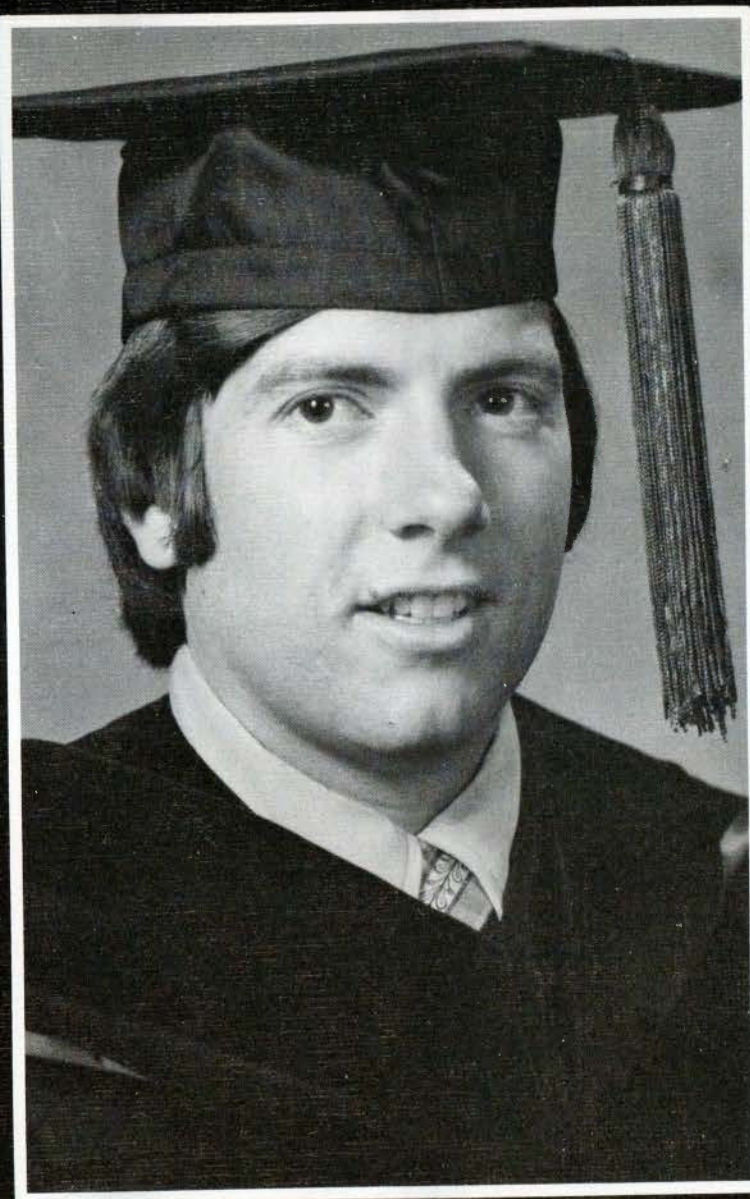


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Columbus, Ohio  
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UAAO-President  
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Student AOA



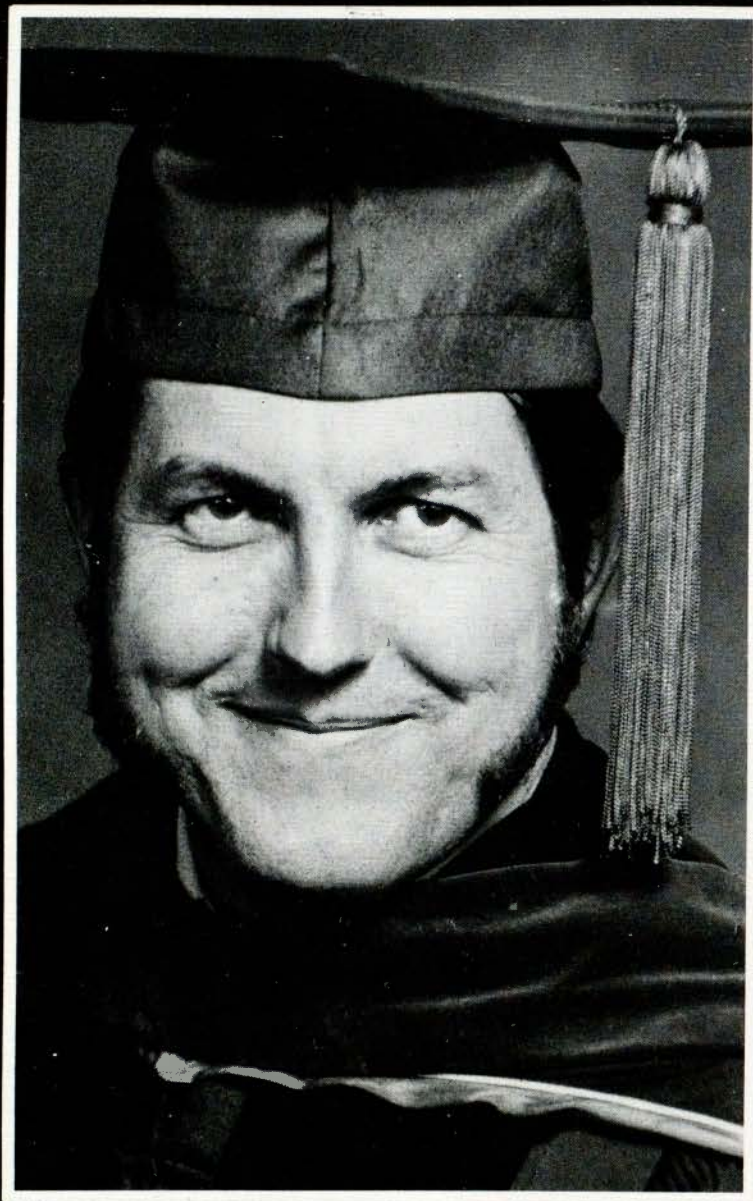


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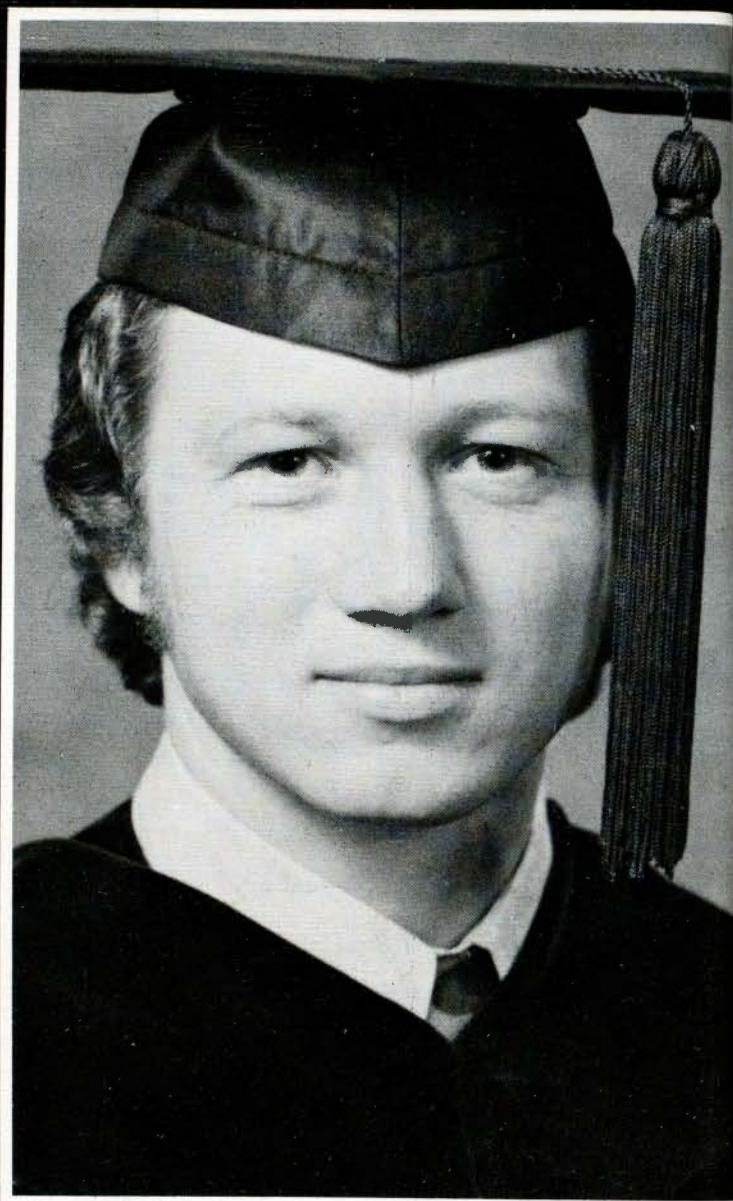
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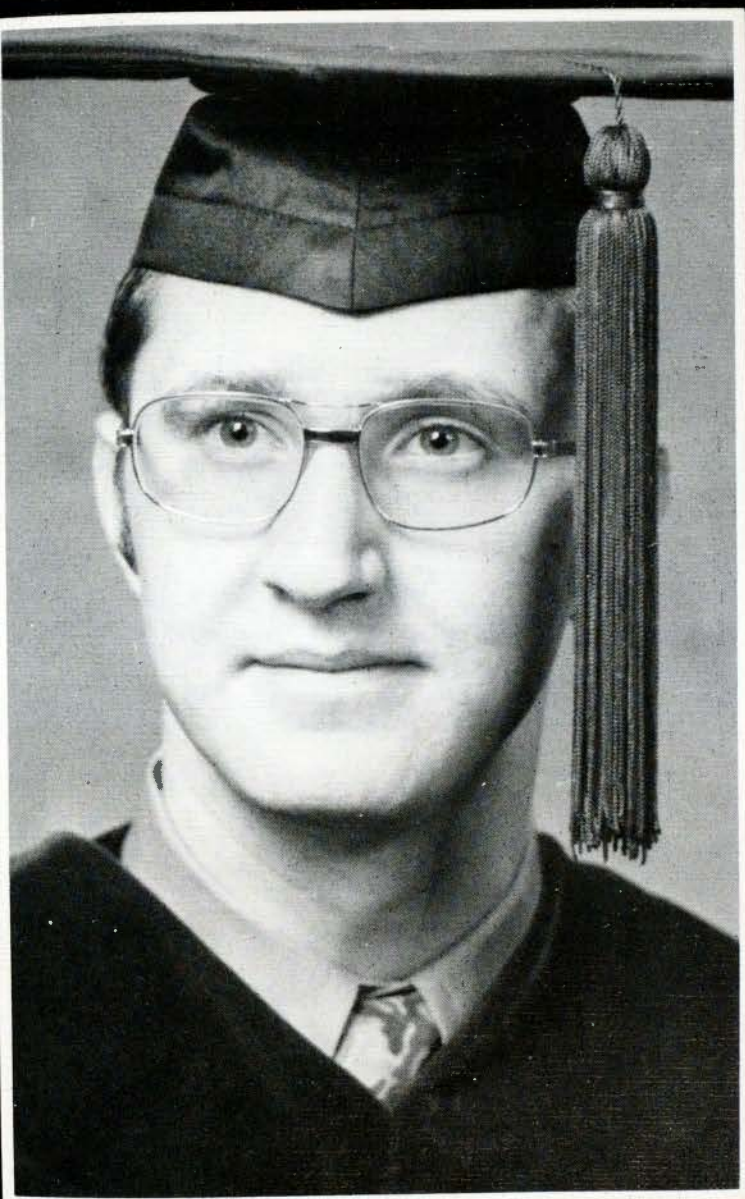
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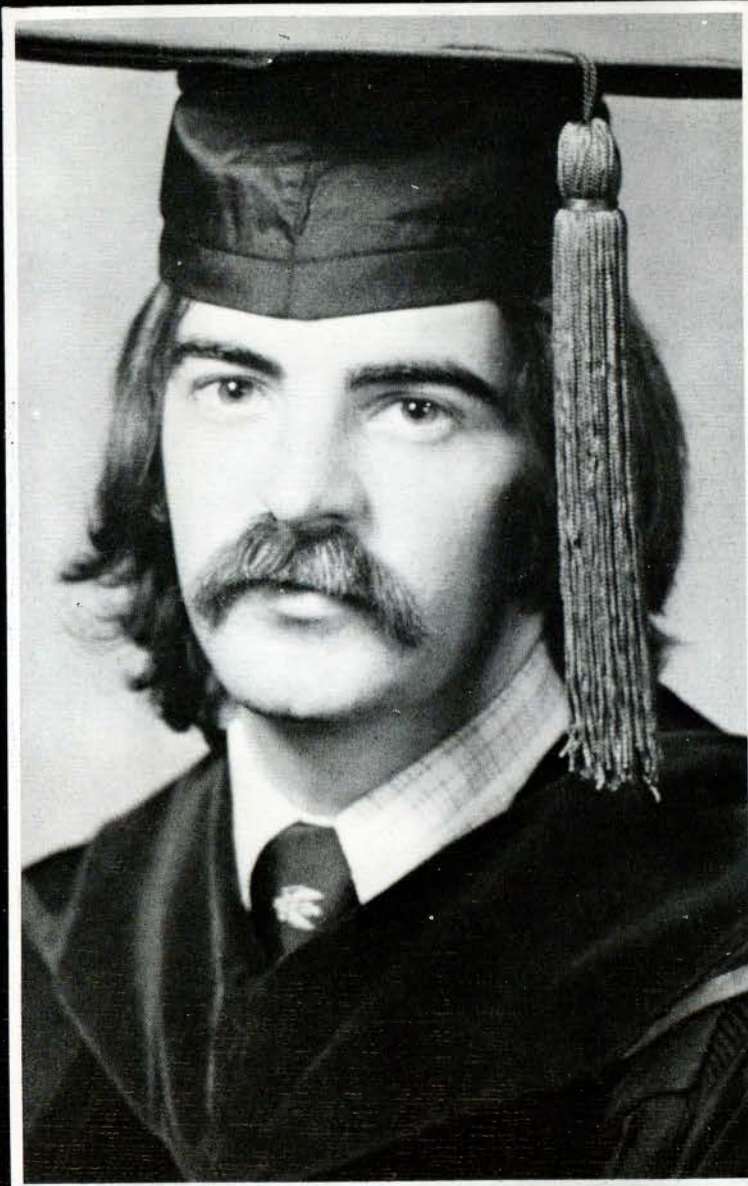
Tulsa, Oklahoma





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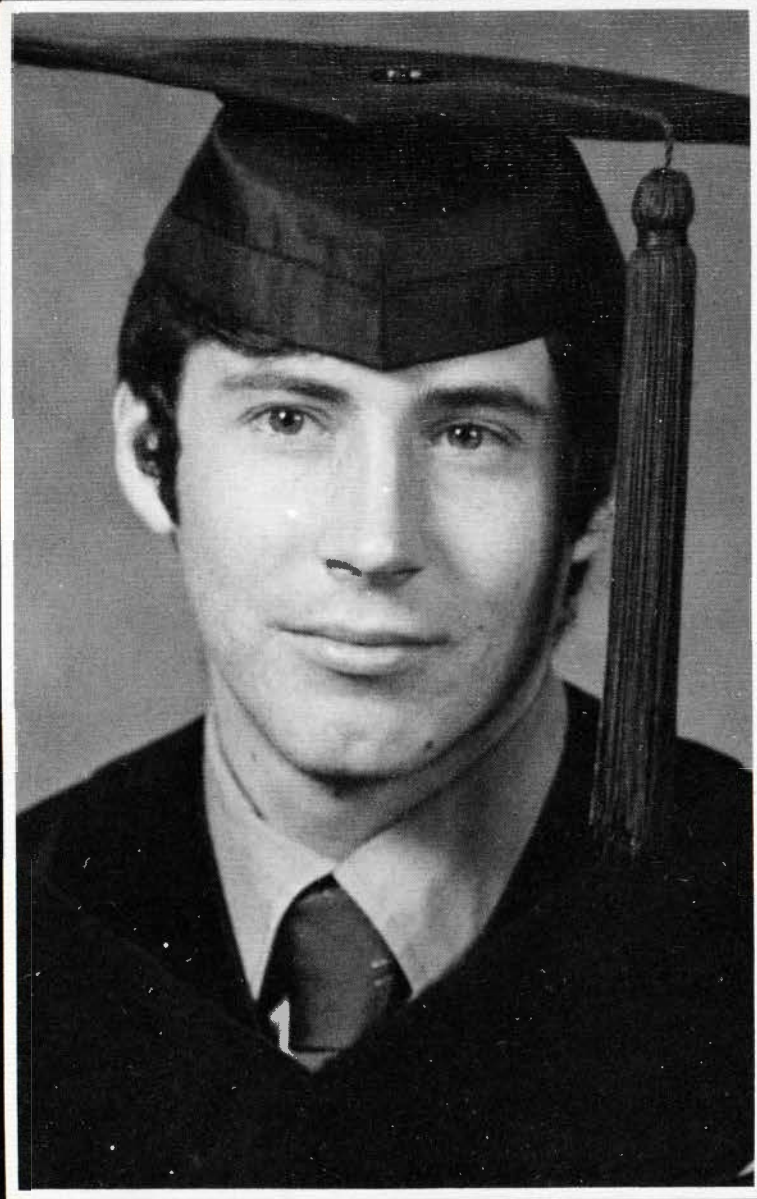
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Liaison Officer U.S.A.F.



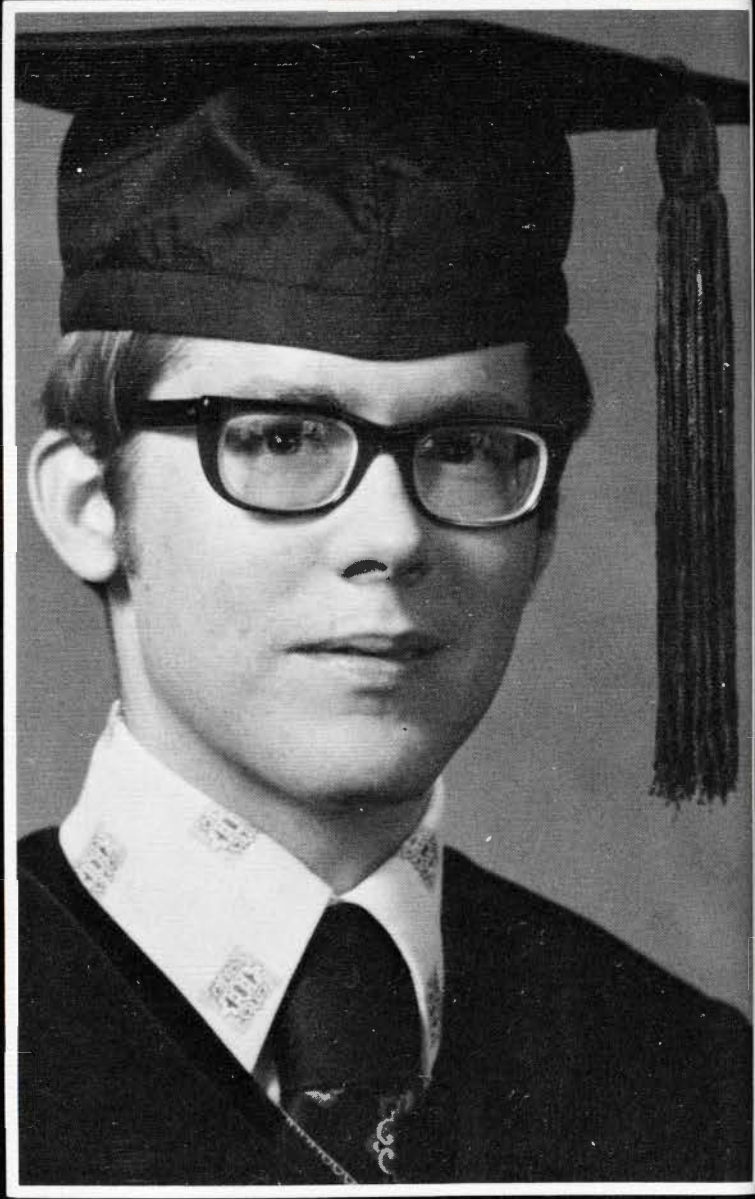
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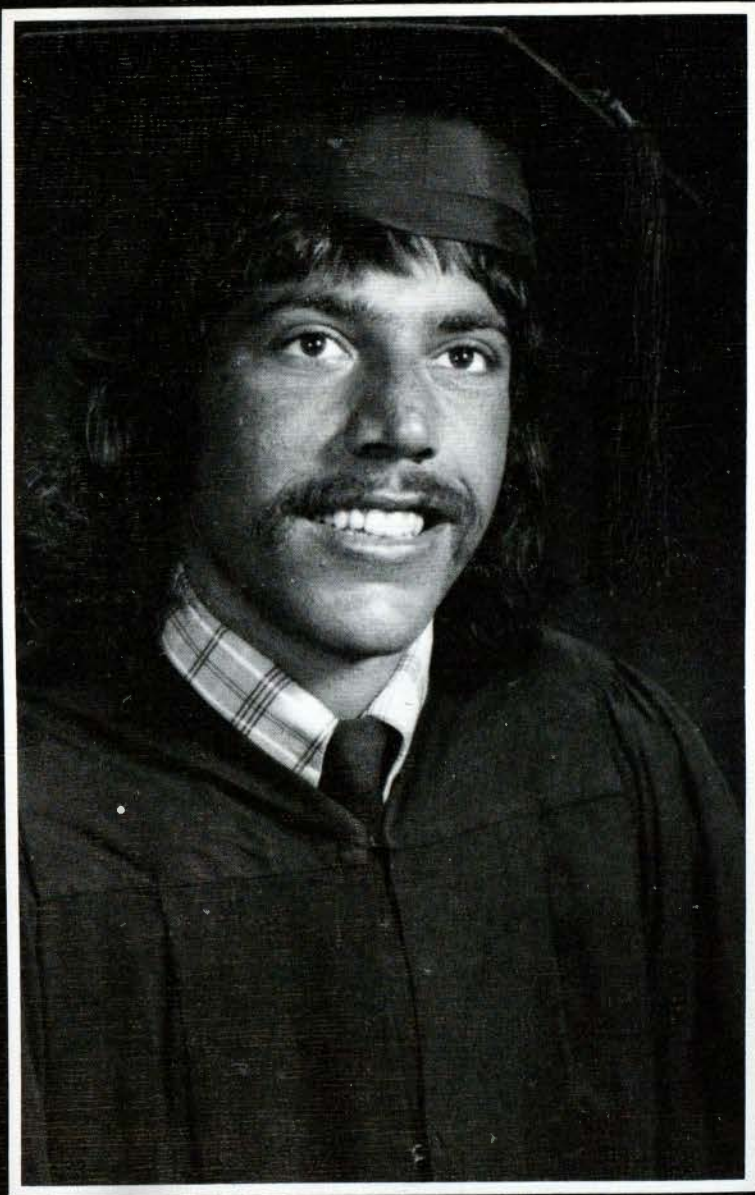
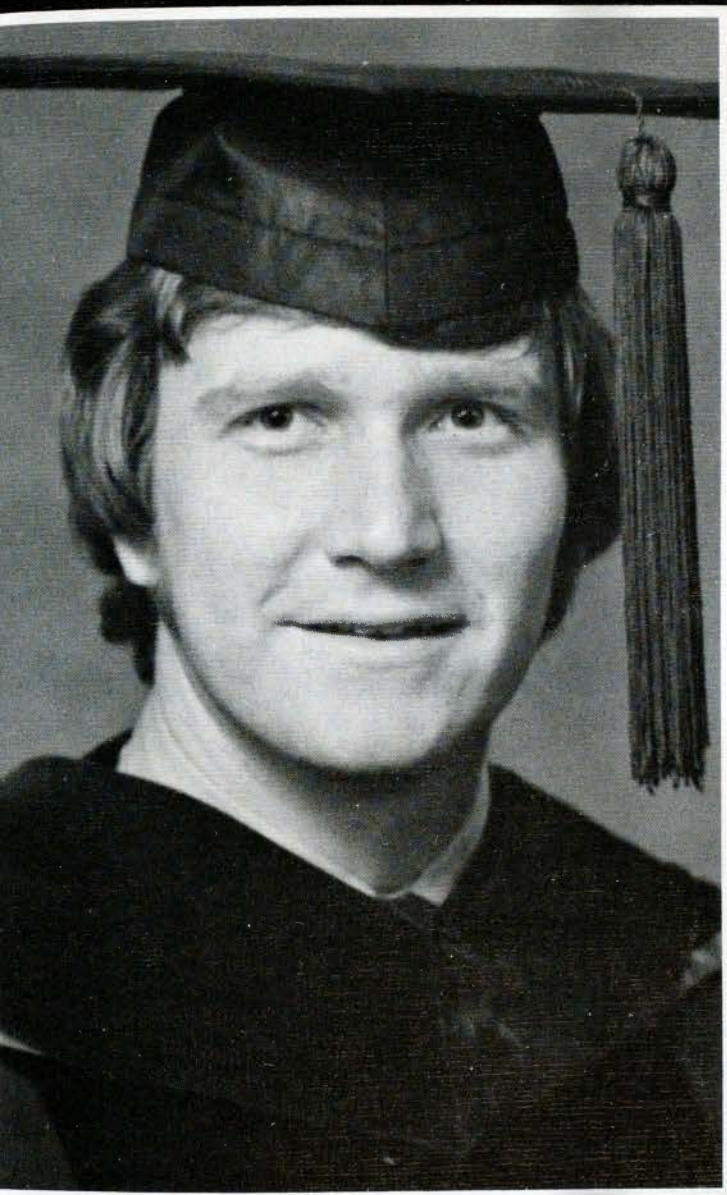


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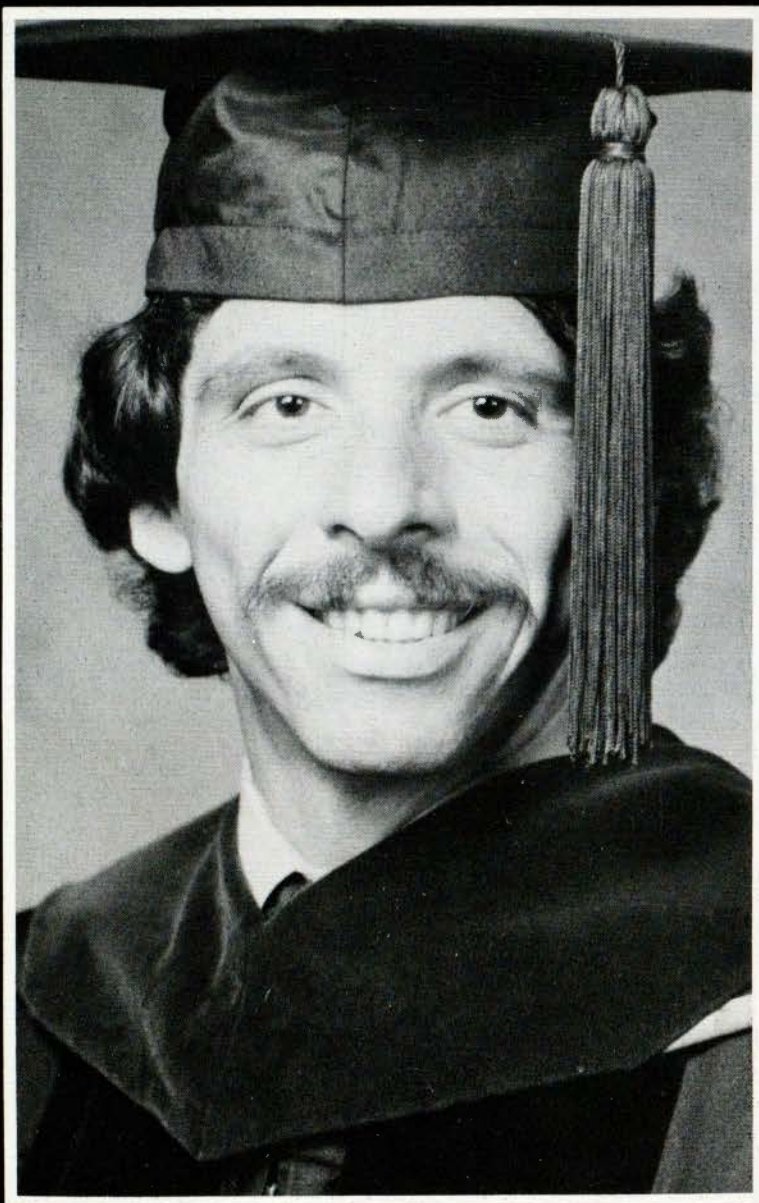
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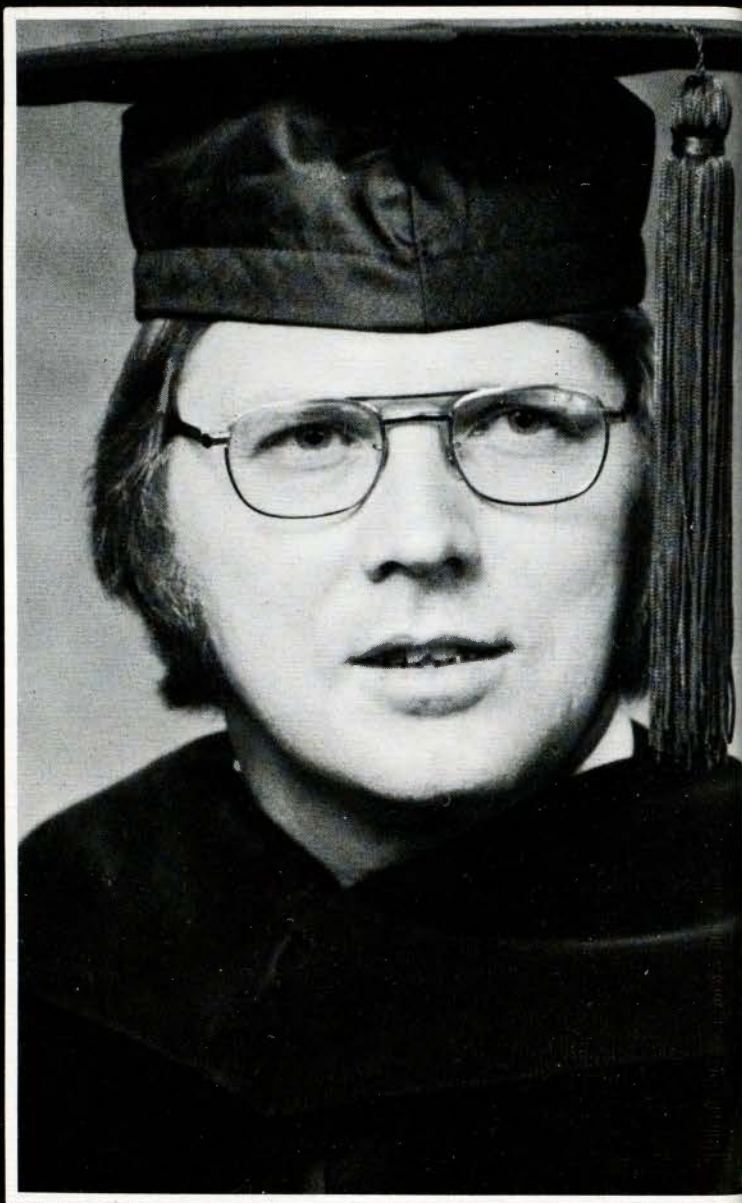
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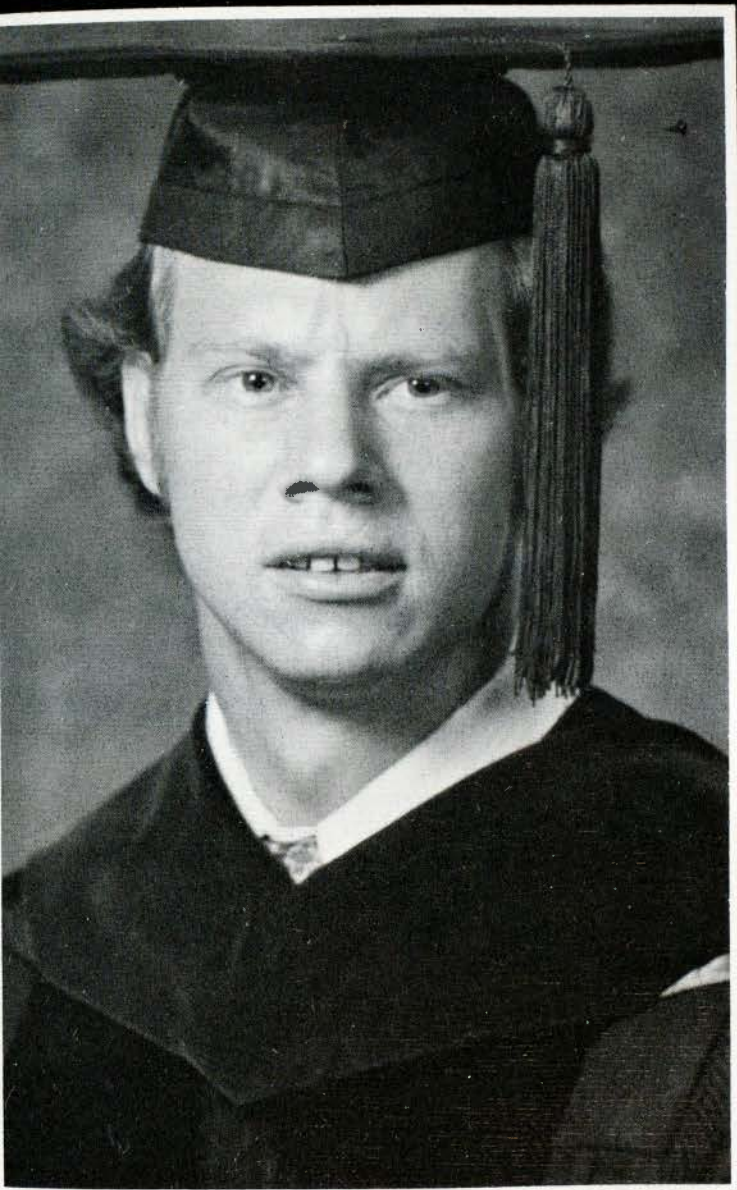


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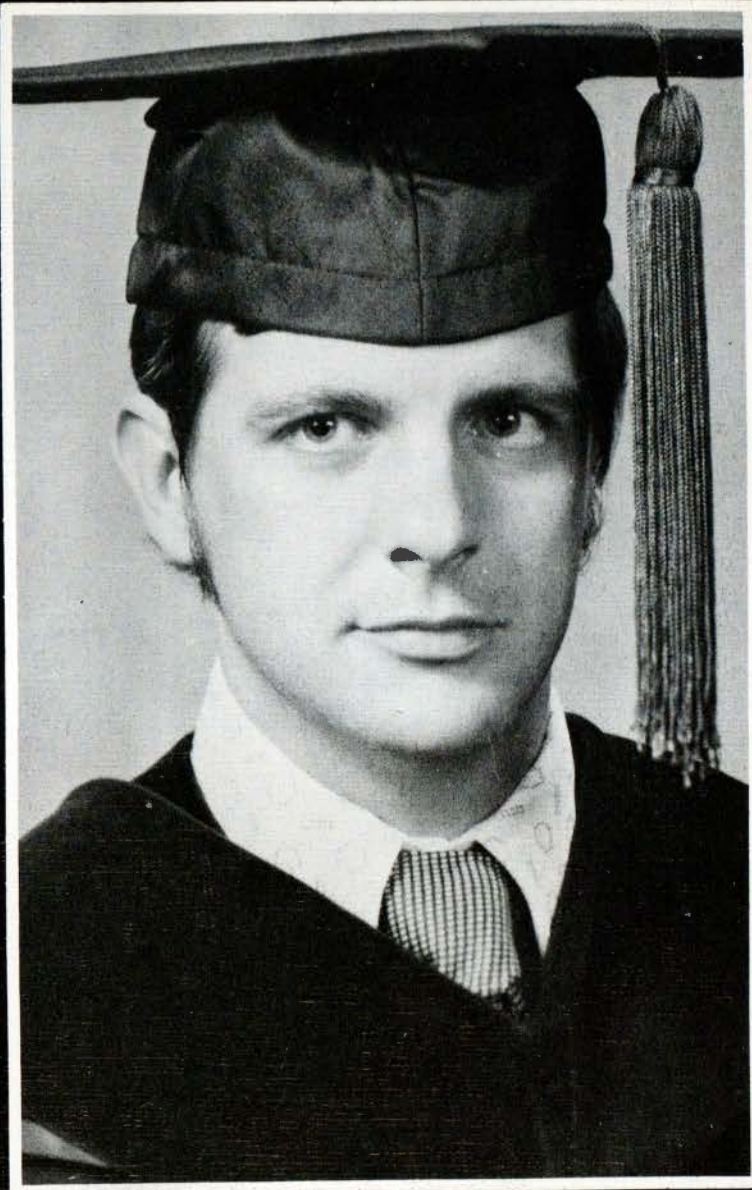


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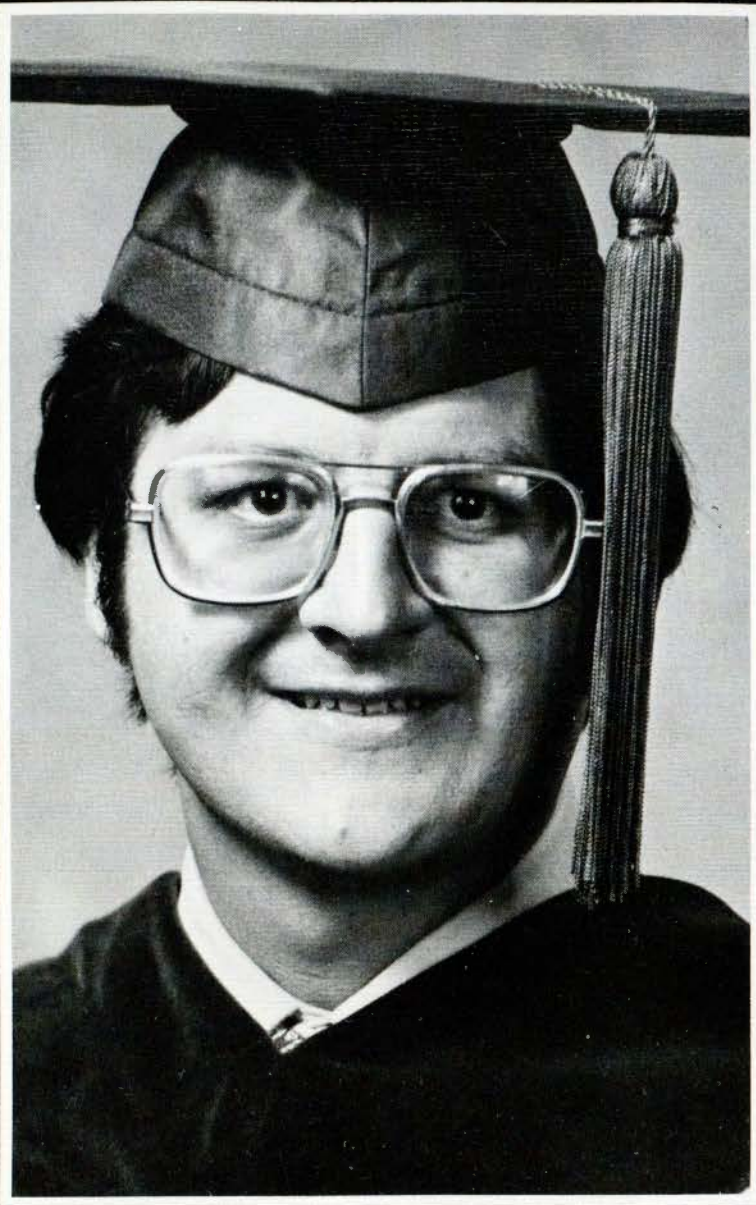


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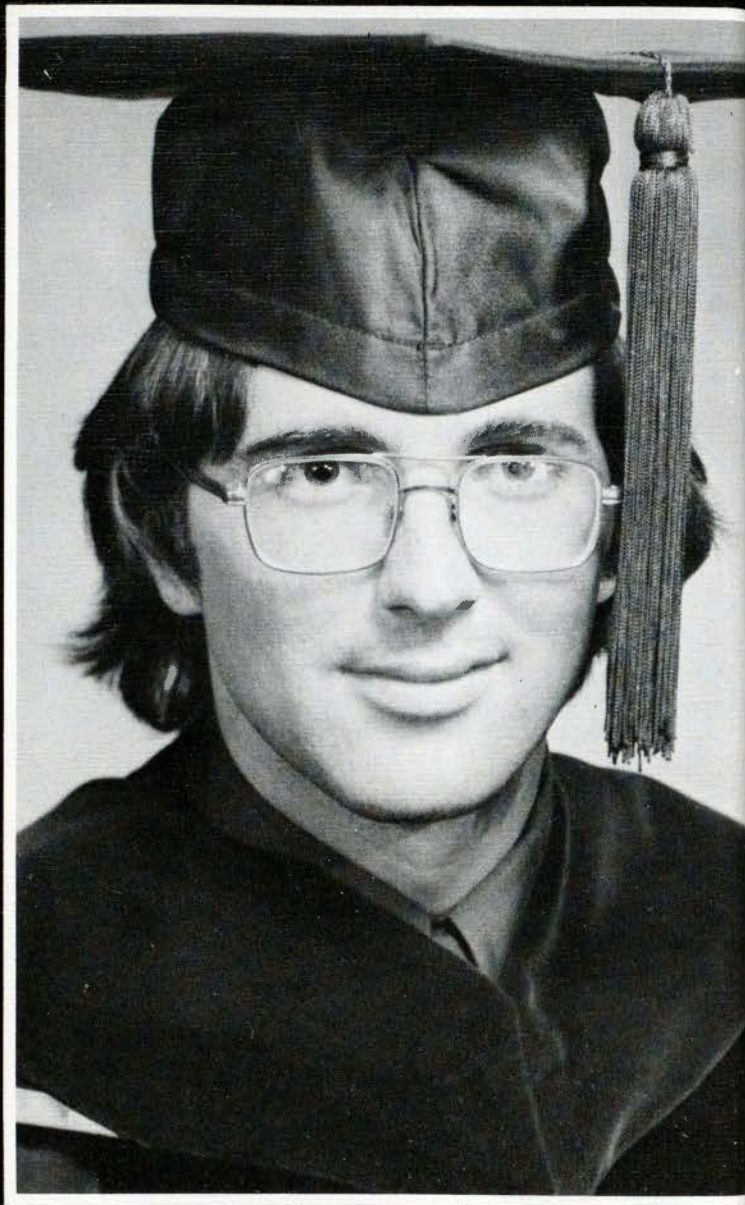
**ALBERT K. HARVEY, D.O.**  
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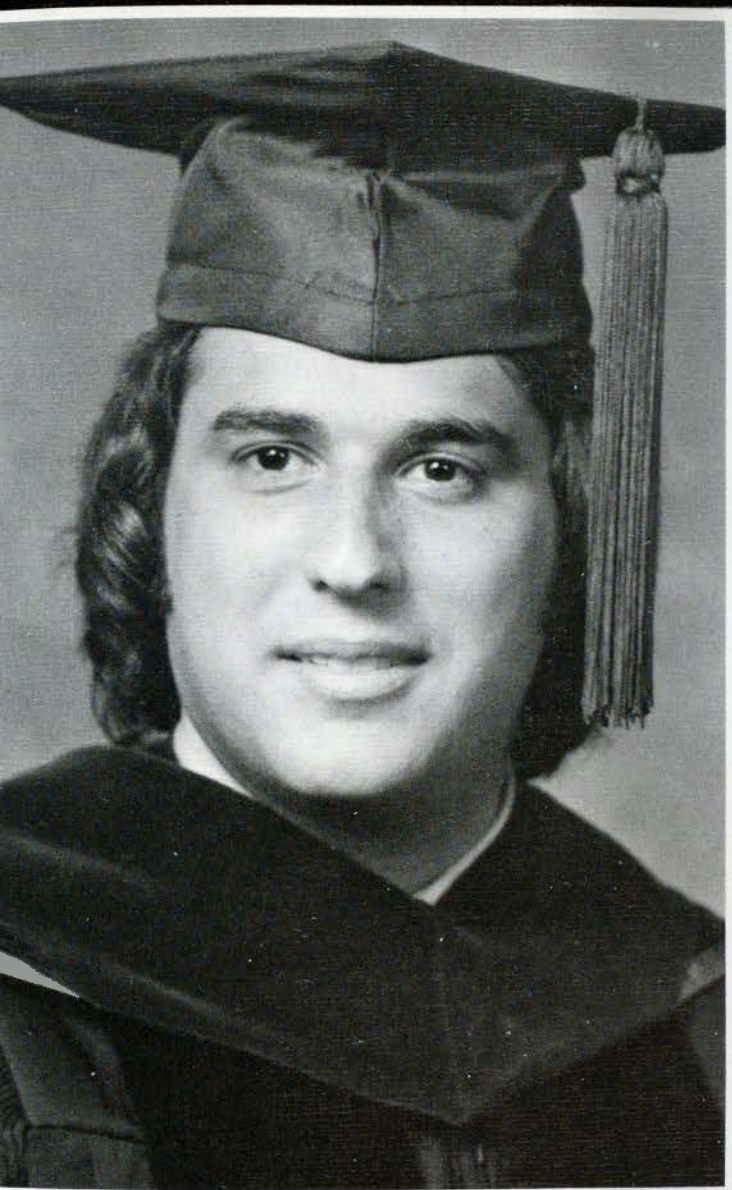
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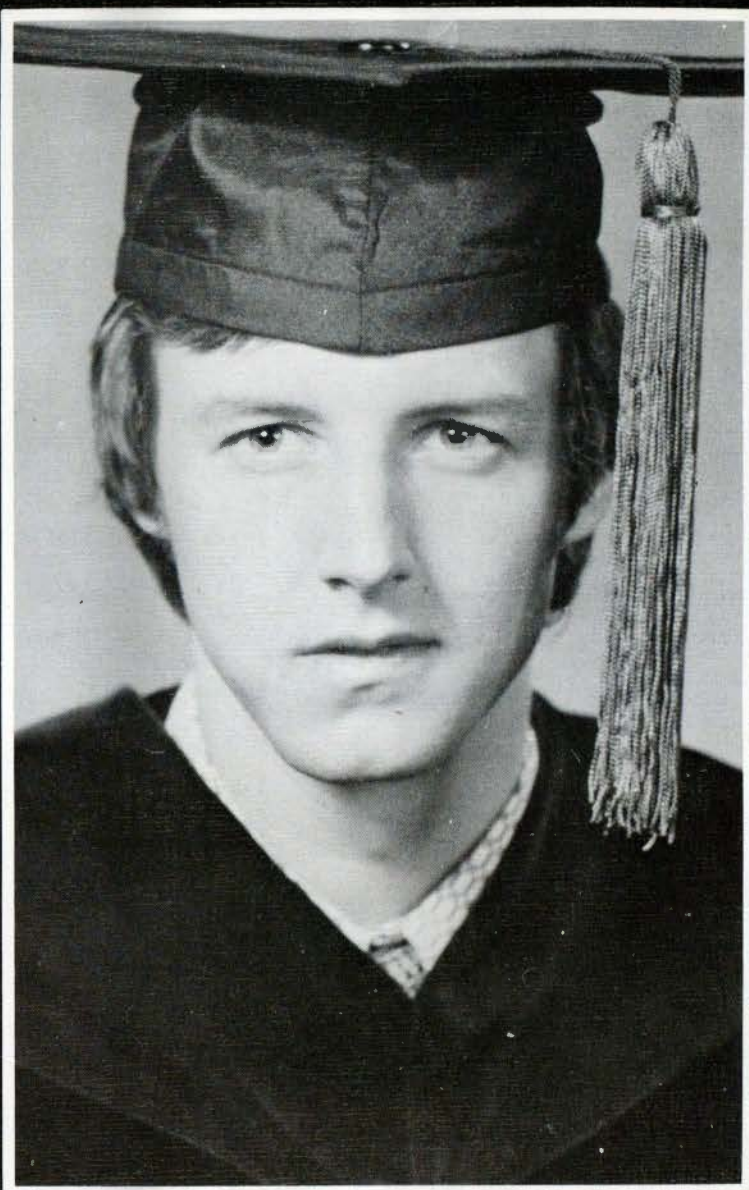
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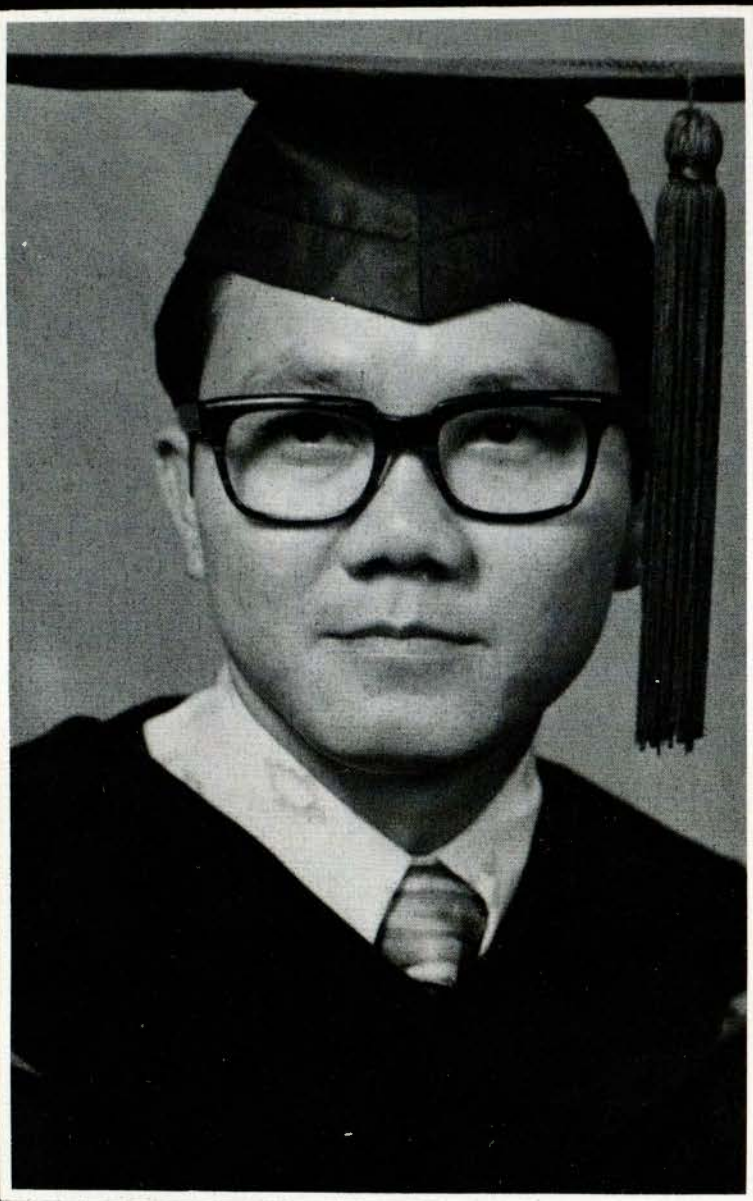
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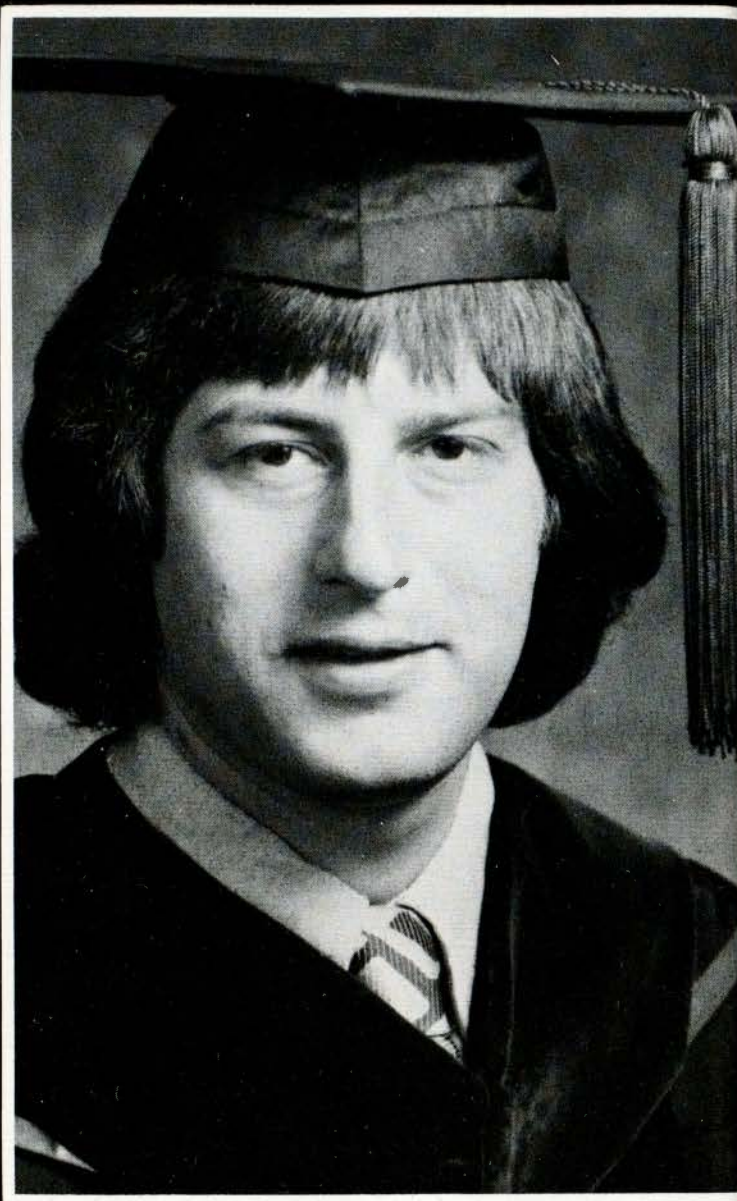
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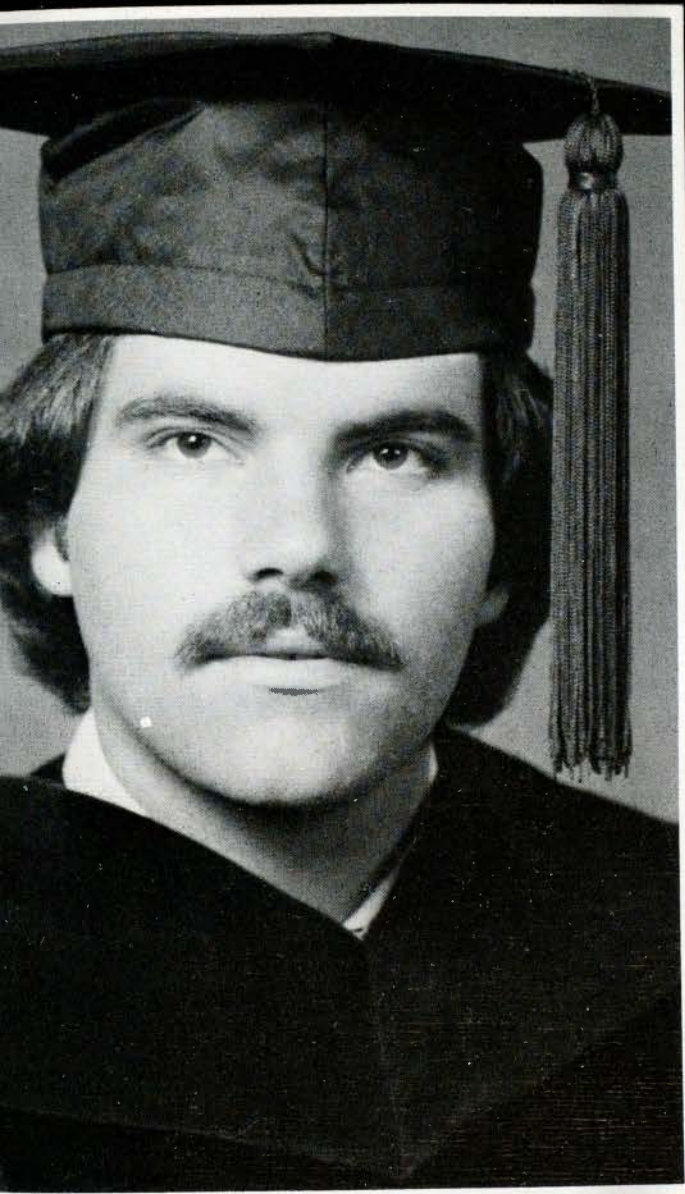


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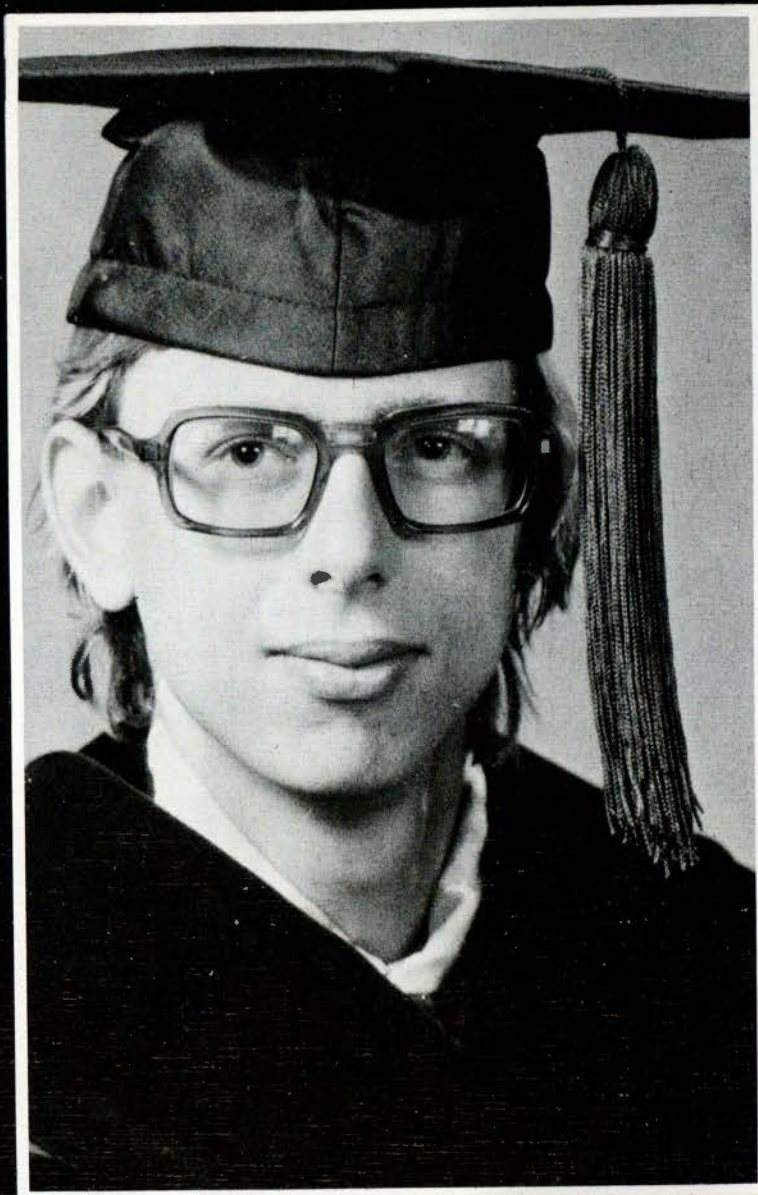


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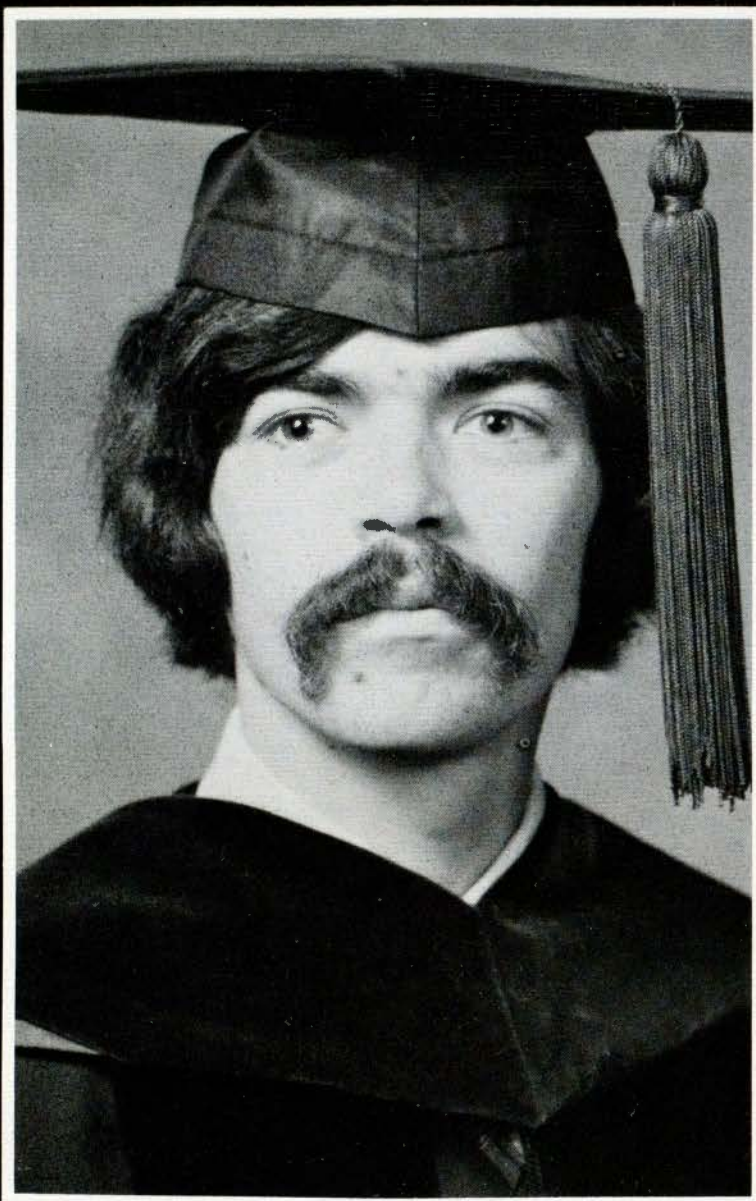


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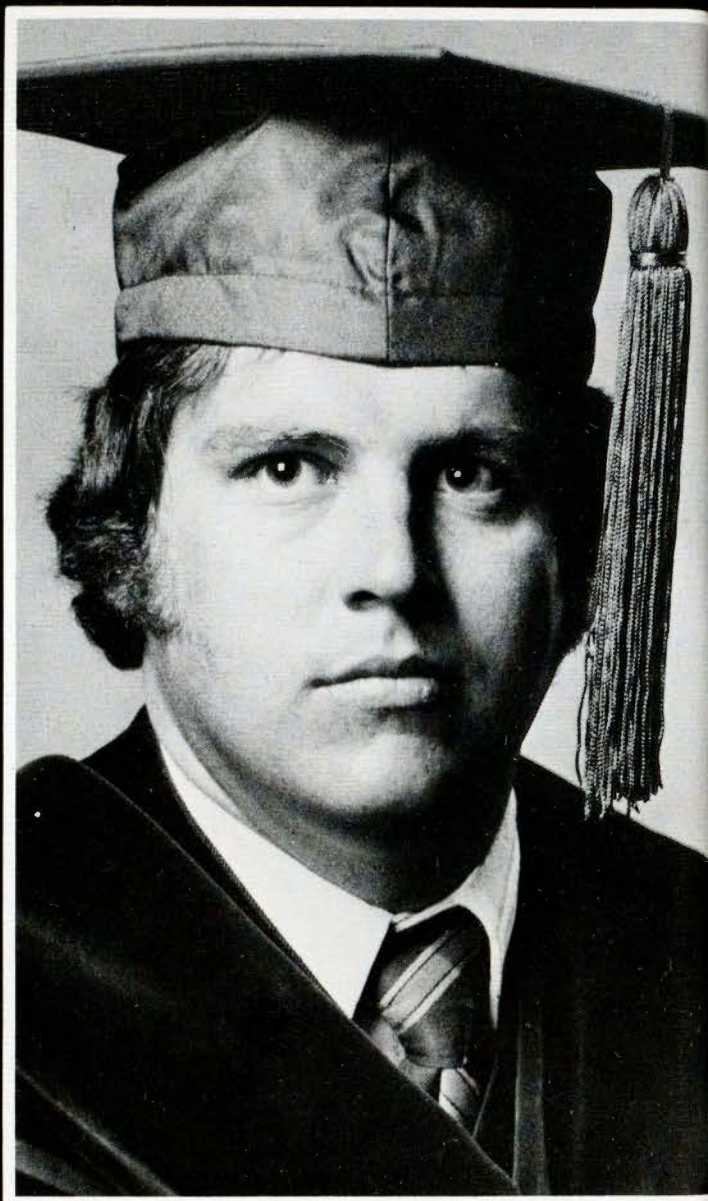


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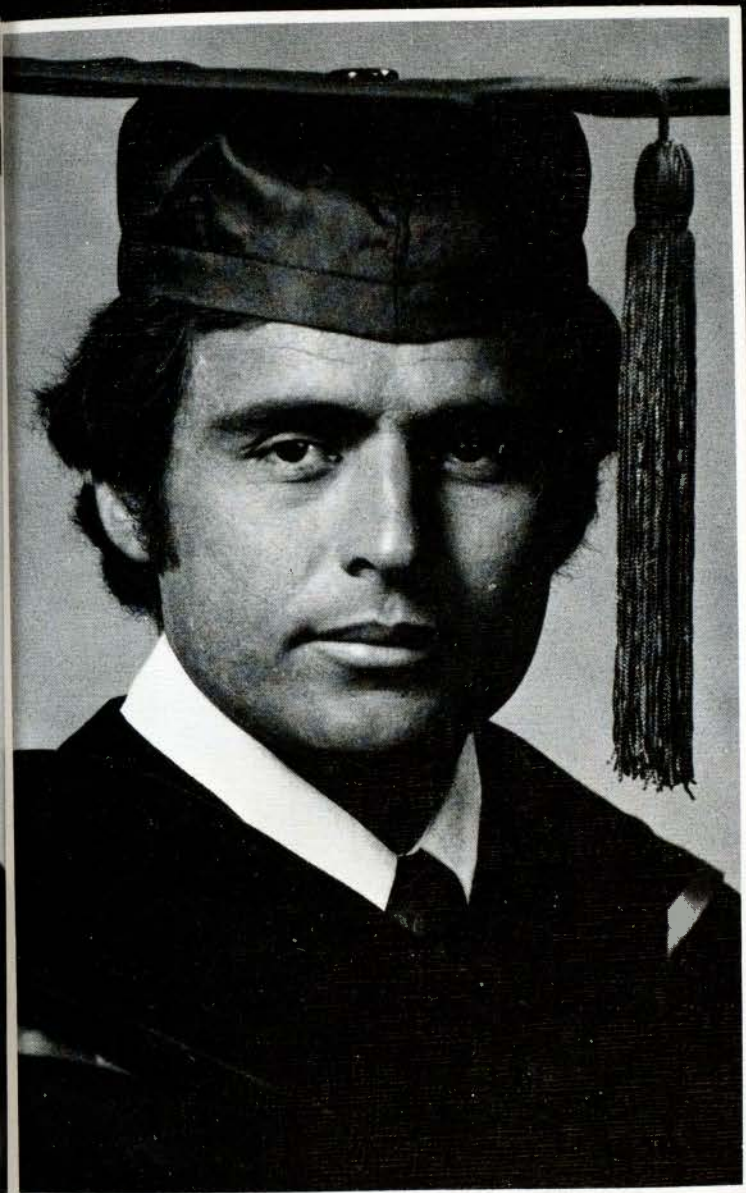


**LARRY B. JENNINGS, D.O.**  
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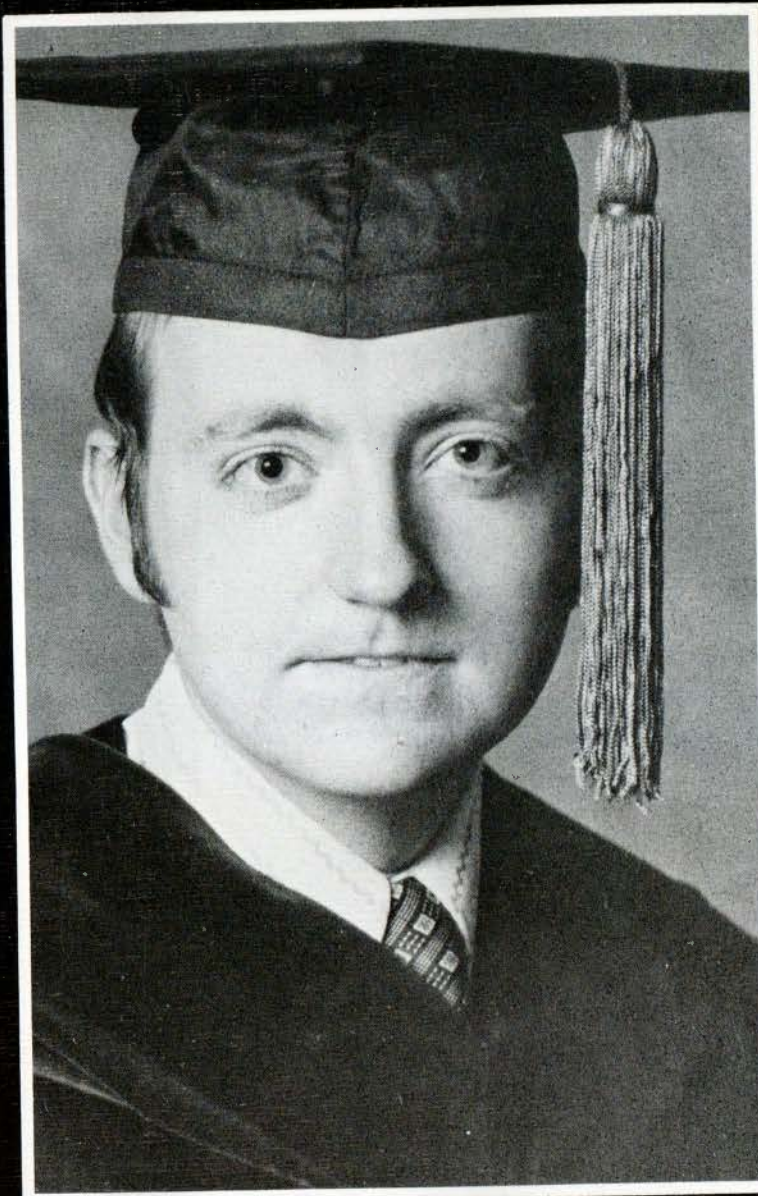


**RONALD W. JONES, D.O.**  
 Texarkana, Texas  
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 B.S., East Texas State University



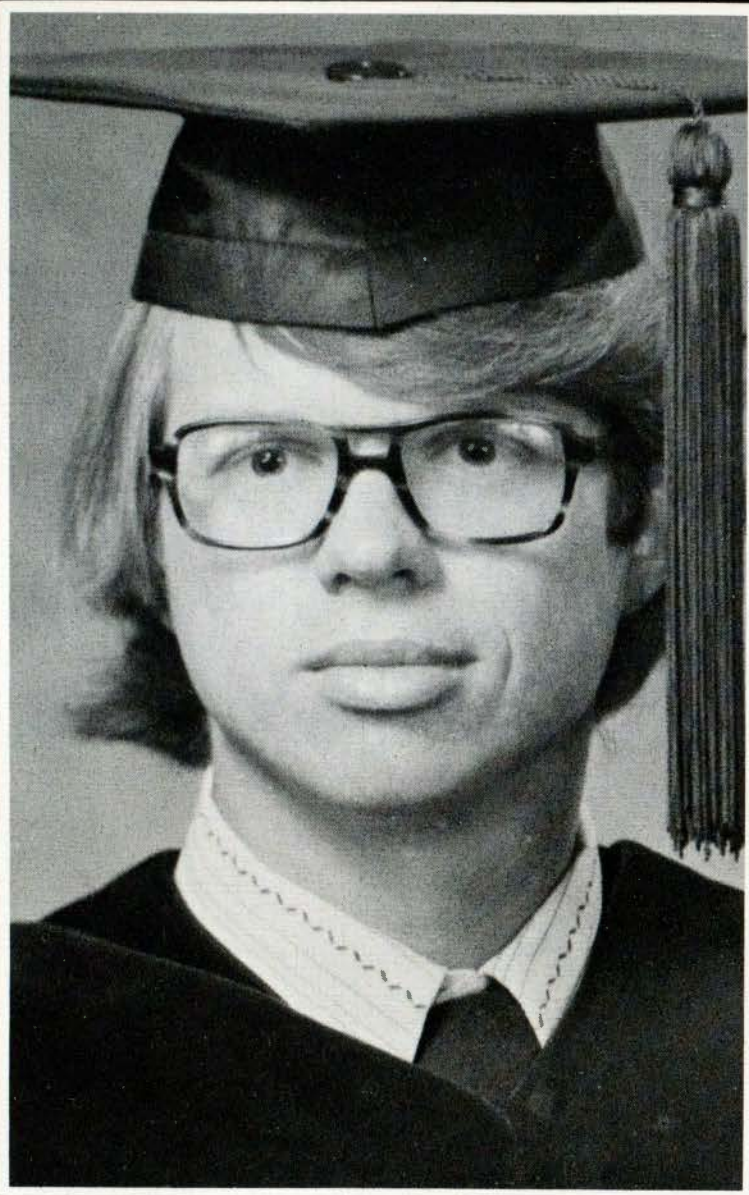


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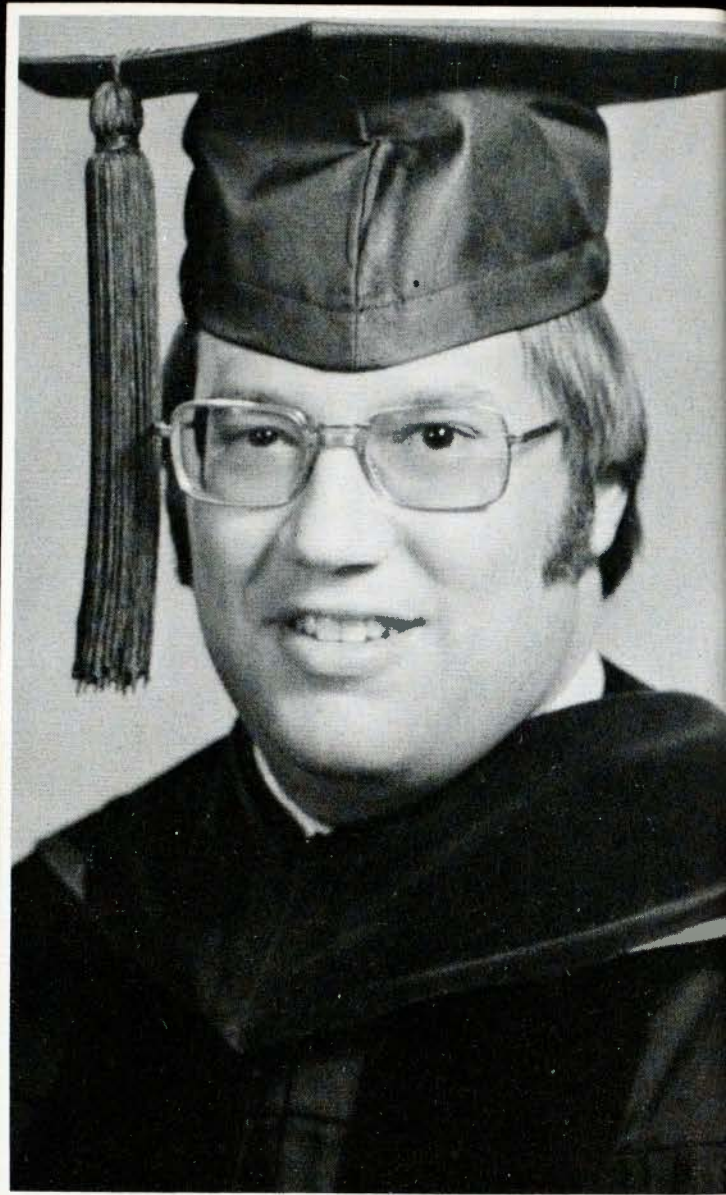


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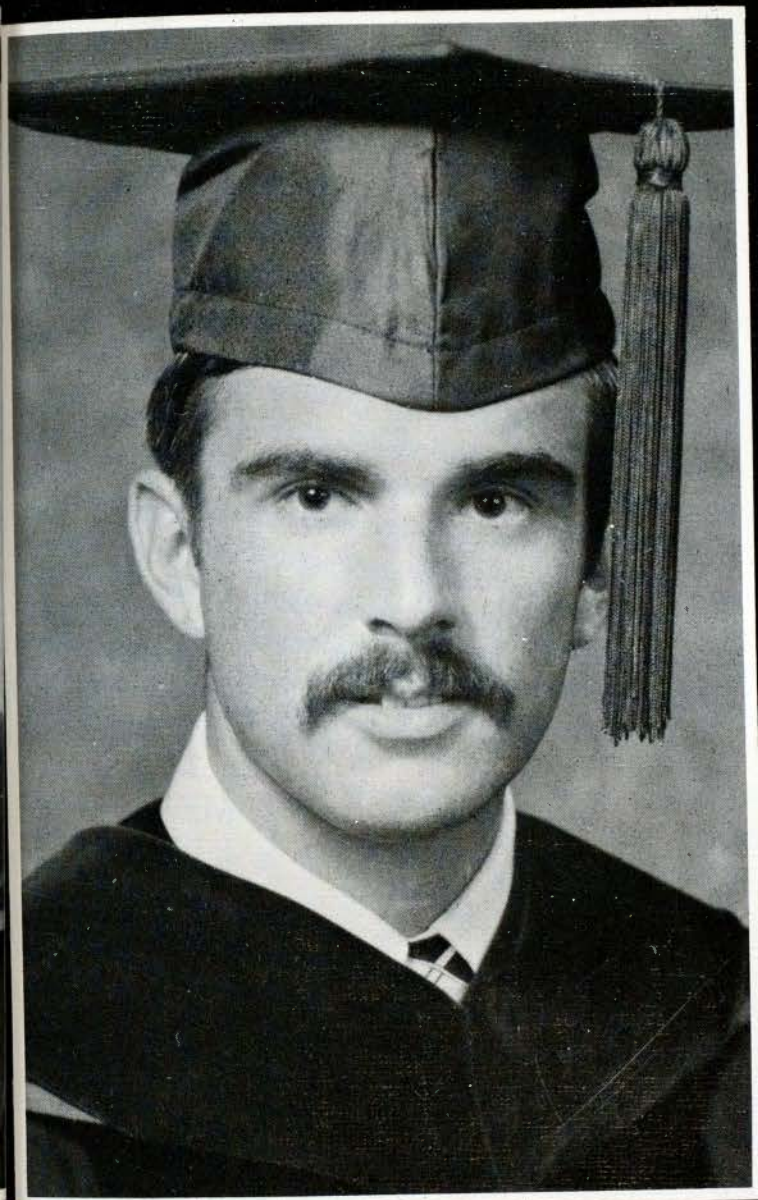


**ROBERT F. KLINGELHEBER, D.O.**  
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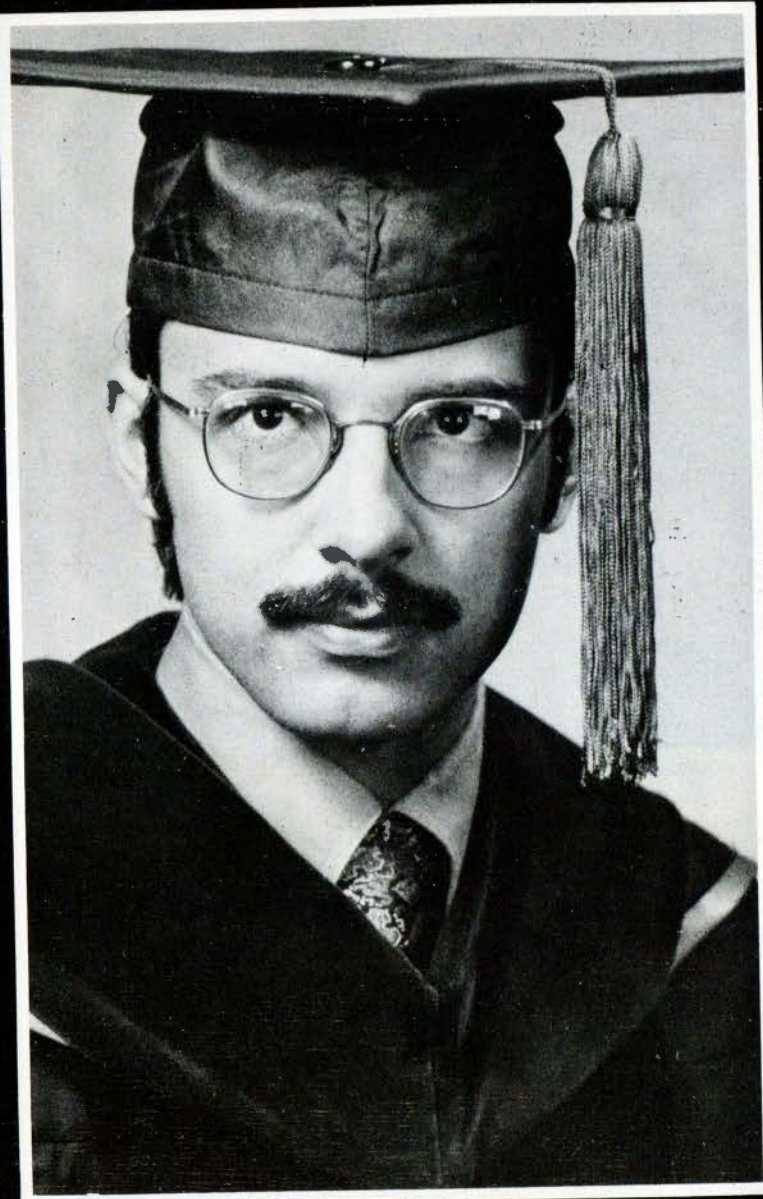


**JEFFREY A. KRAFT, D.O.**  
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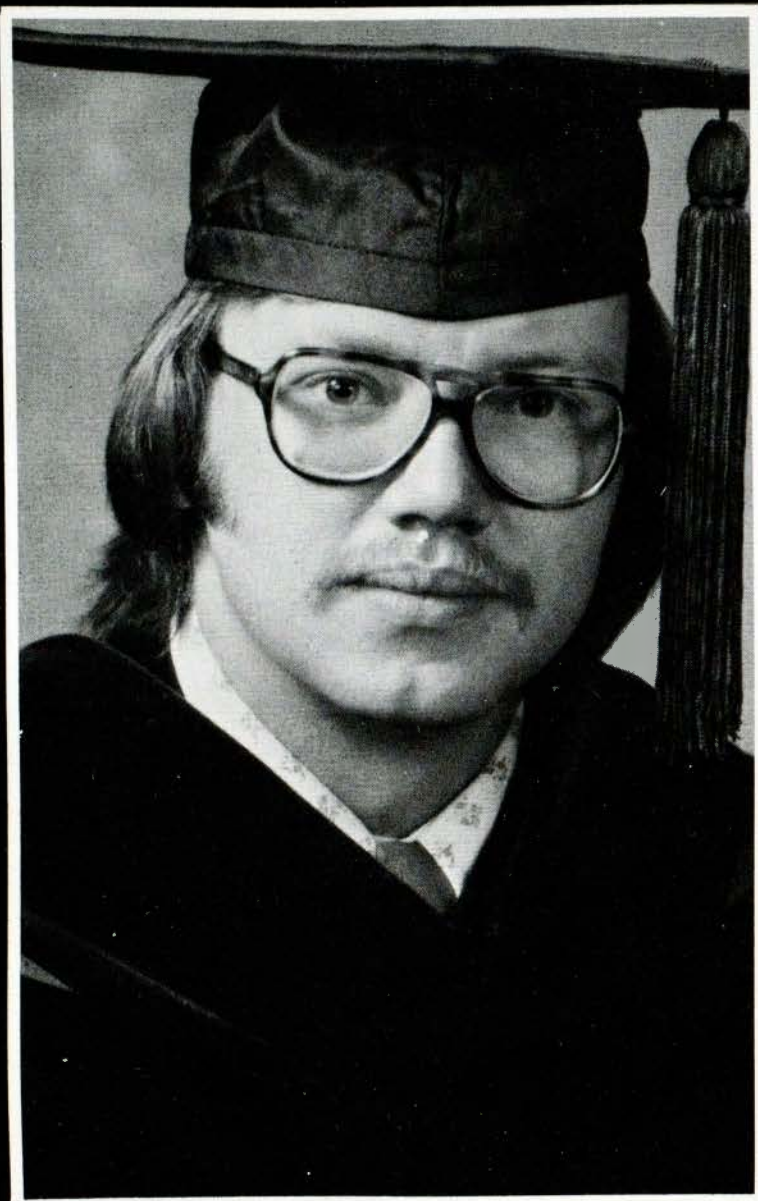


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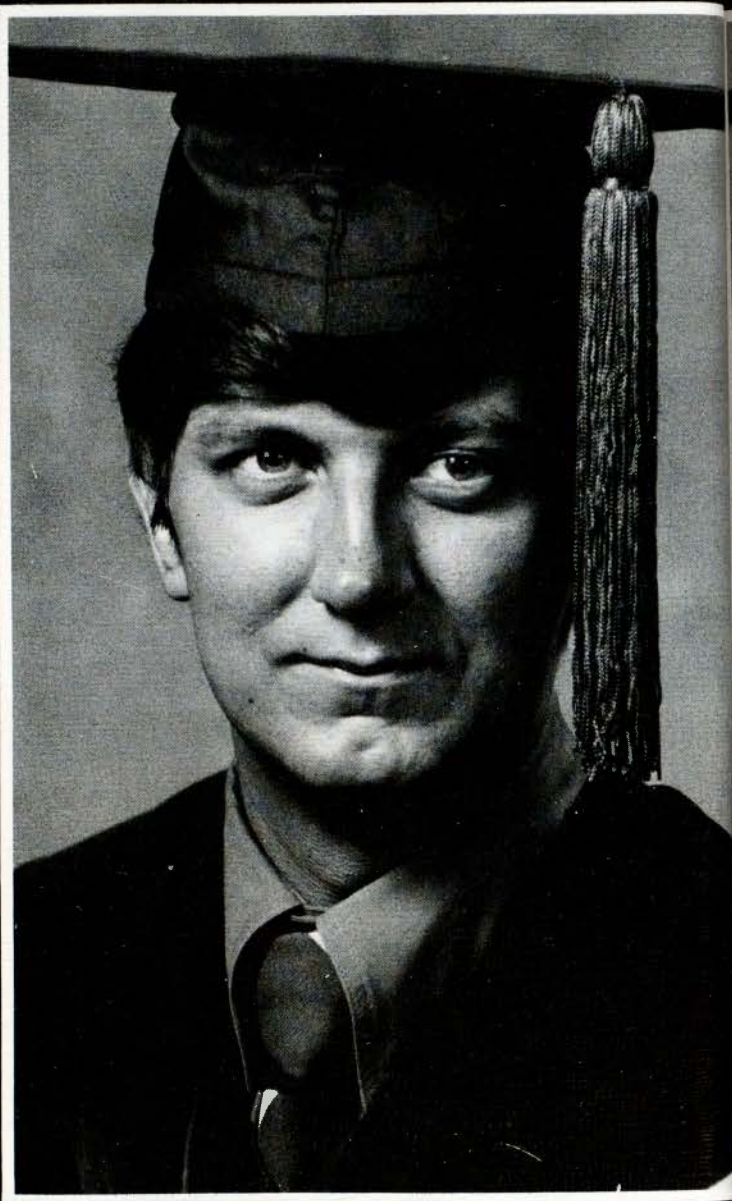


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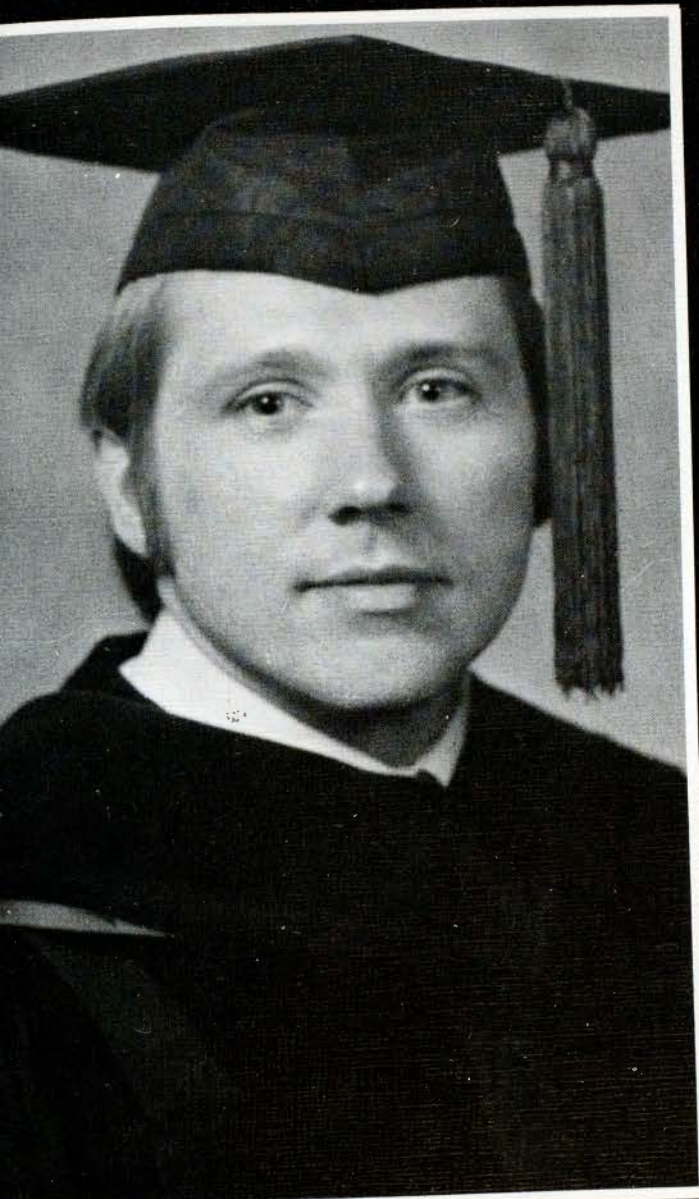


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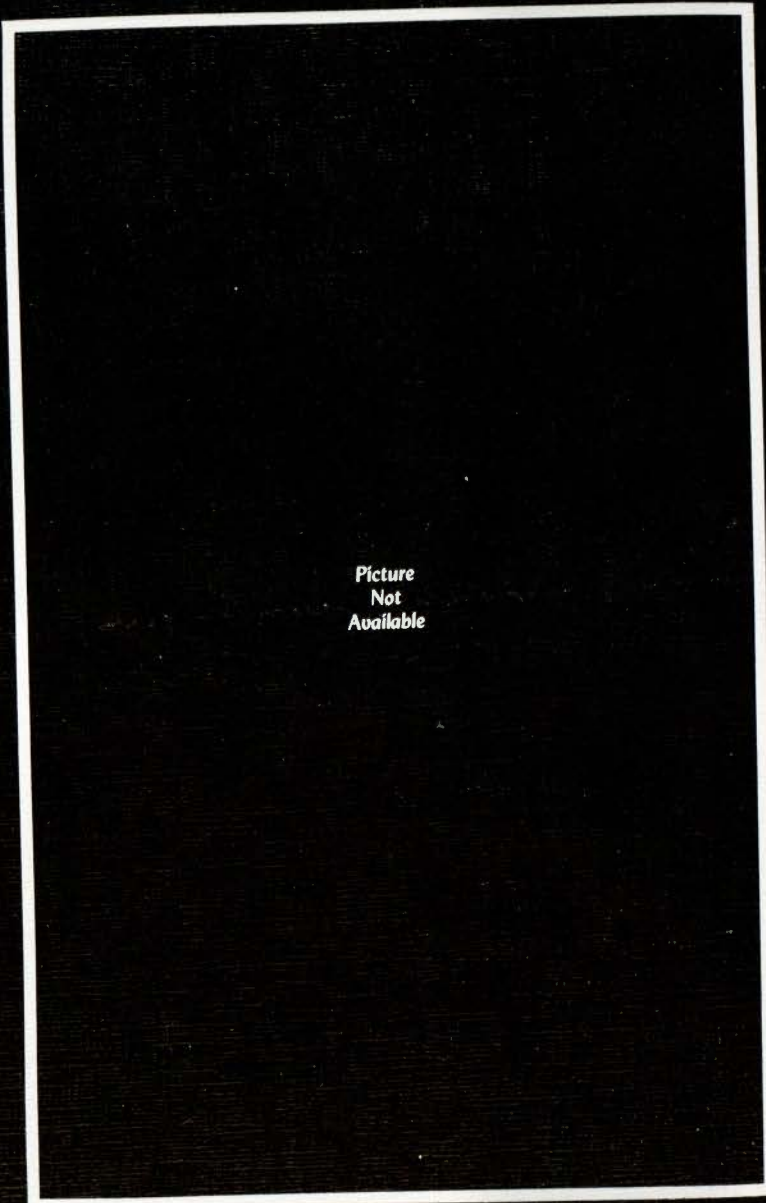
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 Anatomy lab instructor





**ANTHONY JAMES LINZ, D.O.**

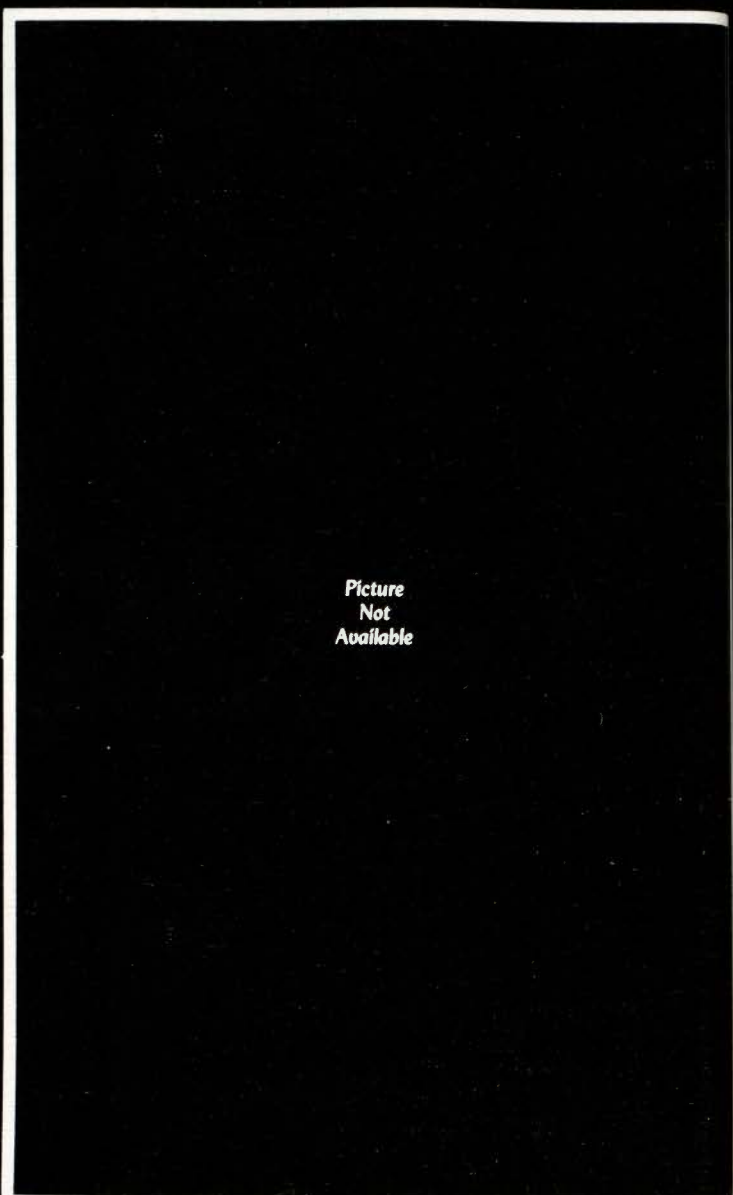
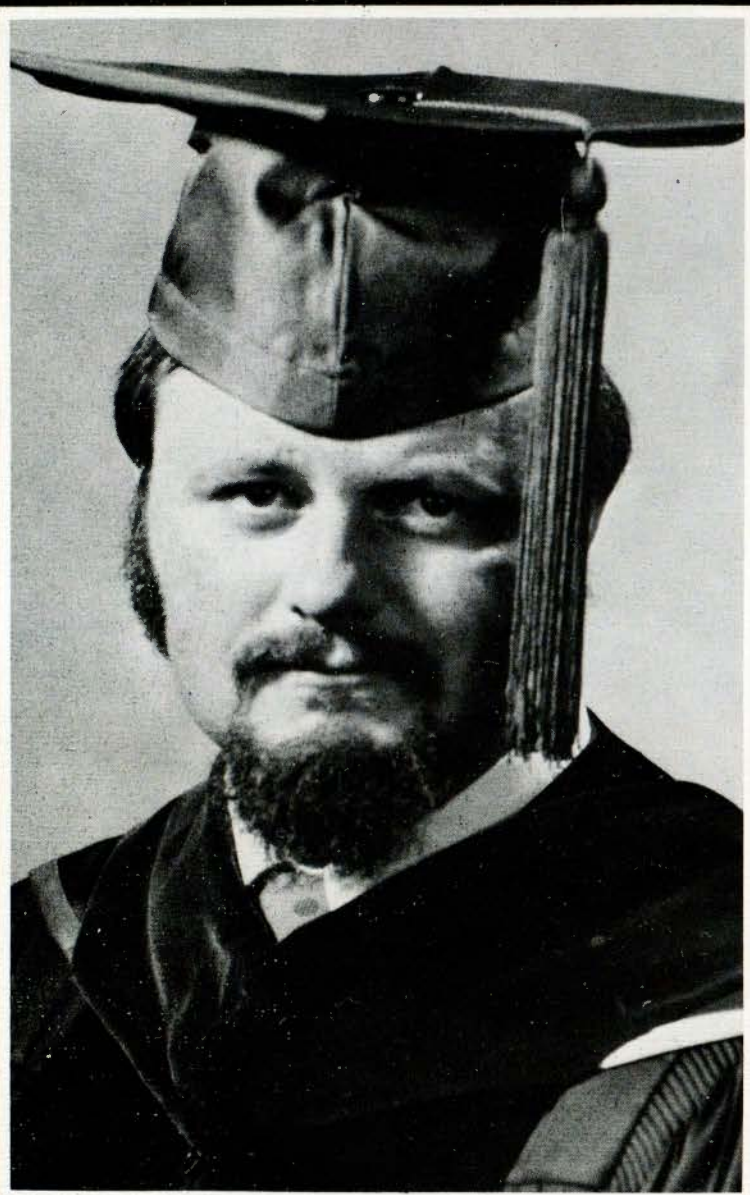
Sandusky, Ohio  
B.S., Bowling Green State University  
Atlas  
SOMA  
Microbiology Lab Assistant



**WALLY LITWA, D.O.**

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





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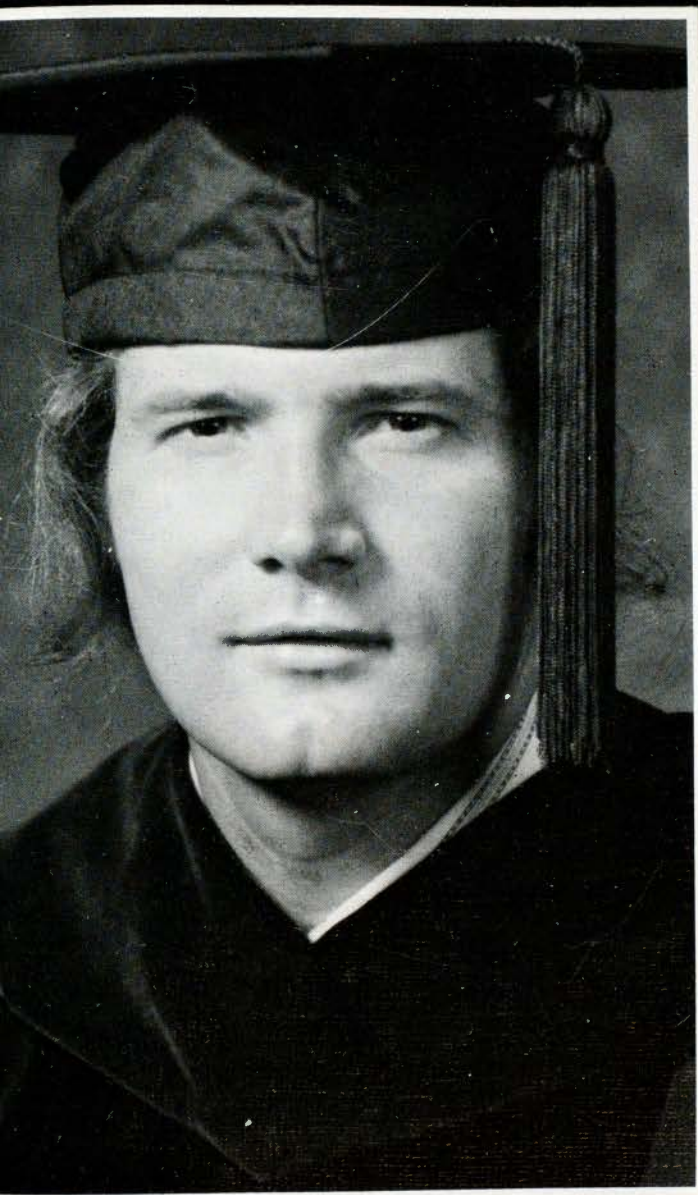
**JONATHAN GRANT LORD, D.O.**

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

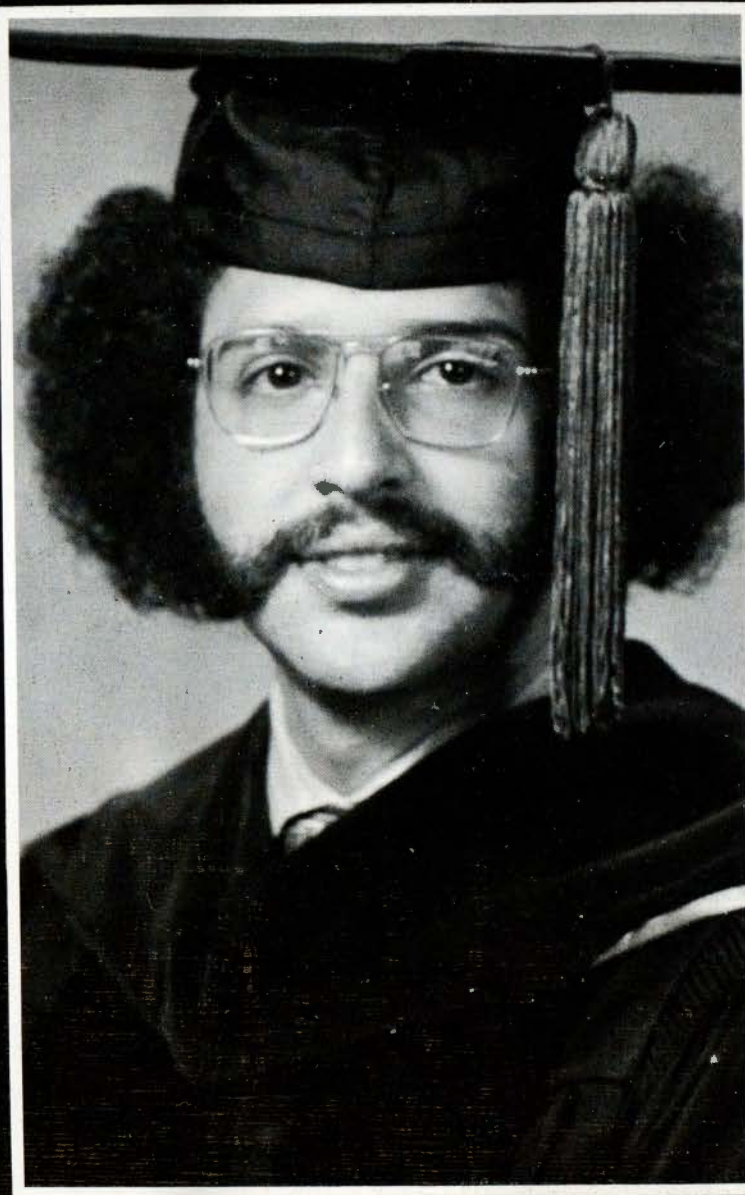
**DONALD W. LUETTJOHANN, D.O.**

Cedar Rapids, Iowa  
B.A., Luther College



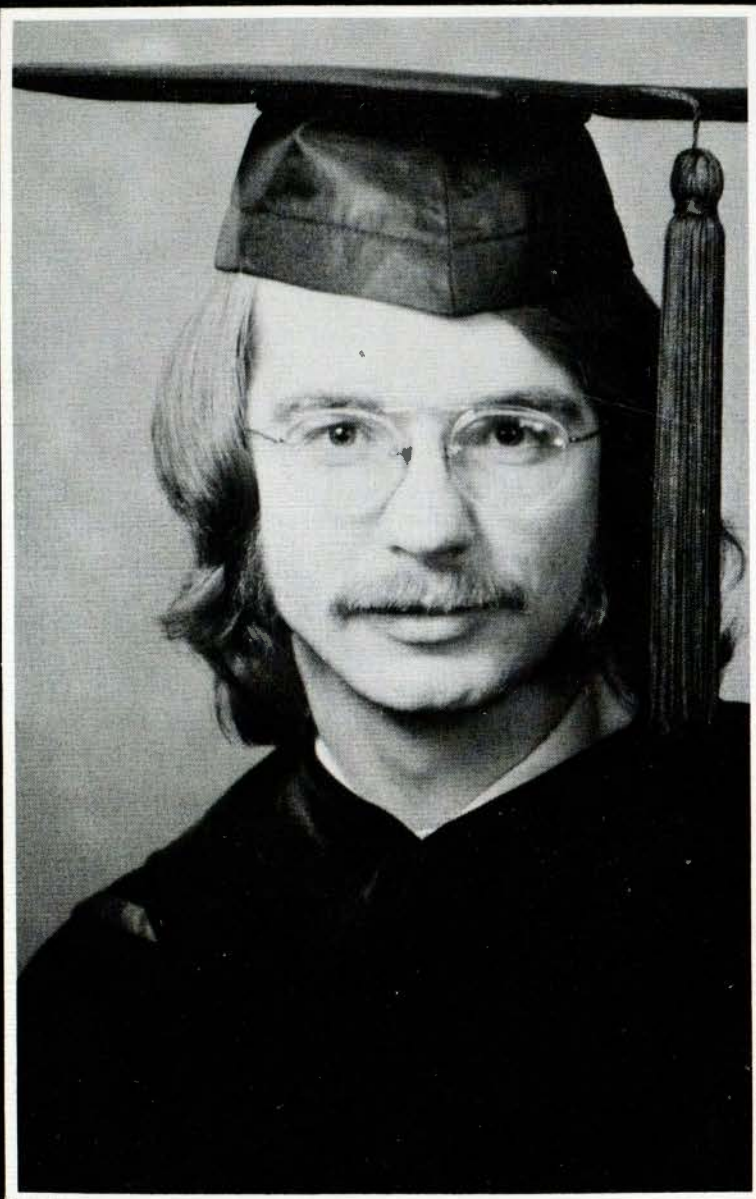


**RONALD LUSZCZ, D.O.**  
 Manville, New Jersey  
 B.S., King's College

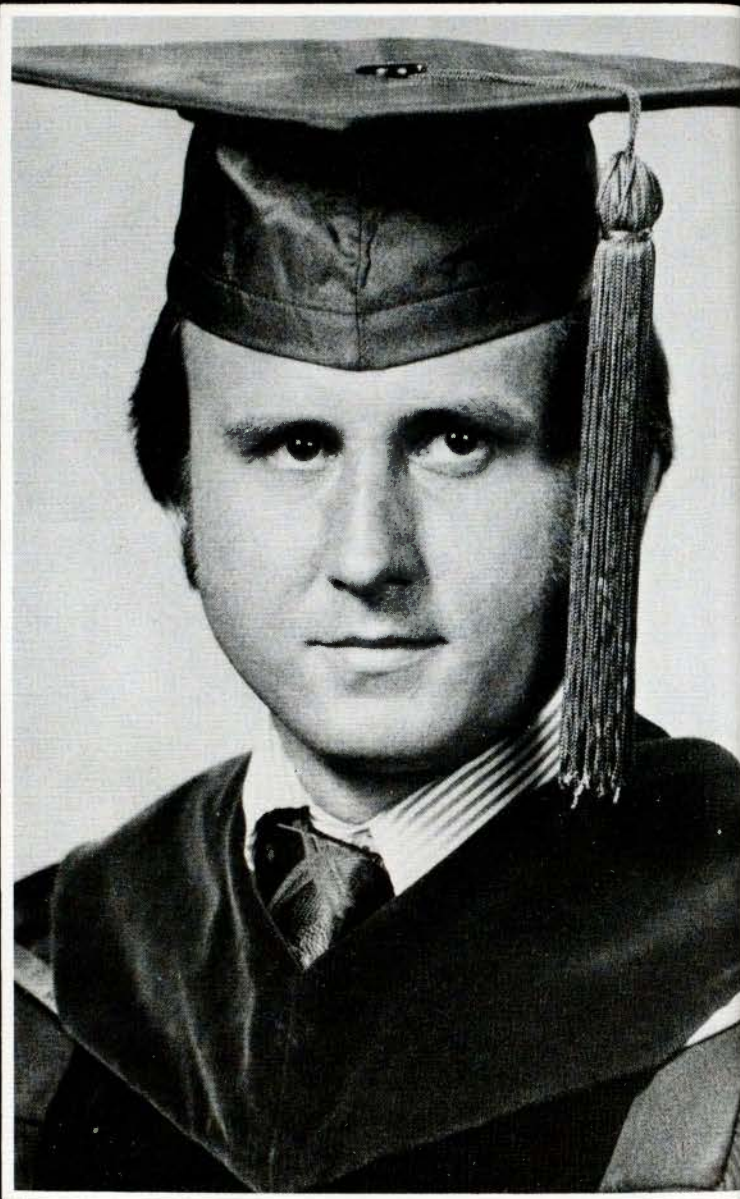


**JULES A. MARKS, D.O.**  
 Youngstown, Ohio  
 A.B., Case Western Reserve  
 Class President  
 SSP



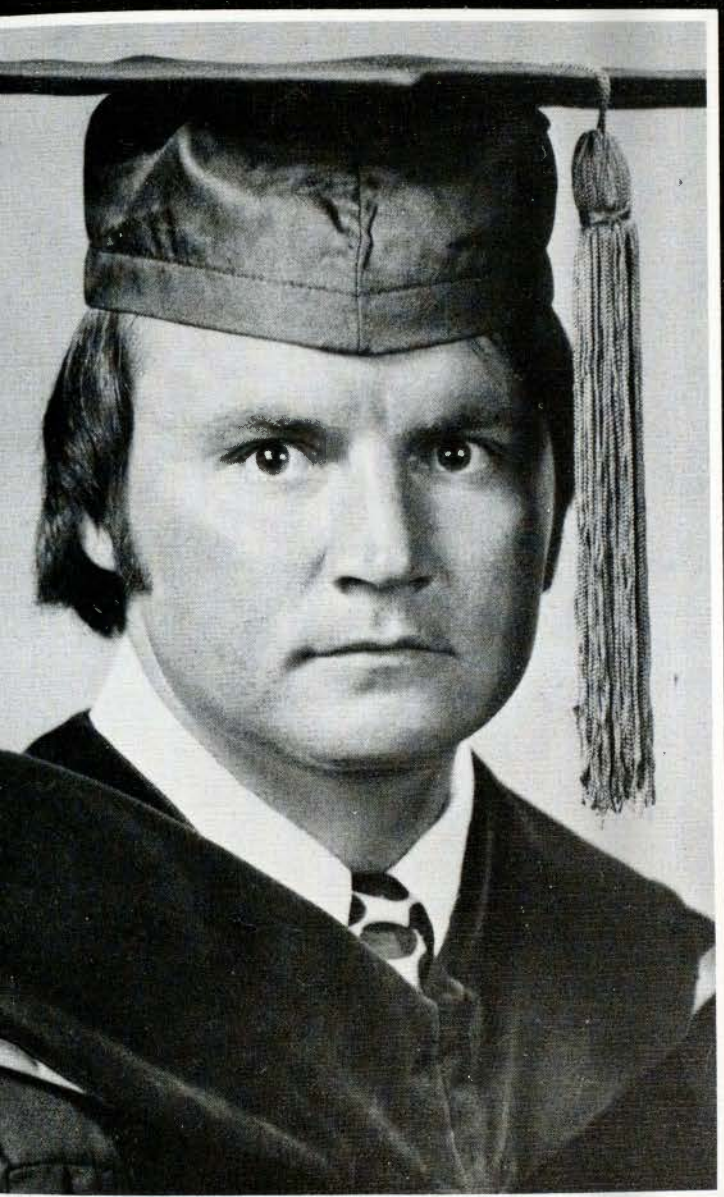


**GERALD McCORMICK, D.O.**  
 Drexel Hill, Pennsylvania  
 B.A., Temple University

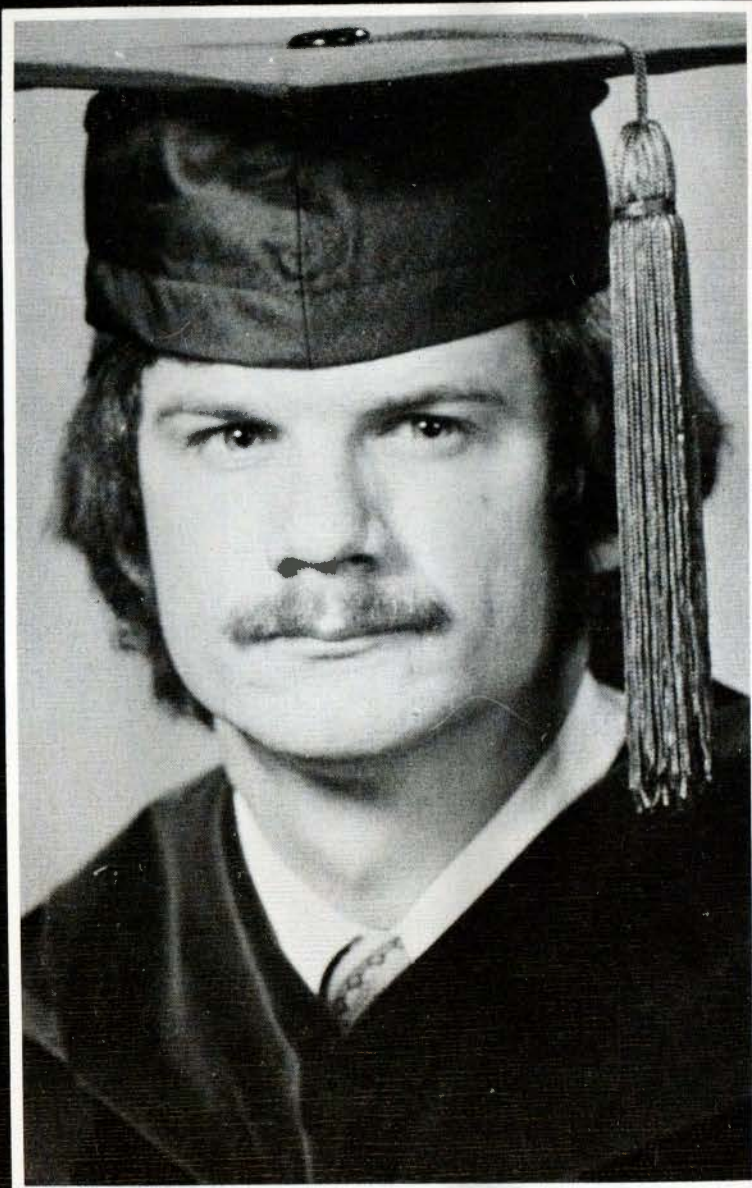


**ALAN P. MERSCH, D.O.**  
 Menomonie, Wisconsin  
 B.A., Luther College  
 Student Council  
 SSP  
 SOMA  
 Pacemaker Staff



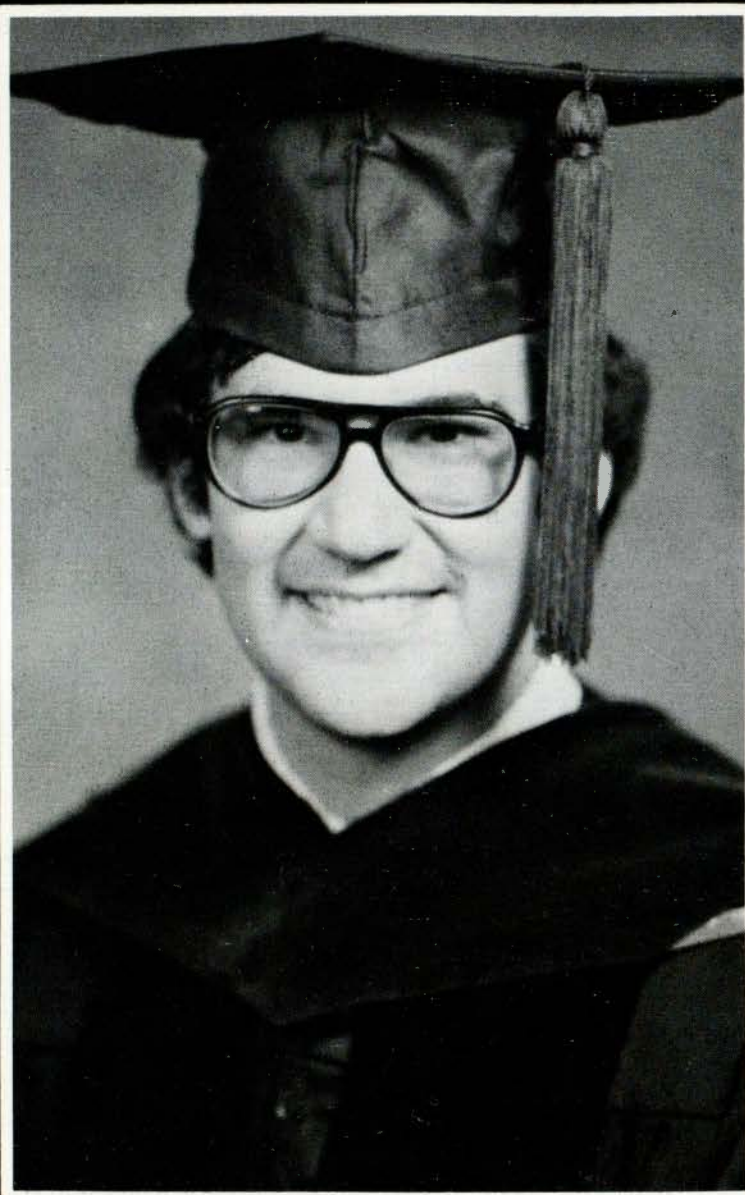


**DONALD R. METZ, D.O.**  
 Texas City, Texas  
 B.S., Lamar State College

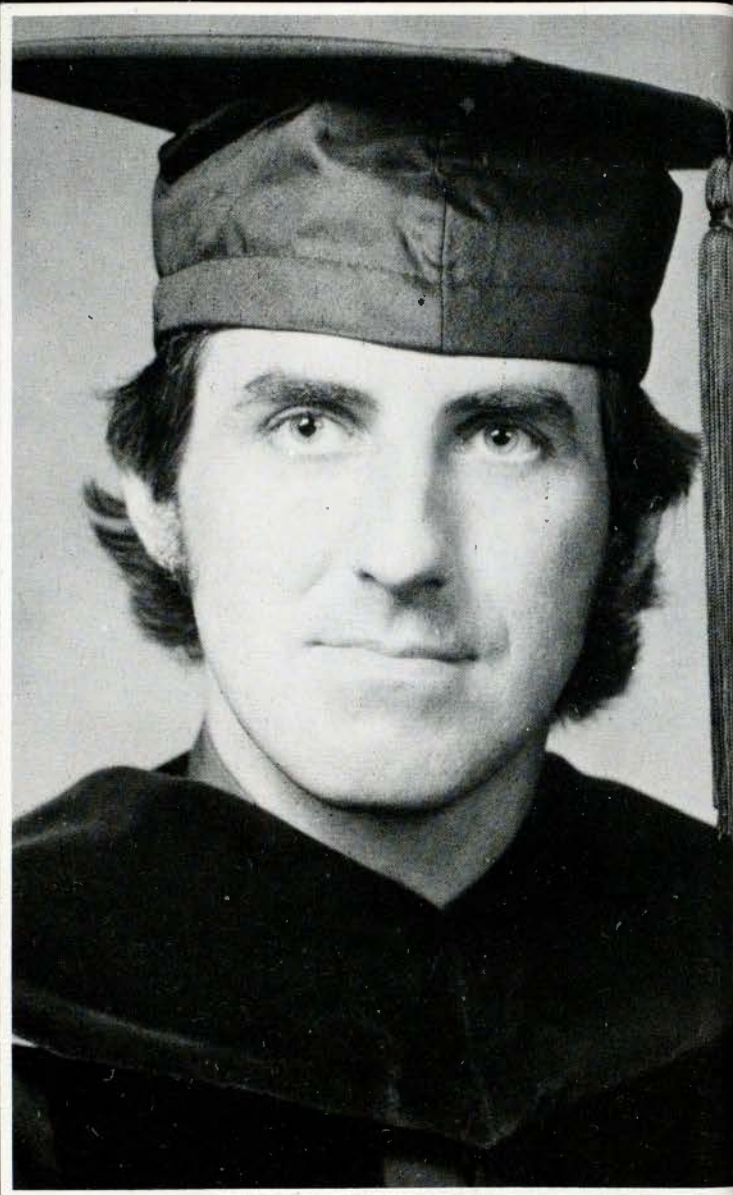


**CHRISTOPHER T. MEYER, D.O.**  
 Springfield, Ohio  
 B.A., Miami University



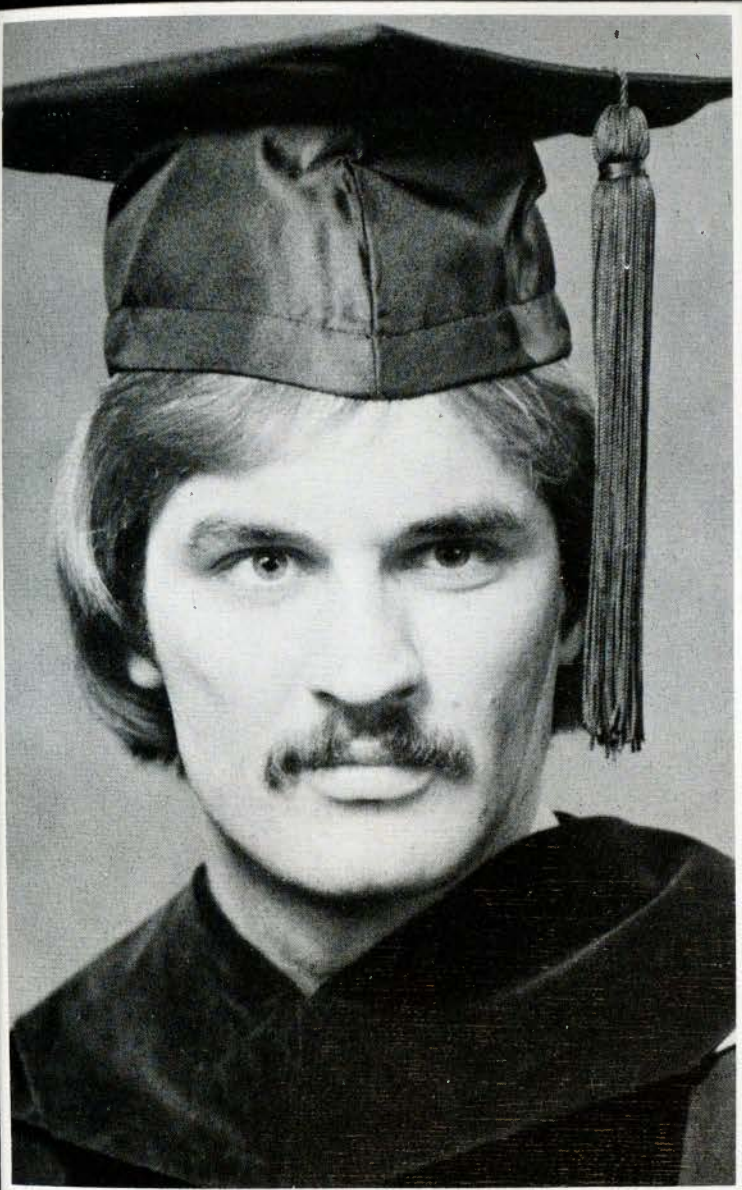


**JOEL P. MILLER, D.O.**  
 Philadelphia, Pennsylvania  
 Lab assistant  
 PSG  
 Class Secretary

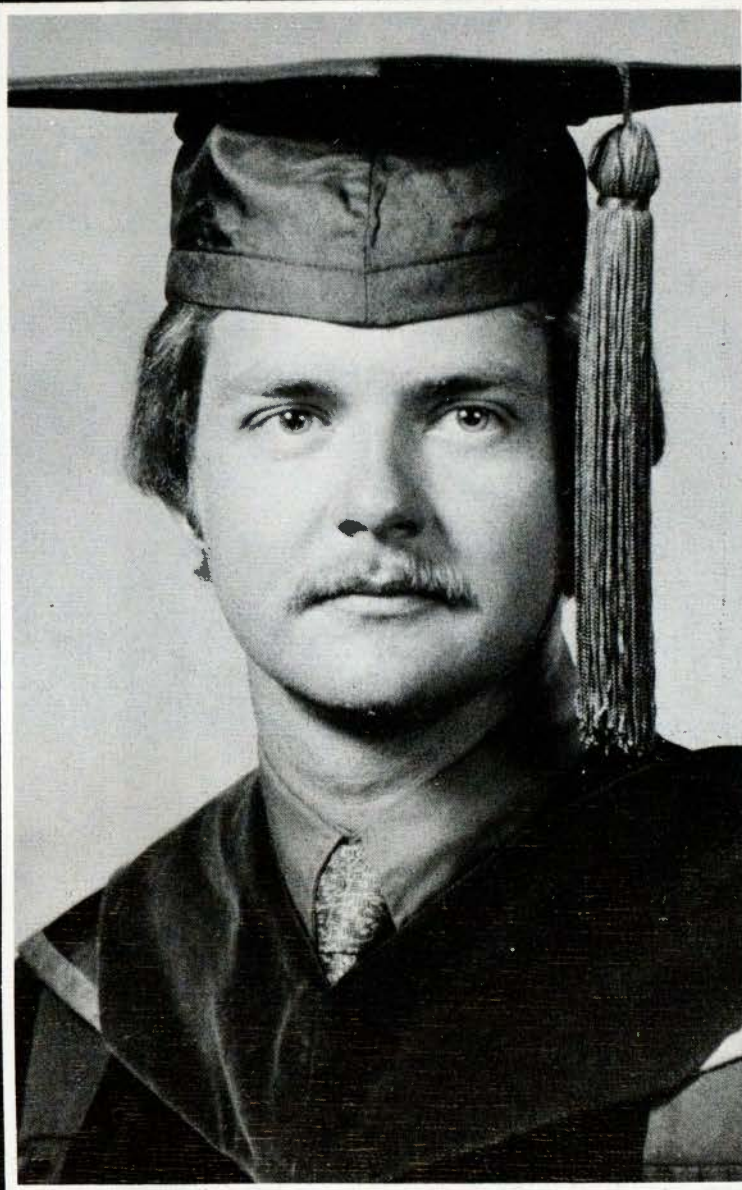


**KENNETH H. MOON, D.O.**  
 Romeo, Michigan  
 B.S., Grove City College



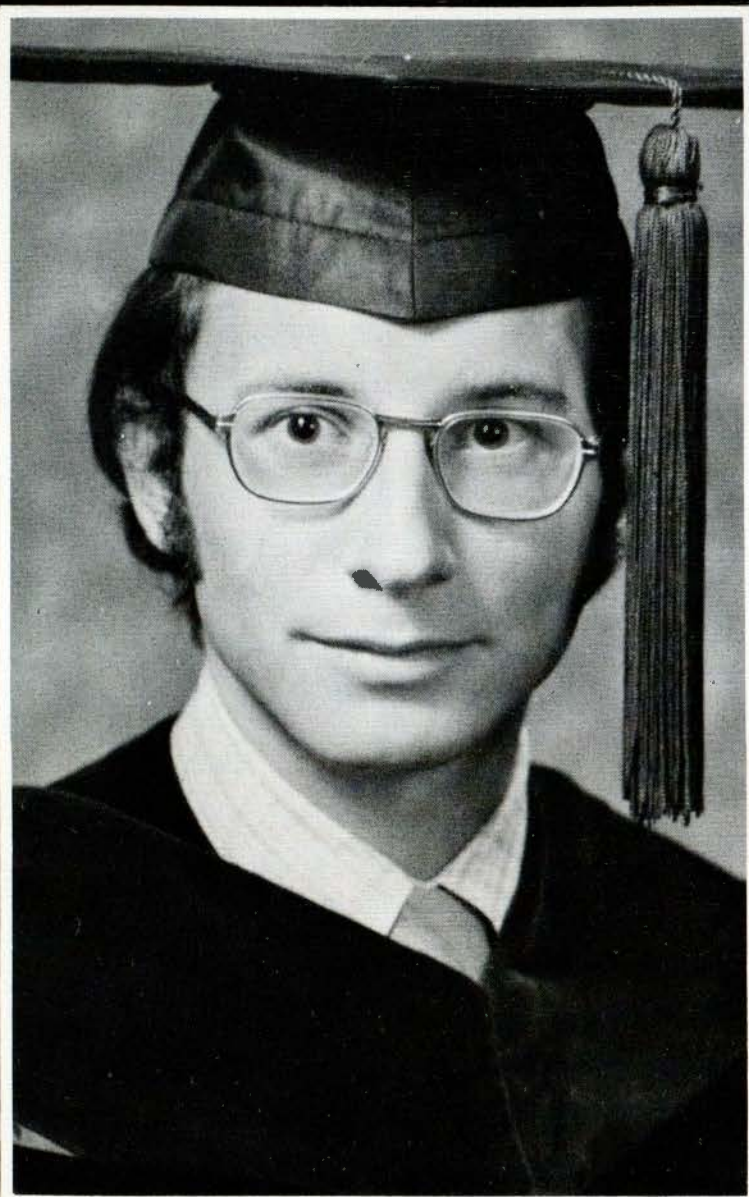


**WILLIAM C. MURRAY, D.O.**  
 Rochester, Pennsylvania  
 B.A., Thiel College



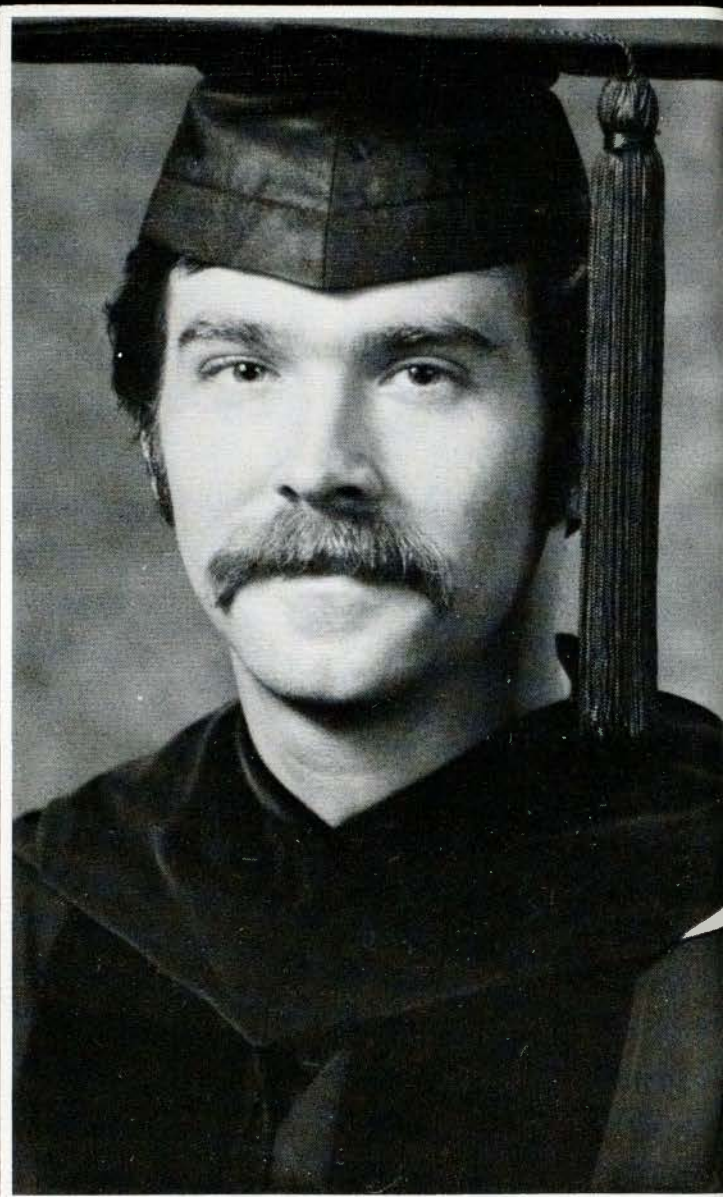
**JAMES A. NAPIER, JR., D.O.**  
 Bloomfield Hills, Michigan  
 B.A., University of Michigan  
 Class Vice President  
 Student Council  
 SSP





**ELLIOT L. NEUFELD, D.O.**

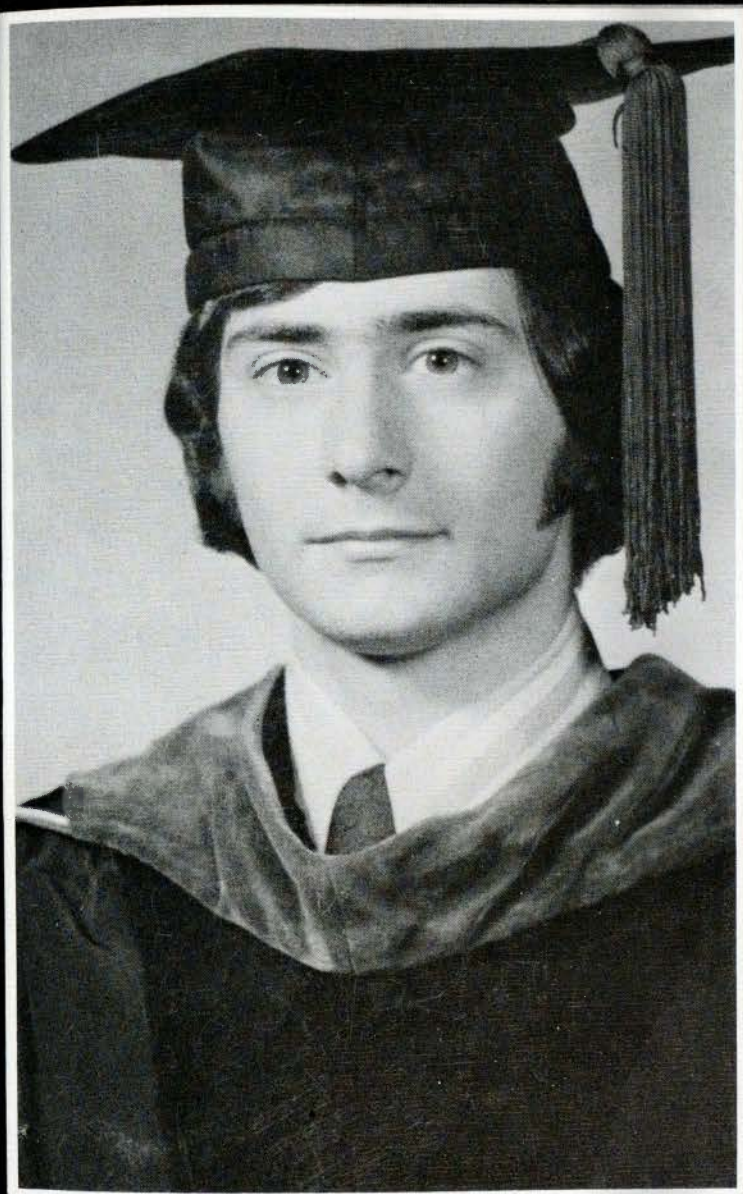
Philadelphia, Pennsylvania  
 B.S., Pennsylvania State University  
 Student Council Treasurer  
 Dog surgery assistant  
 PSA  
 SSP  
 Pacemaker staff



**JEREMY ORCUTT, D.O.**

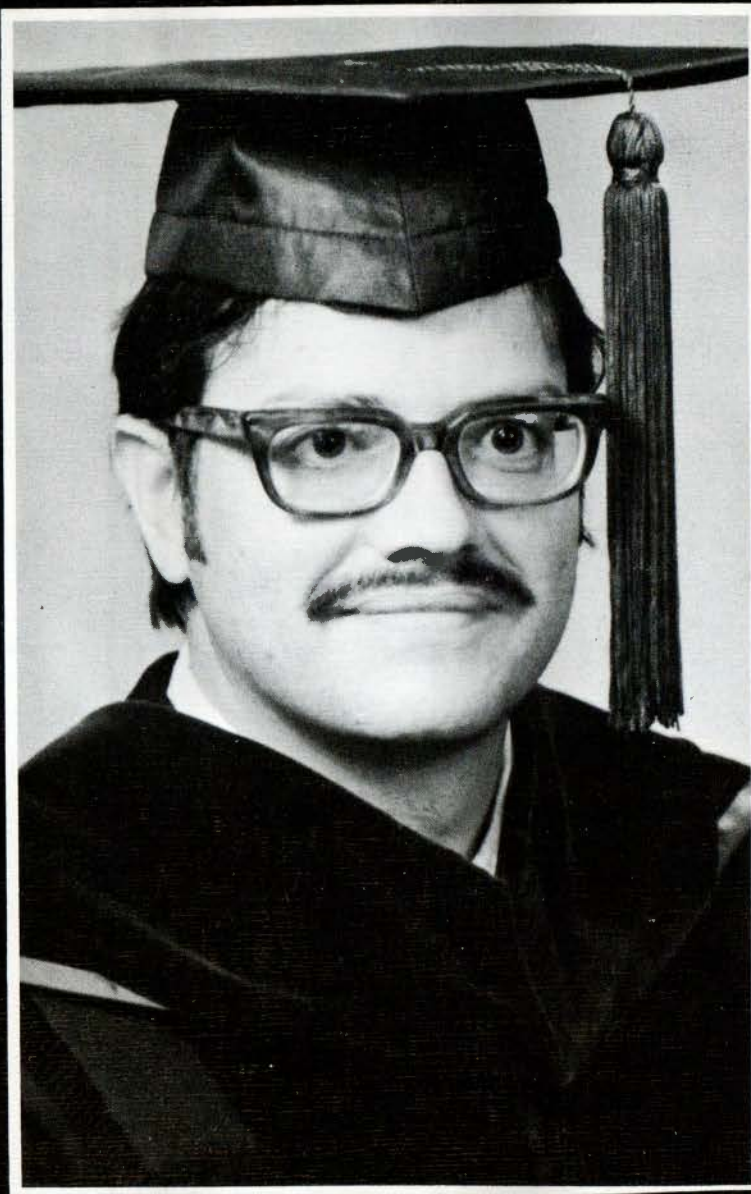
Santa Monica, California  
 B.A., University of California





**PAUL STEPHEN PANEBIANCO, D.O.**

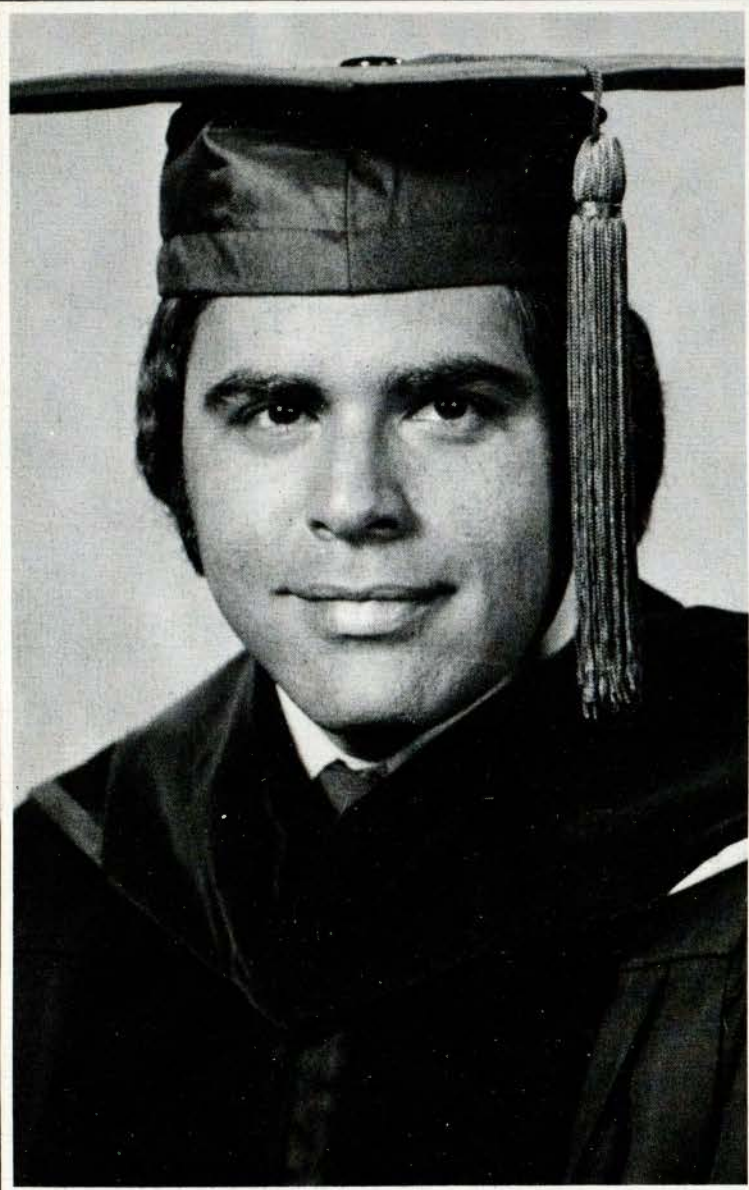
Oaklyn, New Jersey  
 B.A., Rutgers University  
 Class secretary  
 Class vice-president  
 Student Council secretary  
 SSP  
 Pacemaker staff



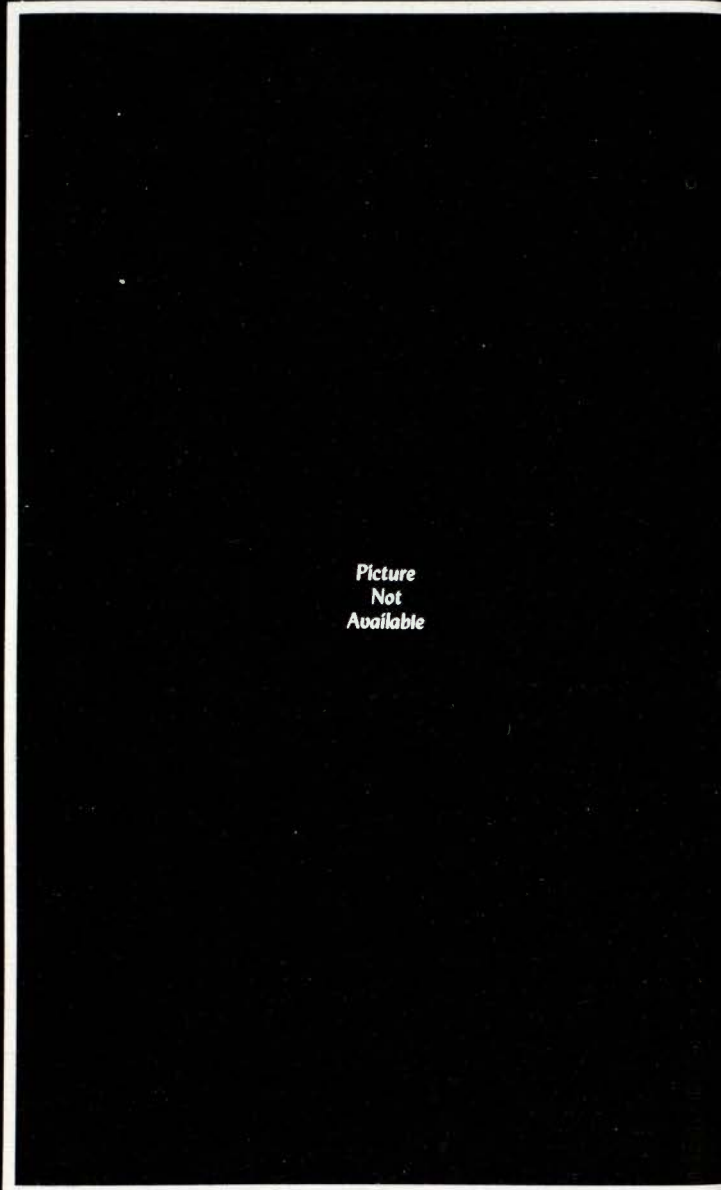
**JOSEPH L. POSCHNER, D.O.**

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



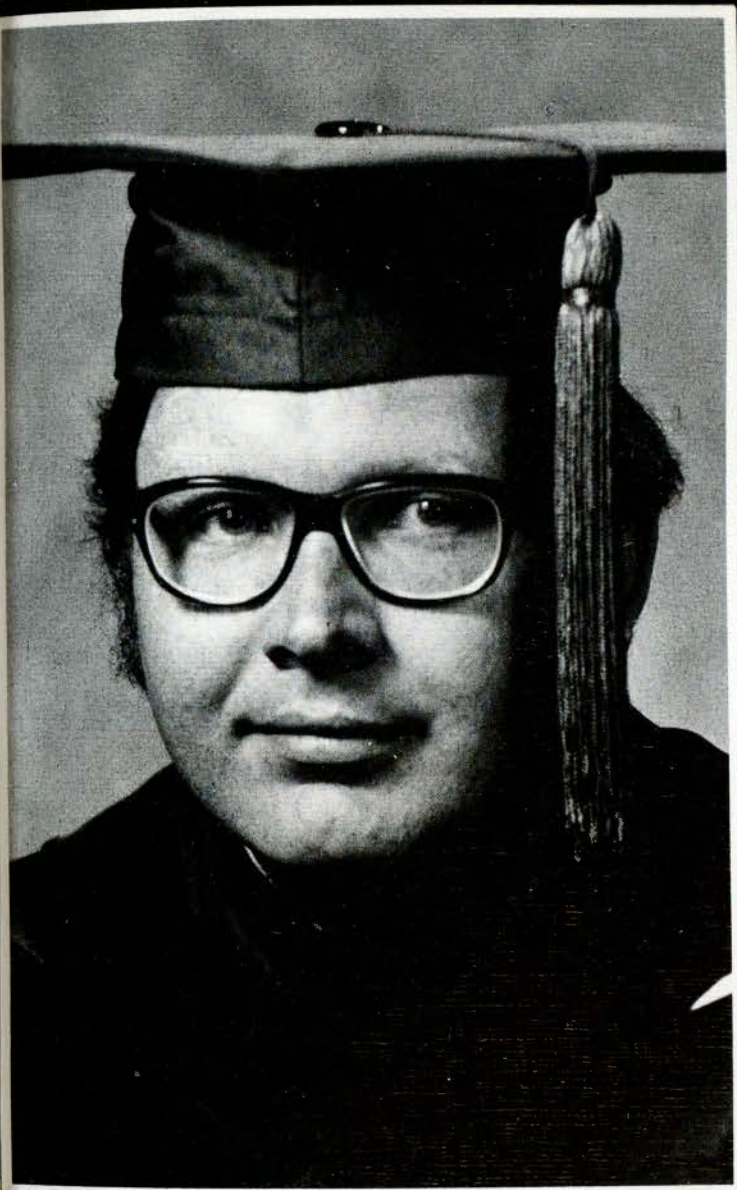


**MARSHALL PRESSMAN, D.O.**  
North Miami Beach, Florida  
B.A., University of Miami

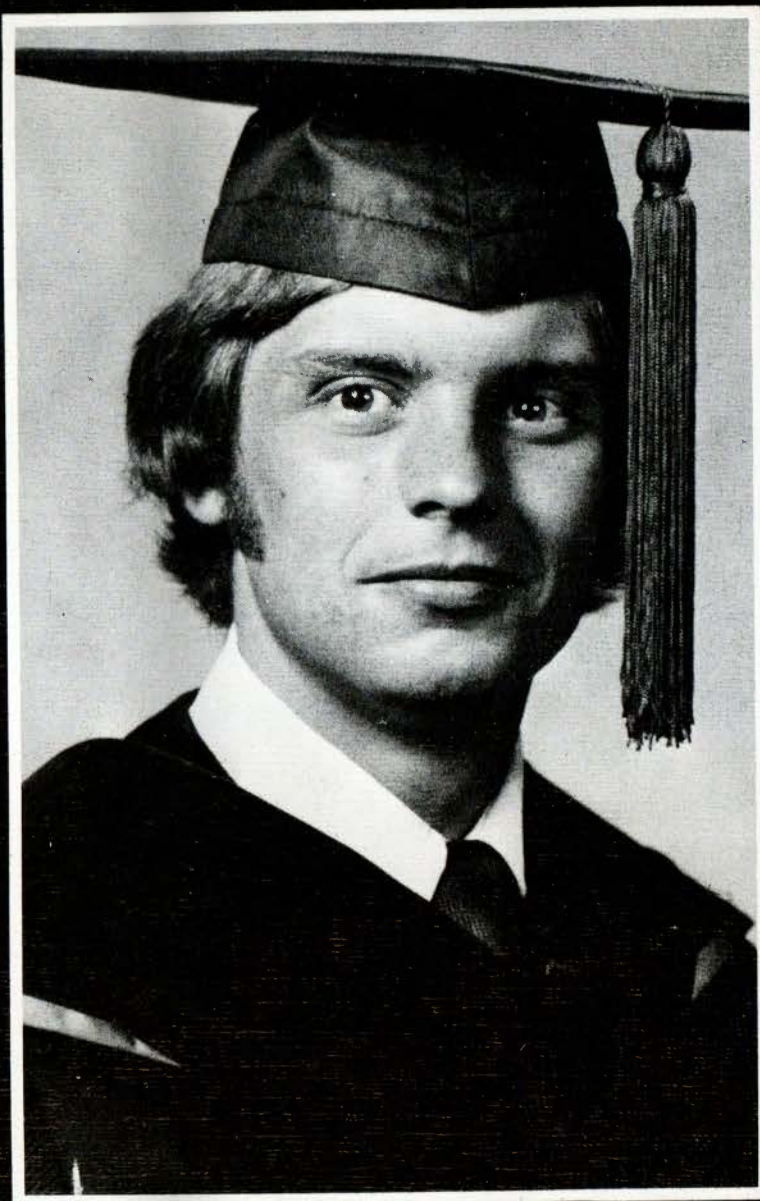


**JOHN RAEDER, D.O.**  
Millbrook, New York  
B.A., Rutgers University



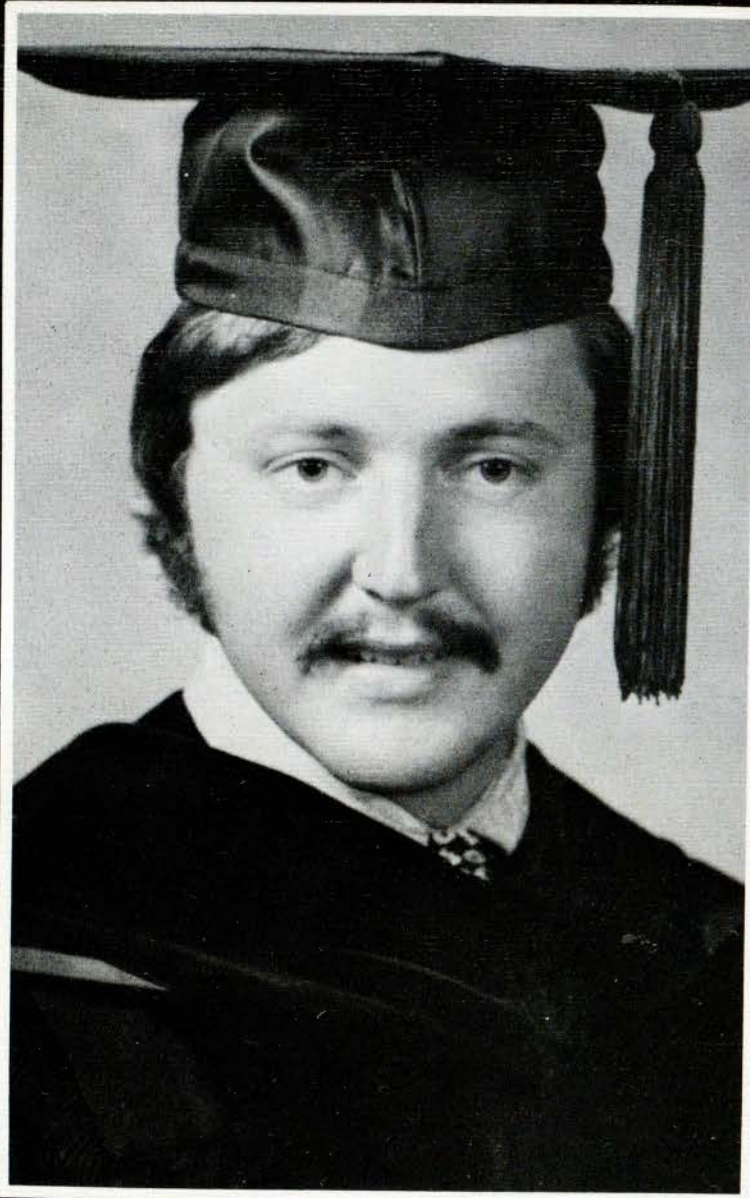


**WILLIAM RAMER, D.O.**  
Bloomfield Hills, Michigan  
B.S., Michigan State University



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





**STEPHEN D. RICHARDS, D.O.**

Des Moines, Iowa

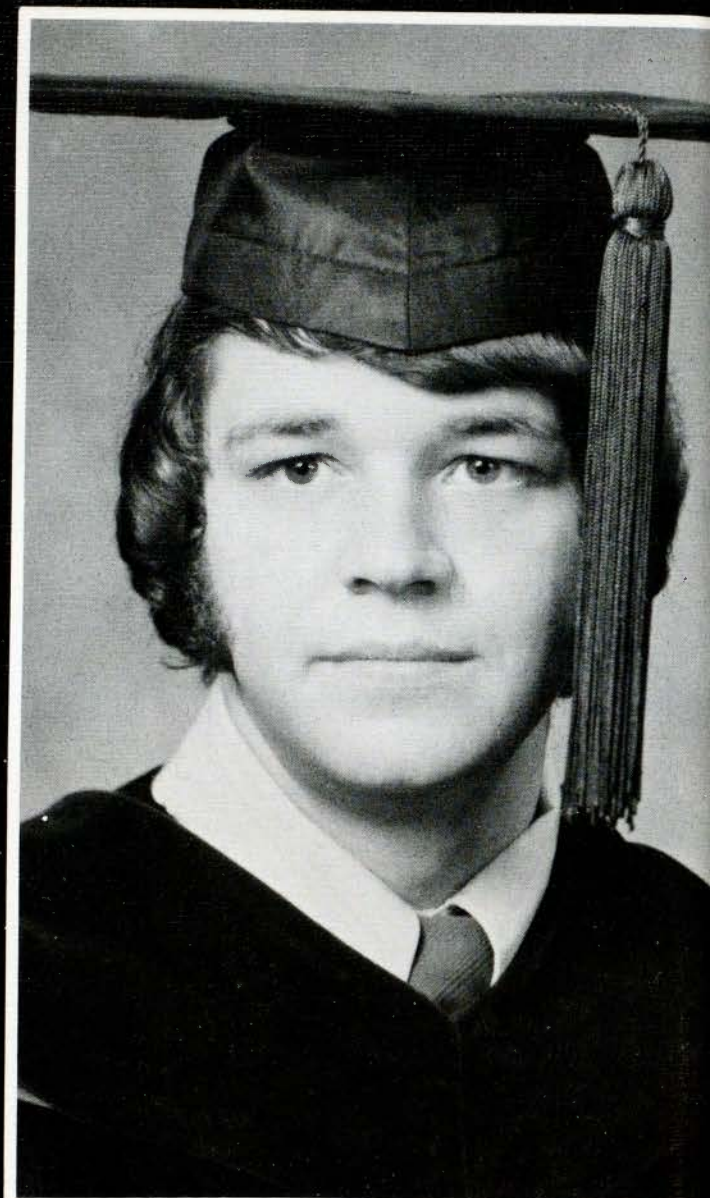
B.S., Drake University

SSP Treasurer

SOMA

Pacemaker Business Manager

Student Council

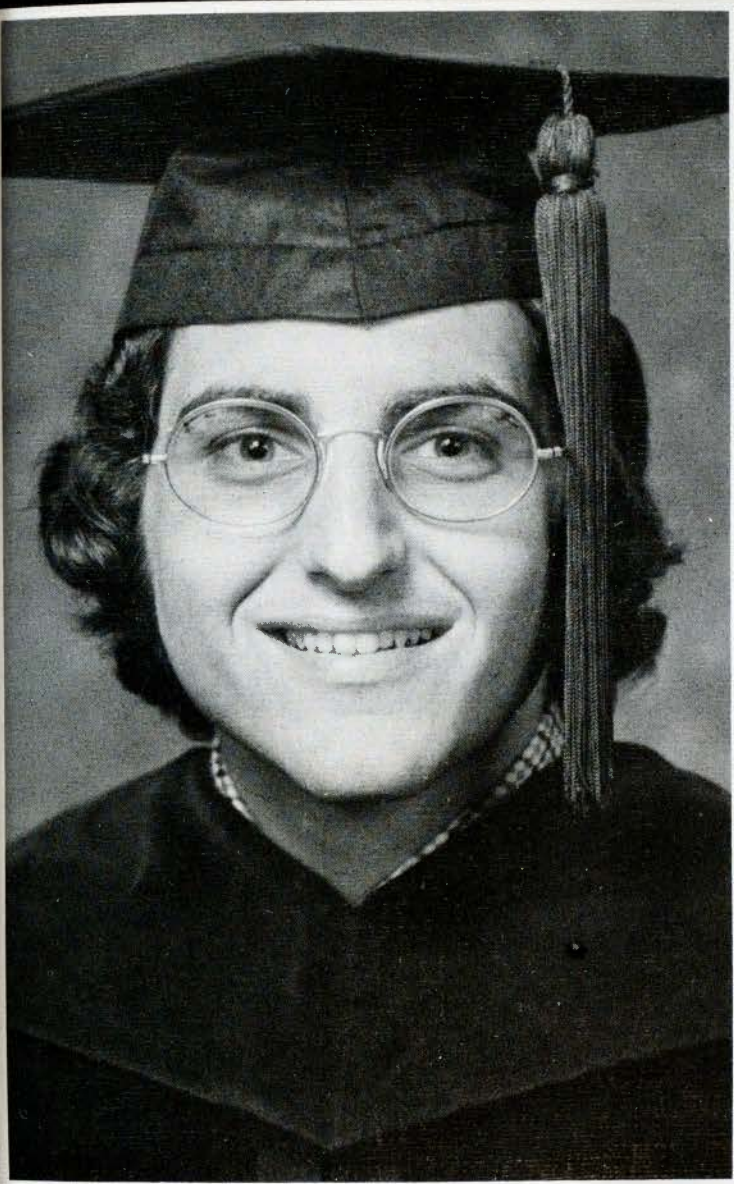


**EMORY A. RITTENHOUSE, D.O.**

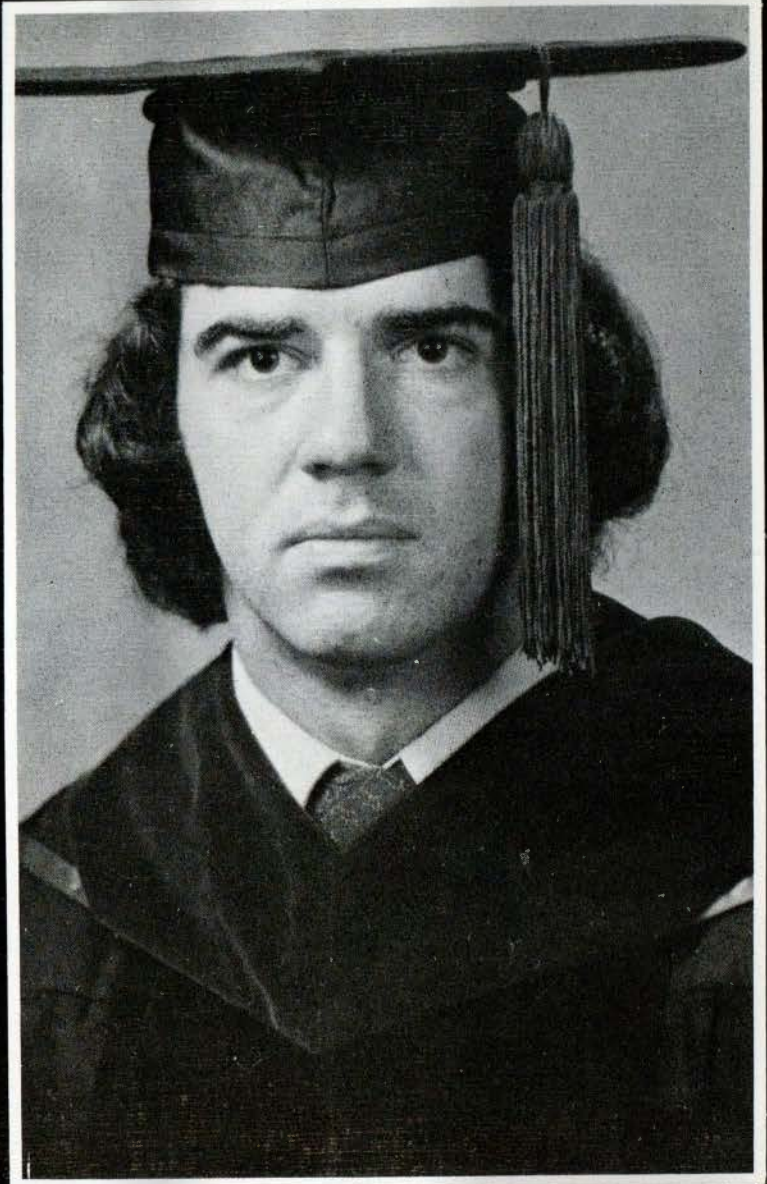
McKeesport, Pennsylvania

B.A., Washington and Jefferson College



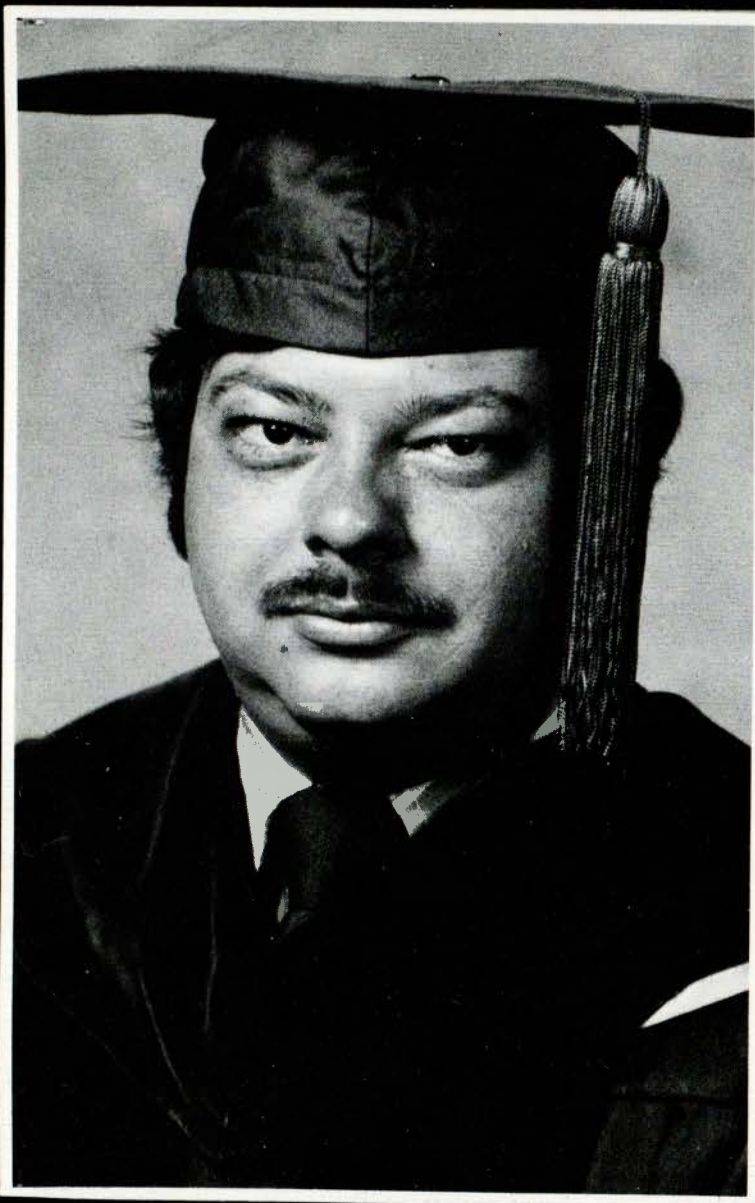


**DAVID M. ROSENBERG, D.O.**  
 Milwaukee, Wisconsin  
 B.S., University of Wisconsin

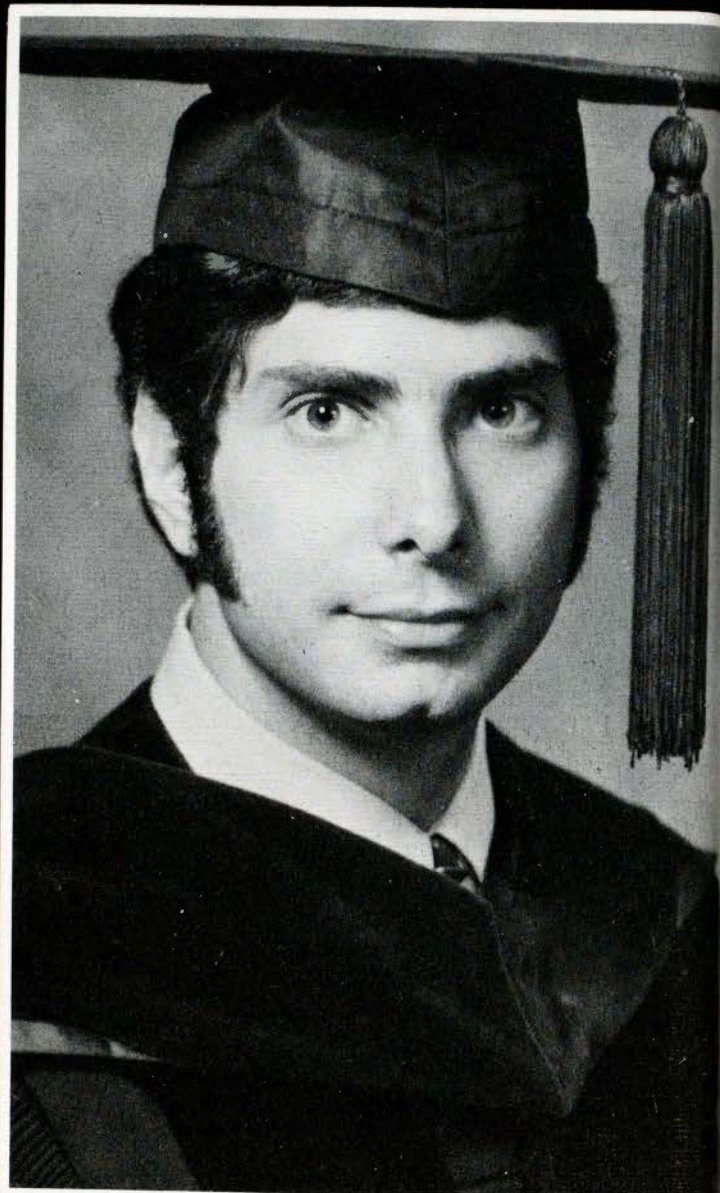


**CLARK A. ROSENBERY, D.O.**  
 New Philadelphia, Ohio  
 B.A., Case Western Reserve



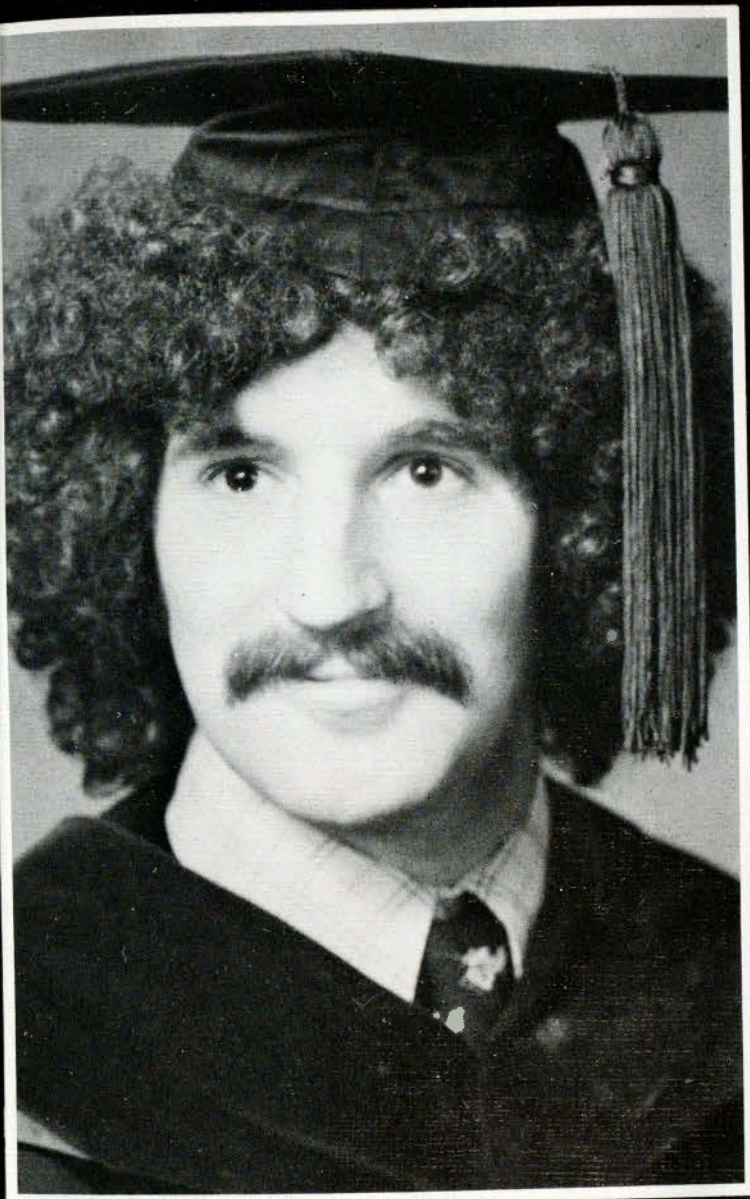


**HAROLD SANDROCK, D.O.**  
 Pittsburgh, Pennsylvania  
 B.A., Washington and Jefferson College

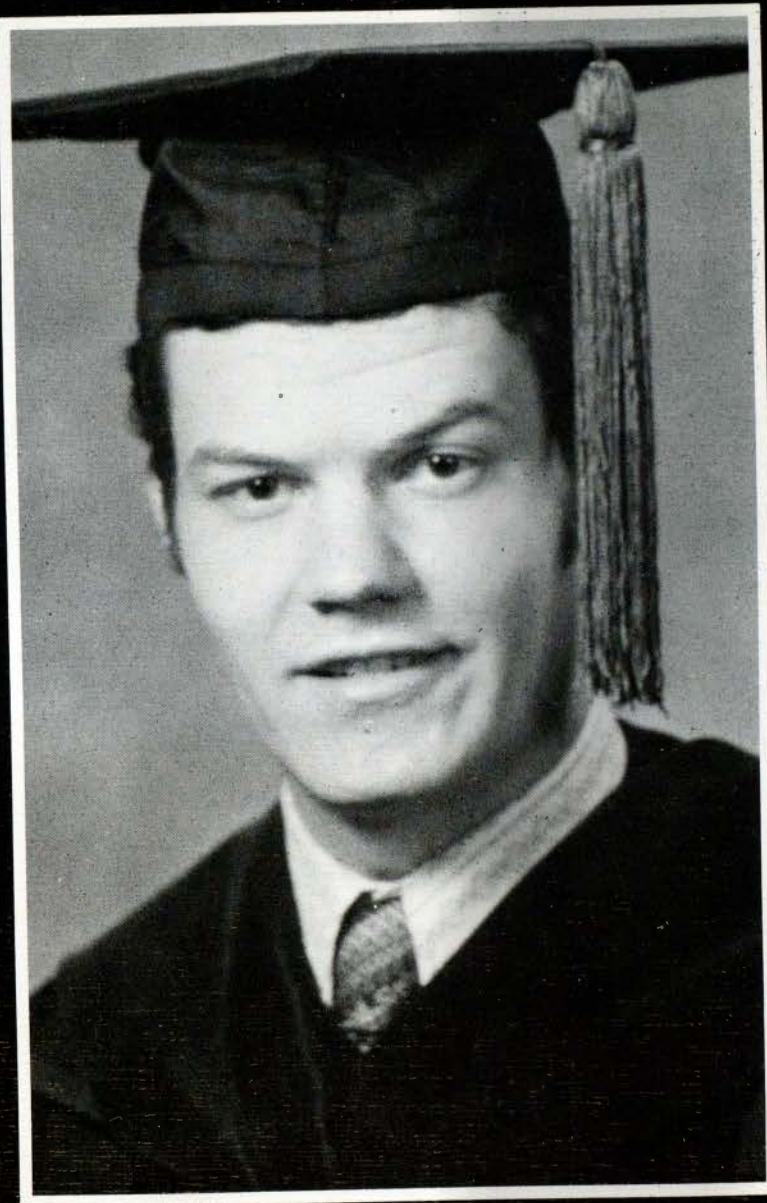


**BARTON SCHEINFELDT, D.O.**  
 Philadelphia, Pennsylvania  
 B.A., Temple University



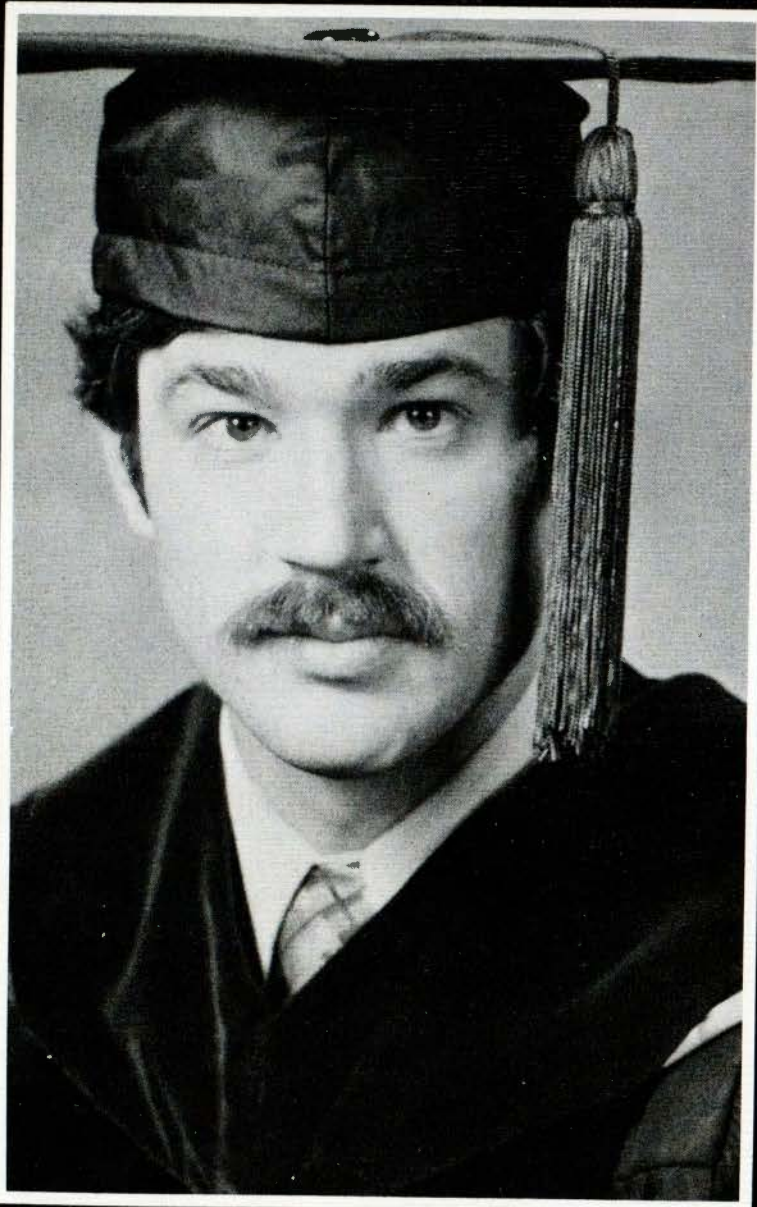


**THOMAS J. SCHEUERMAN, D.O.**  
 Yardley, Pennsylvania  
 B.A., LaSalle University  
 PSA

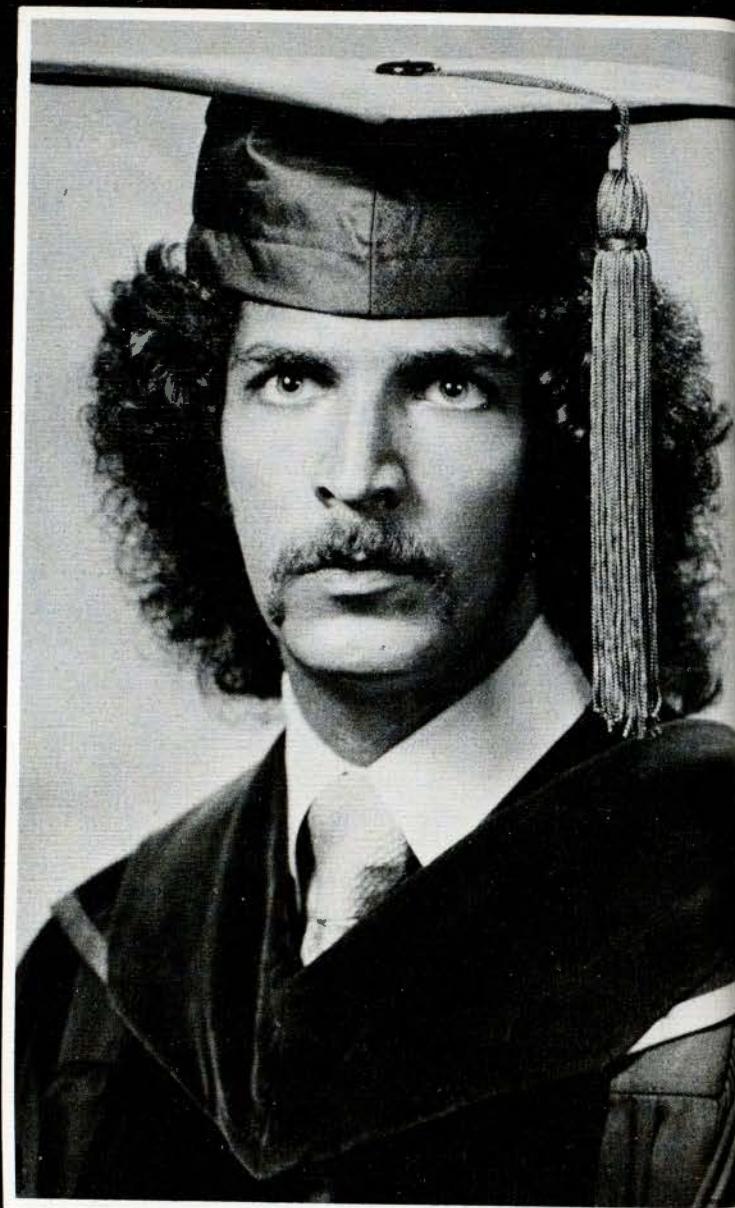


**G. PHILIP SCOTT, D.O.**  
 Drexel Hill, Pennsylvania  
 B.S., Saint Joseph's College





**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

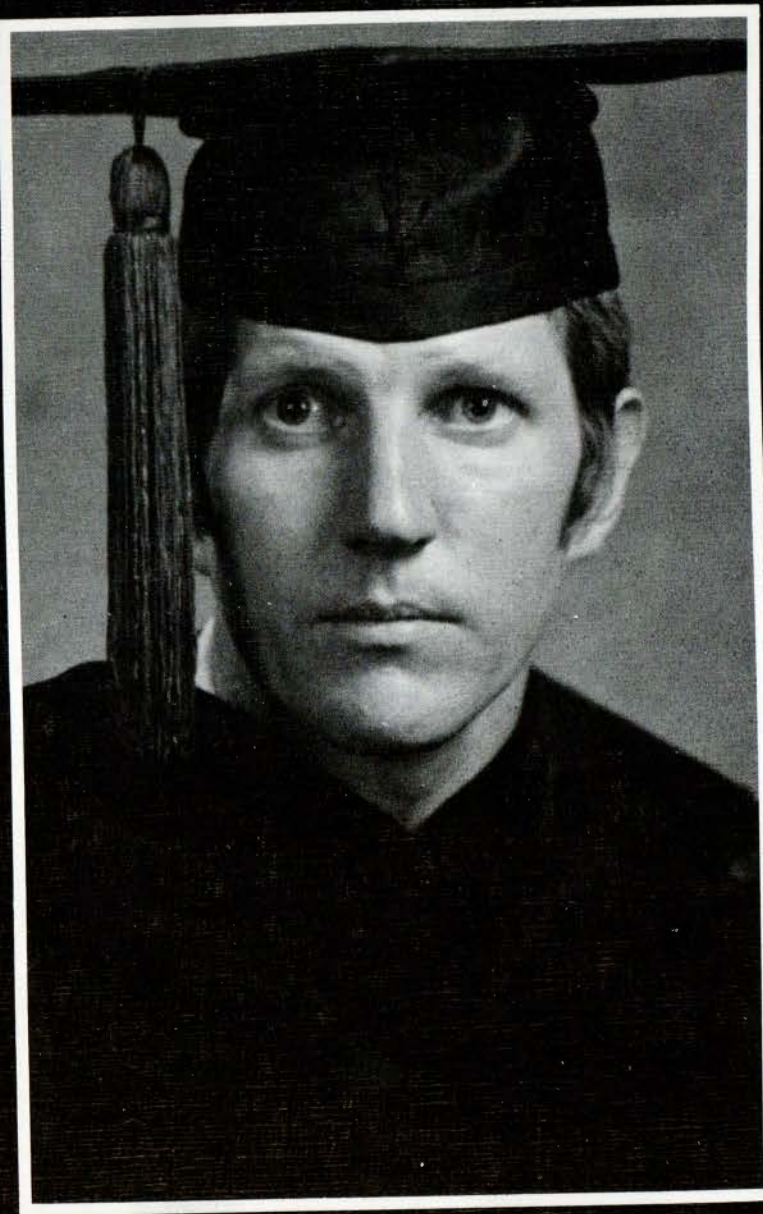


**JOSEPH F. SEROTA, D.O.**  
 Philadelphia, Pennsylvania  
 B.S., Pennsylvania State University



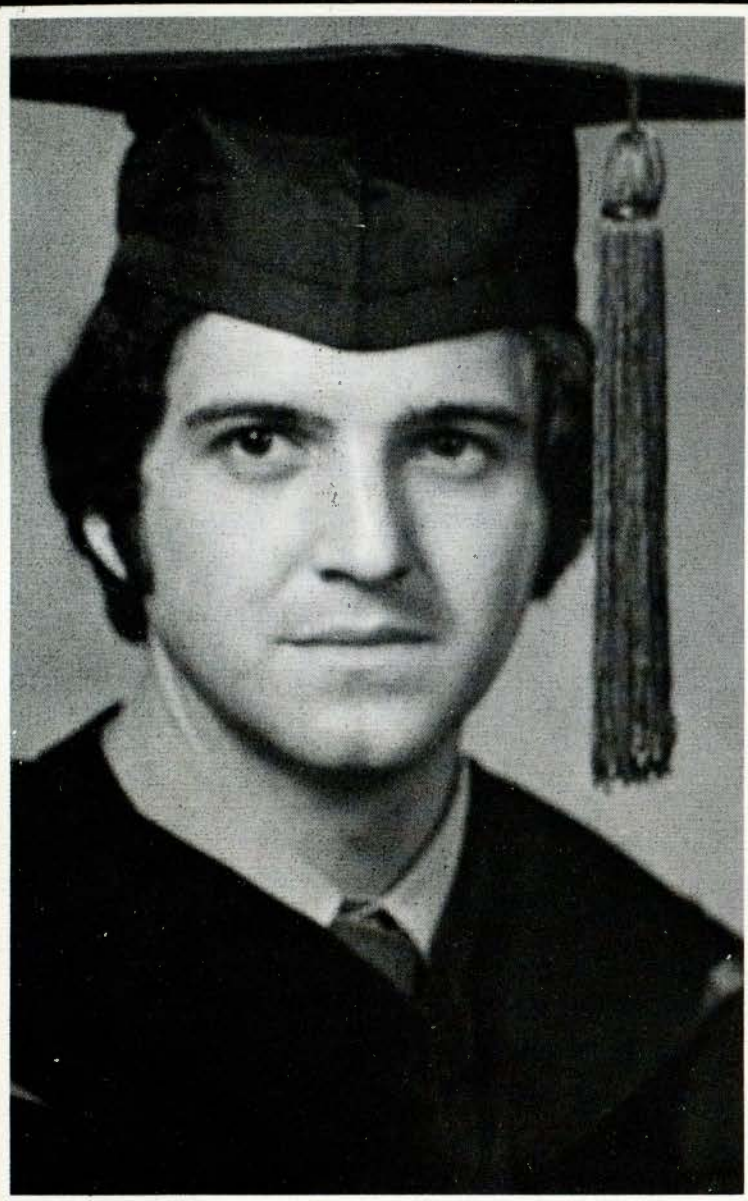


**EDWARD SHAPIRO, D.O.**  
Philadelphia, Pennsylvania  
B.S., Pennsylvania State University  
LOG



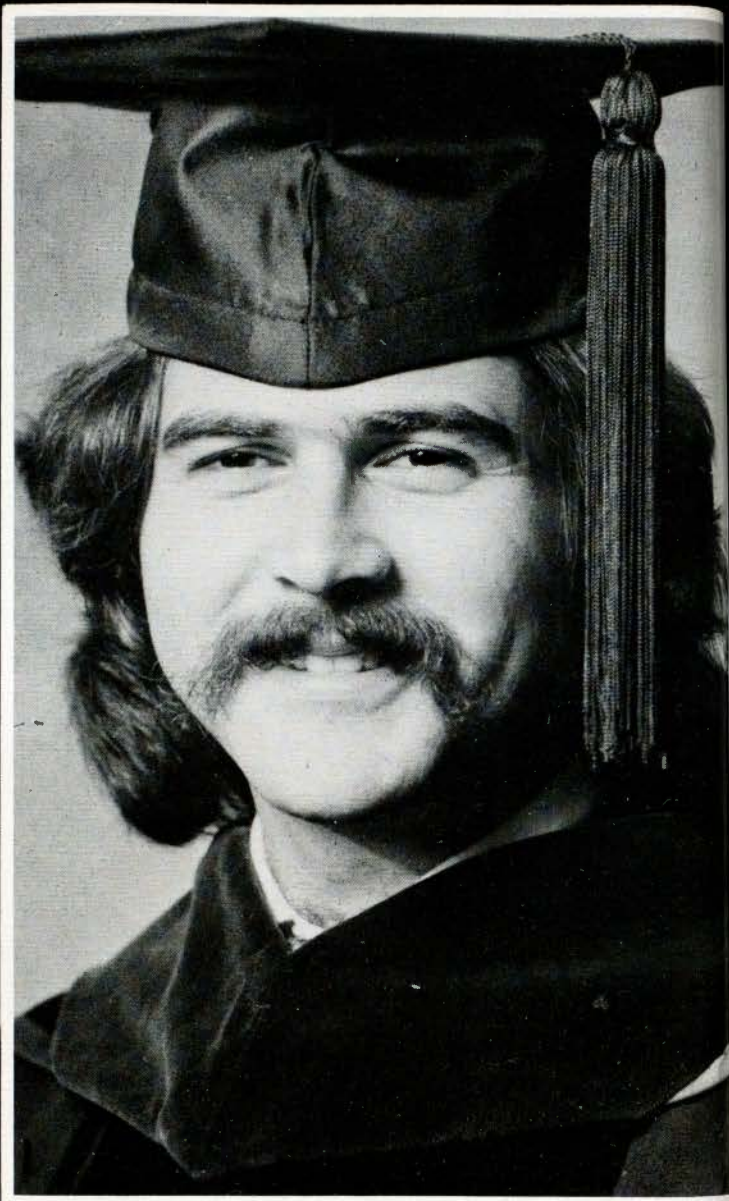
**CLAYTON T. SHAW, D.O.**  
Altoona, Iowa  
B.S., M.S., Massachusetts College of Pharmacy  
M.A., M.A.T., University of Massachusetts  
Microbiology Lab Assistant  
Senior Class President





**IRA SHELDON, D.O.**

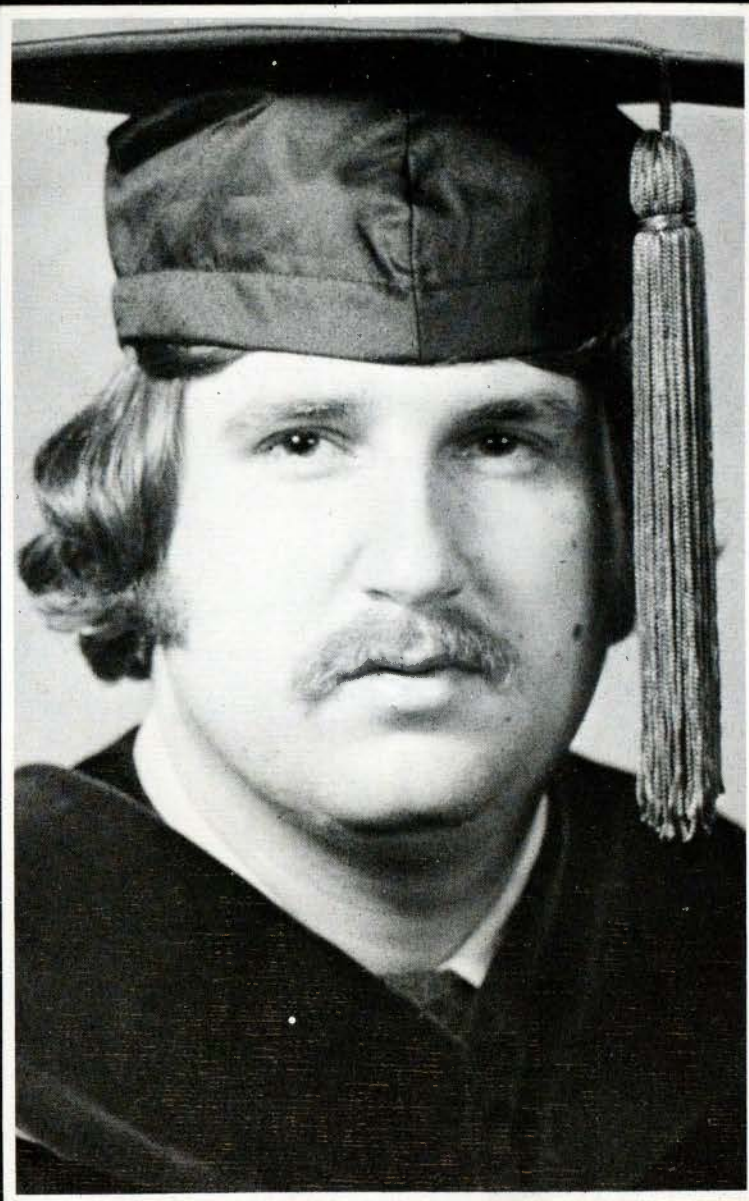
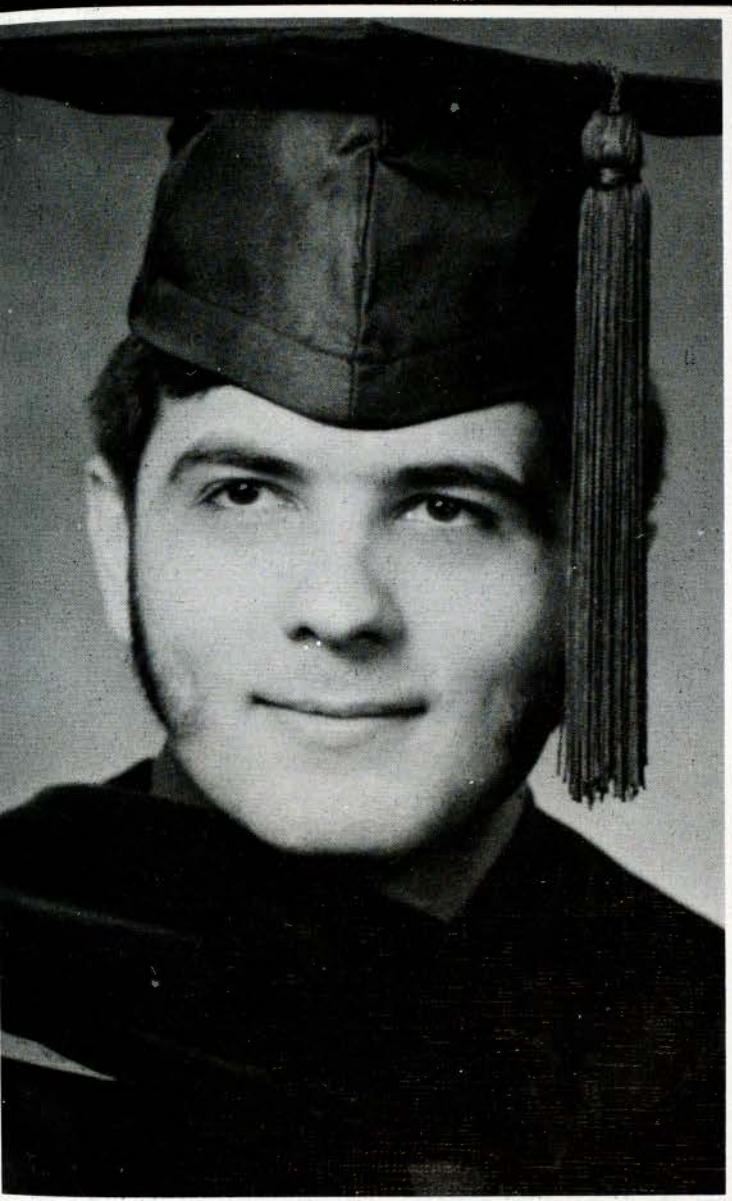
Bayside, New York  
B.S., Brooklyn College of Pharmacy  
PSA



**RICHARD SHEPARD, D.O.**

University Heights, Ohio  
B.A., University of Wisconsin





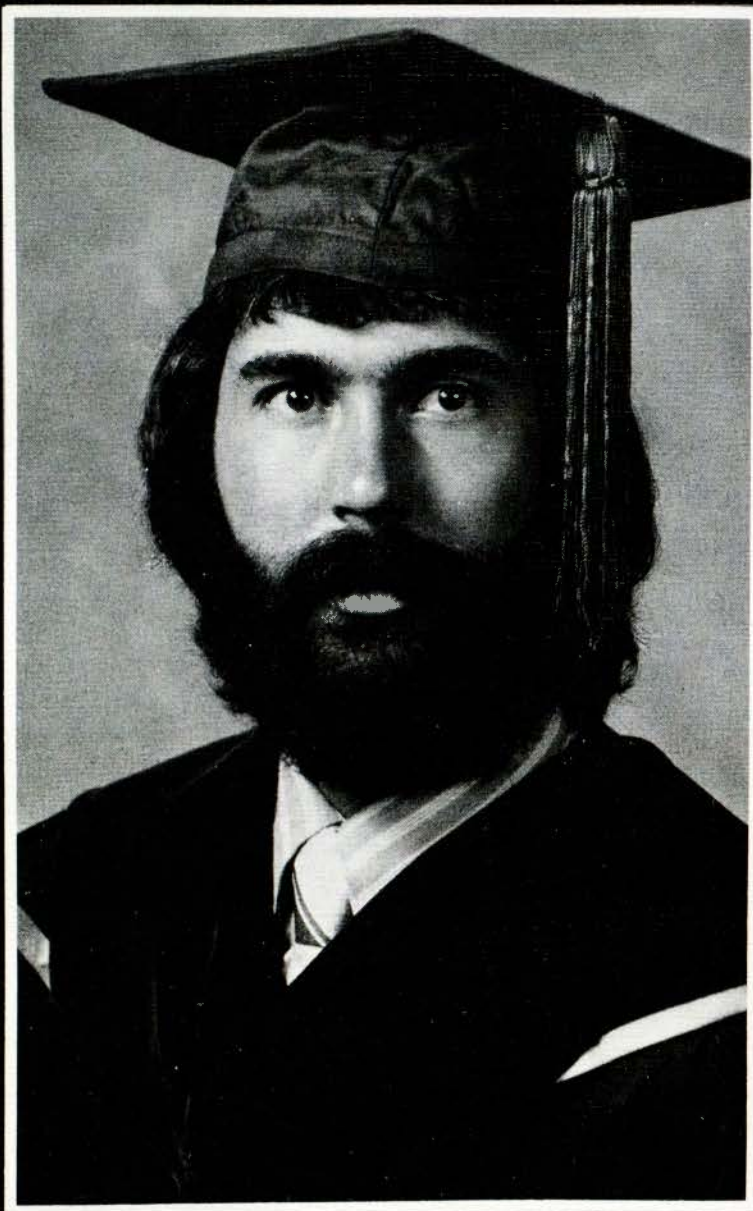
**WARREN STEVEN SILBERMAN, D.O.**

Philadelphia, Pennsylvania  
 A.A., Community College of Philadelphia  
 B.A., Temple University  
 Anatomy Lab Assistant

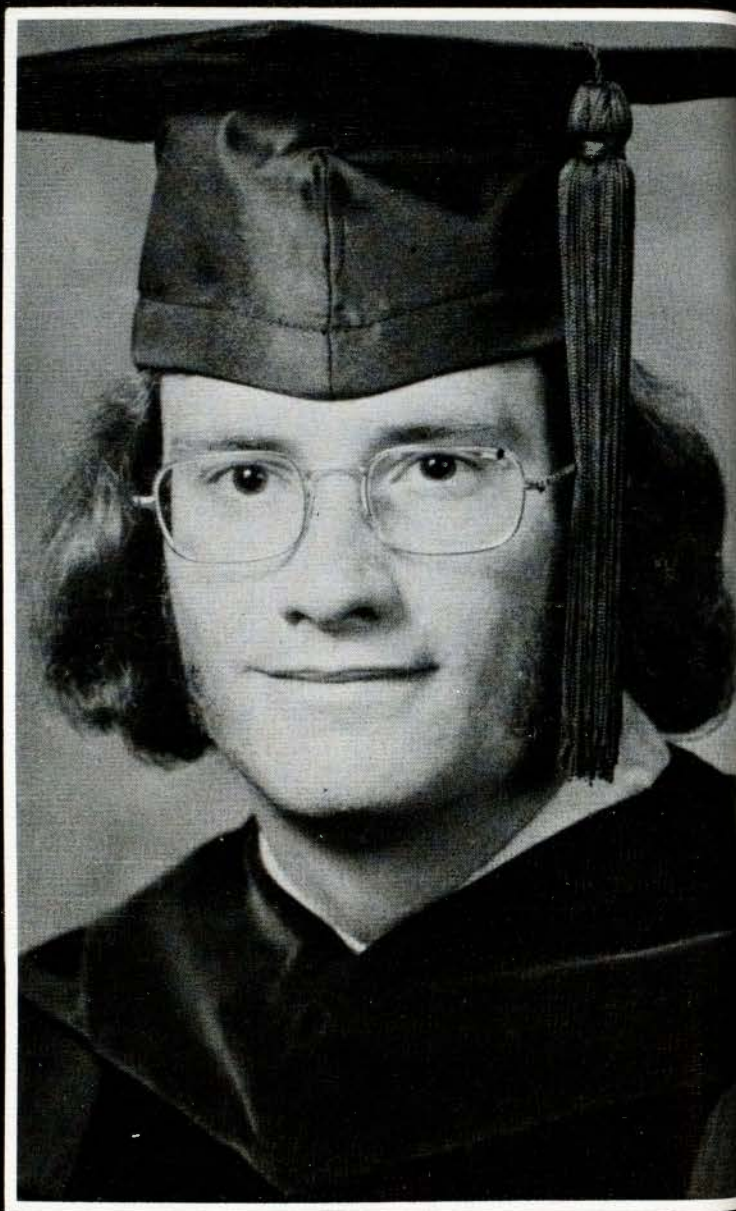
**PAUL I. SILVERSTEIN, D.O.**

Clark, New Jersey  
 B.S., Ohio State University  
 PSG  
 Anatomy Lab Assistant



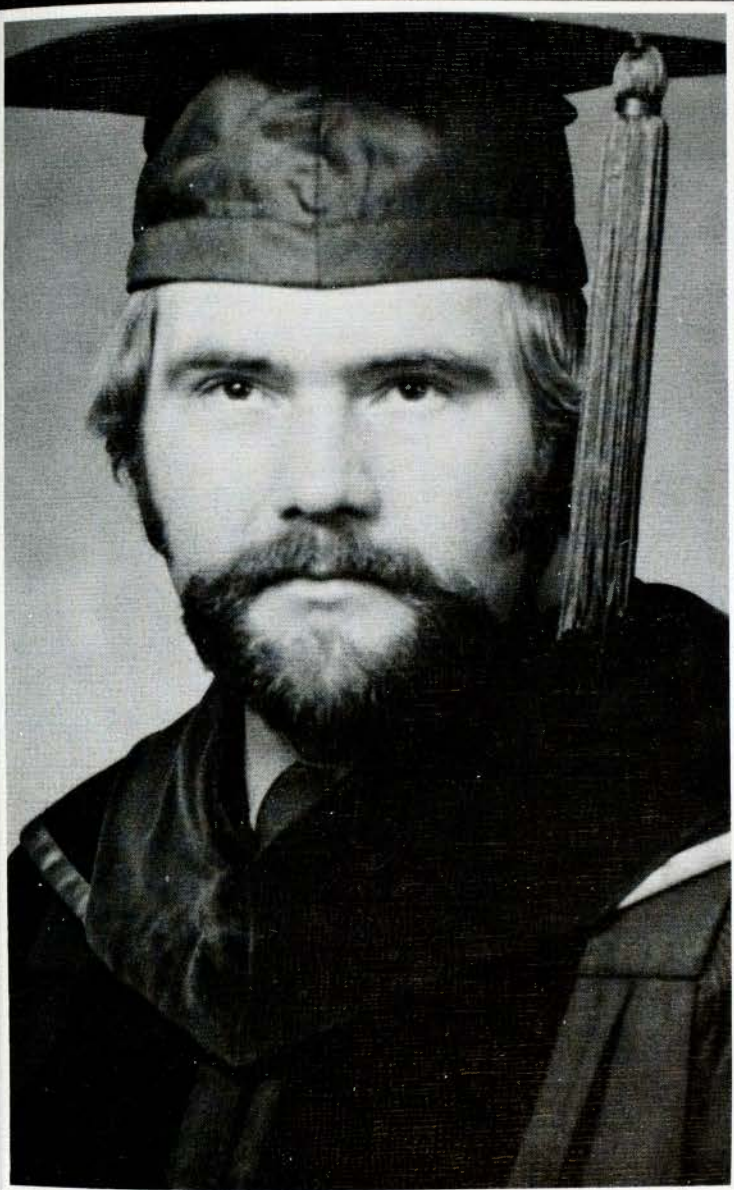


**ROBERT C. SPRINGER, D.O.**  
Denver, Colorado  
B.A., University of Arizona



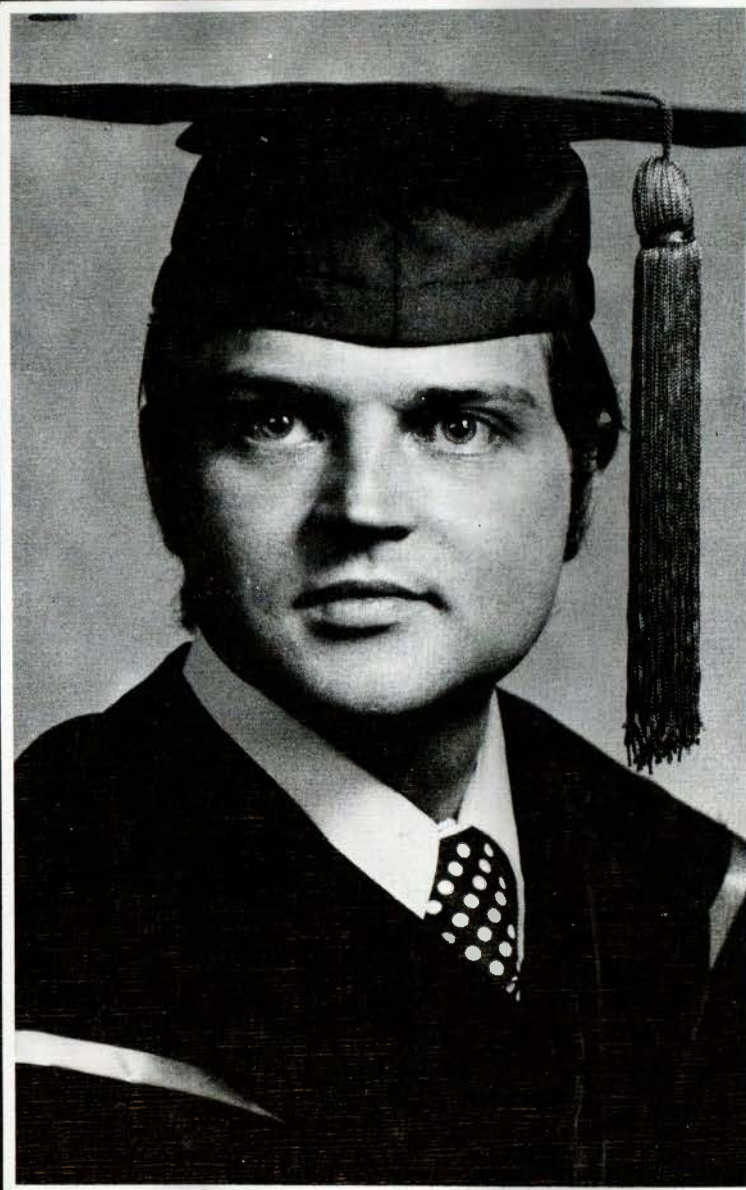
**JOHN E. STIMLER, D.O.**  
Cuyahoga Falls, Ohio  
B.S., University of Dayton  
PSA





**A. JAMES STREELMAN, D.O.**

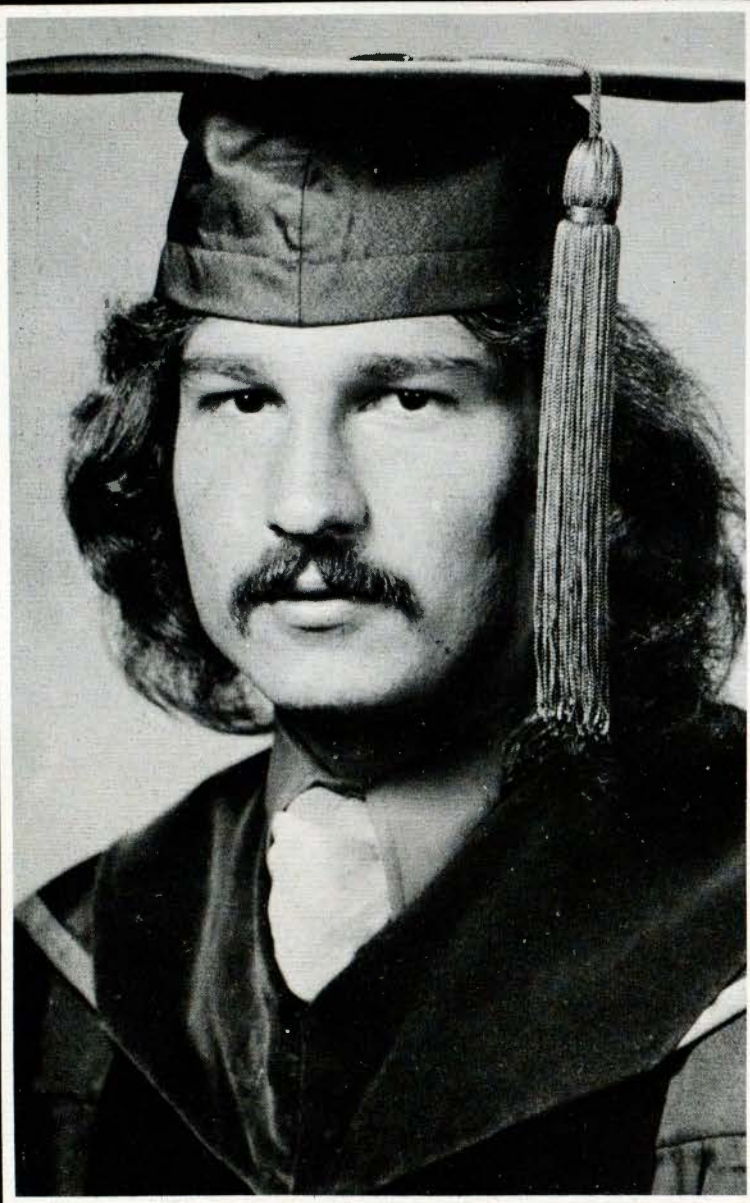
Artesia, California  
 B.S., Northwestern College  
 M.S., University of Iowa  
 Atlas



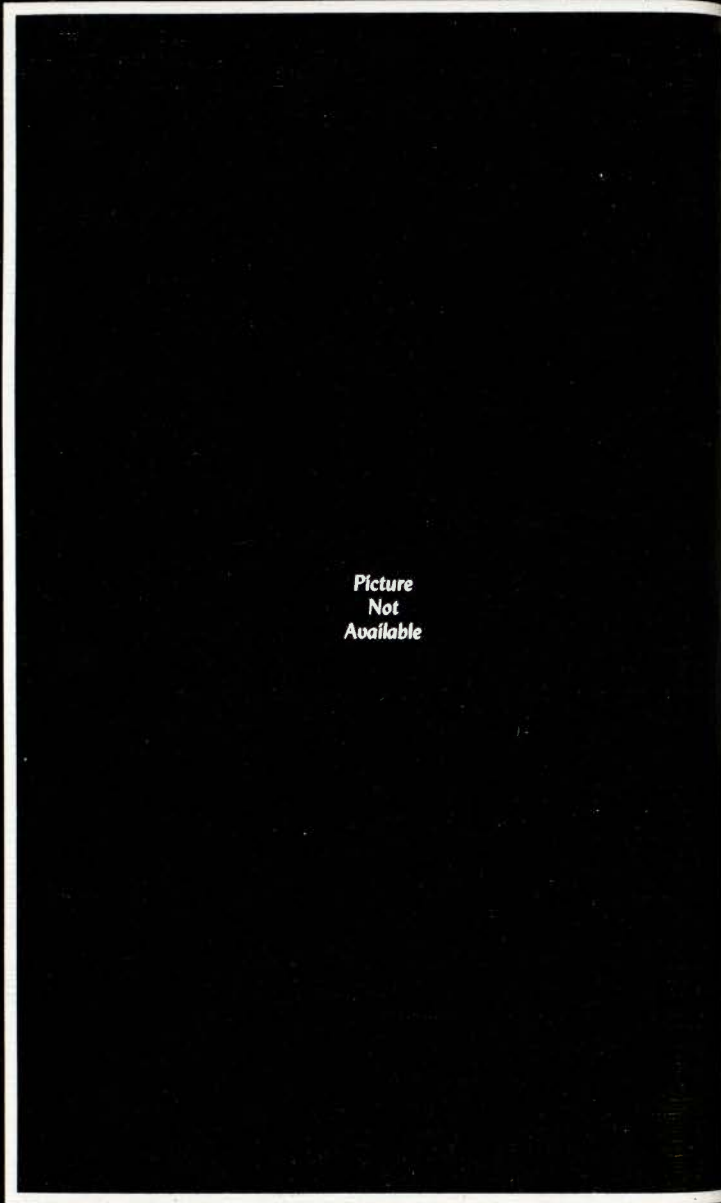
**KENNETH J. SUSKA, D.O.**

B.S., Wayne State University  
 Atlas





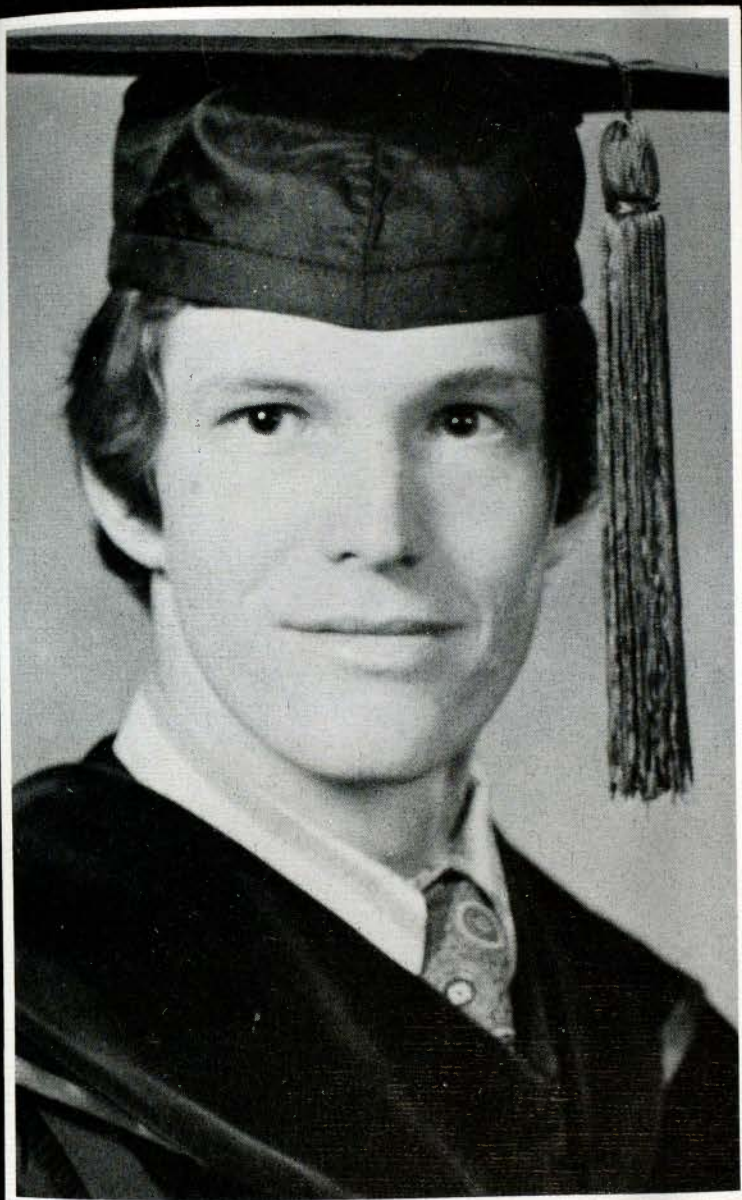
**ROBERT G. SYMONS, JR., D.O.**  
Wilmington, Delaware  
B.A., Barrington College



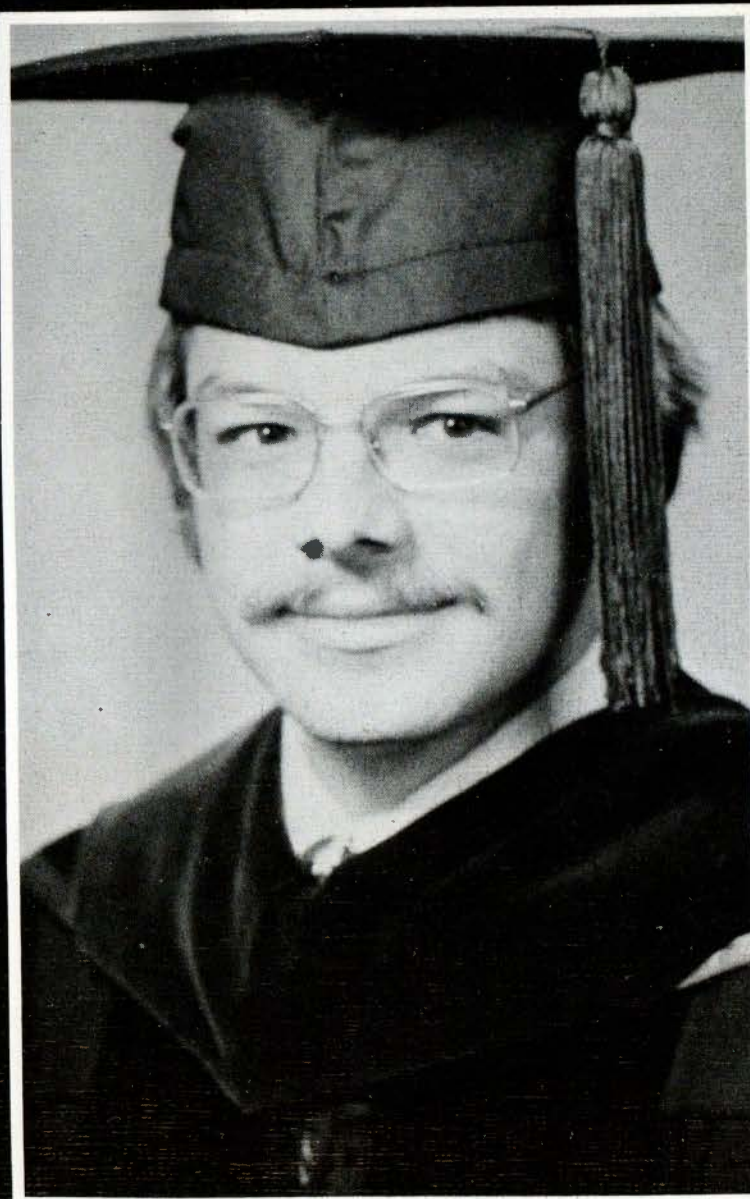
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**MARC TAFFLIN, D.O.**  
Philadelphia, Pennsylvania  
B.A., B.S., Pennsylvania State University



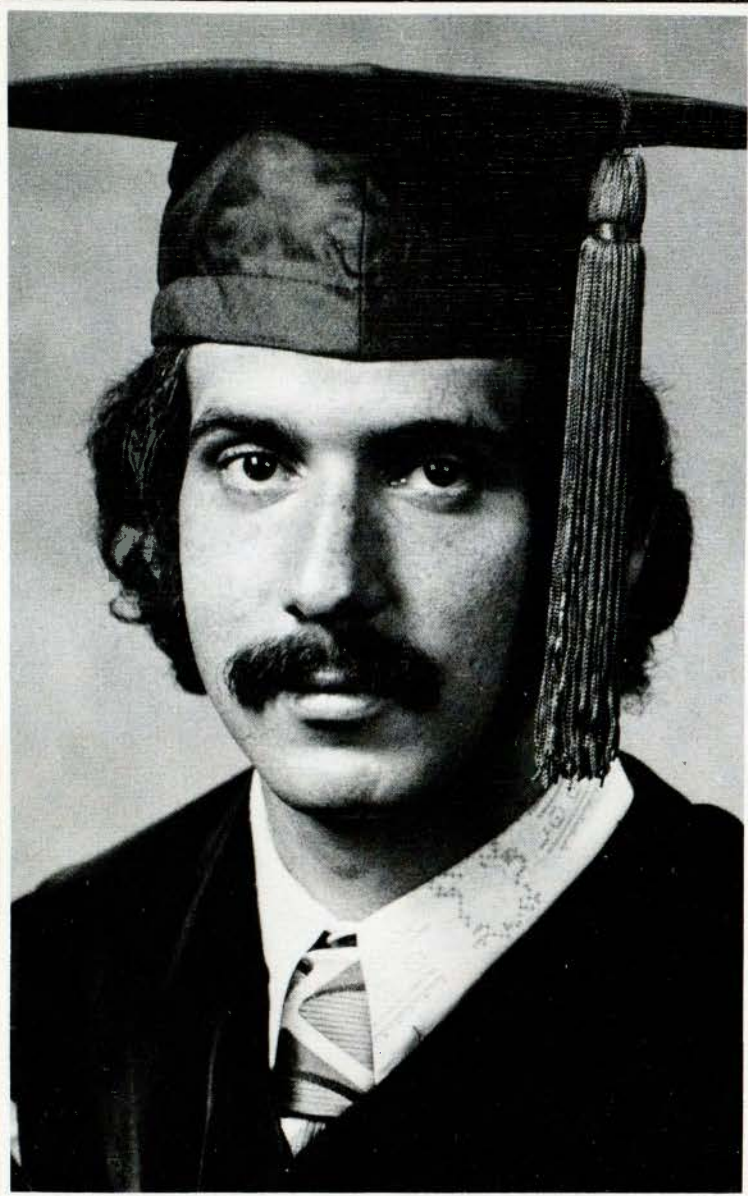


**MICHAEL W. TAWNEY, D.O.**  
 New Berlin, Wisconsin  
 B.A., University of Wisconsin  
 UAAO

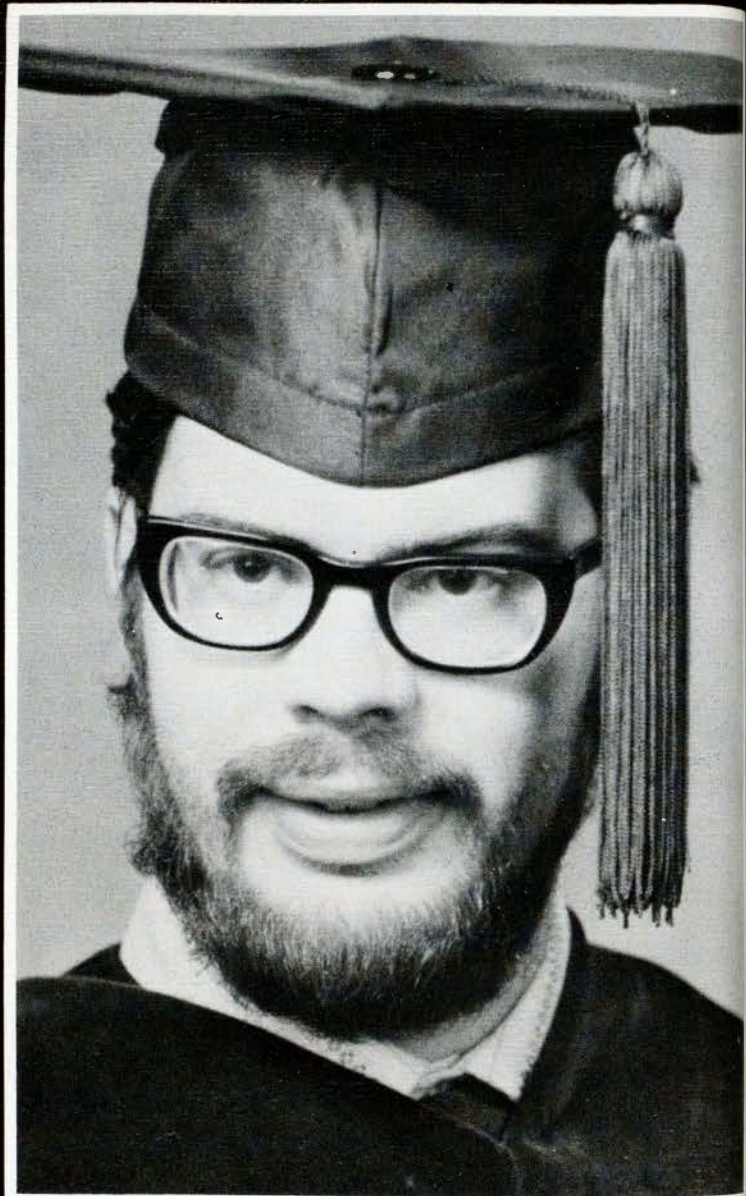


**MARK S. TAYLOR, D.O.**  
 Cedar Rapids, Iowa  
 B.S., Iowa State University  
 ACGP  
 SSP



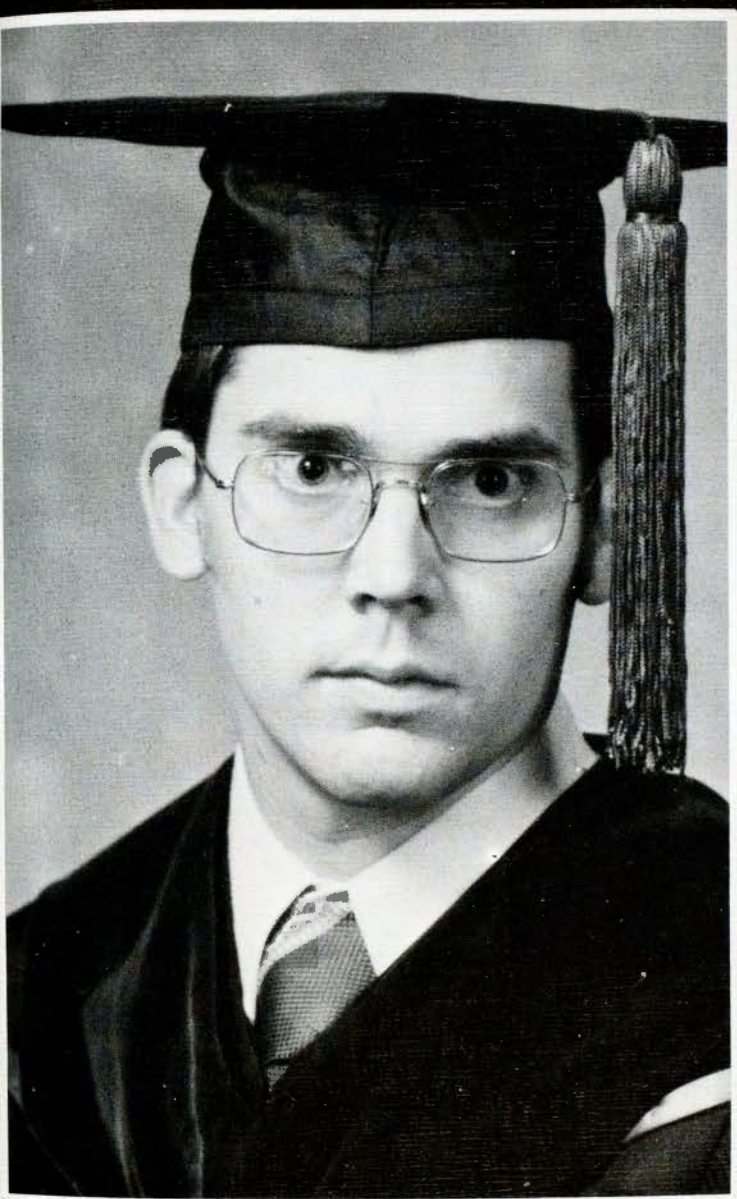


**HOWARD R. TEREBELO, D.O.**  
 Southfield, Michigan  
 B.S., Michigan State University  
 Anatomy lab assistant

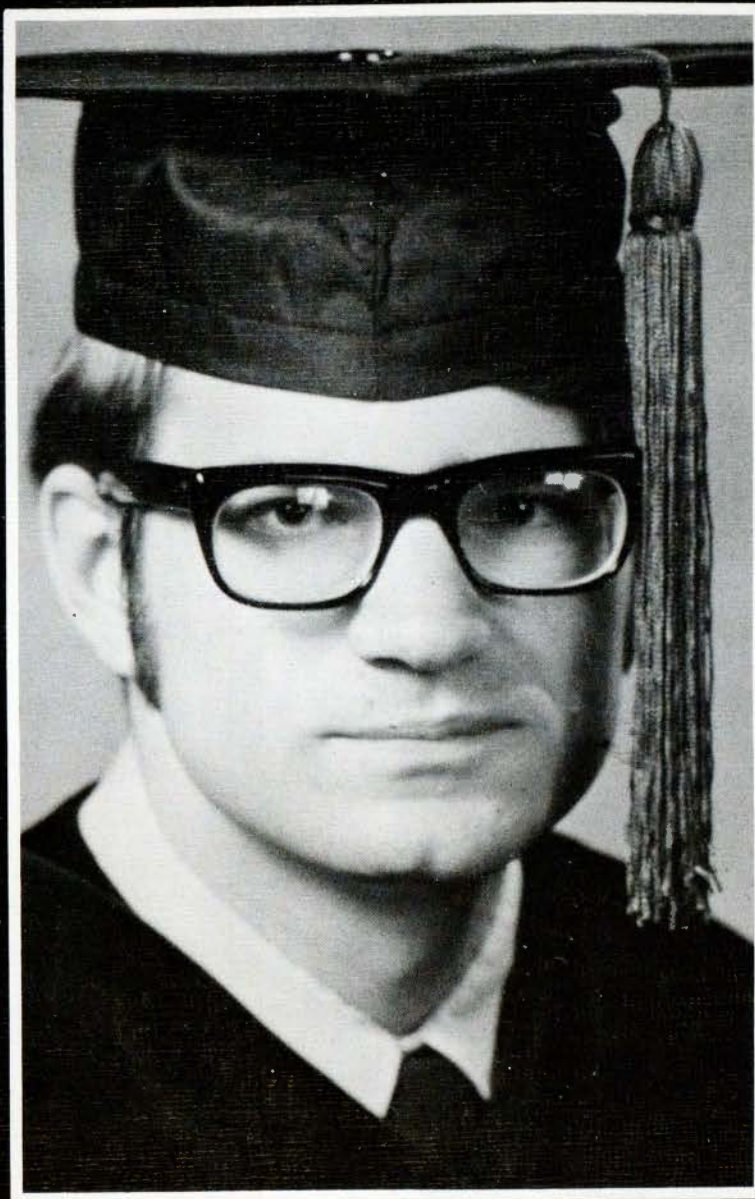


**ROBERT T. THELLMAN, D.O.**  
 Youngstown, Ohio  
 B.A., Youngstown State University



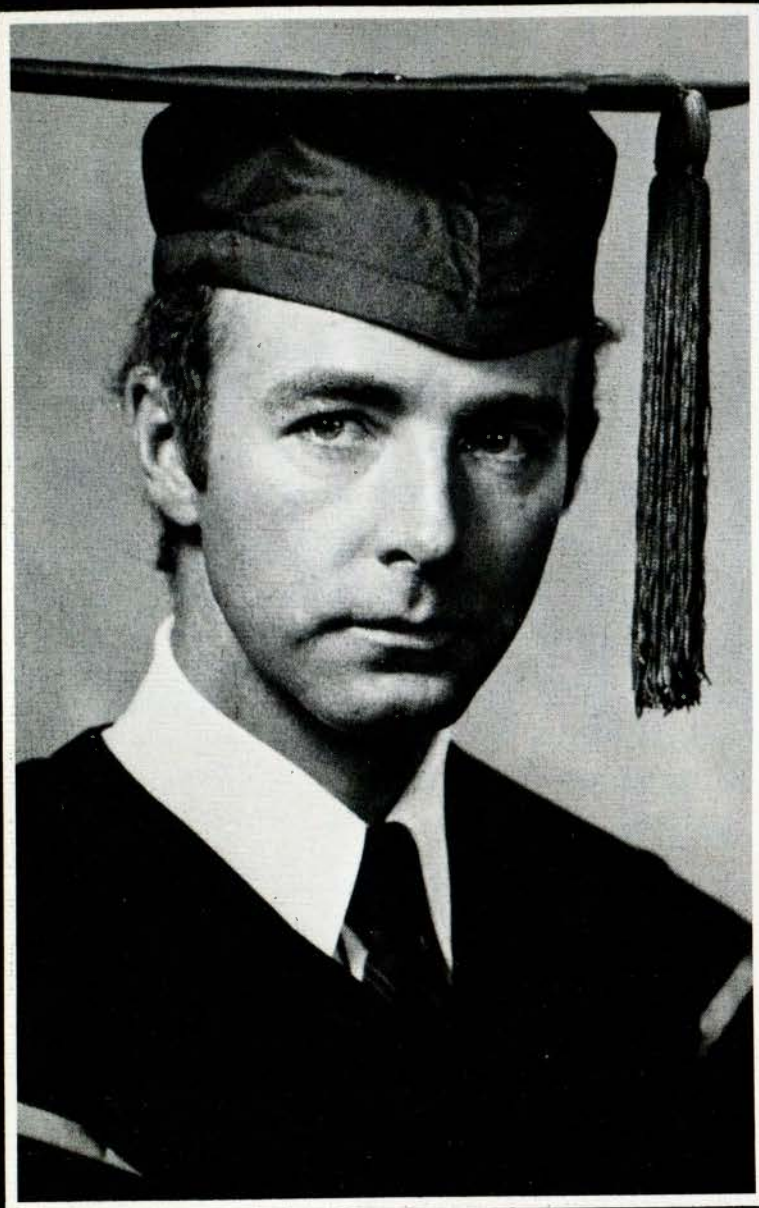


**SCOTT J. TILLESON, D.O.**  
 Clintonville, Wisconsin  
 B.S., Wisconsin State University  
 SSP  
 Pacemaker staff  
 Pathology lab assistant

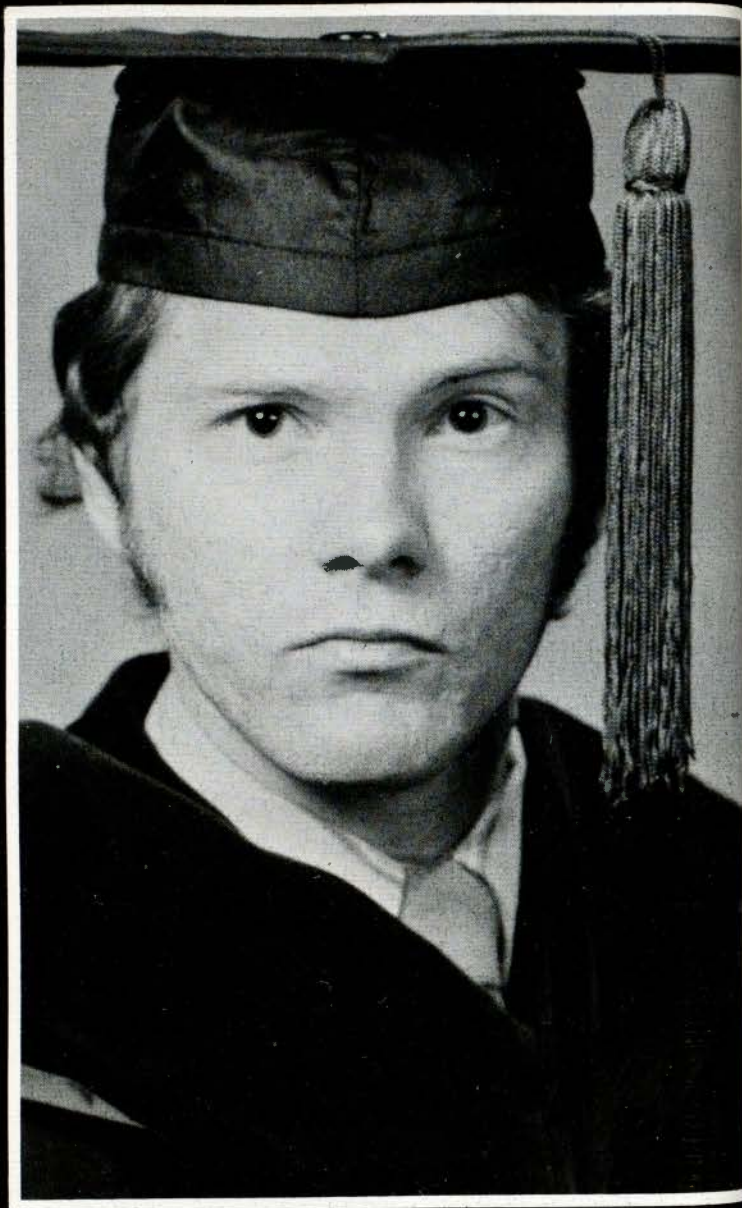


**DAVID TOELLER, D.O.**  
 Grand Rapids, Michigan  
 B.S., University of Michigan



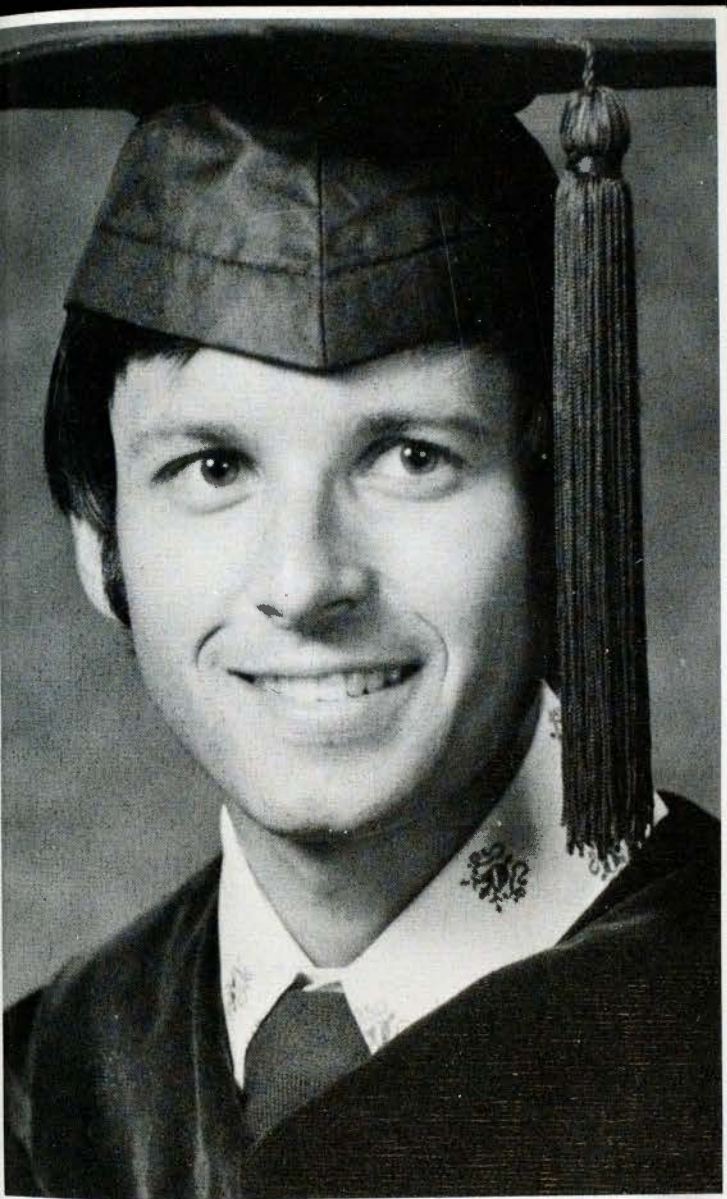


**DONALD A. UNDERWOOD, D.O.**  
 La Grande, Oregon  
 B.S., M.S., Eastern Oregon College

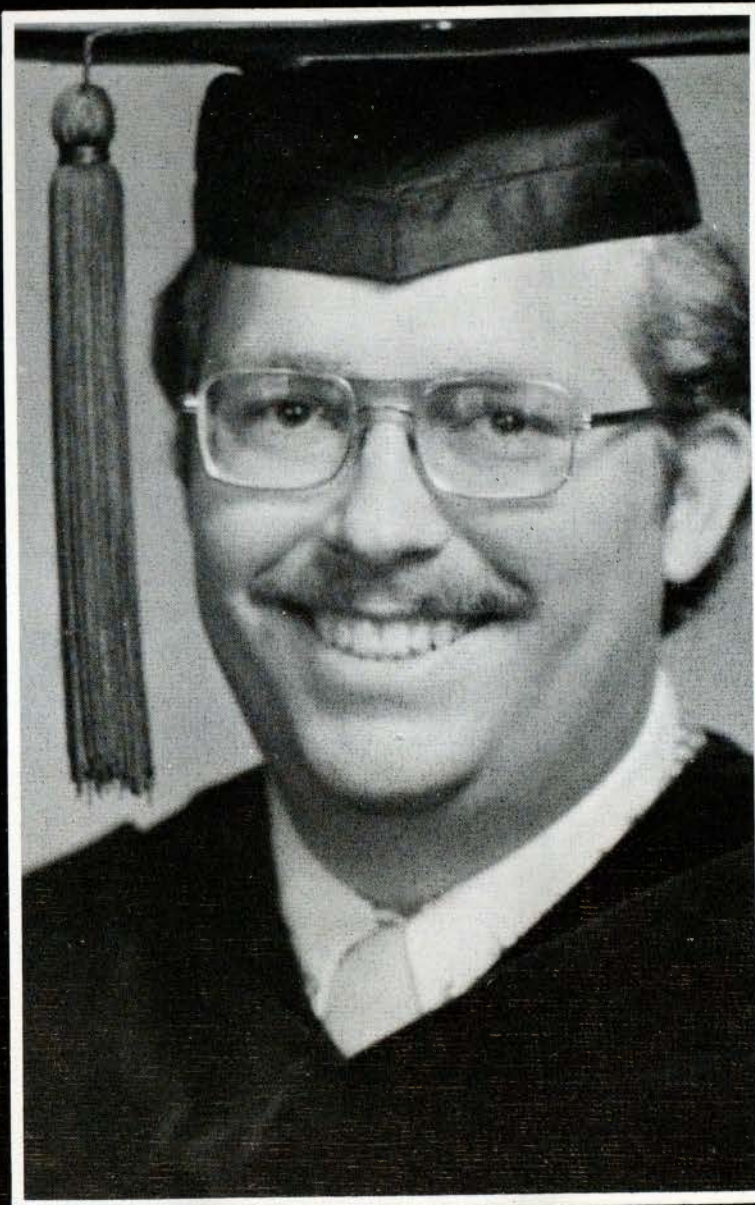


**MICHAEL BERNARD VANDEWALLE, D.O.**  
 Albion, Nebraska  
 B.S., Creighton University  
 Atlas Secretary and Treasurer



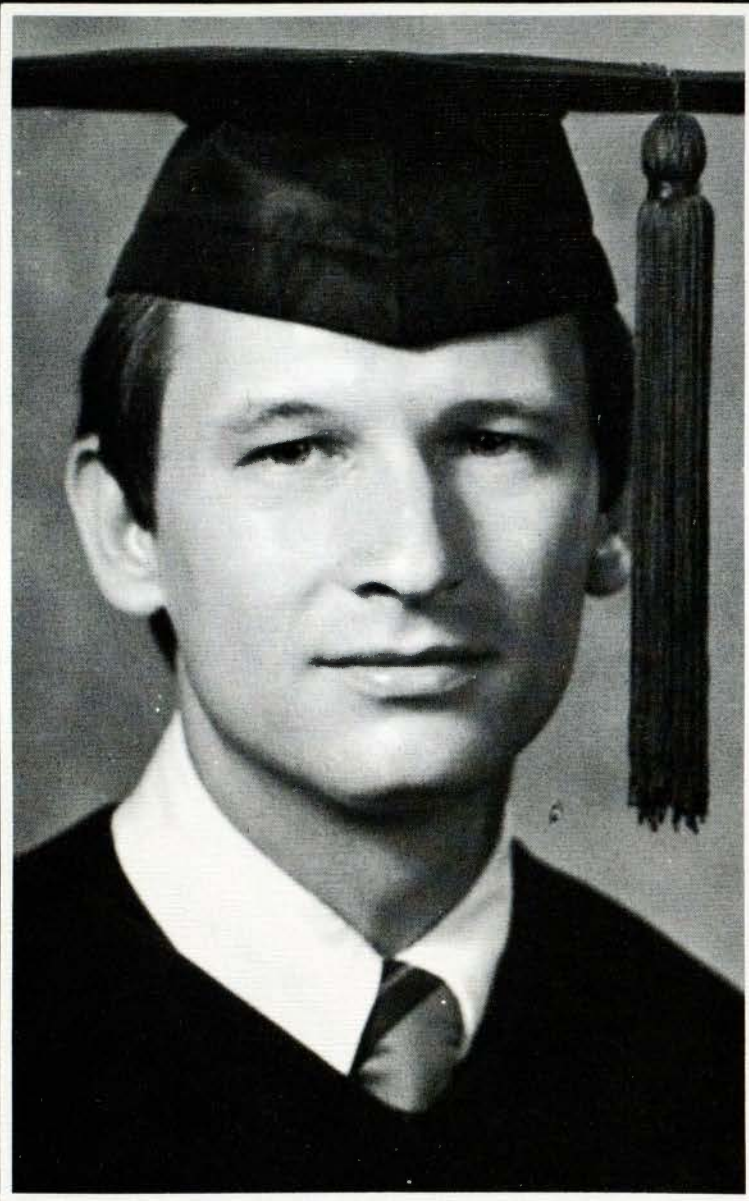


**JEROME R. VIDD, D.O.**  
Garfield Heights, Ohio  
B.A., Kent State University

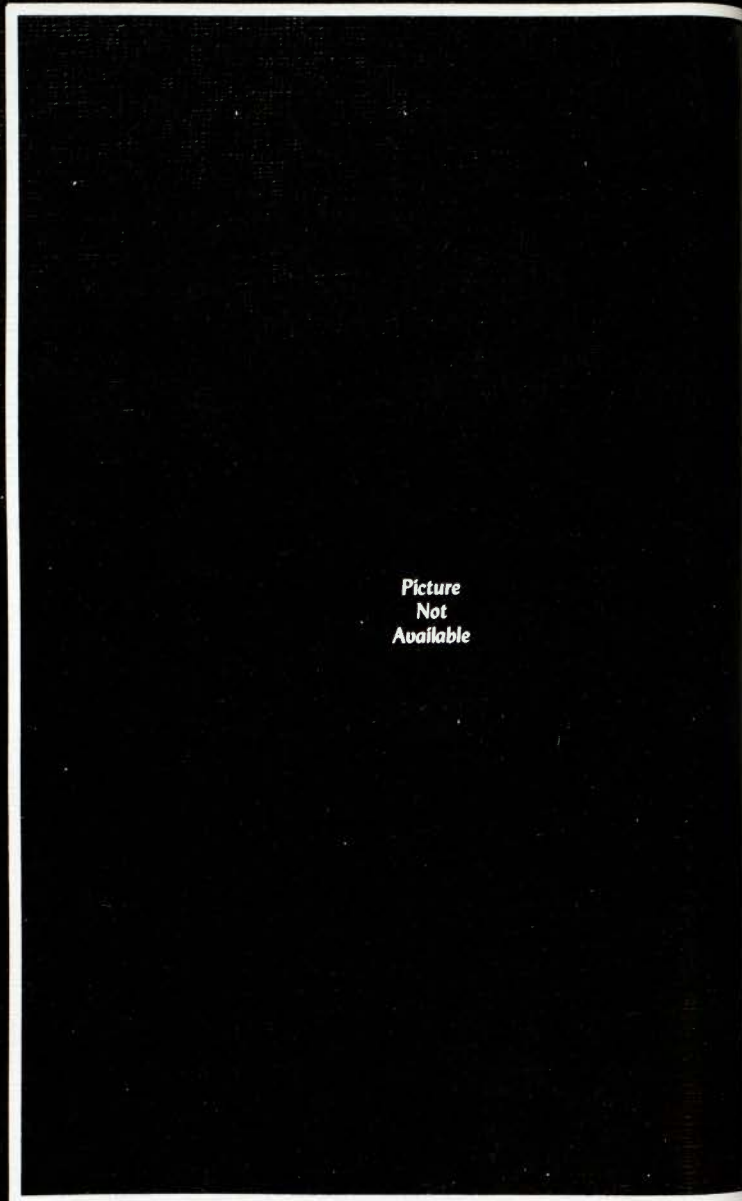


**DAVE E. WEBSTER, D.O.**  
Waxahachie, Texas  
B.A., University of Texas  
UAAO  
ACGP  
SSP  
Pacemaker staff



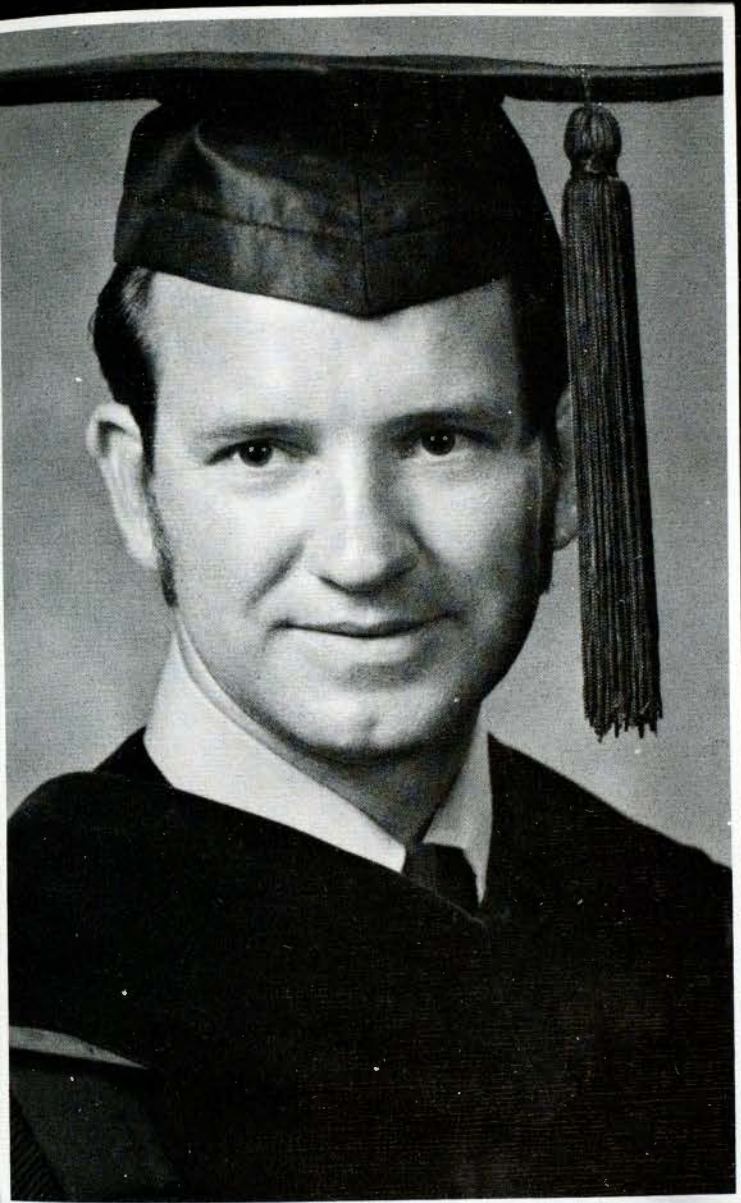


**DAVID LYNN WOLF, D.O.**  
Kokomo, Indiana  
B.S., Manchester College  
M.S.W., Indiana University



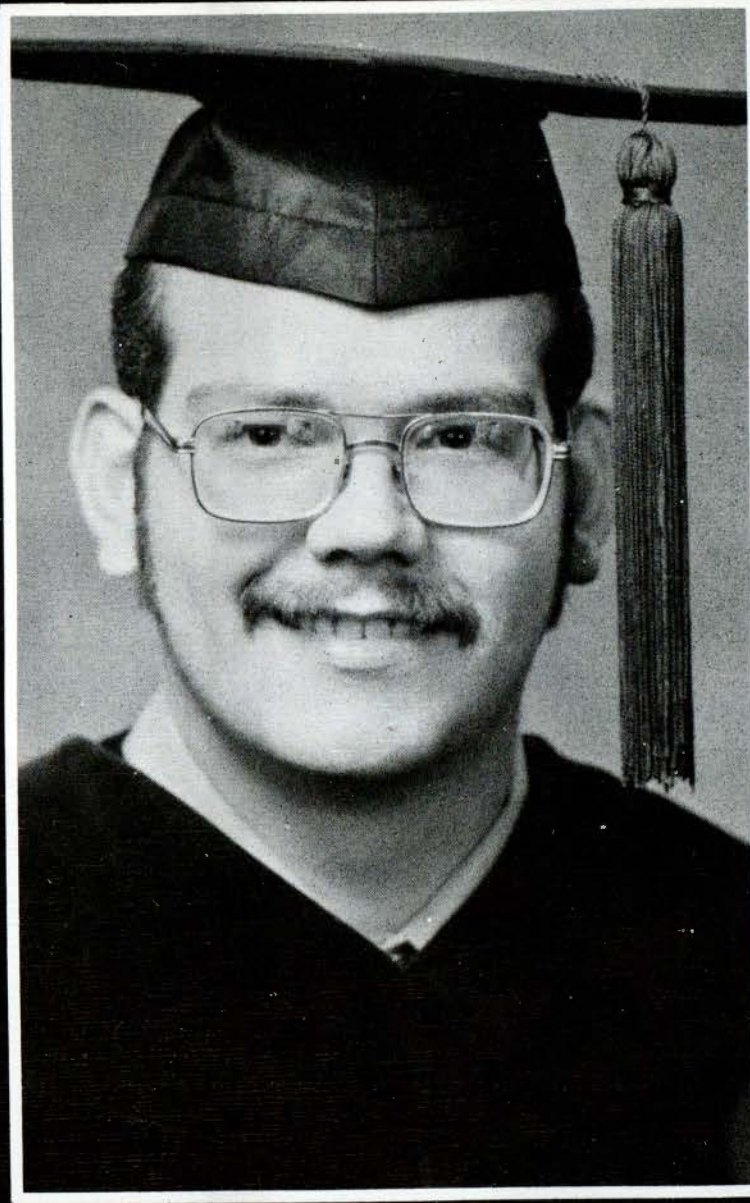
**LARRY A. WOODS, D.O.**  
Buffalo, Minnesota  
B.A., Concordia College





**HOMER J. WRIGHT, D.O.**

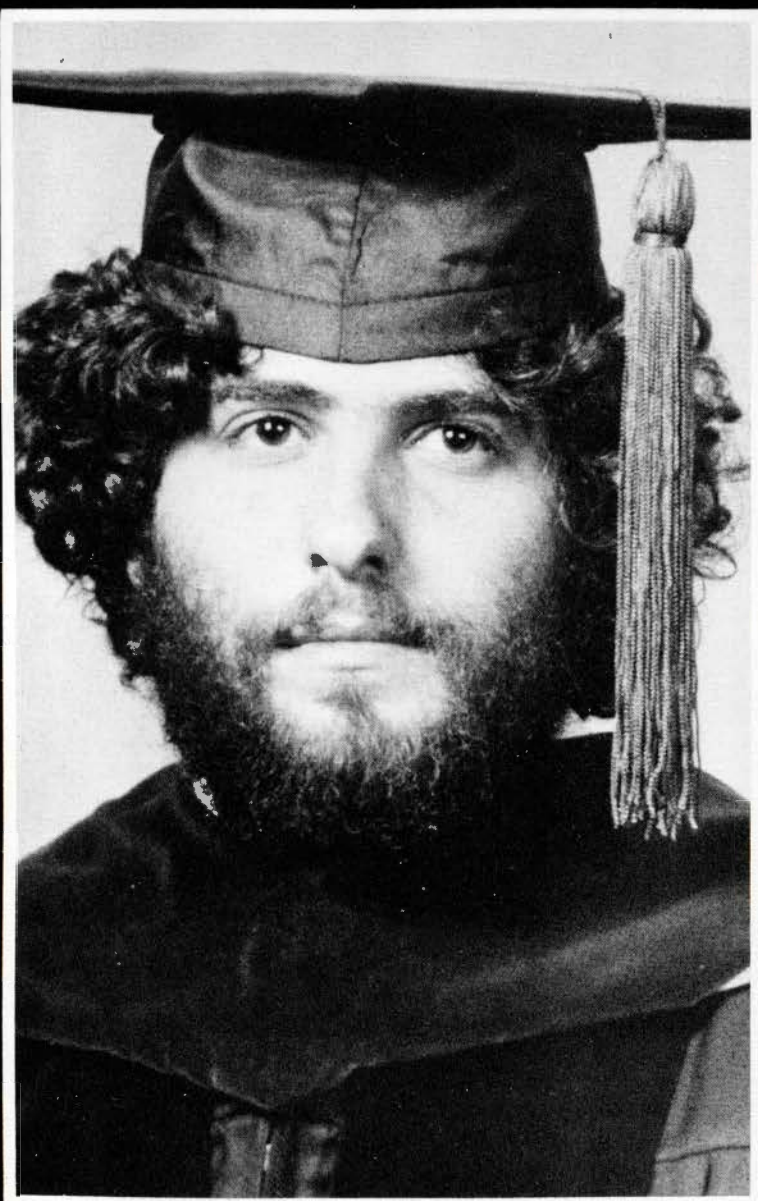
Vancouver, Washington  
 B.S., University of Washington  
 UAAO  
 ACGP  
 SOMA



**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

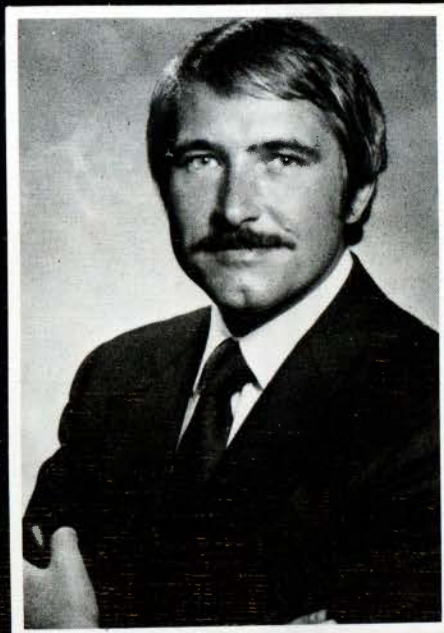
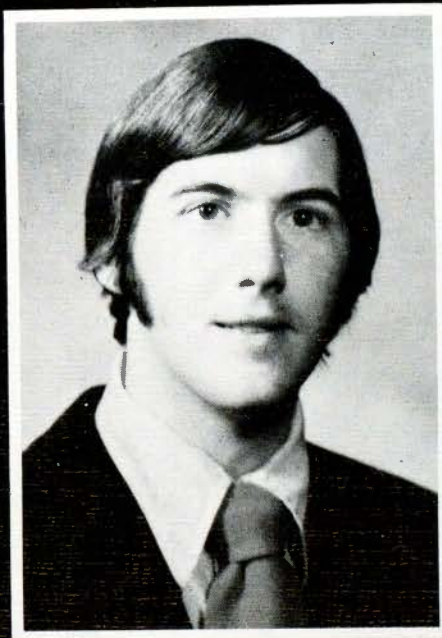
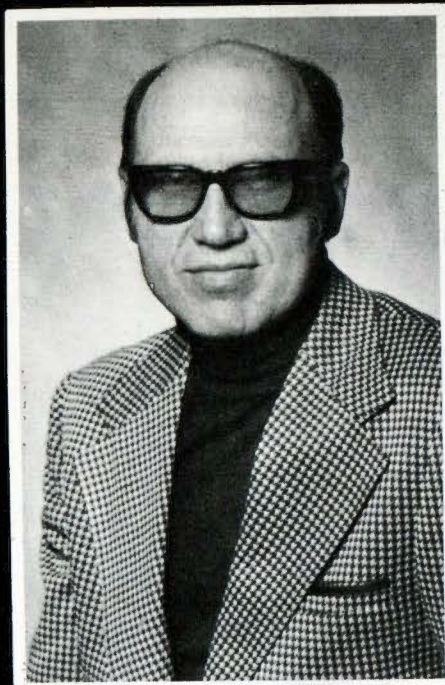
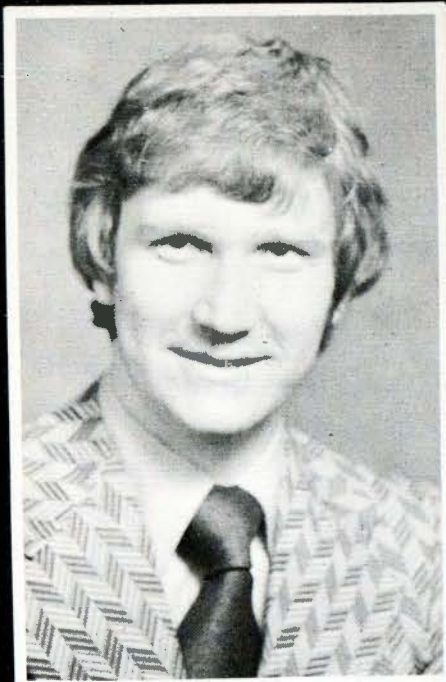
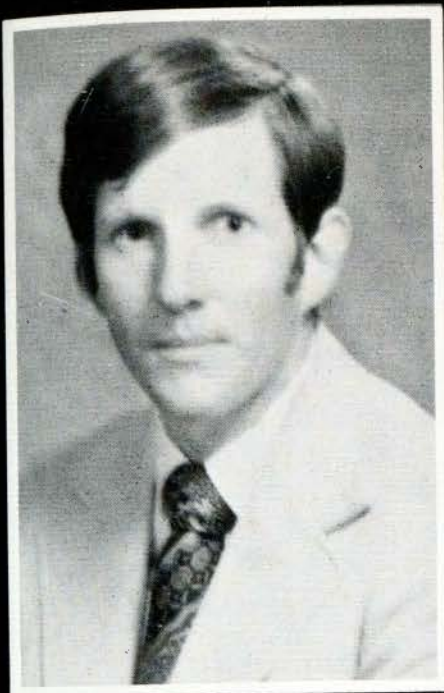
**ALAN J. ZEND, D.O.**

Brooklyn, New York

B.S., City College of New York



# Class Officers And Advisors



**President**  
**Clayton Shaw, D.O.**

**Vice President**  
**Stephen Gleason, D.O.**

**Advisor**  
**William Castle, D.O.**

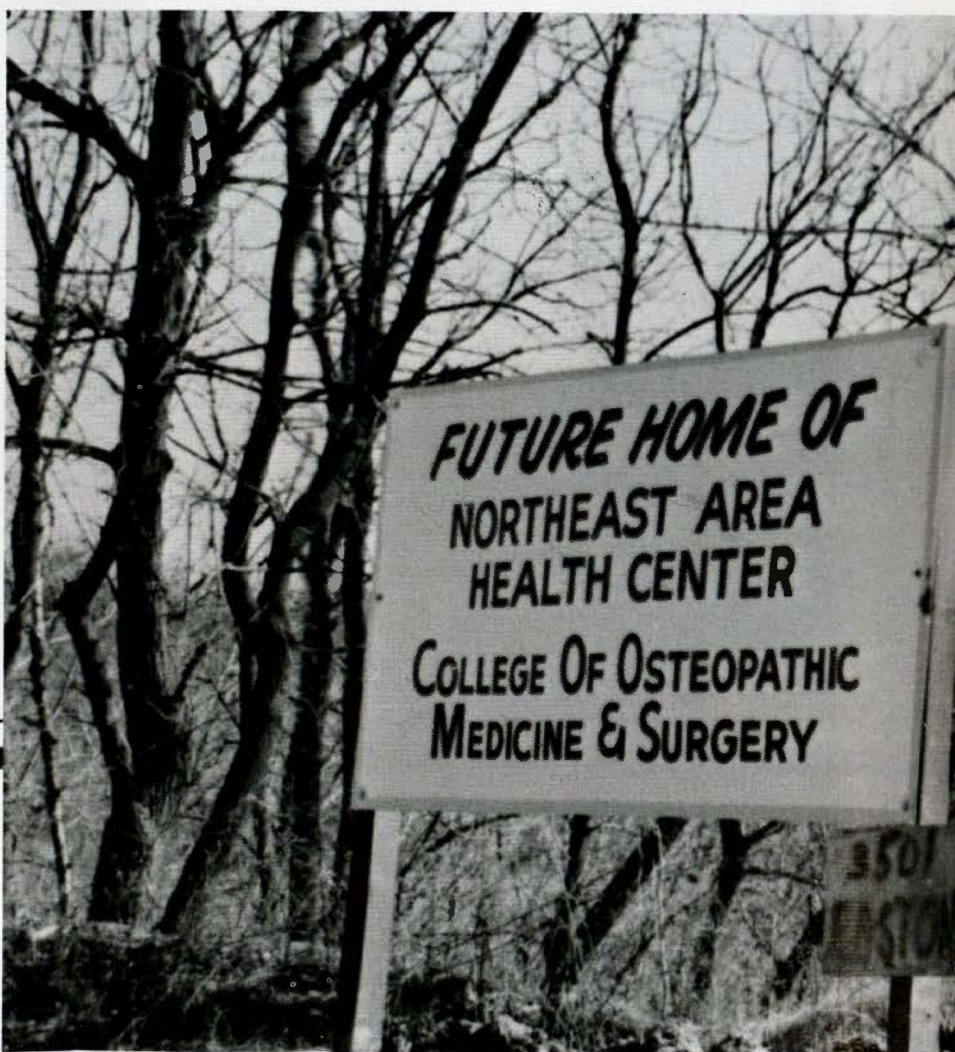
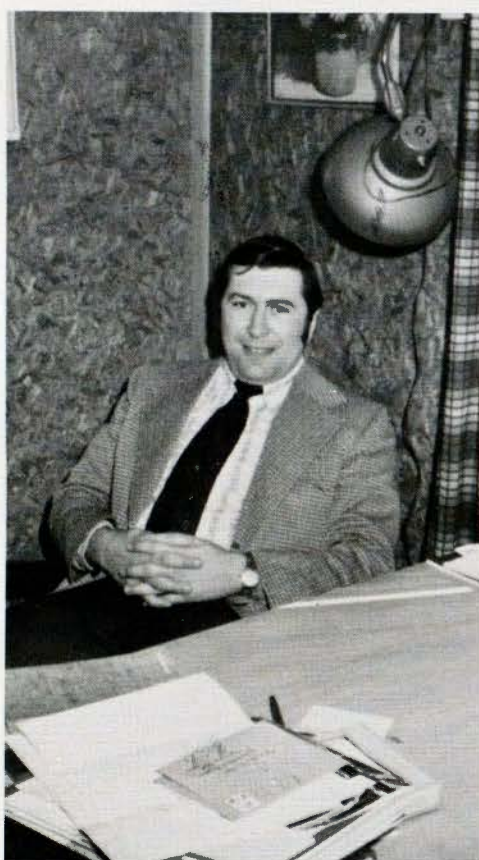
**Secretary**  
**Paul Panebianco, D.O.**

**Treasurer**  
**Robert Boyd, 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.

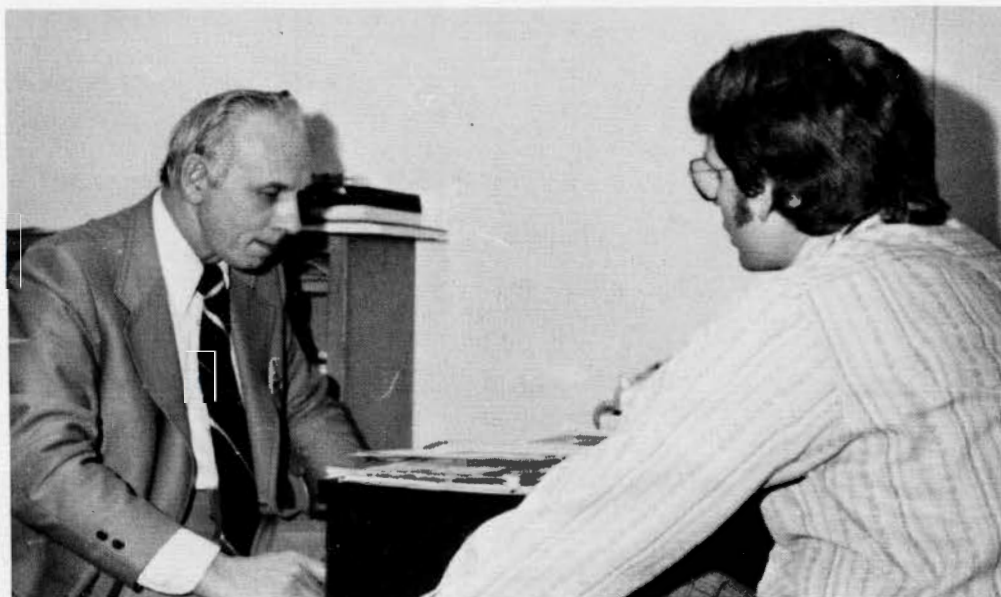
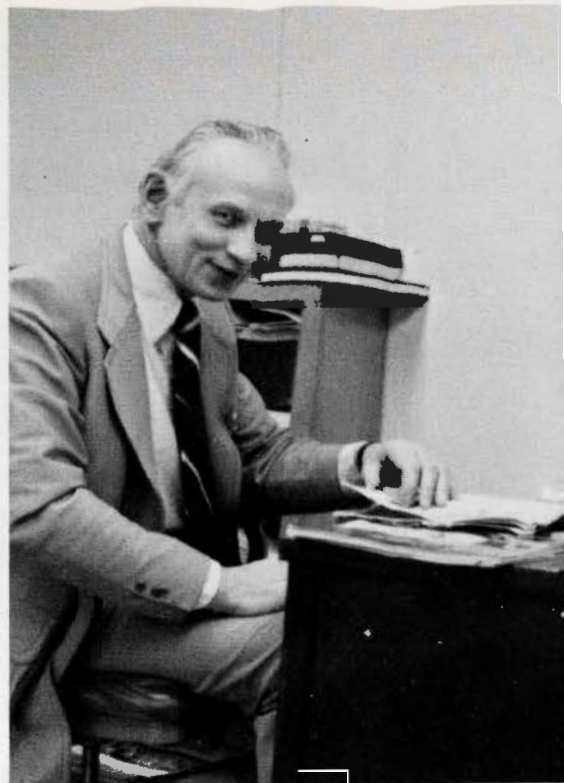


The recently completed North-East Clinic represents a major step towards health delivery to the hard core poverty area on Des Moines northeast side.

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**



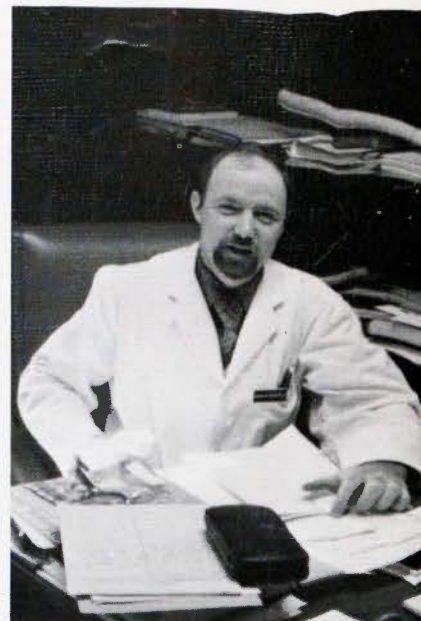
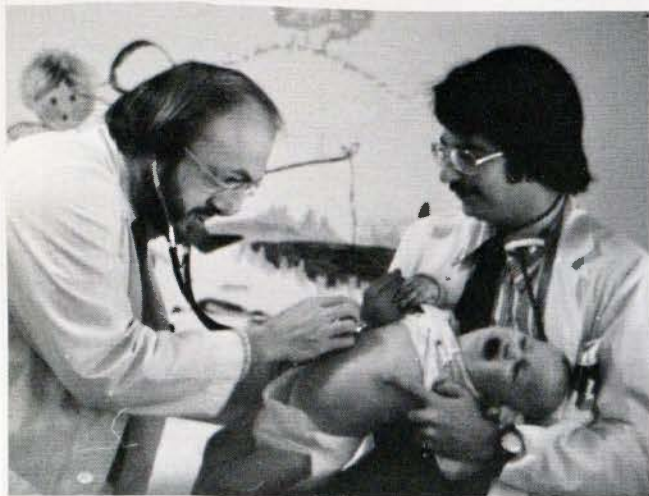
St. Doctor Brauner and friends.  
Linda Lantz R.N.-Dir. Nursing  
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Dartle Atherton-Business Office



# Redfield Family Practice Clinic And Hospital

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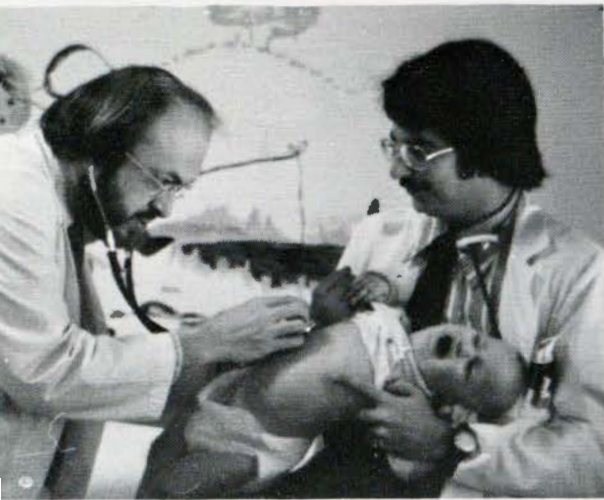
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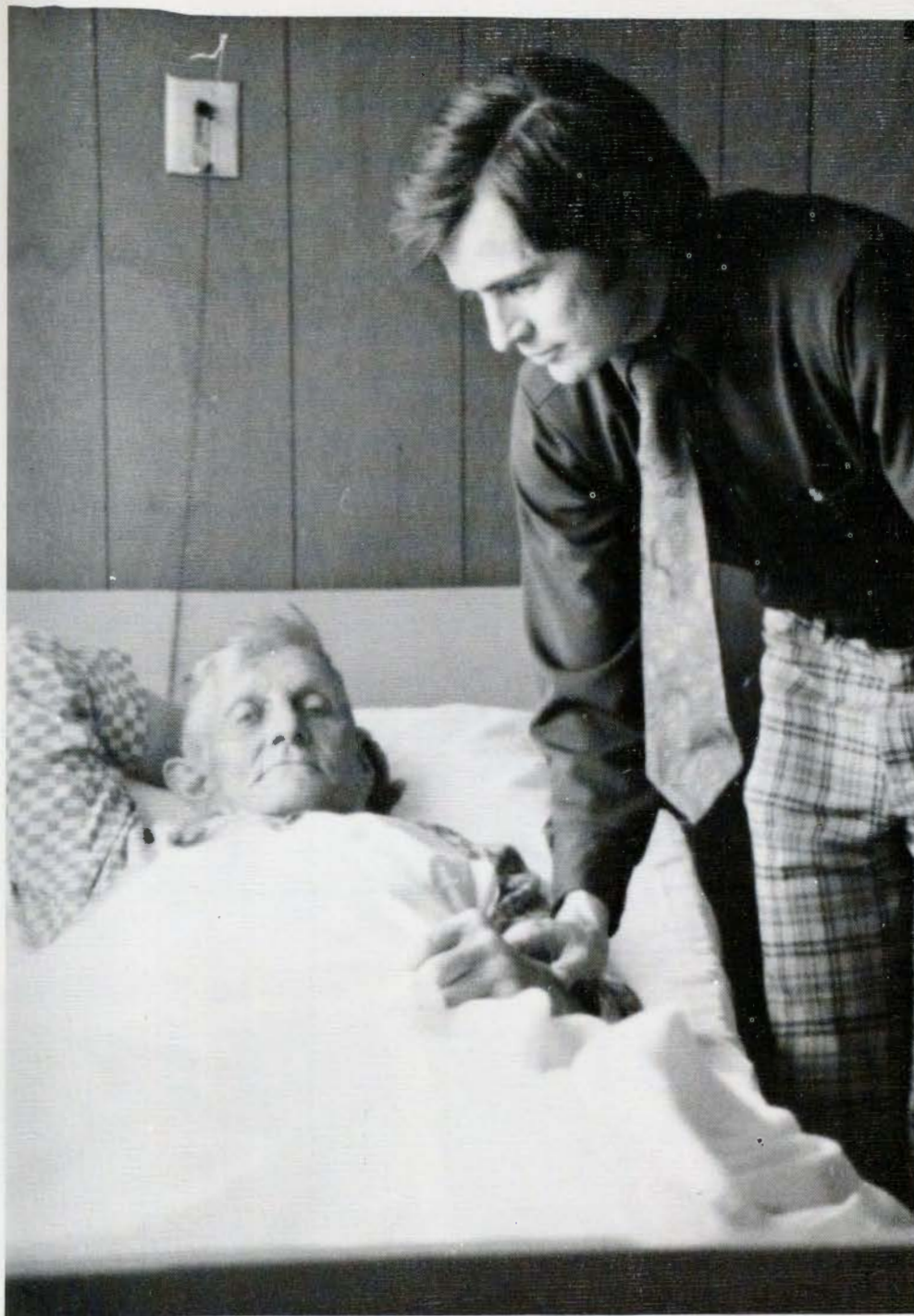
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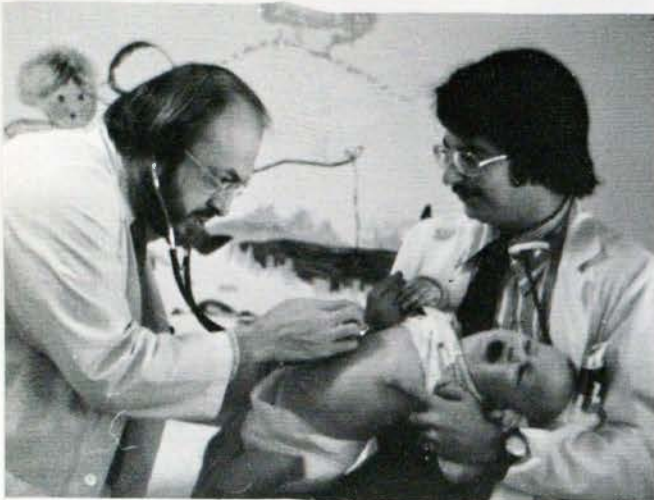
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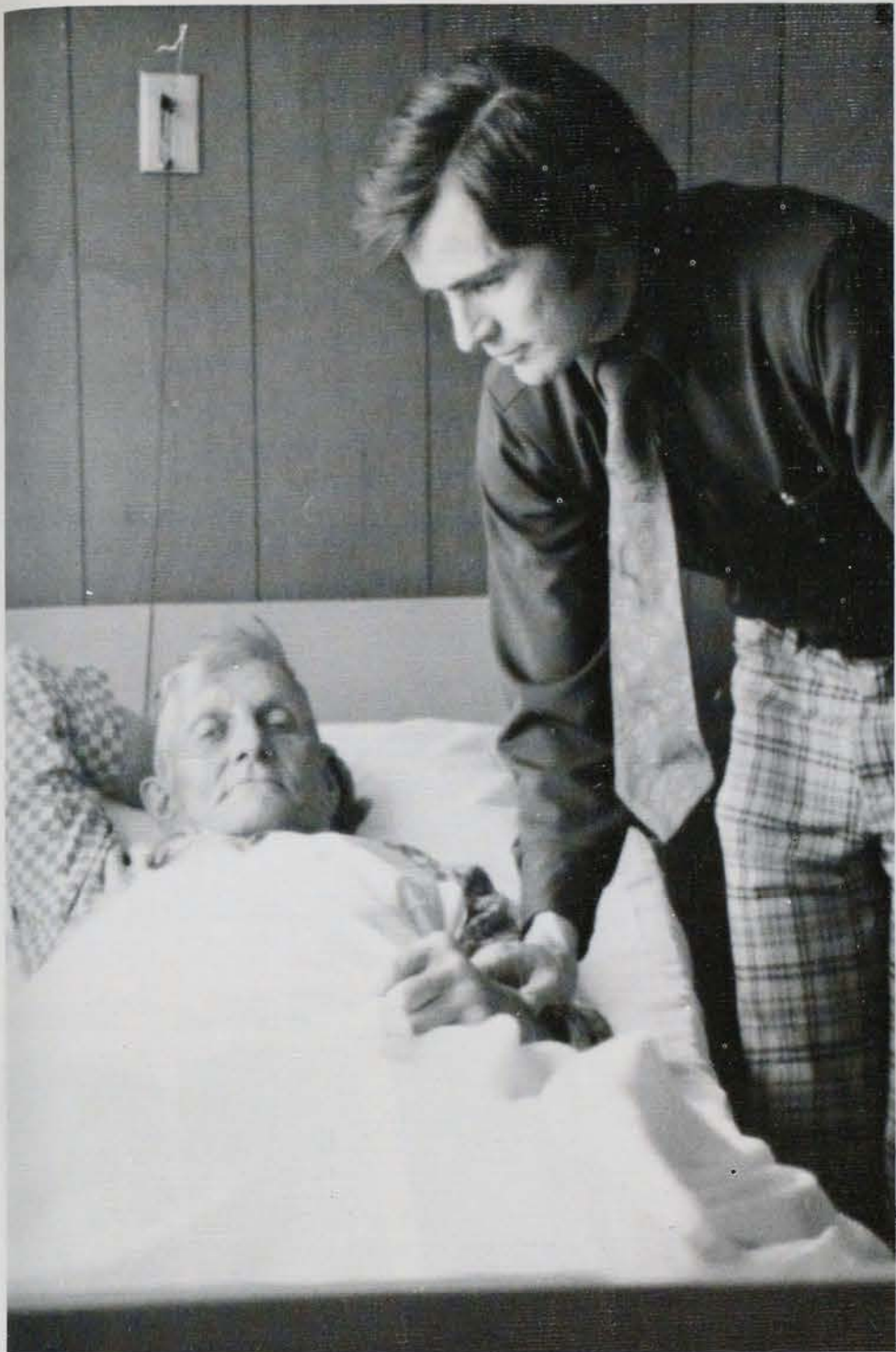
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|---|---|



HOSPITALS

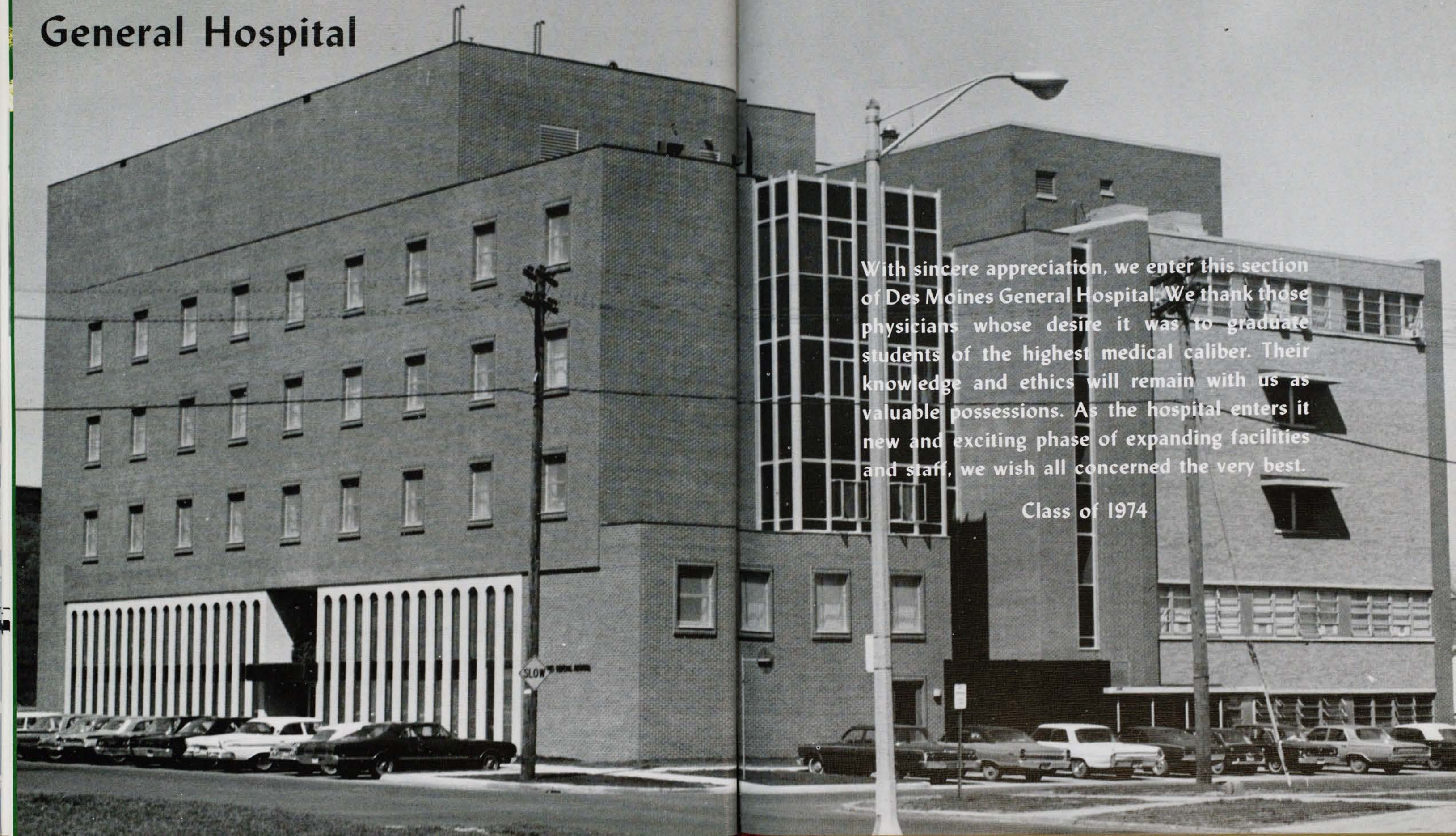
MERCYHOSPITAL



# 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





# S u r g e r y

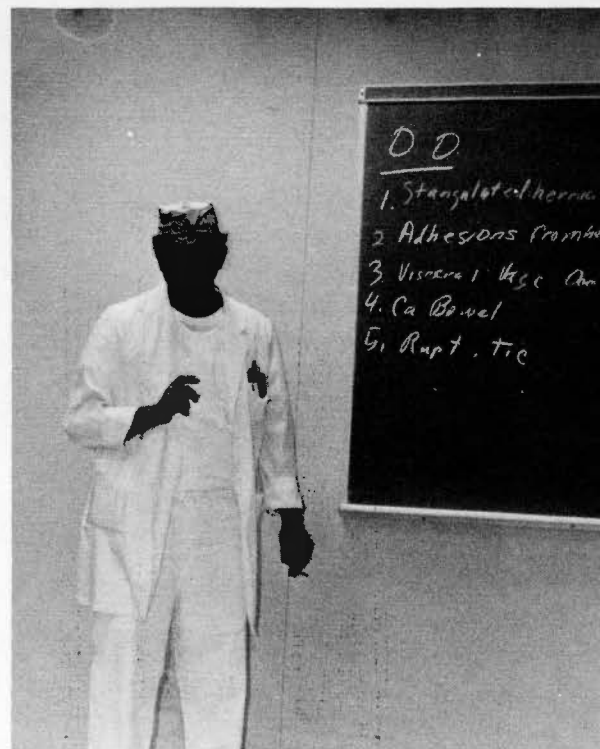
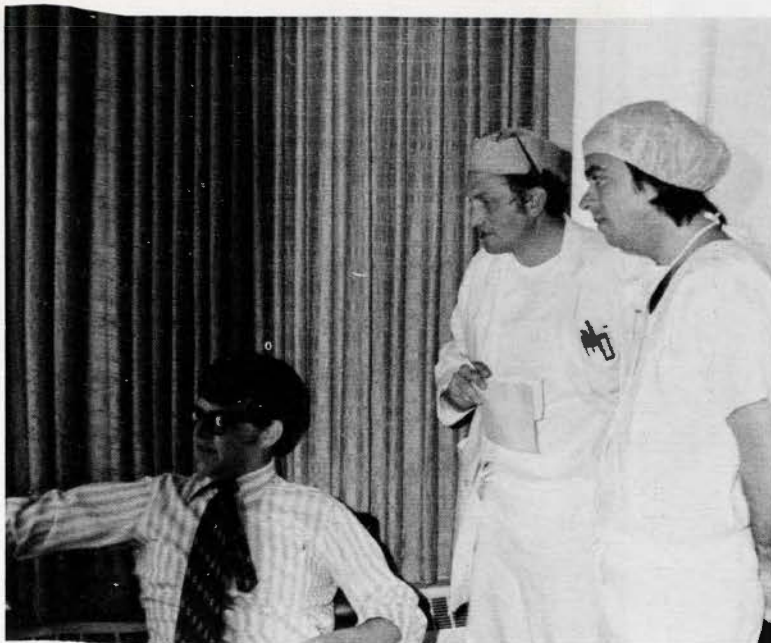


**ABOVE:** Doctors Woods and Bates preparing for surgery.

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

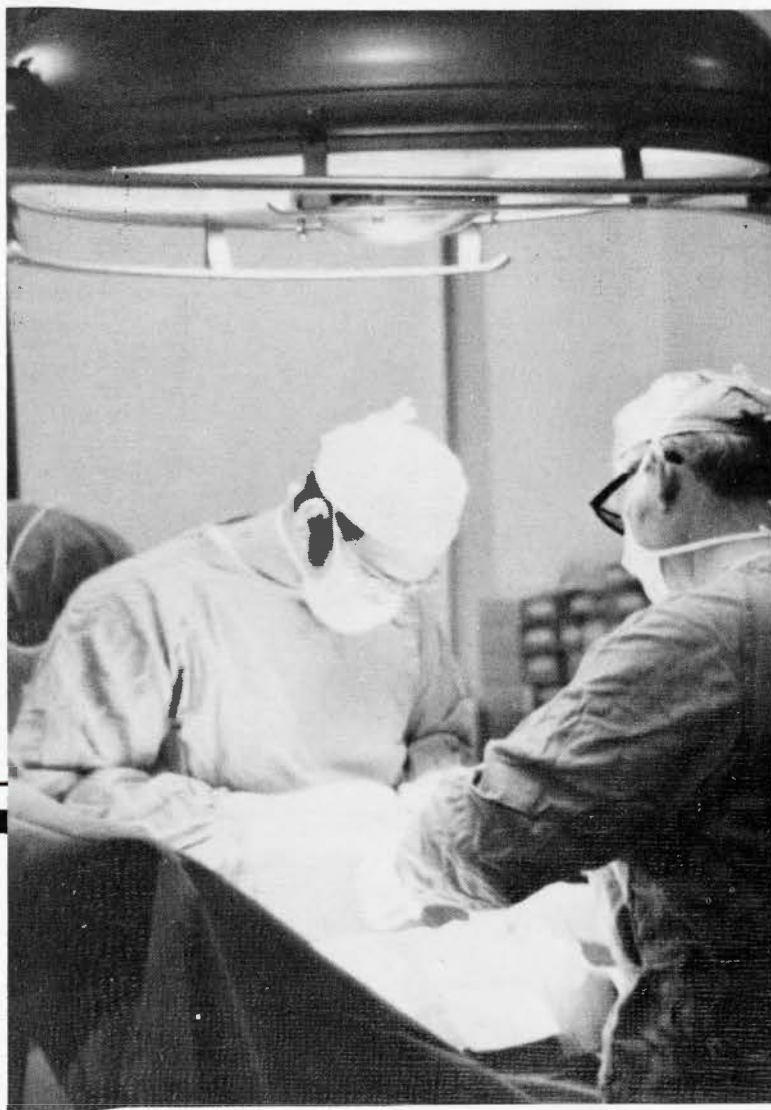






ABOVE LEFT: Doctors Rose, Agnew and Bates discuss x-ray findings.

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



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



# S u r g e r y

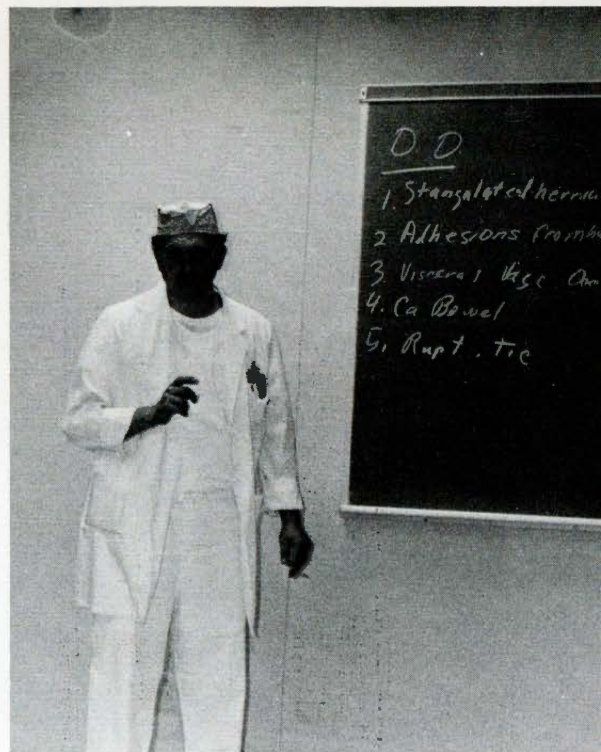


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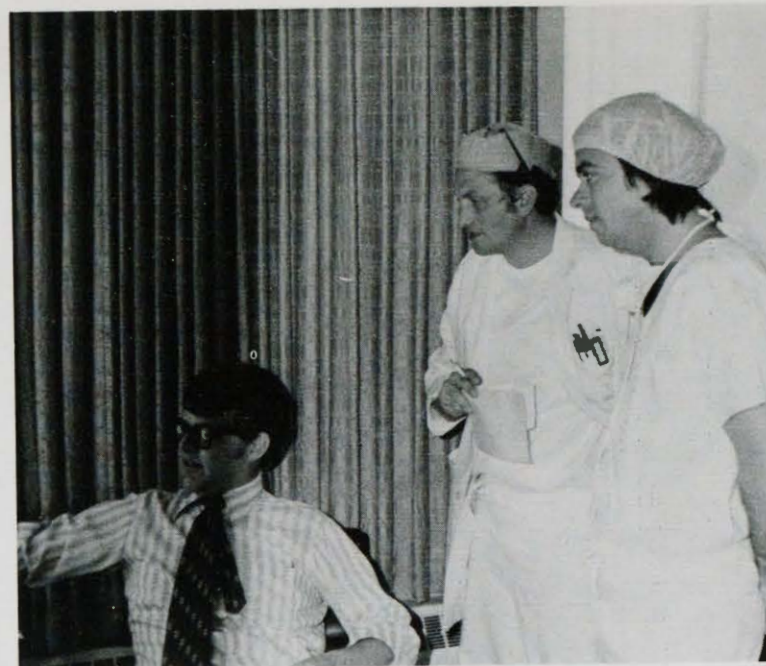






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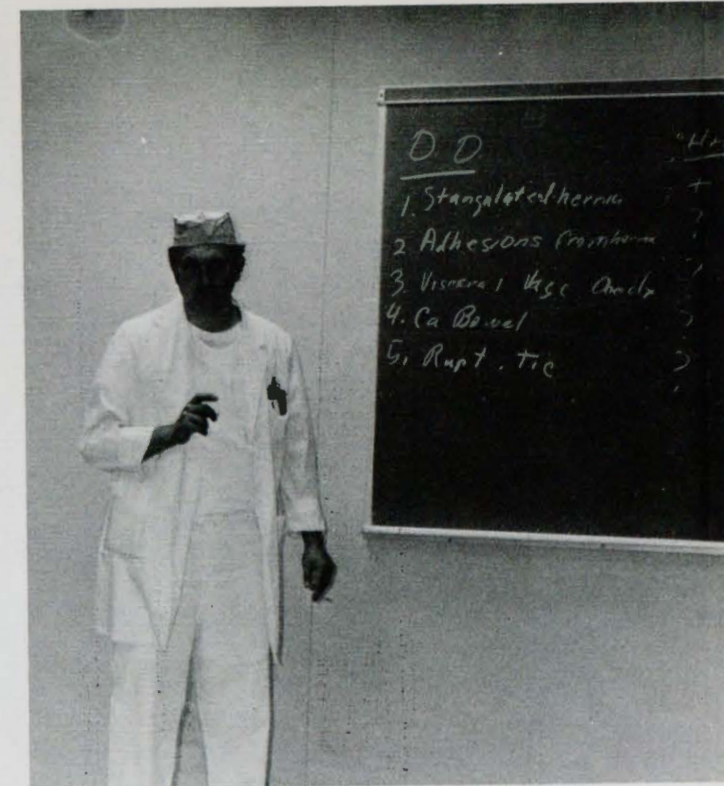
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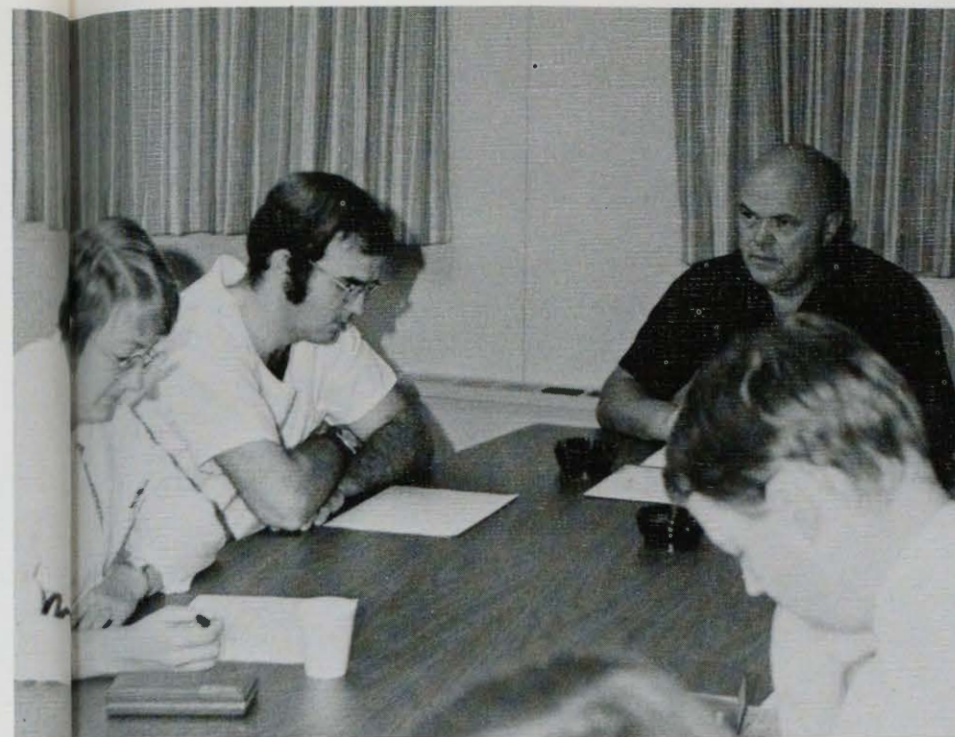
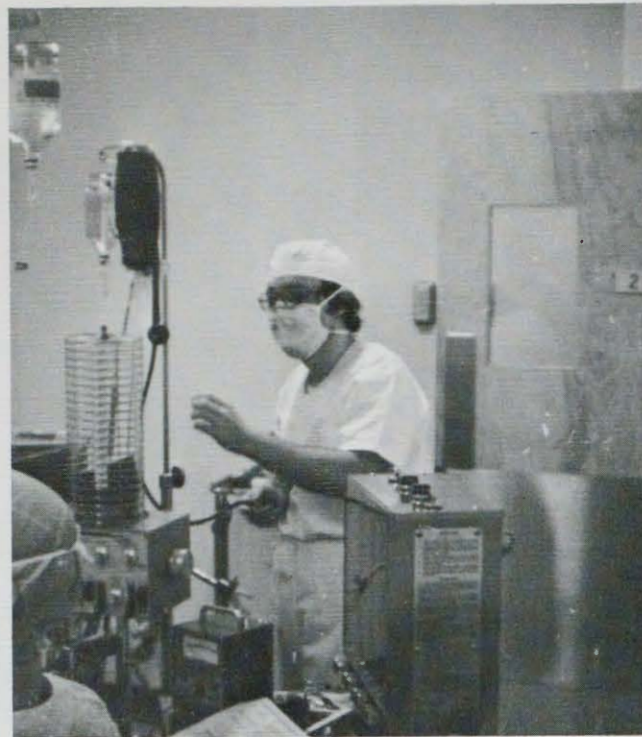
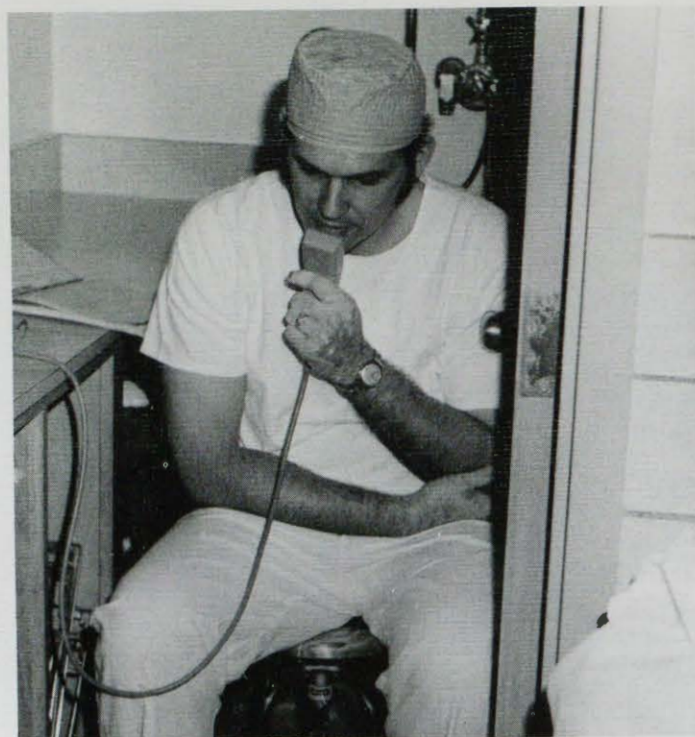
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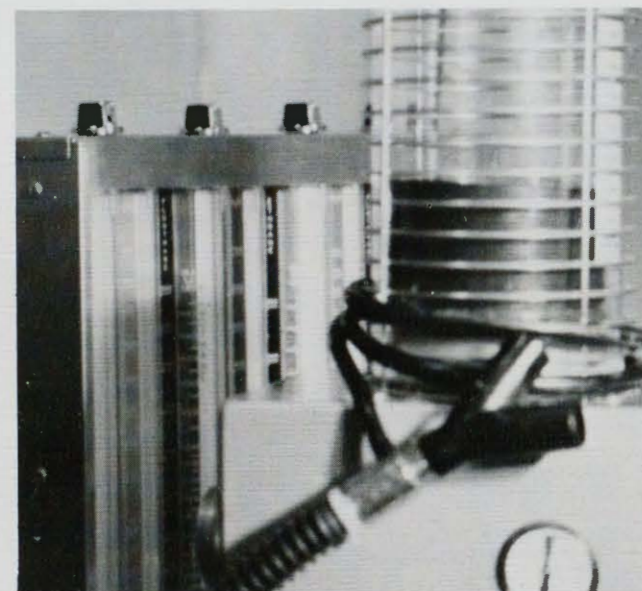




## Anesthesiology

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

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



ABOVE LEFT: Doctor LeMar dictates a completed case.

ABOVE RIGHT: Student Doctor Richards.

BELOW LEFT: Doctor Rose in surgery.



# 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.

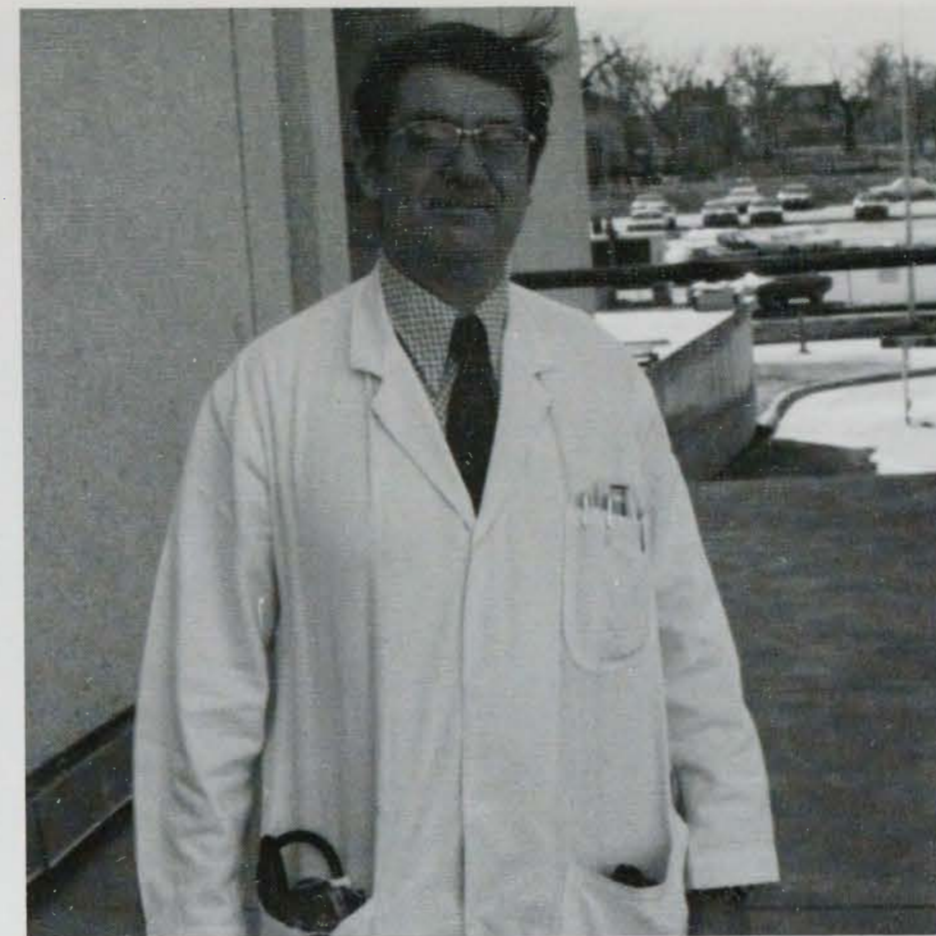
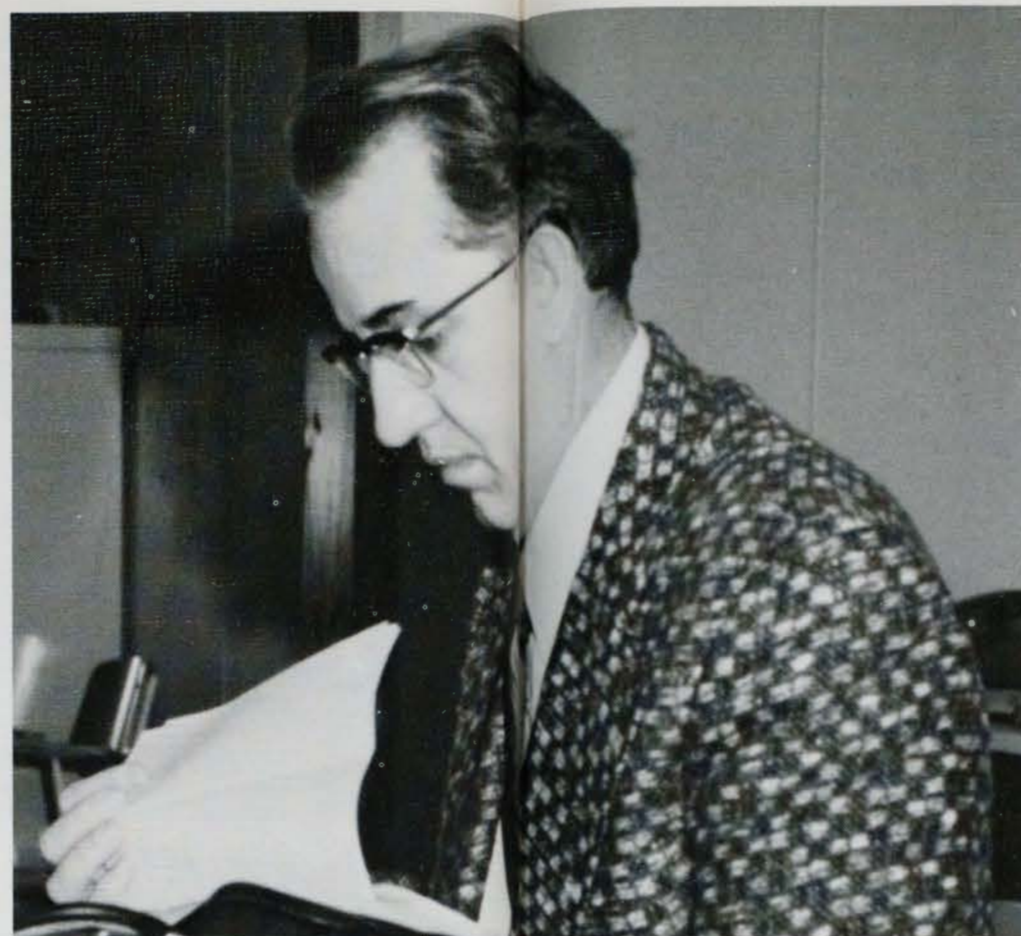
ABOVE NEAR: Doctor Waterbury, department chief.



# M e d i c i n e

RIGHT: Student Doctor Elliot evaluates a patient's progress

BELOW: Doctors Hill and Duberstein instruct student Doctor Wulff.

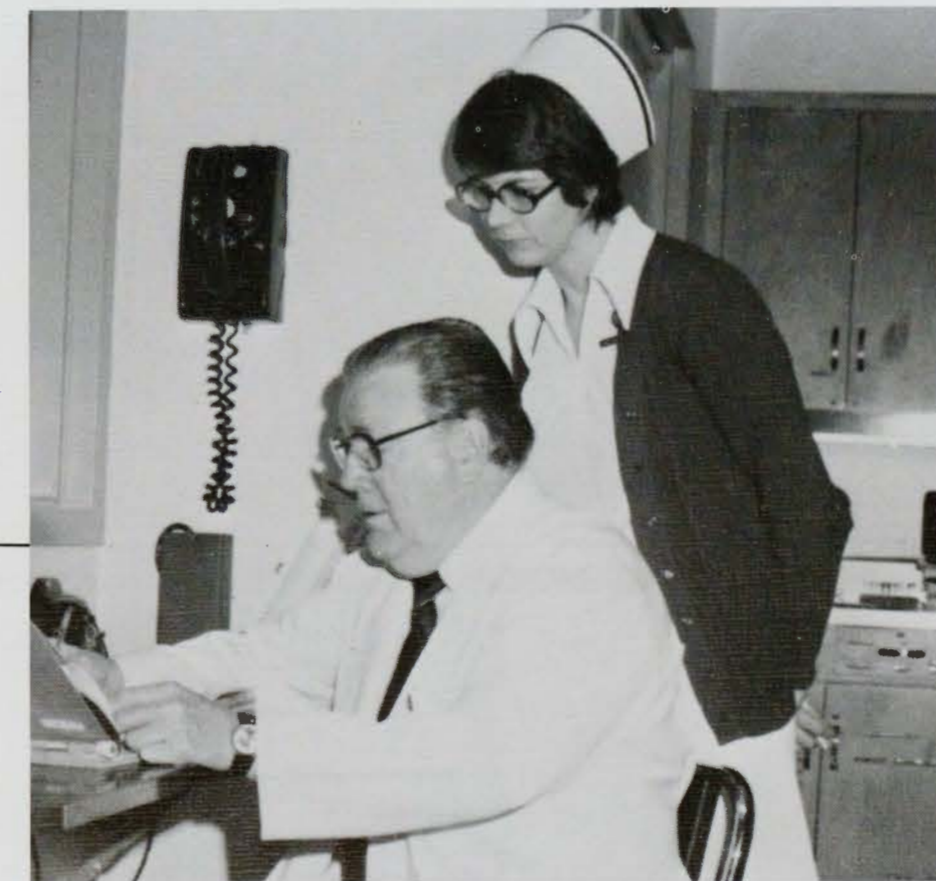


ABOVE LEFT: Doctor Milton Dakovitch.

ABOVE RIGHT: Doctor Robert Kreamer

BELOW LEFT: Student Doctor Neufeld checks census before rounds

BELOW RIGHT: Doctor Joseph McNerney



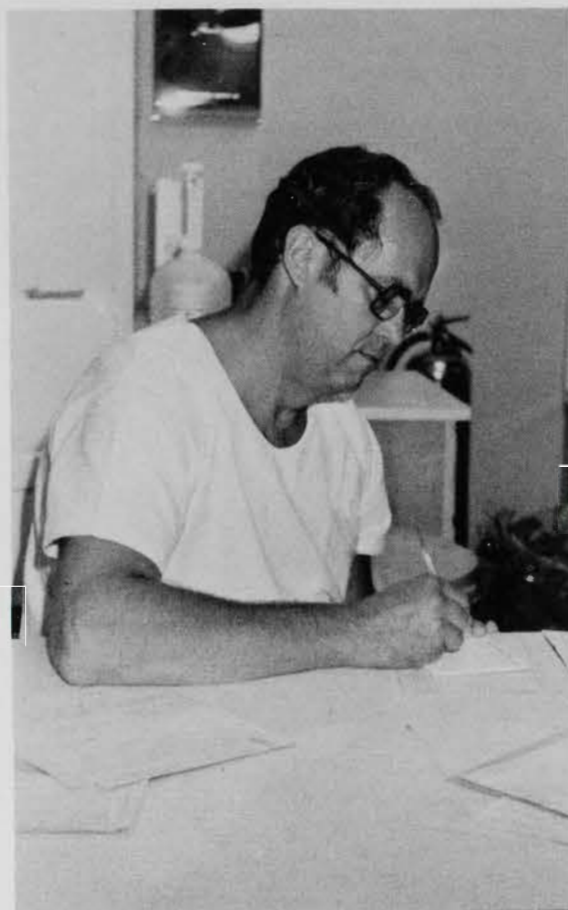


## E.R.

RIGHT NEAR: Doctor Terrell.

RIGHT FAR: Student Doctor Felmlee sutures a laceration.

BELOW: Student Doctor Finkel examines skull series.

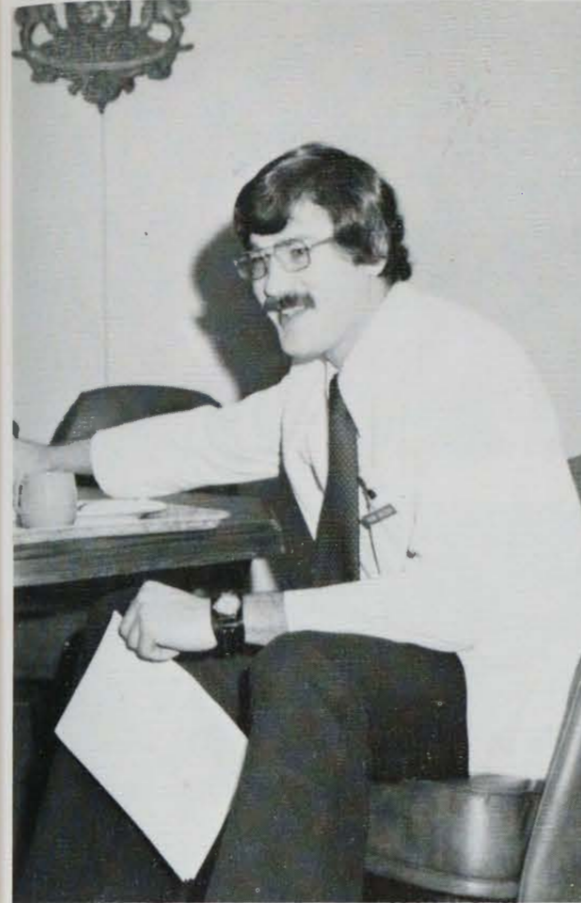
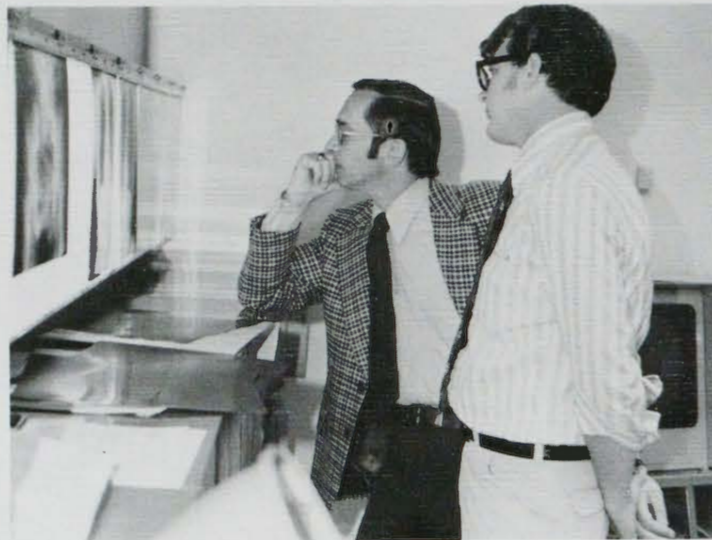


ABOVE: Student Doctor From and Nurse Hildrew.

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.

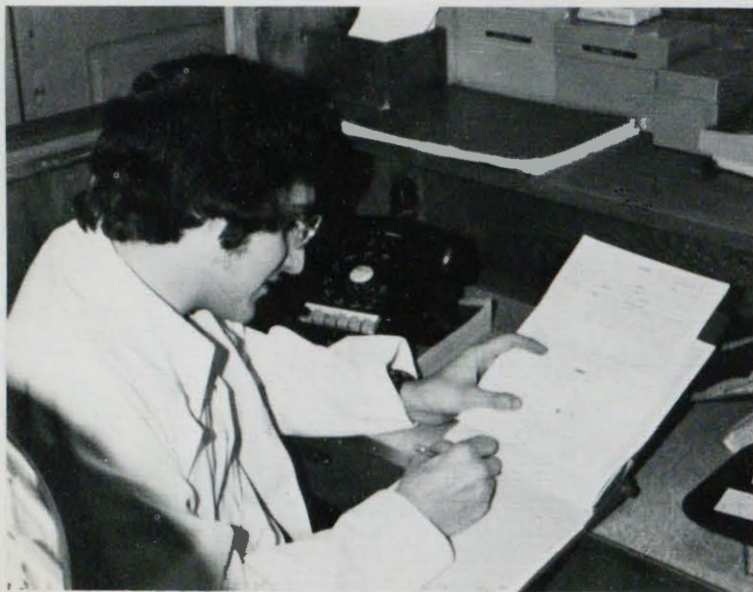




Dave Webster



David Rosenberg



PEDIATRICS



Mark Reinertson



Dennis Clark

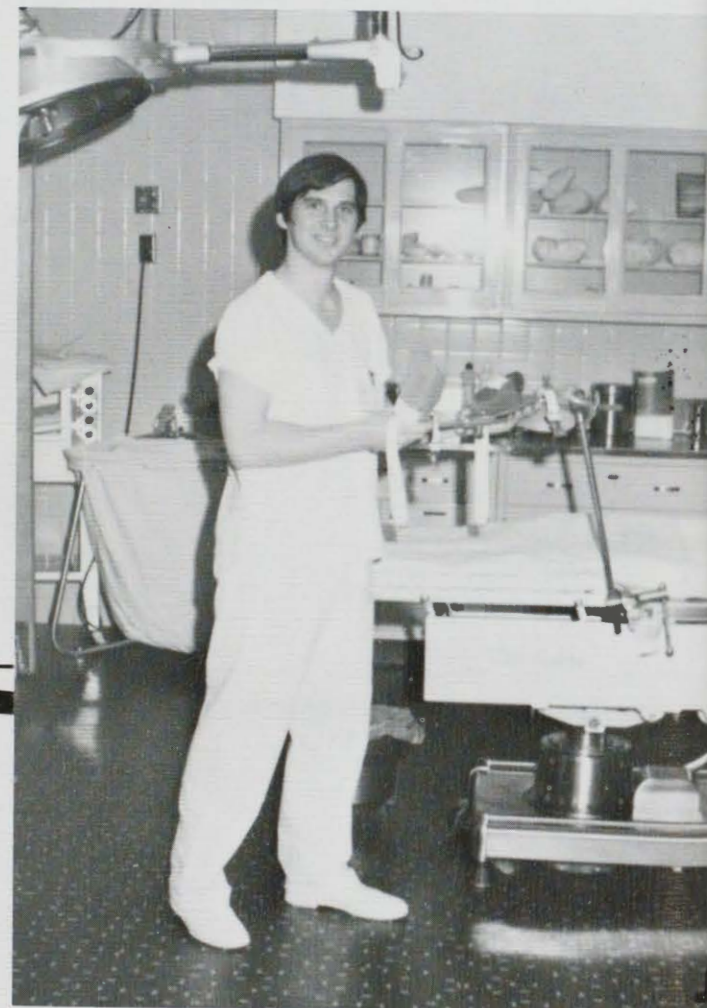




David Drake

Jerry Vidd

OBSTETRICS

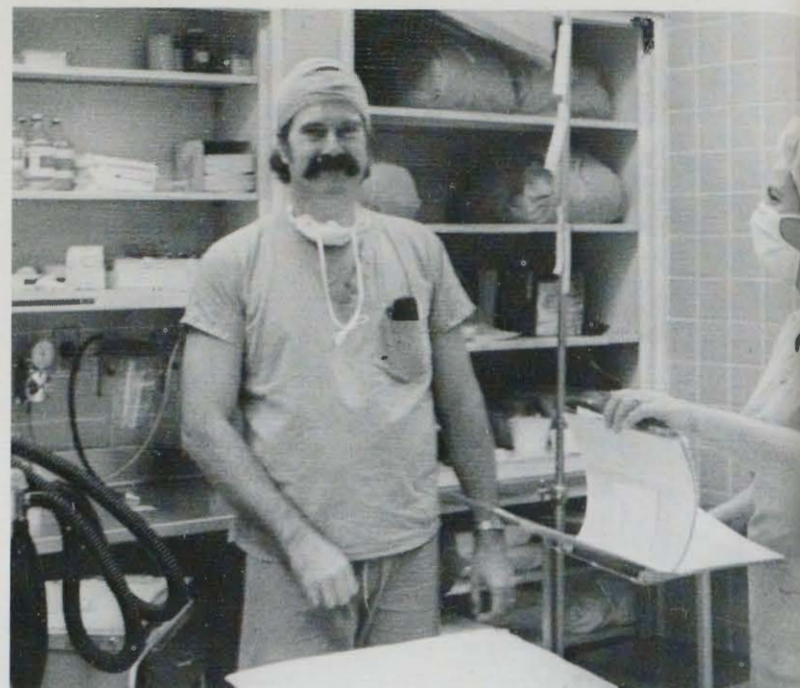


David Drake





Jim Streelman



Dr. Hull

## Surgery

Joe Poschner





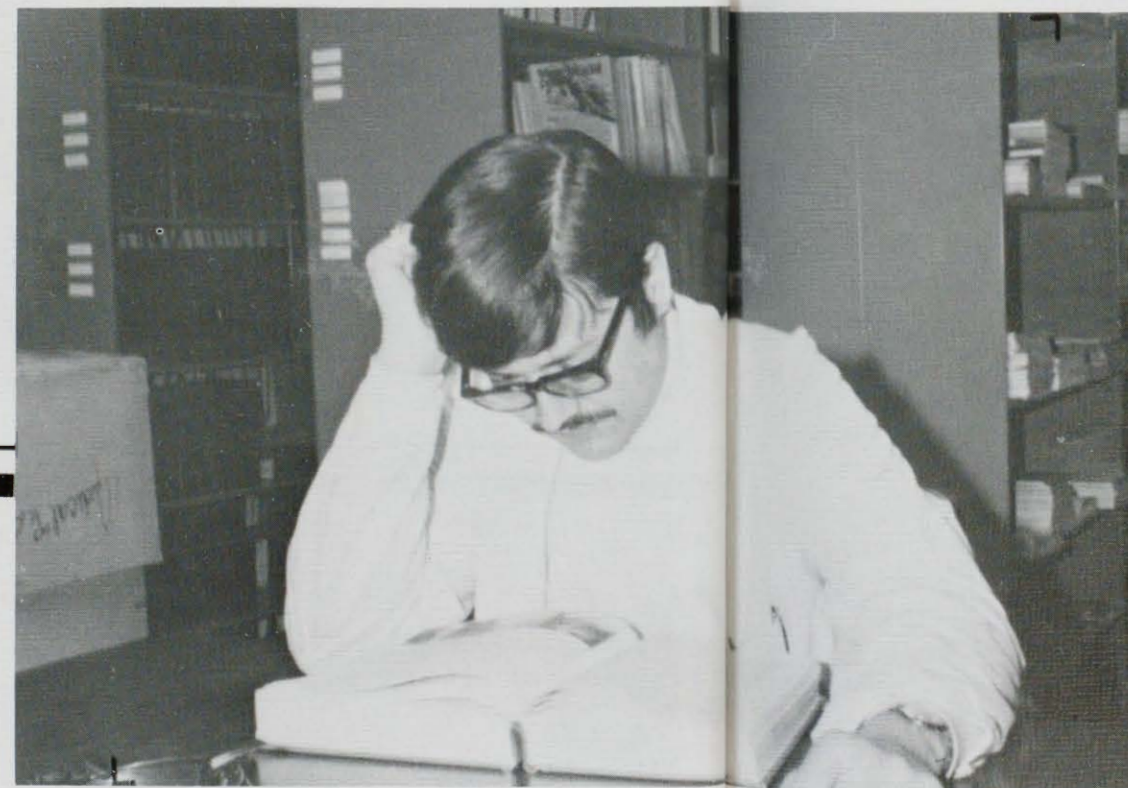
David Rosenberg



Greg Hoekstra

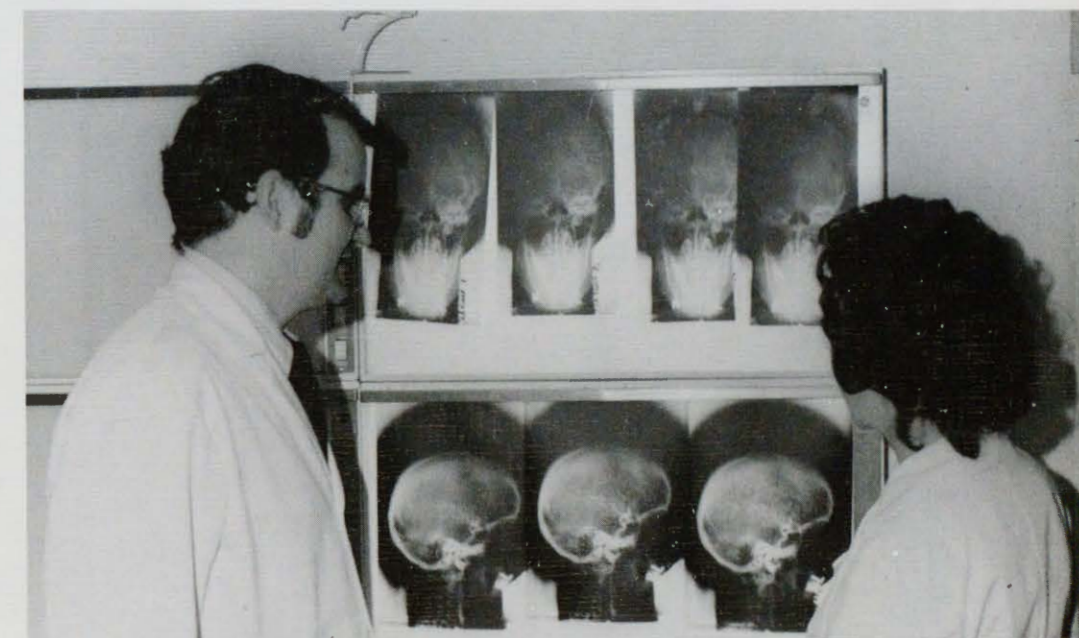
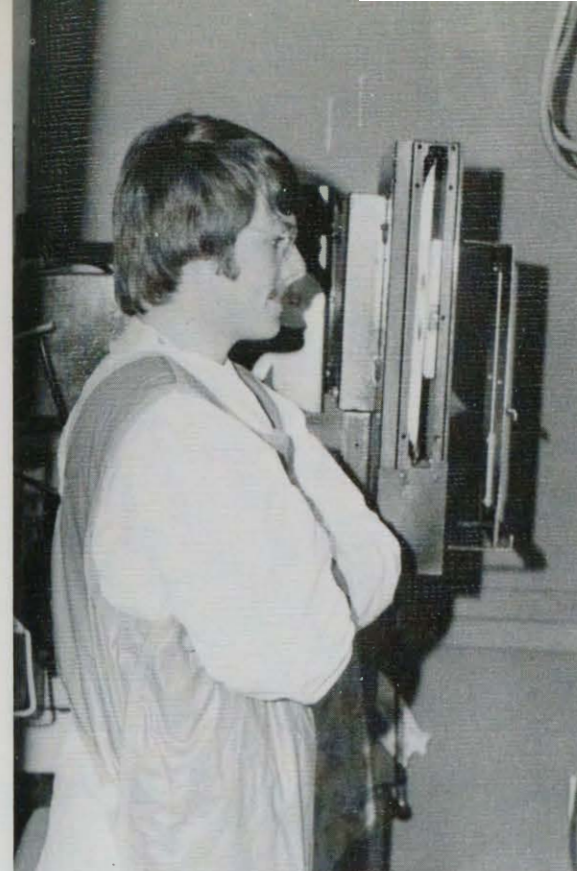


Joe Poschner



## Internal Medicine

Mark Taylor

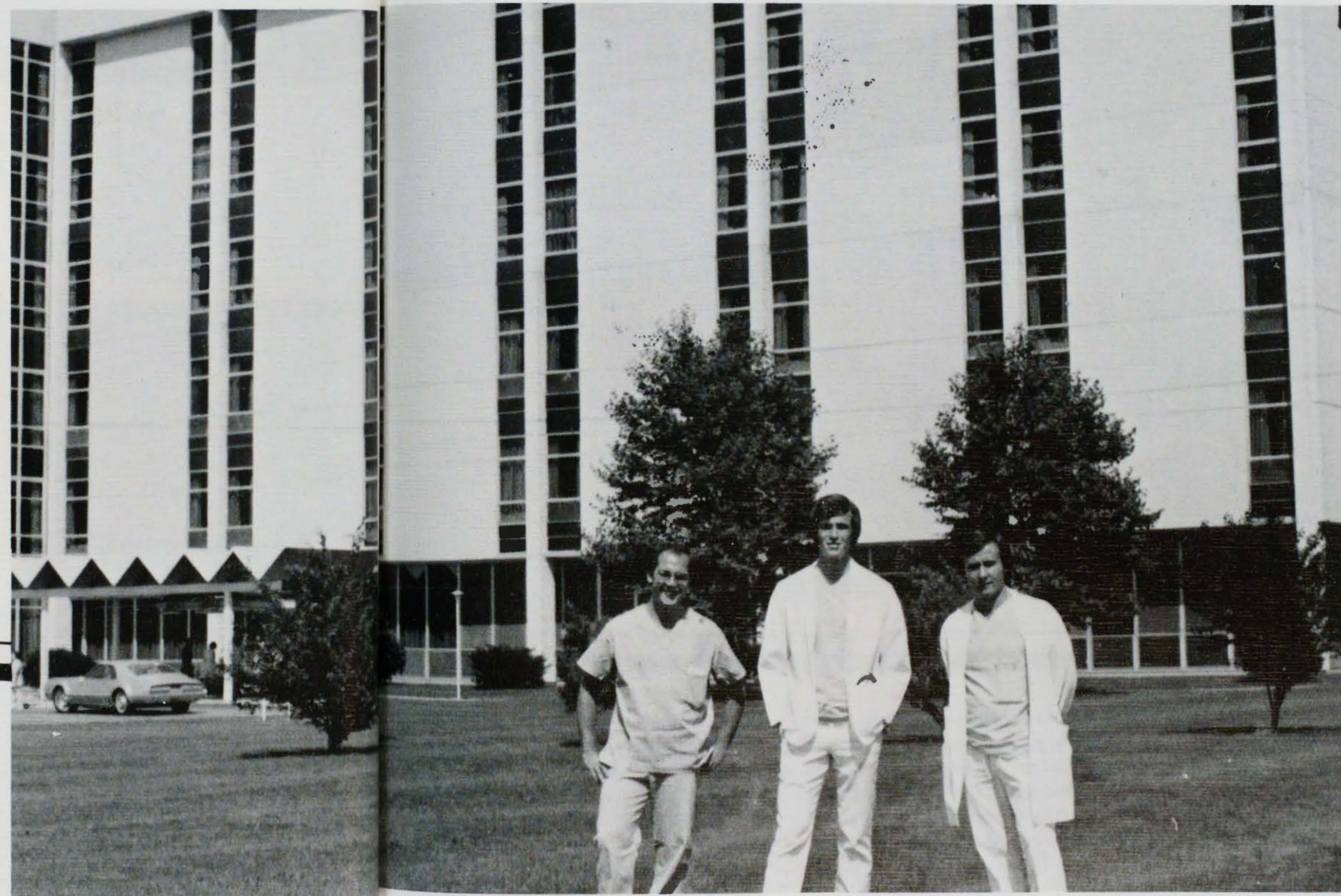
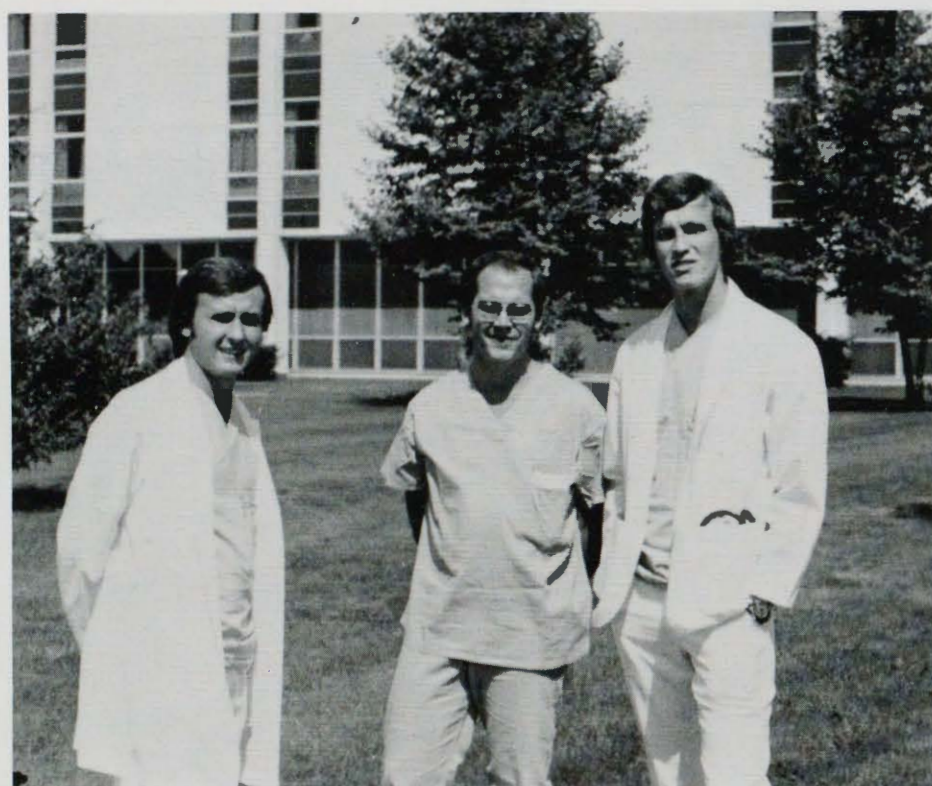




Allen Mersch  
Michael Tawney  
Scott Tilleson

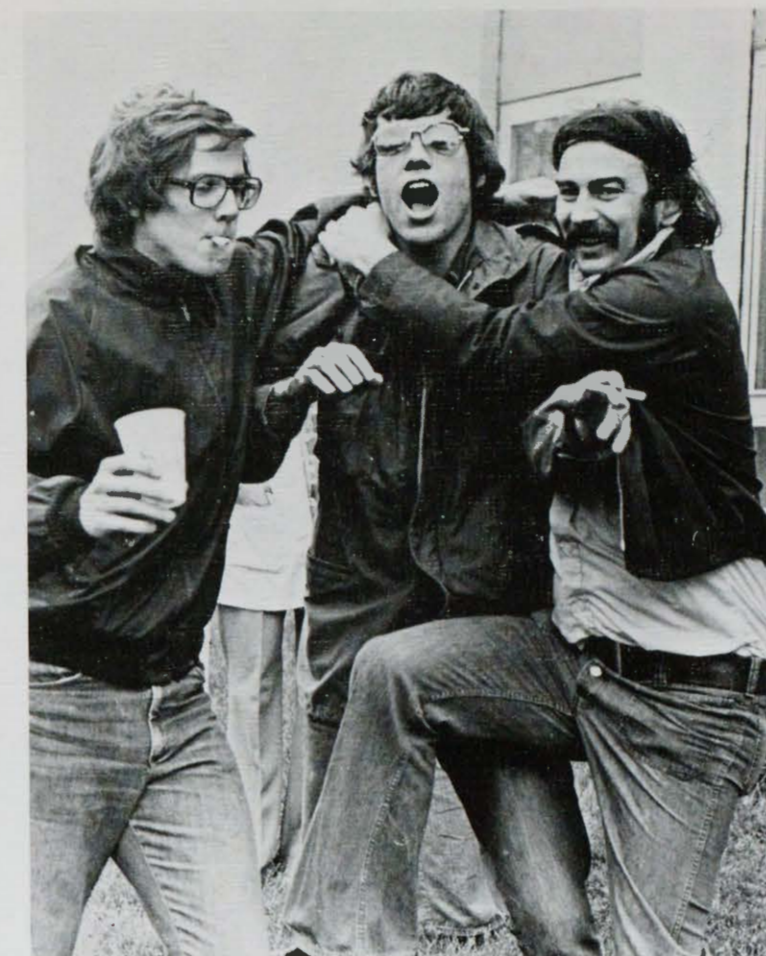


## Mount Clemens Hospital





# 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 matter. 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

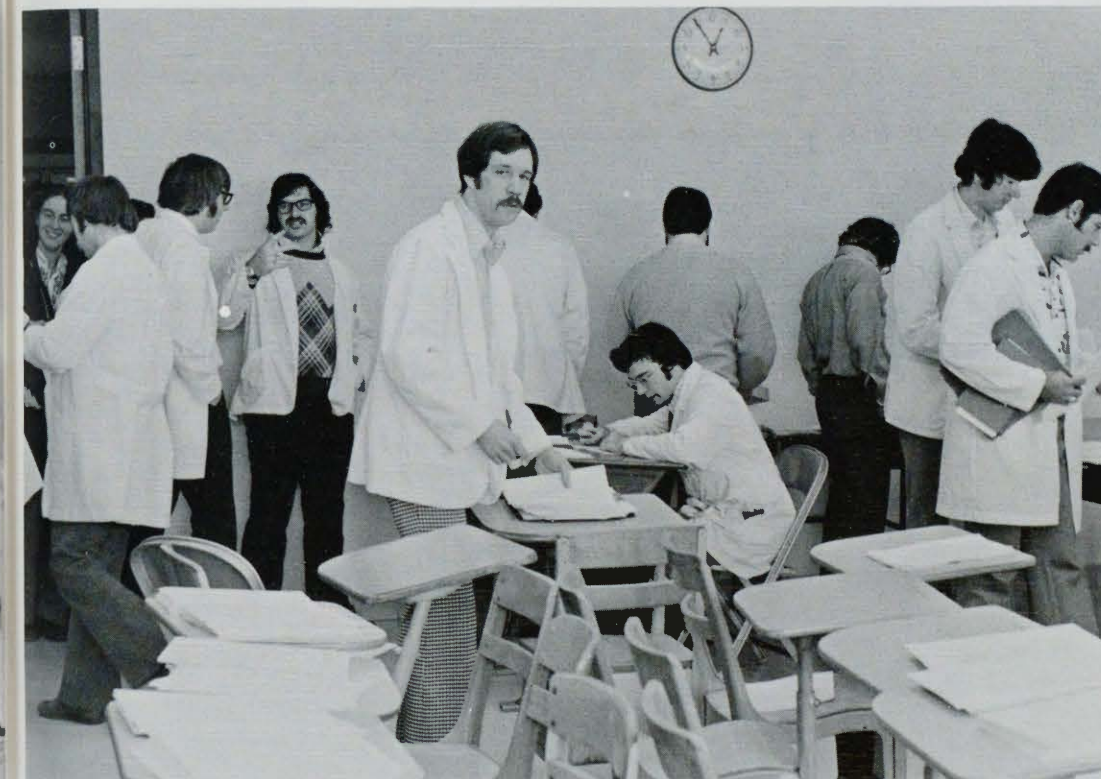
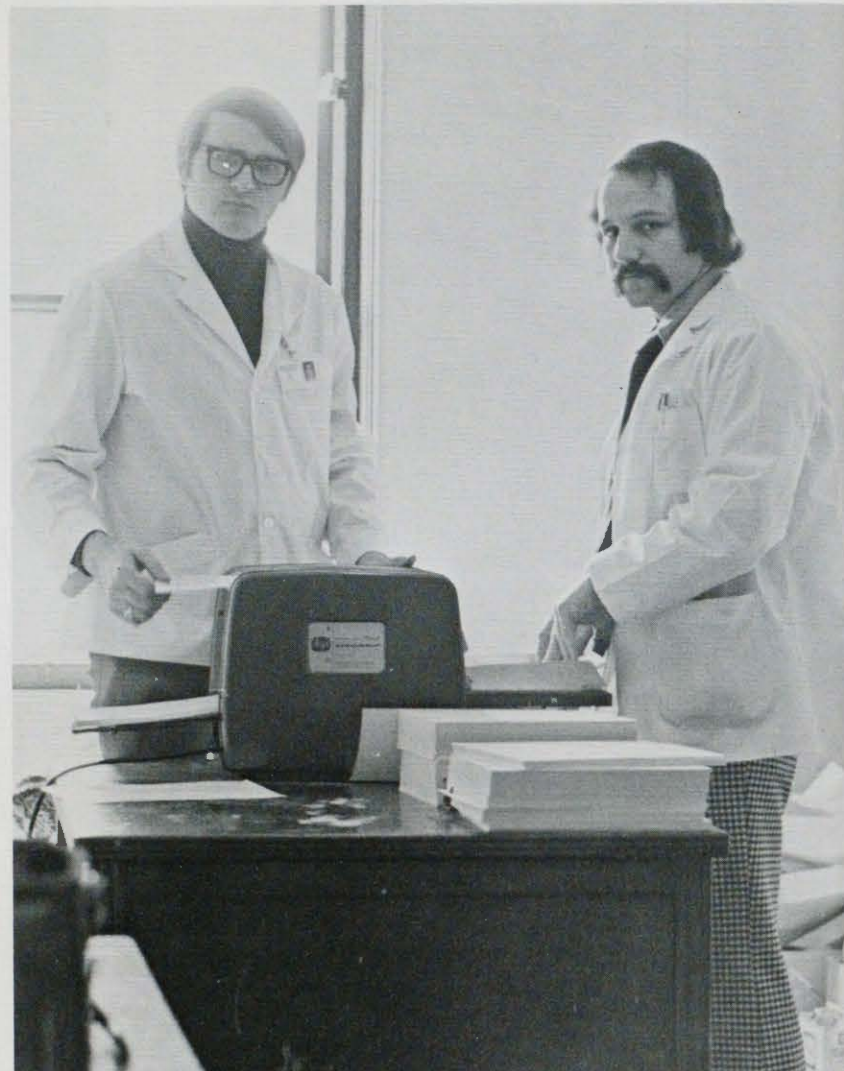
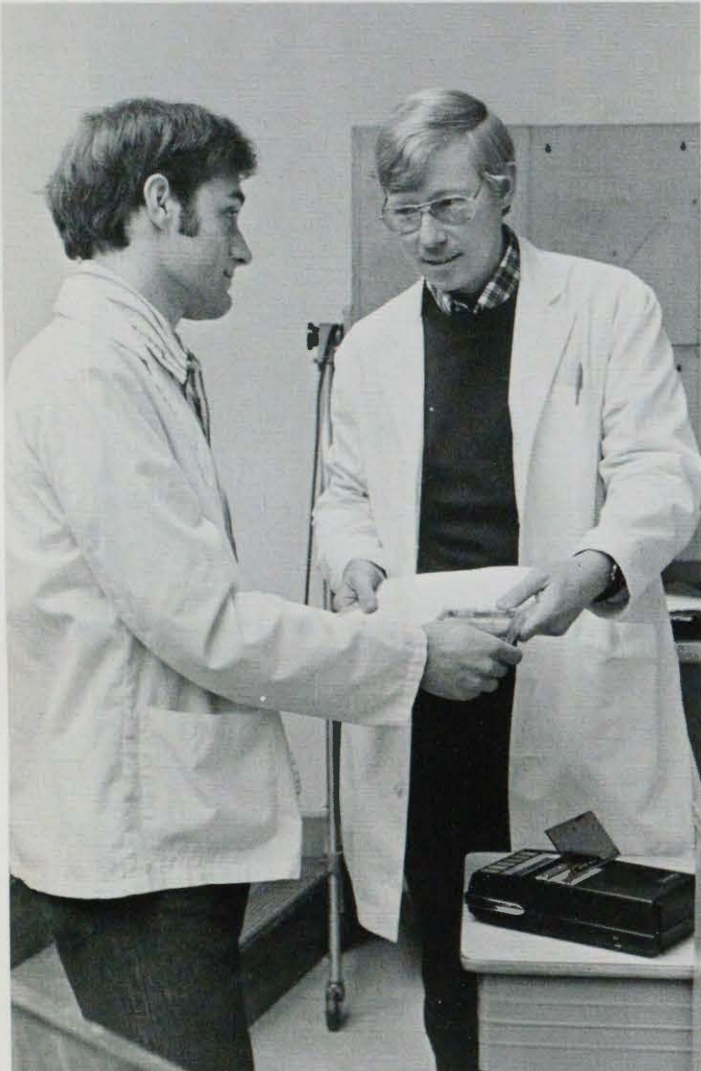
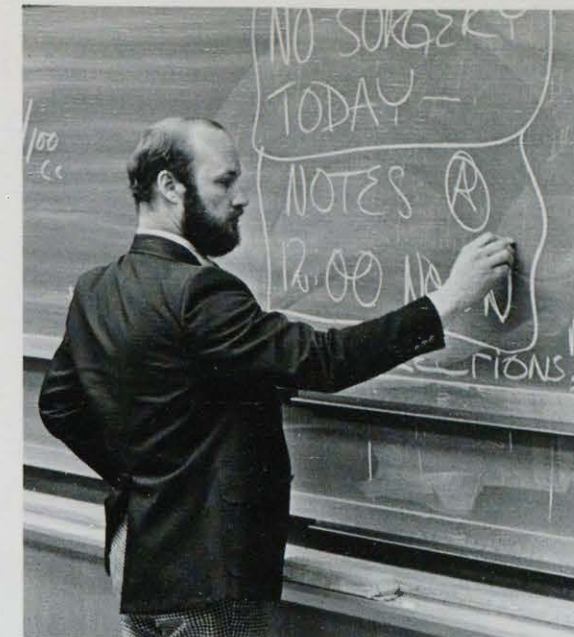
that prevailed during May. (LOWER RIGHT), With an abundance of potato chips and beer in hand, a well-known group appears content to sit and watch . . . knowing that the Boards are over . . . at least until October.





## 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-

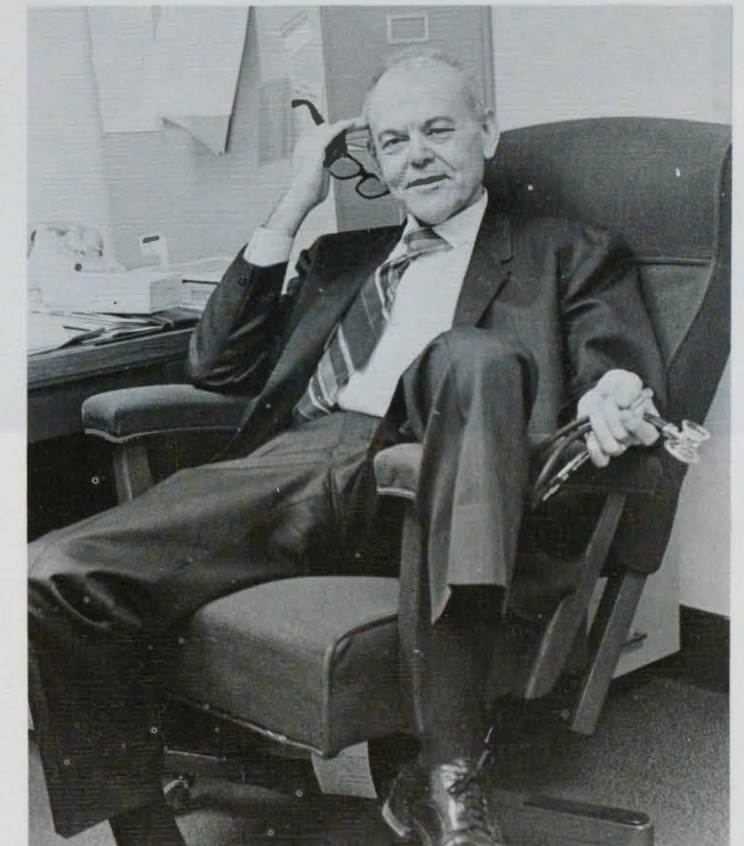
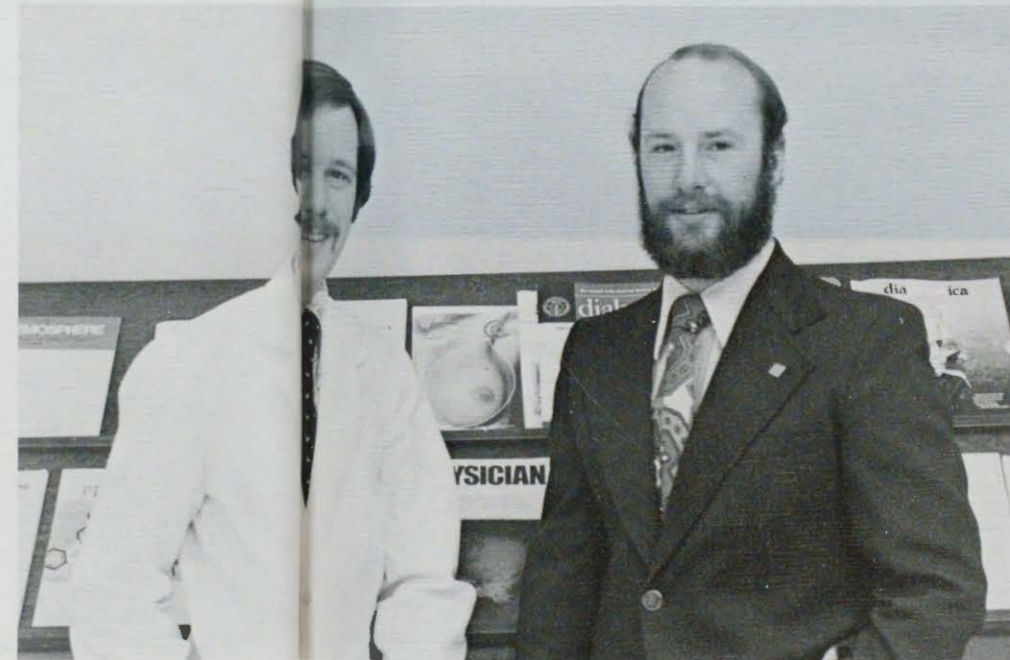
ficient" copies, Bob Sachs volunteered to announce and oversee the distribution of the golden notes. Bob also became the receiver and rectifier for most complaints. Doran's last act before resigning was to appoint Frank Wojciechowski to police the note scene and prevent sticky fingers from taking extra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

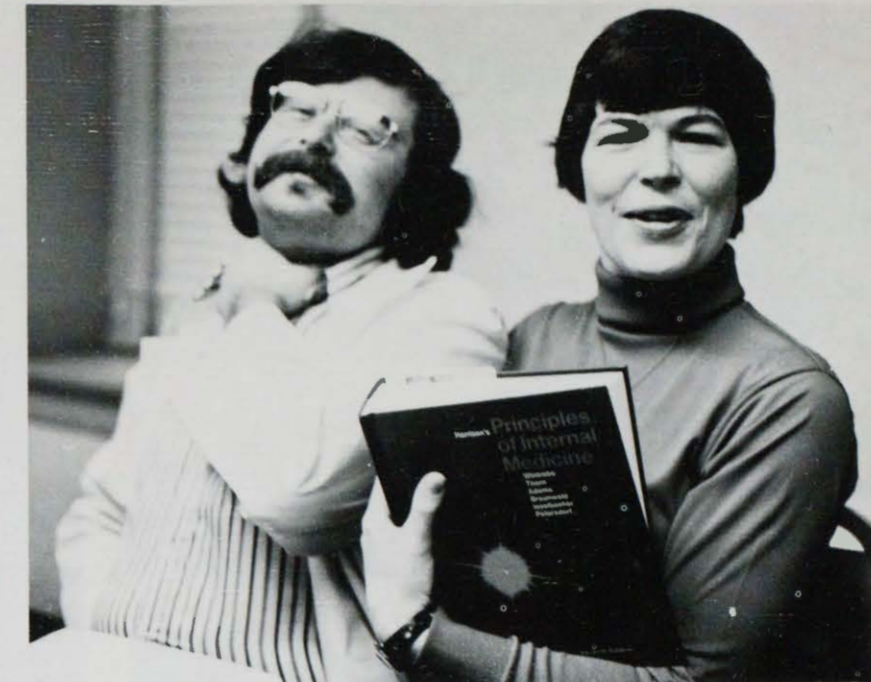
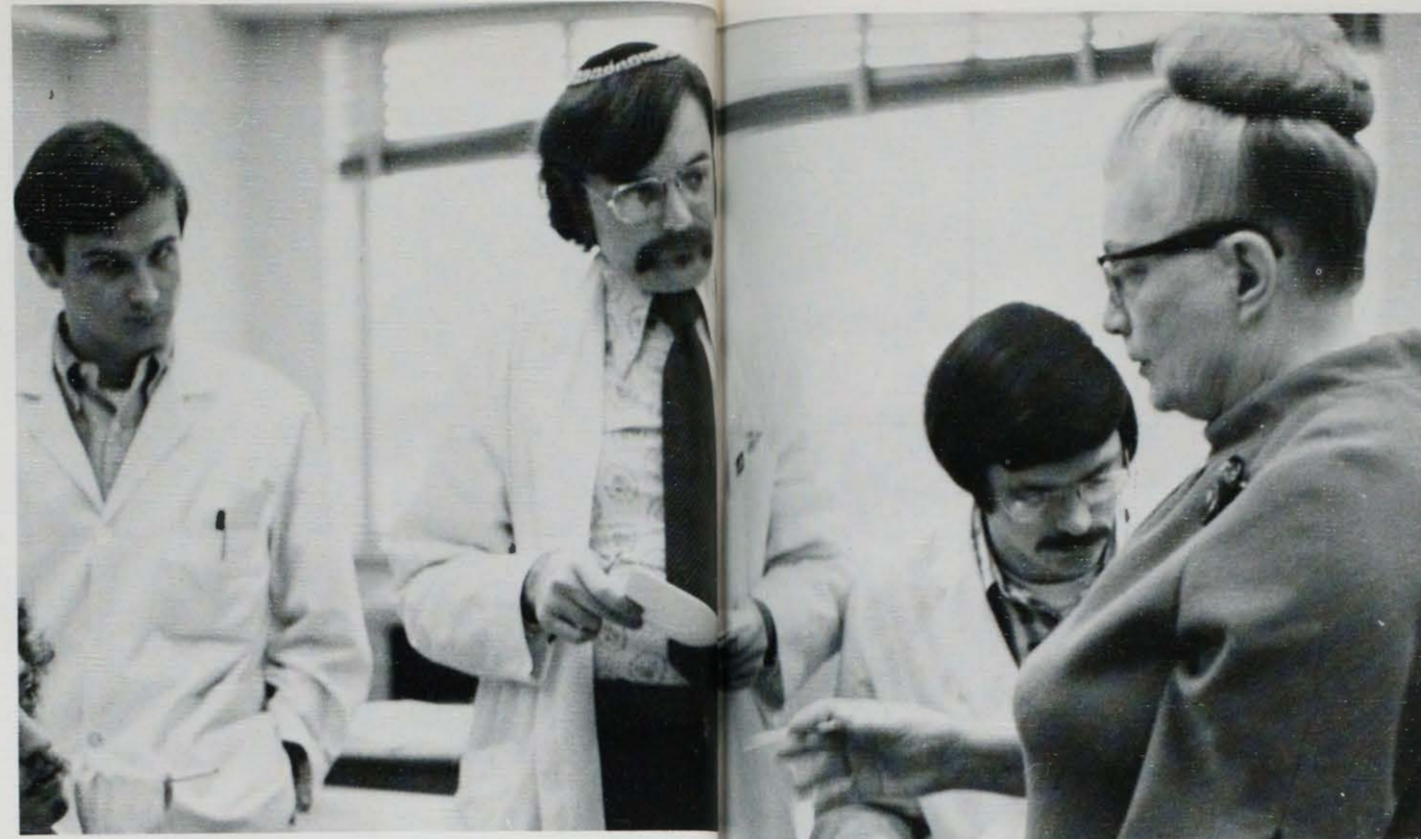
dent of SOMA at COMS and national Vice-President, while Ed is local Secretary-Treasurer.

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.



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.



Paul Krueger, Jim Beach



Terrie Wurzbacher

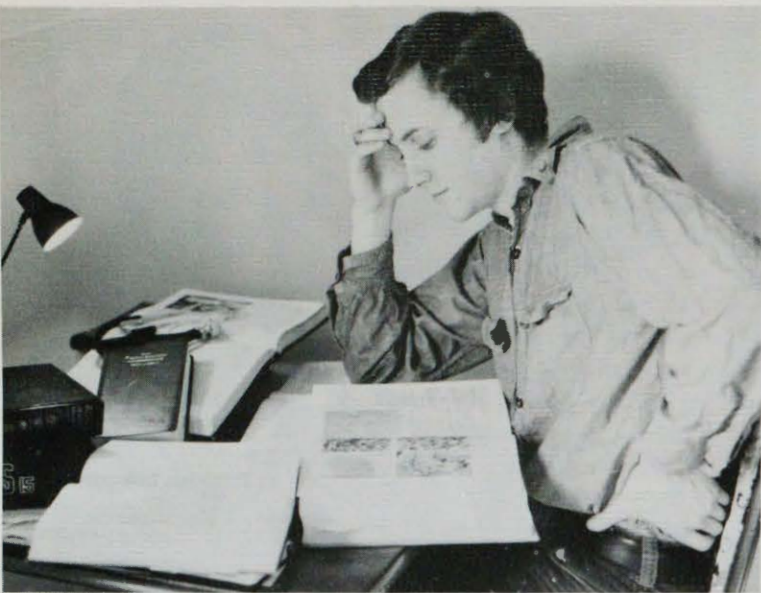


Joe Doro

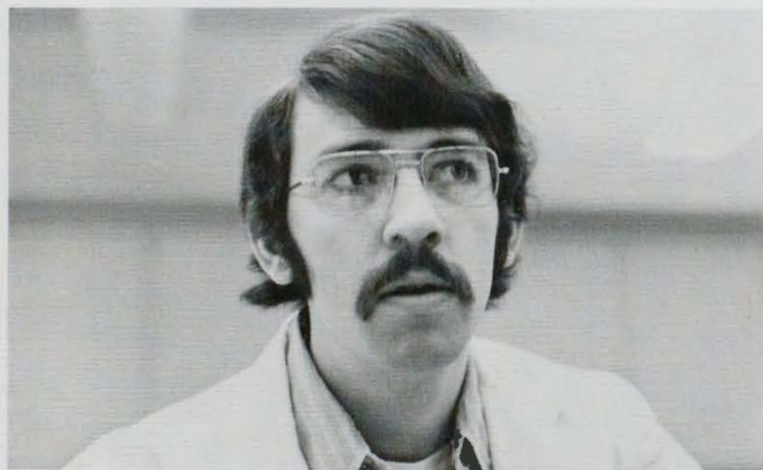
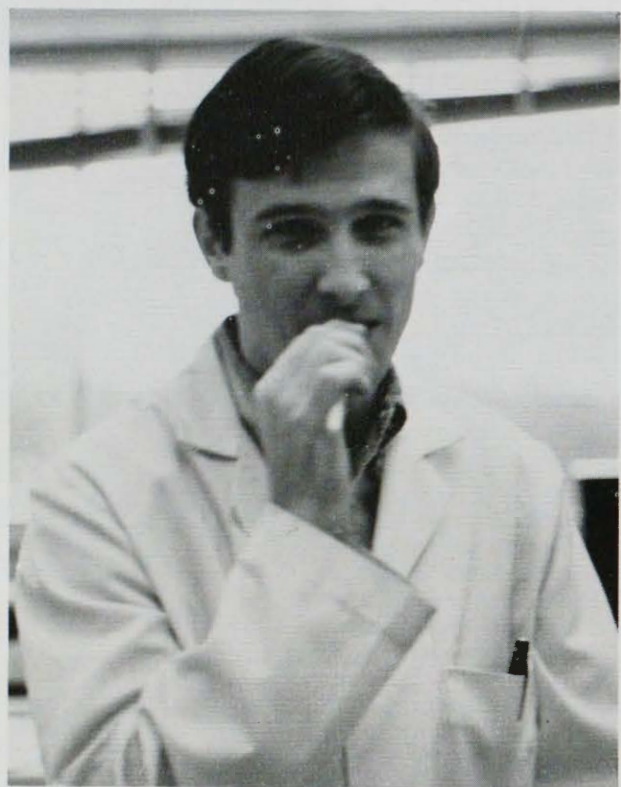
# AMS

## "Special II"





It's not white . . . but it's a Cadillac



Coordinator Dr. Kilmore, Marcia Wing, Sec.

## 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

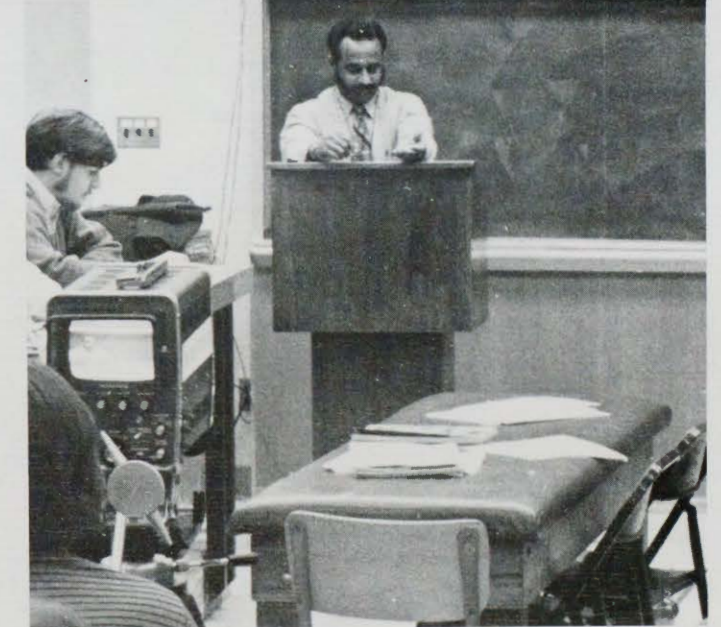
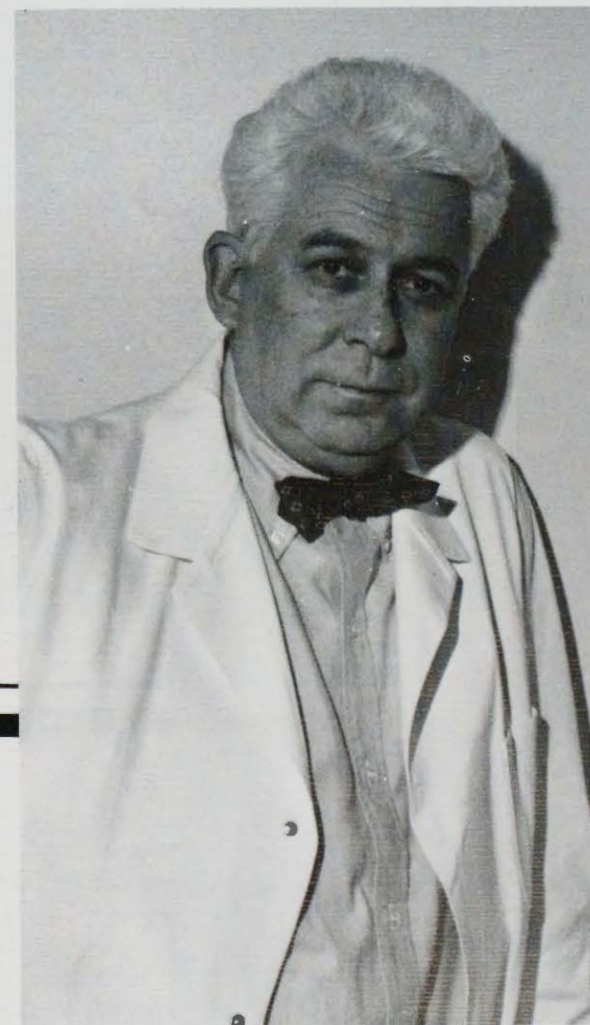
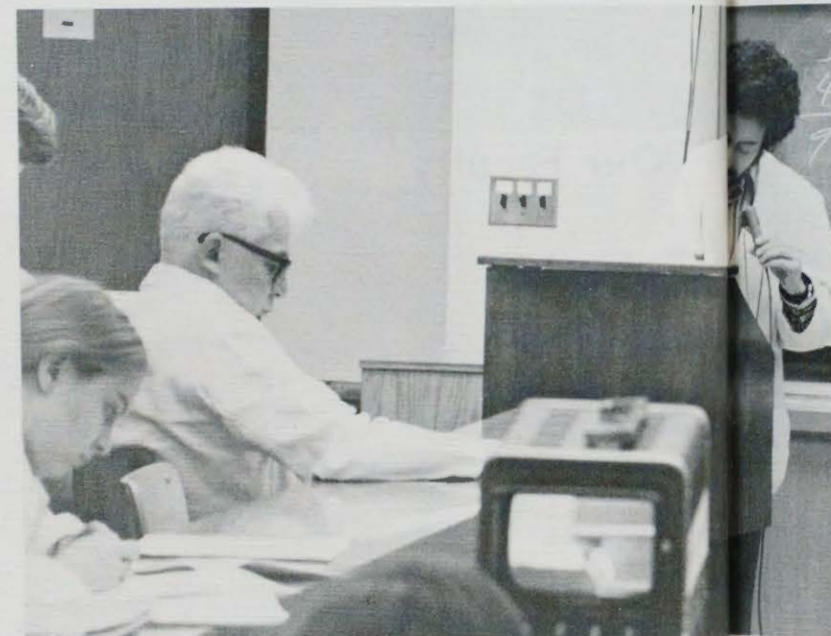
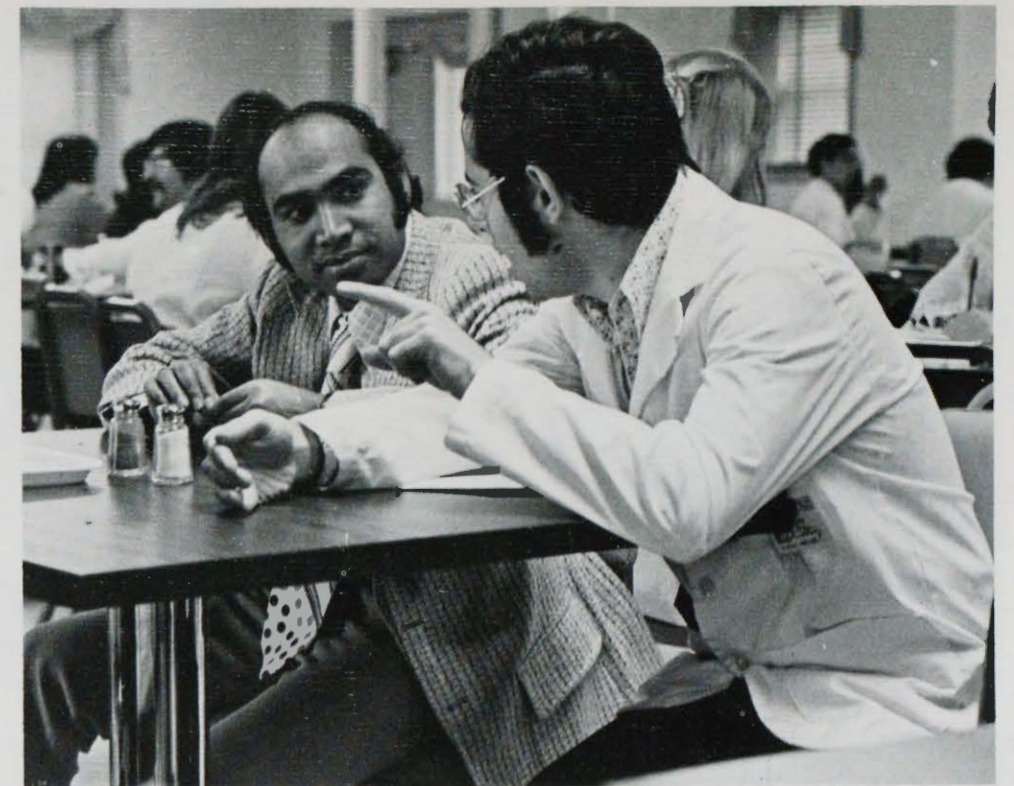
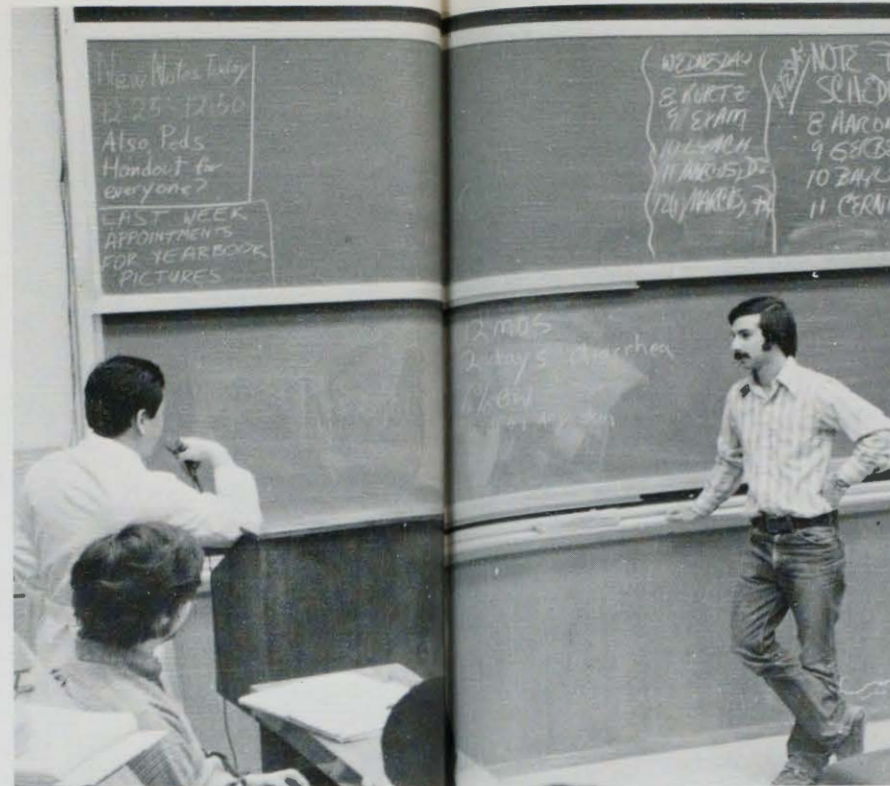
Pediatrics

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

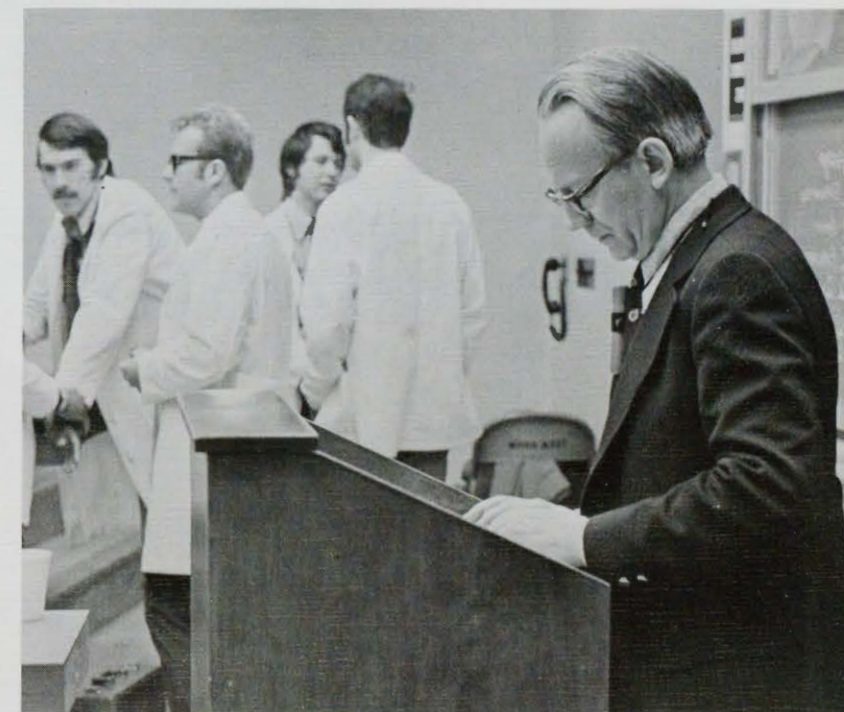
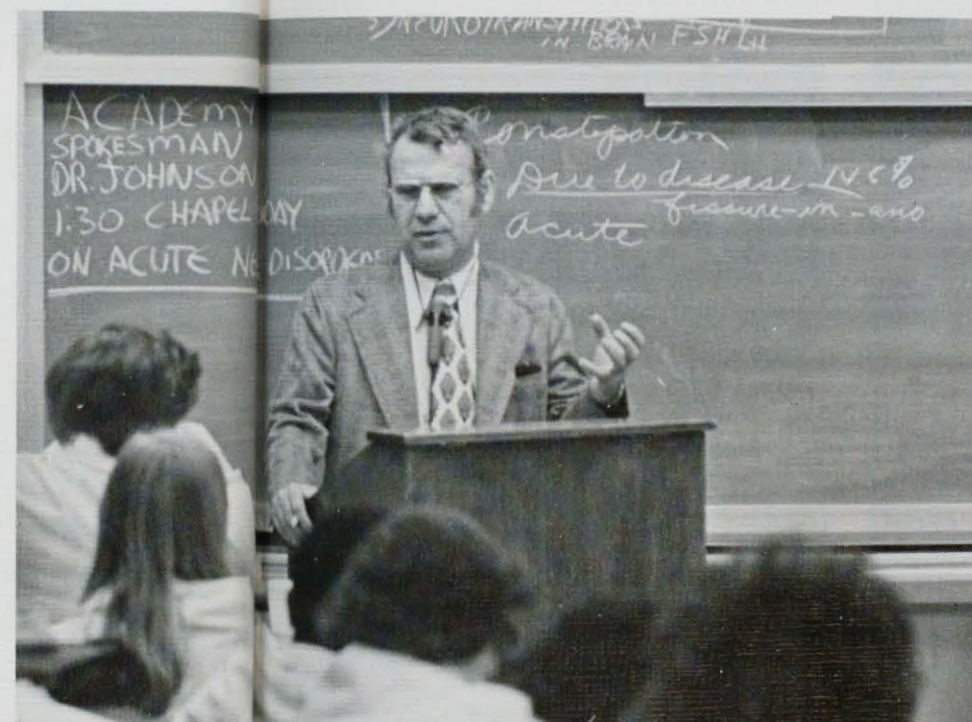
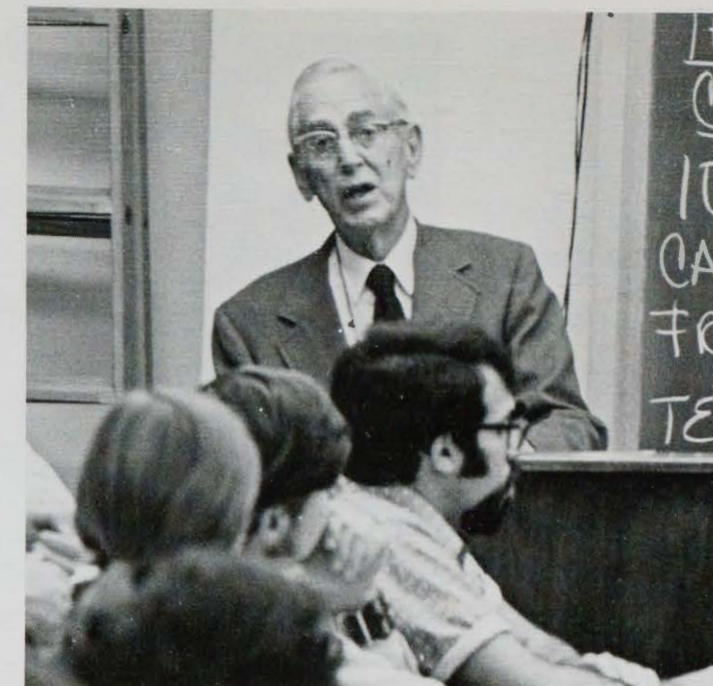
of this valuable interchange. Bruce Kaplan clarifies some significant clinical history to Dr. Lee. Glen Gerber points out an interesting symptom in a recently discussed hematologic disease. From LEFT BELOW: Dr. Polich reiterates a per-

inent 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

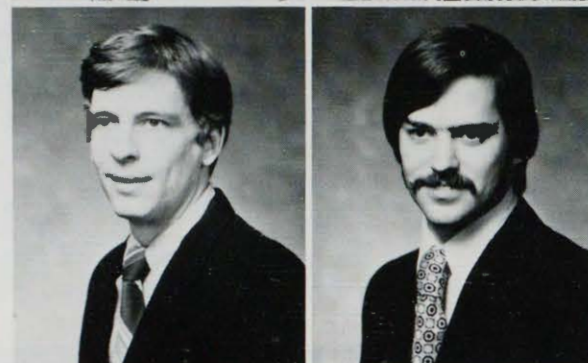
hints to an attentive class and equally engrossed subjects (LEFT). BELOW: Rob Petty demonstrates the "Well Baby" examination, Dr. Alberts reviews some notes prior to lecturing on "Approaching the Neonate", and Dr. Polich clarifies a confusing point.



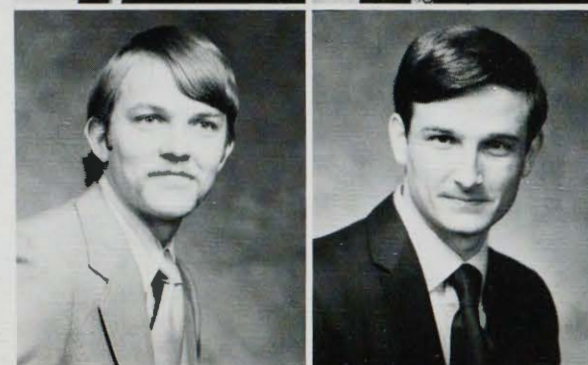
Darryl Aarons  
Ezekiel O. Abanishe



Edward Andersen  
Donald J. Anderson



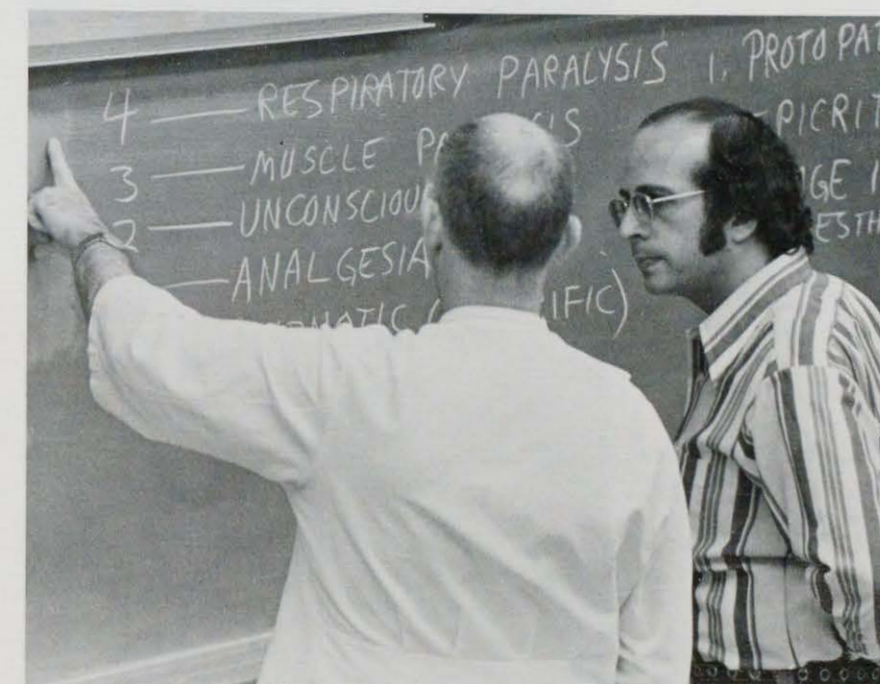
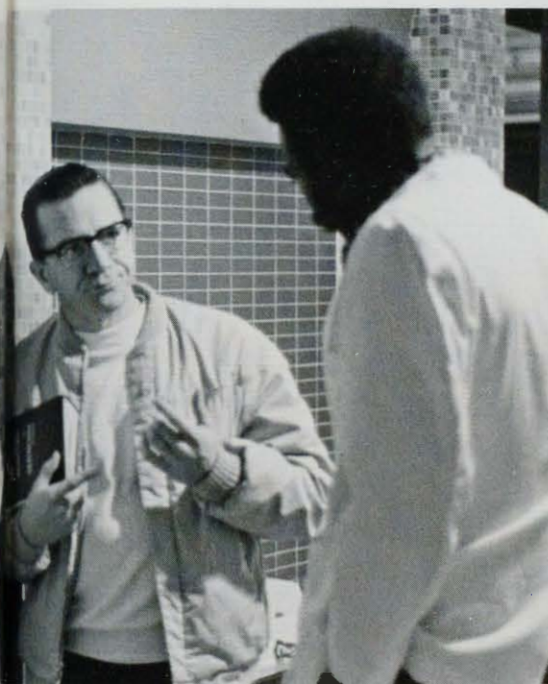
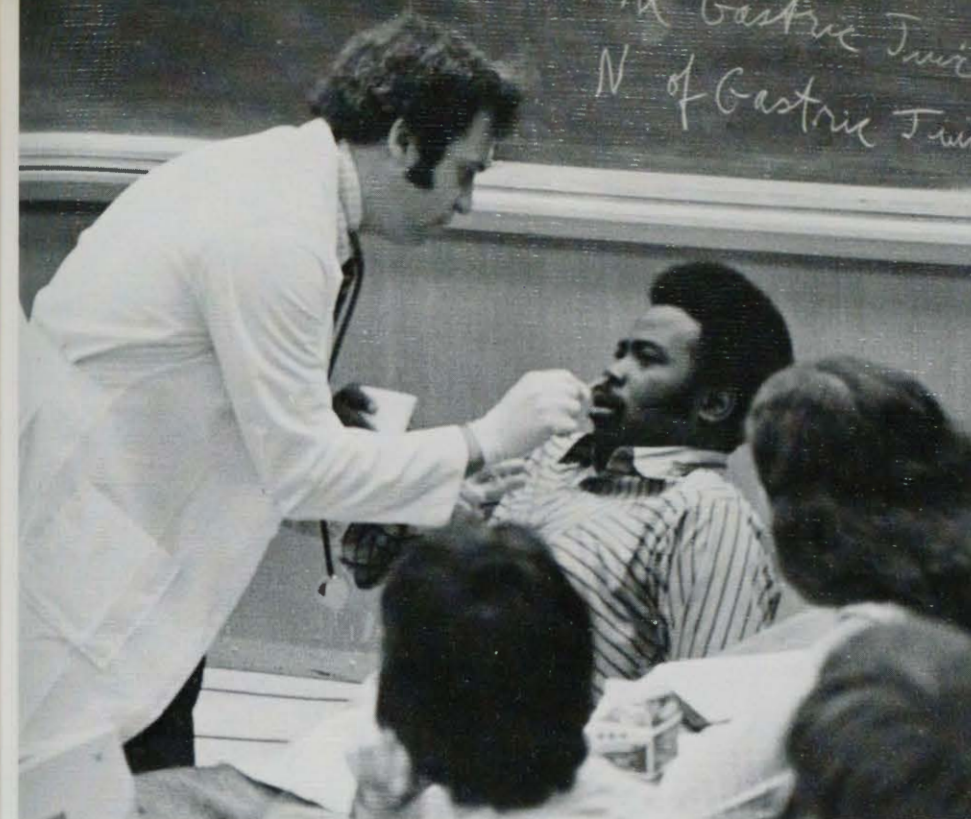
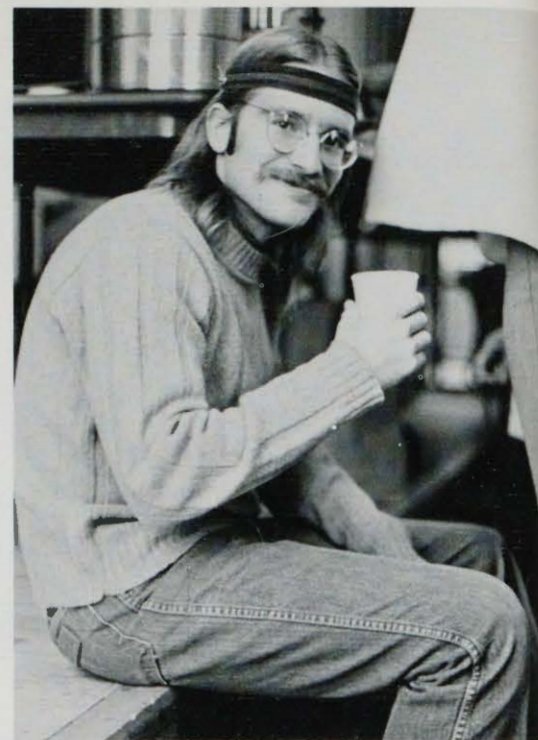
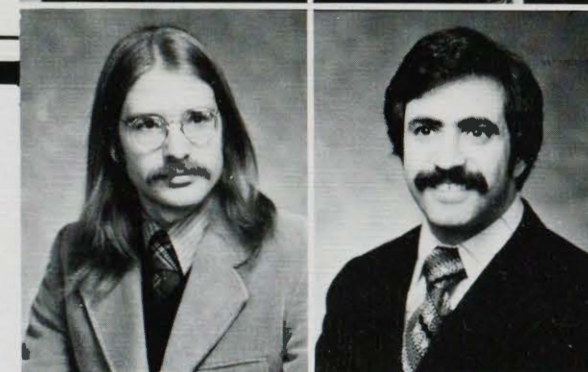
William Barkman  
David Barton



Kenneth Bayles  
James L. Beach



Bruce Elliott Blackman  
Andrew Blackstone



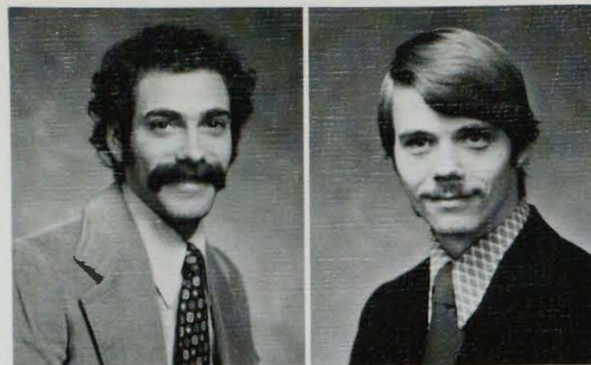
It became increasingly evident from "DAY ONE" that in-class hours were only a small part of medical training and the student can expect the seeming void to be well filled. ABOVE: Bruce Blackman grabs a shot-of-steam as Pathology ends and the Internal Medicine department stands

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.



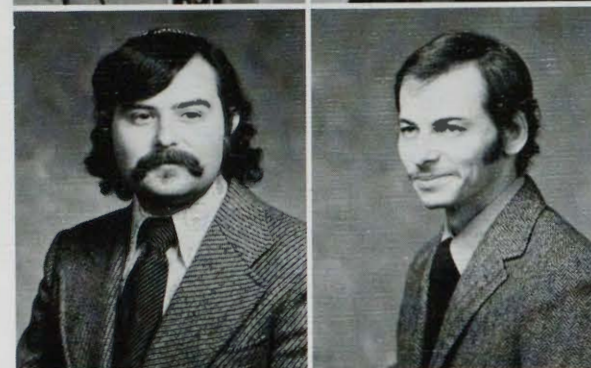
Martin Book

Michael Bosworth



Arnold Israel Brenner

Bill Brown



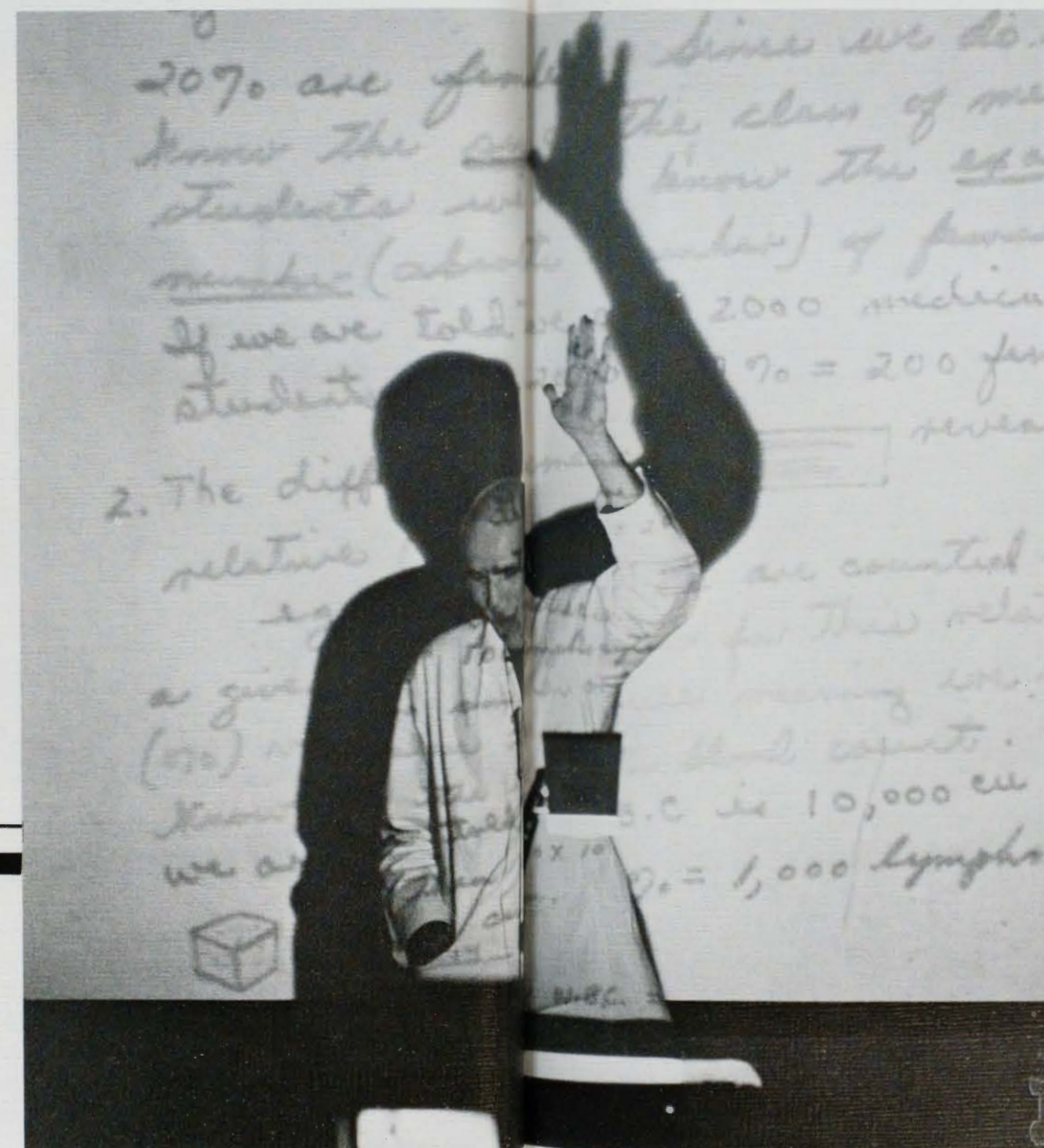
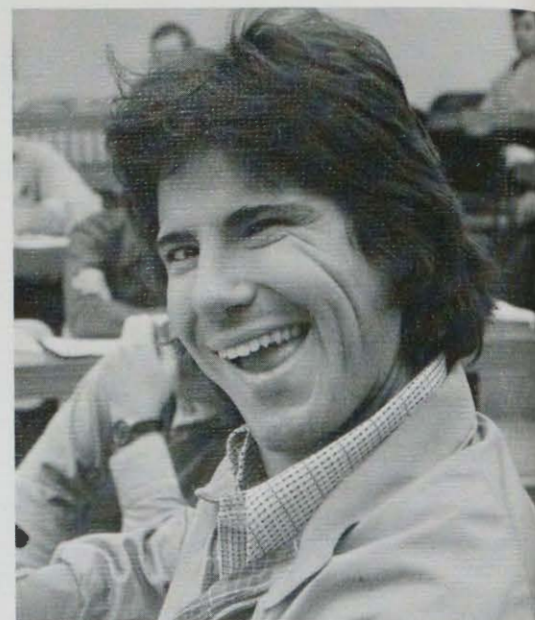
Richard L. Broyles

Joseph Samuel Cerni



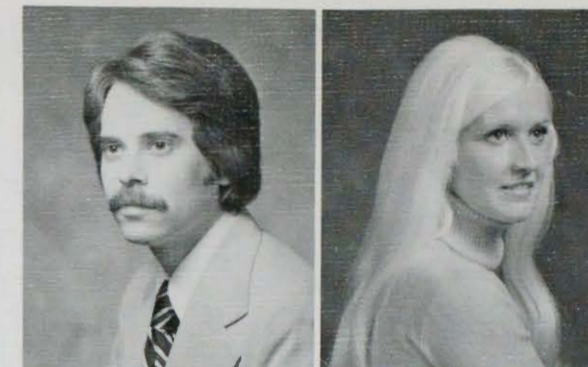
Doran M. Christensen

John P. Clark



Gregory Classen

Cherryl Collman



Deborah A. Copperman

David Dennis



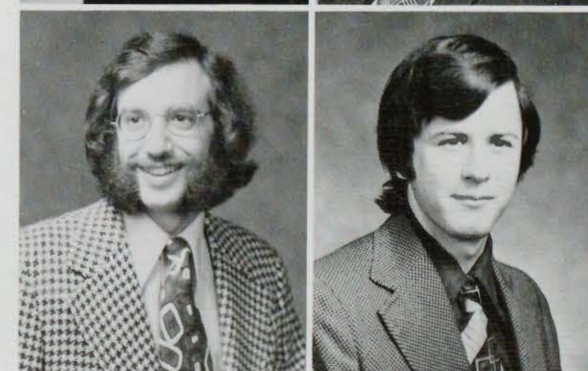
Anthony Dominic

Joseph Doro



Stephen Dubin

Bruce W. Duffy



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.

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

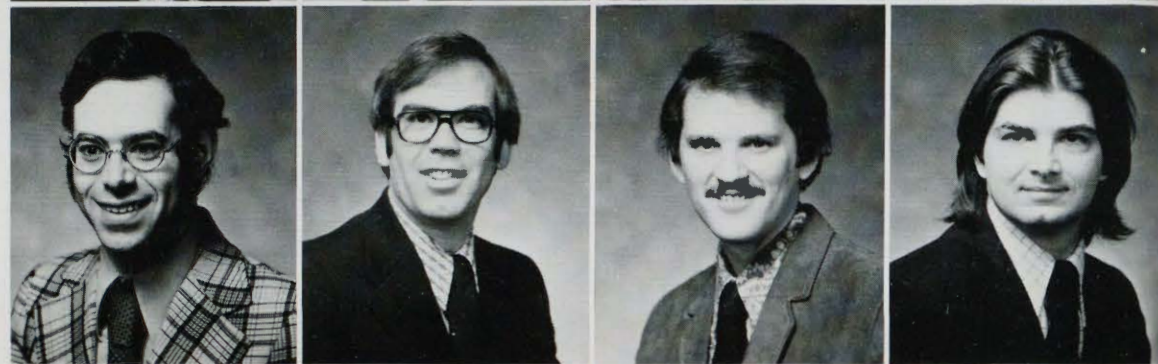


Glenn J. Gerber

John Geren

David Clark Gilman

F. Craig Glynn



R. Paul Groben

Barry J. Gross

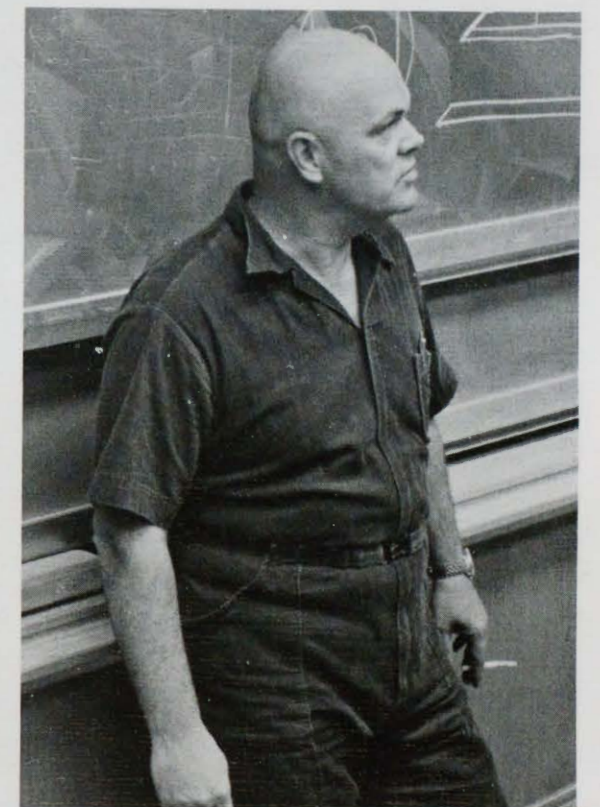
Paul Haberer

Lesley Hanson



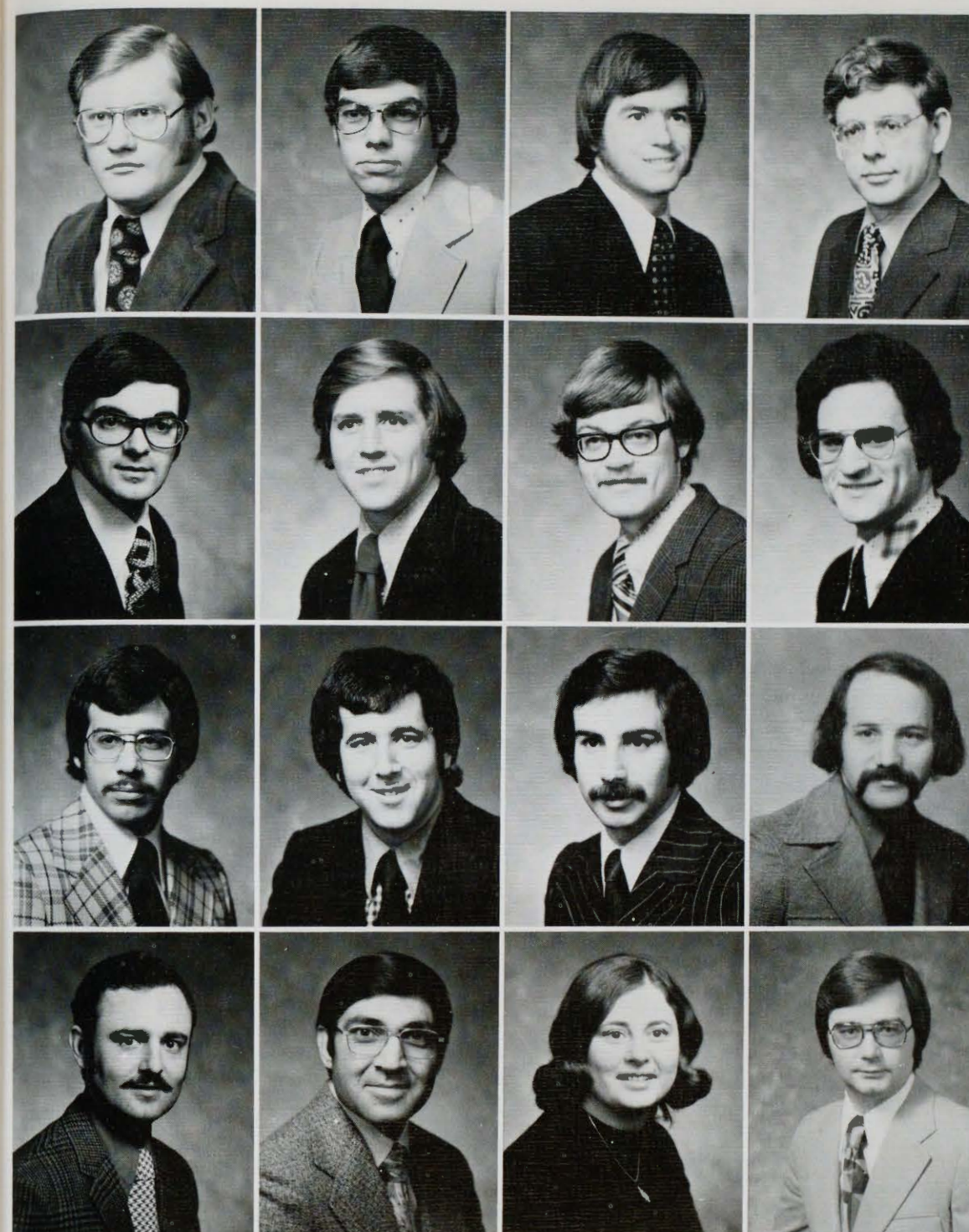
Modern electronics has become the legacy of today's clinical practitioner. We see here two of our students, Mike and Don, studying preprogrammed notes while attending a closed circuit televised lecture.

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-

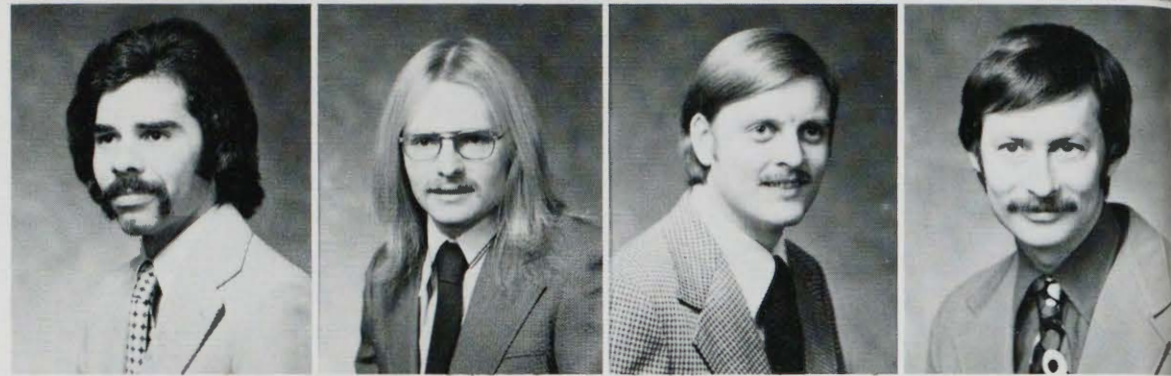
tion for an upcoming pathology exam. BELOW, Lesley Hanson picks up the week's notes (Left) and Pauline Ganger (pathology secretary) explains some examination procedures to the Group Leaders.



David P. Kosnosky  
Walt Krajewski Jr.  
Paul Krueger  
Terry Kurtz



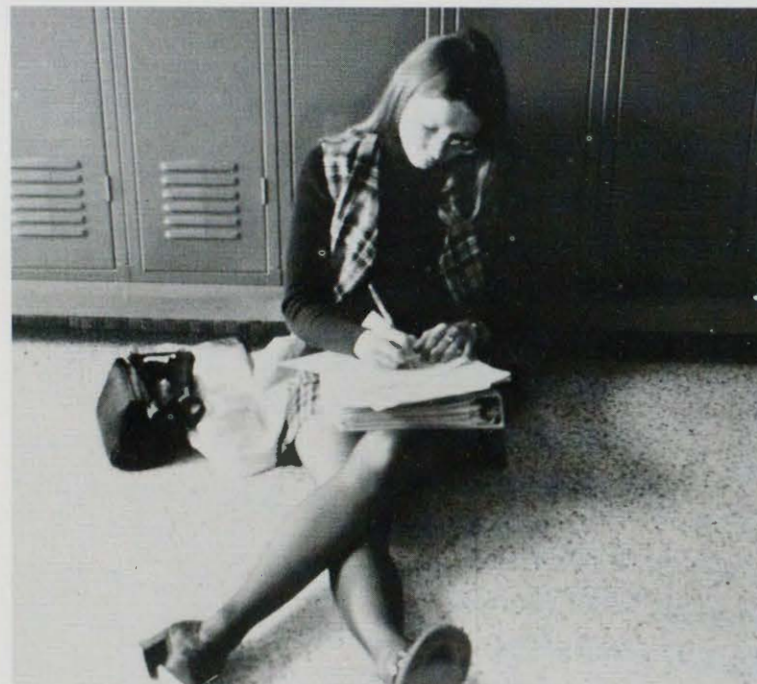
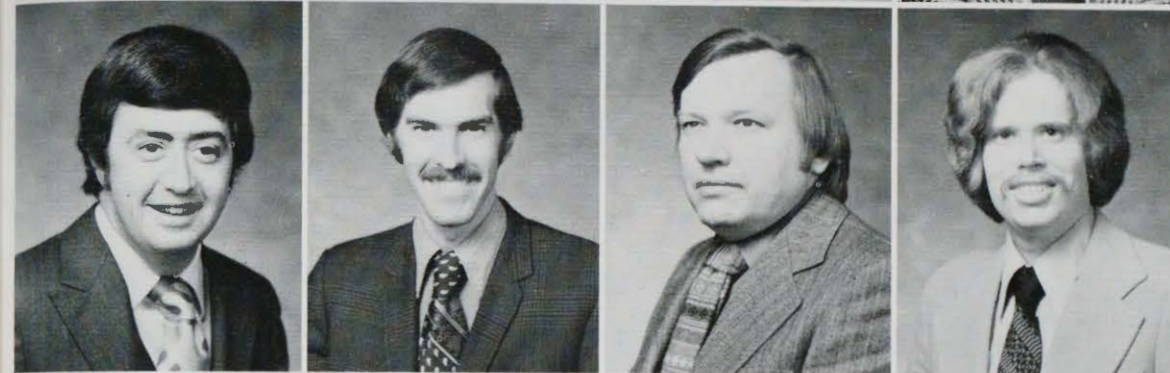
Michael R. Laffer  
James C. Lambros  
Lawrence A. Larson  
Alex Leeds



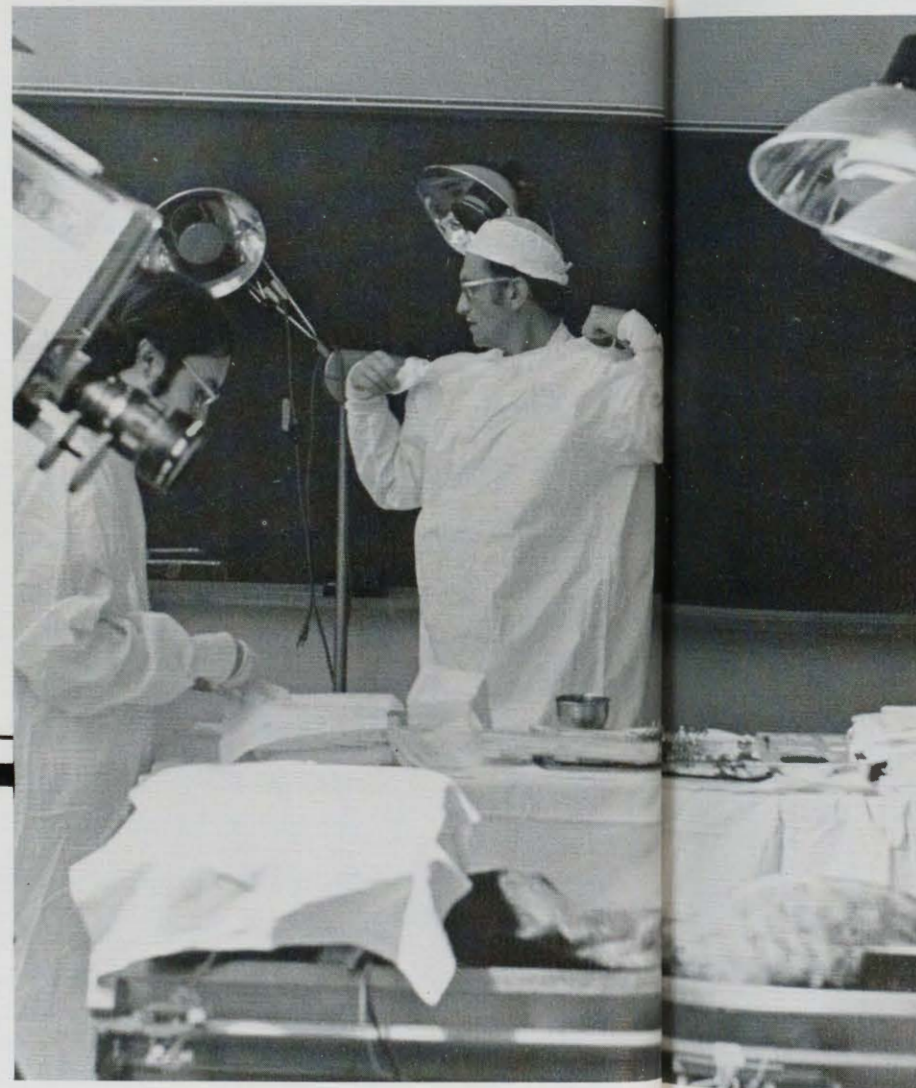
David Leibel  
Fredric Levin  
Audrey Lewerenz  
Steven Liakos



Gerard J. Lillis  
Douglas Linford  
Harry Liventals  
Paul Lorensen



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.

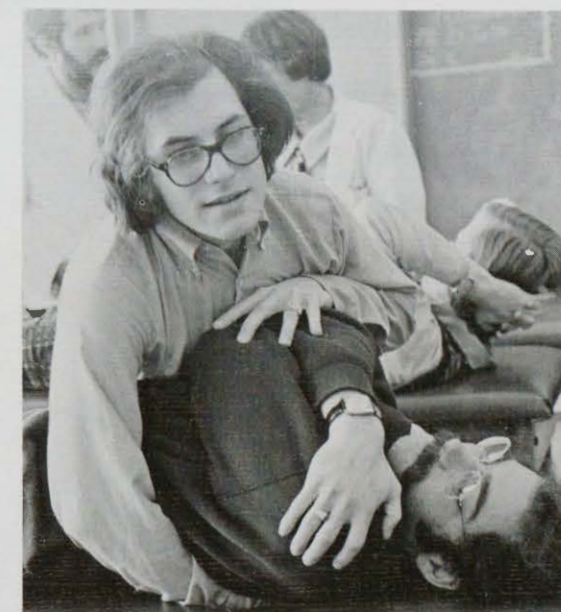
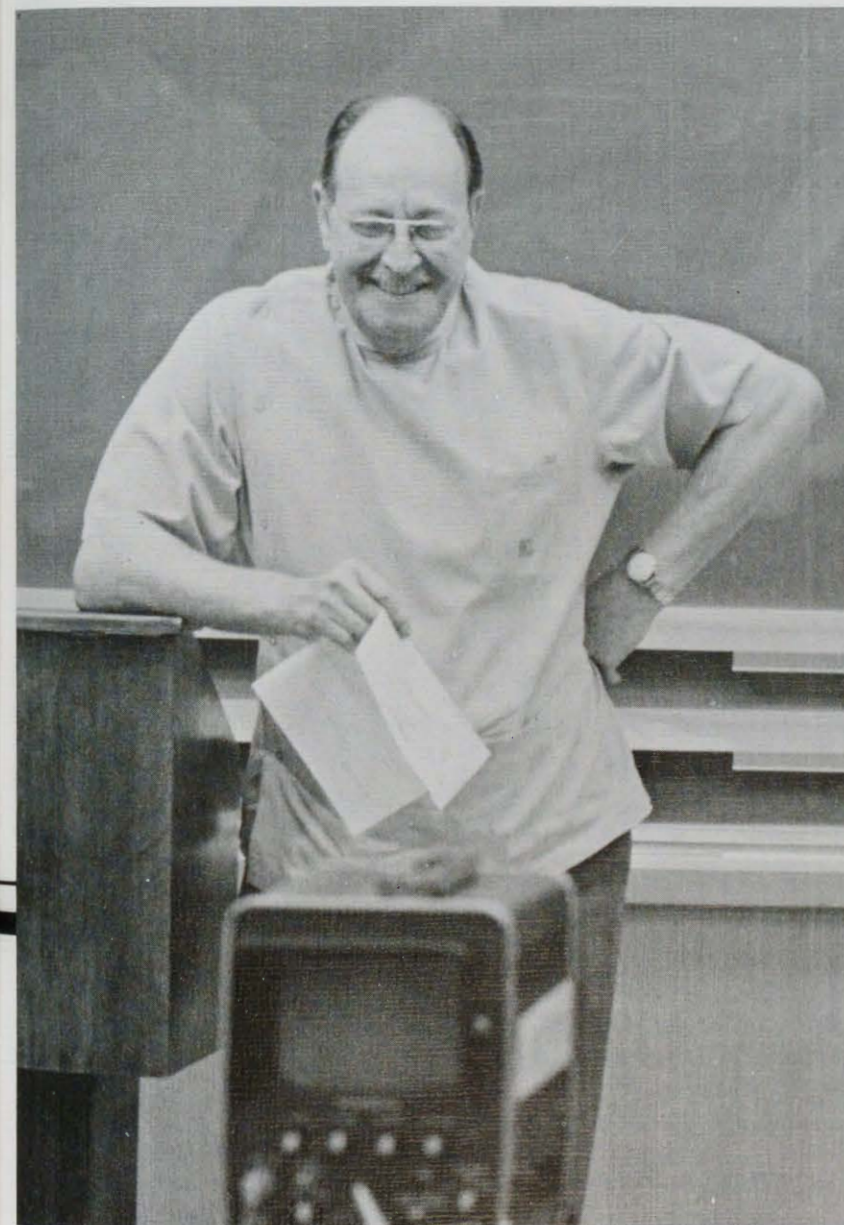
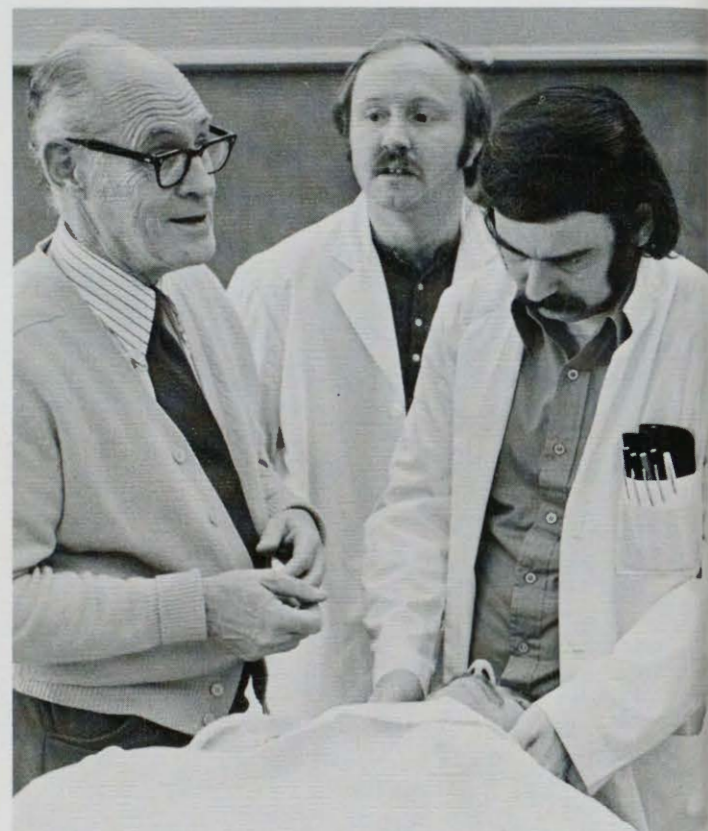
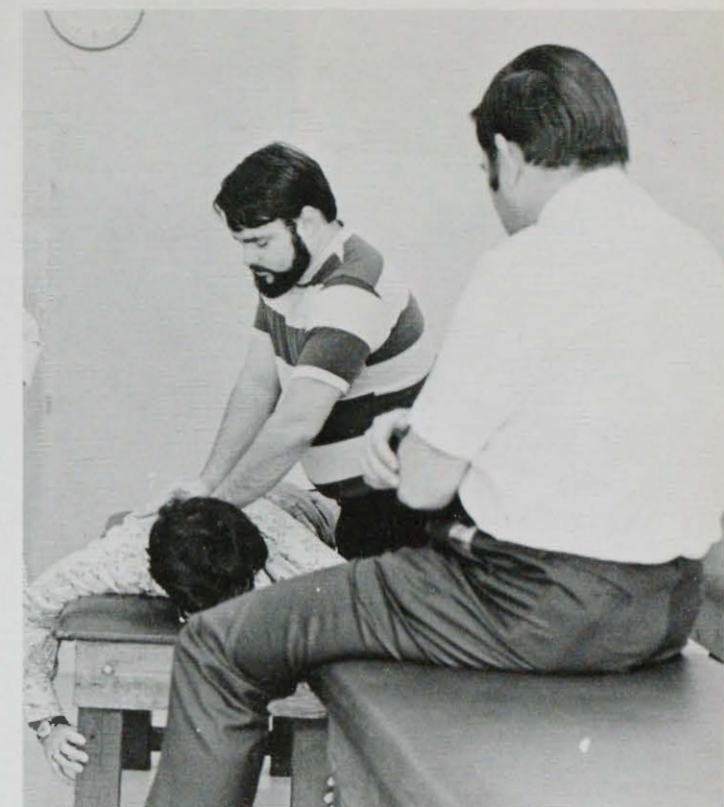
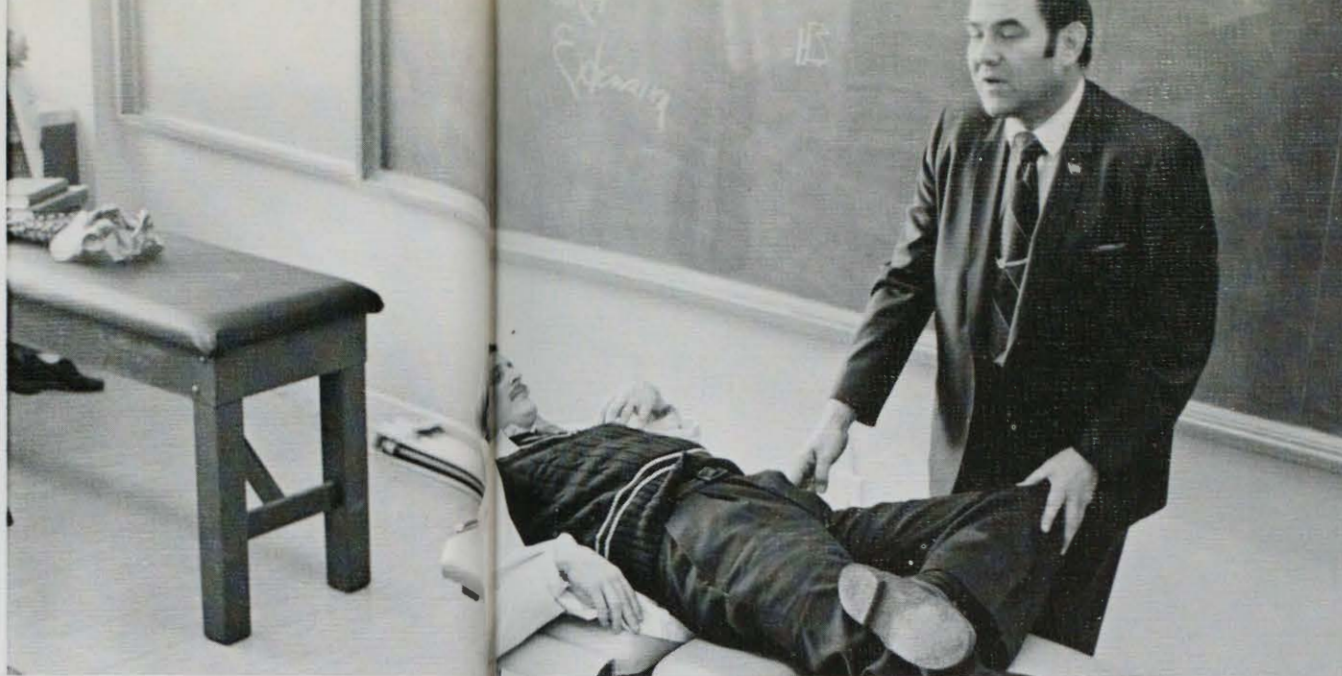


Harry Liventals demonstrates a few dynamics of hypnosis.



# 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



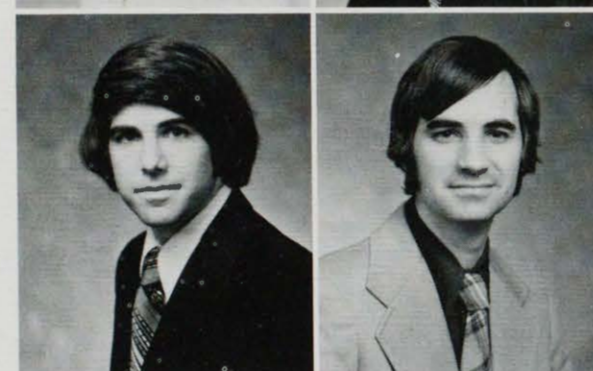
William J. Lynch  
Thomas E. McKnight, Jr.



Jewell E. Malick  
Stanley Malinowitz



Donald Marcus  
Ralph Marcus



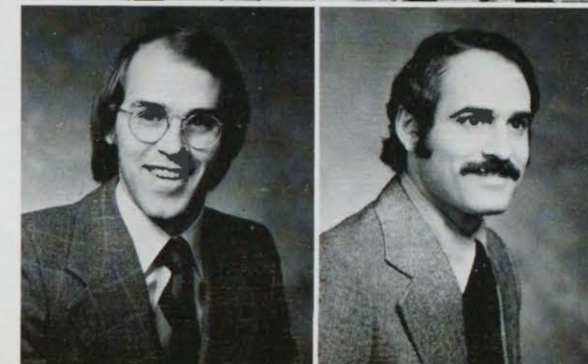
Jerry Markowitz  
Bruce G. Martin



Paul Martin  
Joseph Masternick, Jr.



Lorny Matthews  
Mark Meisel



Danny Mikesell  
Raymond A. Mondora



## 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

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

(LEFT) and a bit of muscle (RIGHT). Fortunately, the EKG order by Dr. Dakovitch on Bill Barkman's ankle did not reveal any serious pathology. However, auscultation over the gym area revealed a Grade VI/VI dejected sophomore murmur.

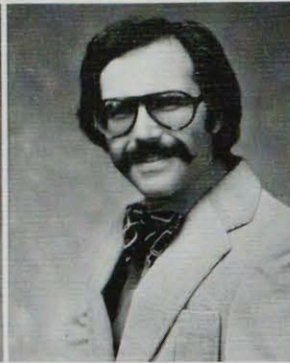


Lon Newlin

Harris M. Newman

Paul W. Nielsen

Norm Novelty

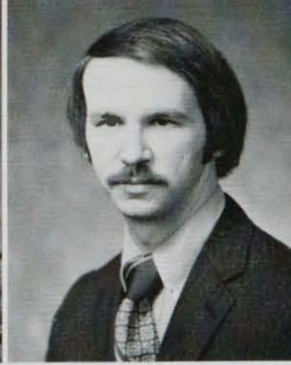


Mary Nunchuck

Linus C. Ohaebosim

Robert S. Orosz

Dennis Orr

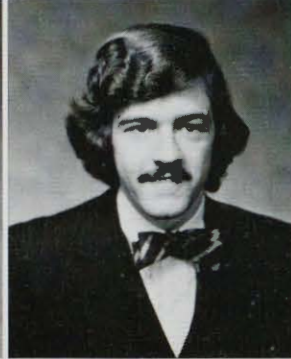


Edward H. Papish

Allan L. Parker

Todd Patterson

Don N. Peska

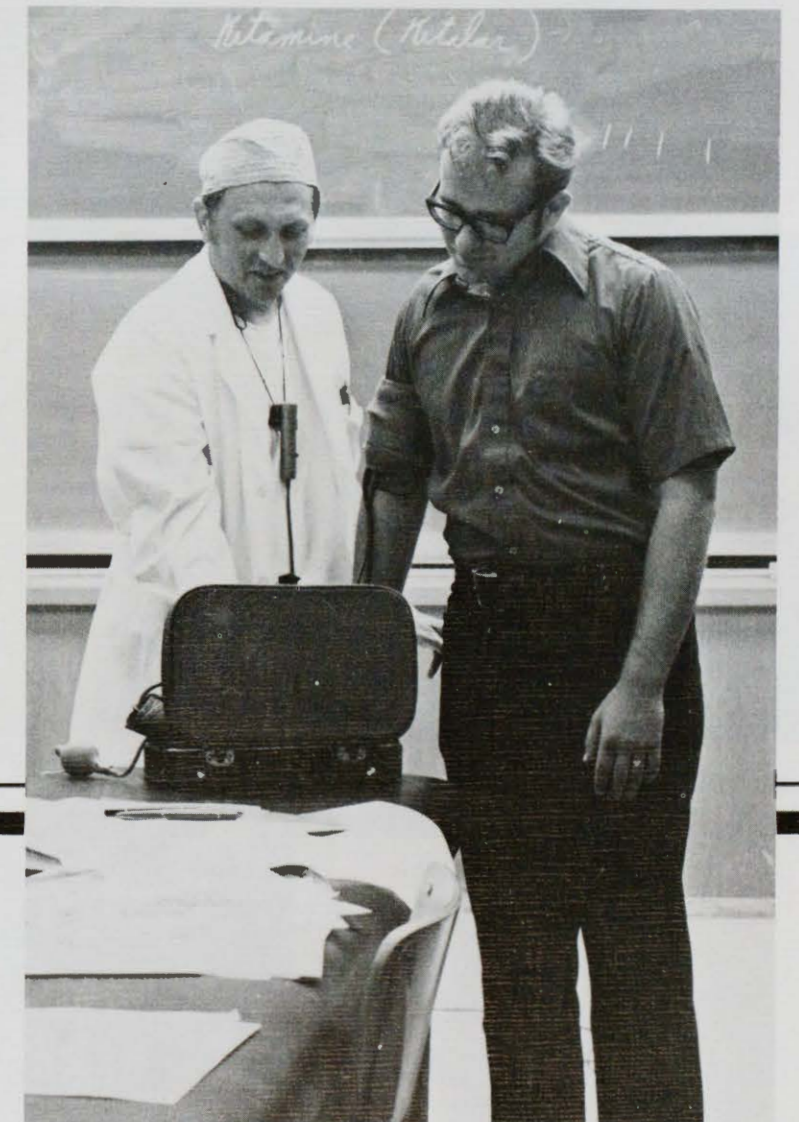
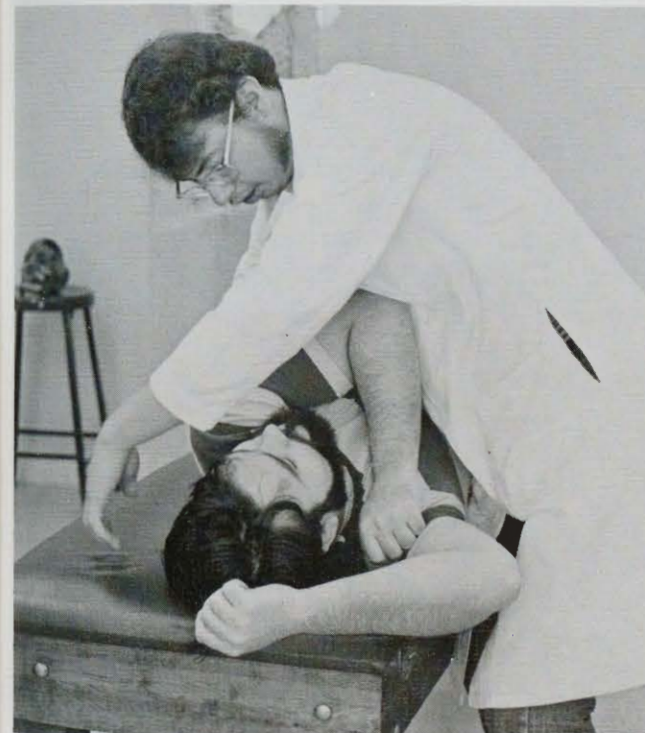
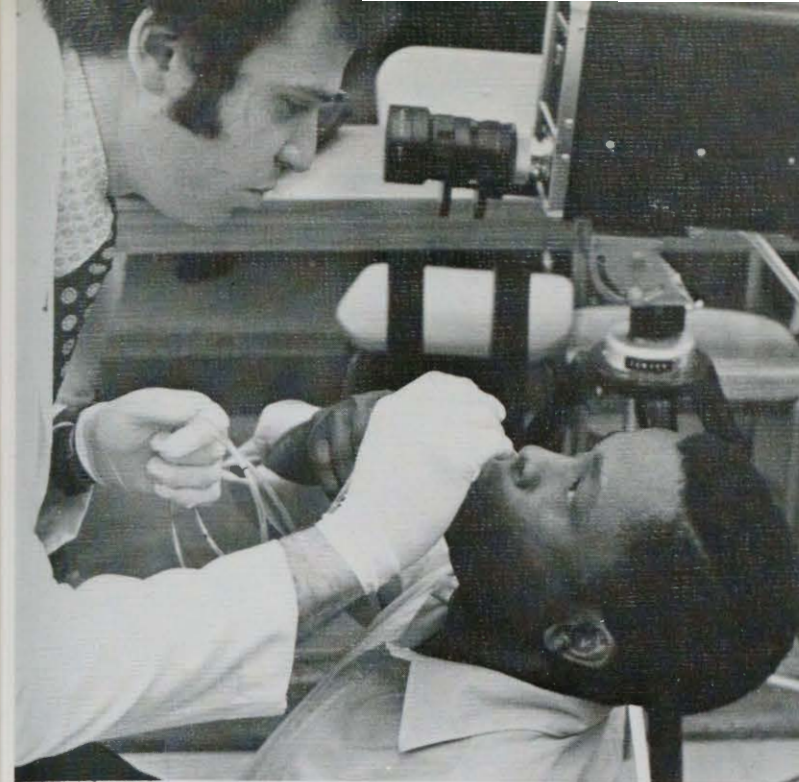


Robb Petty

W. Keith Petrella

Francis J. Piccione

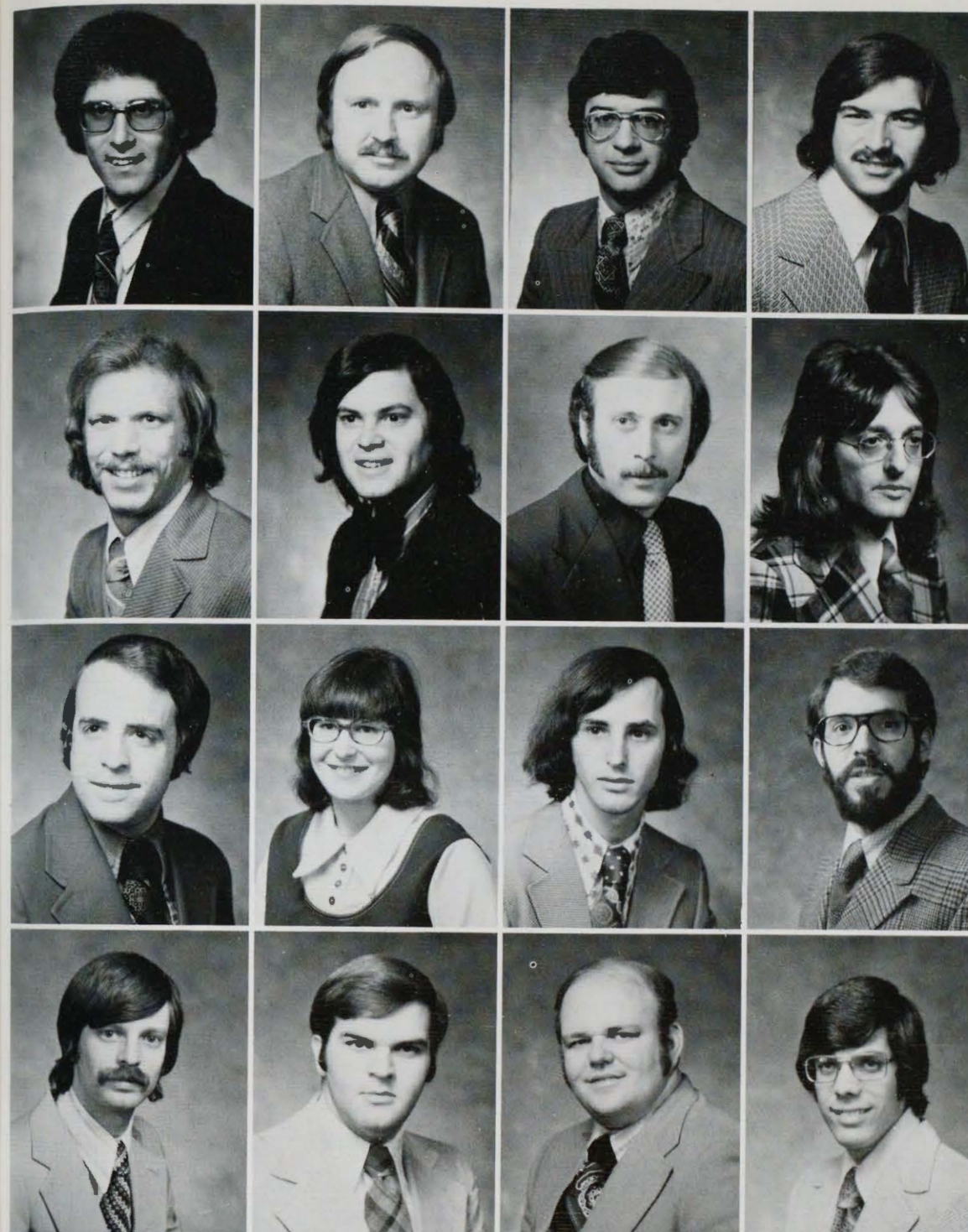
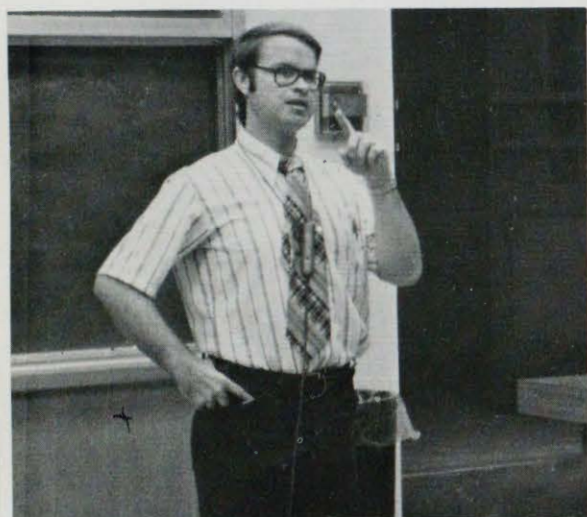
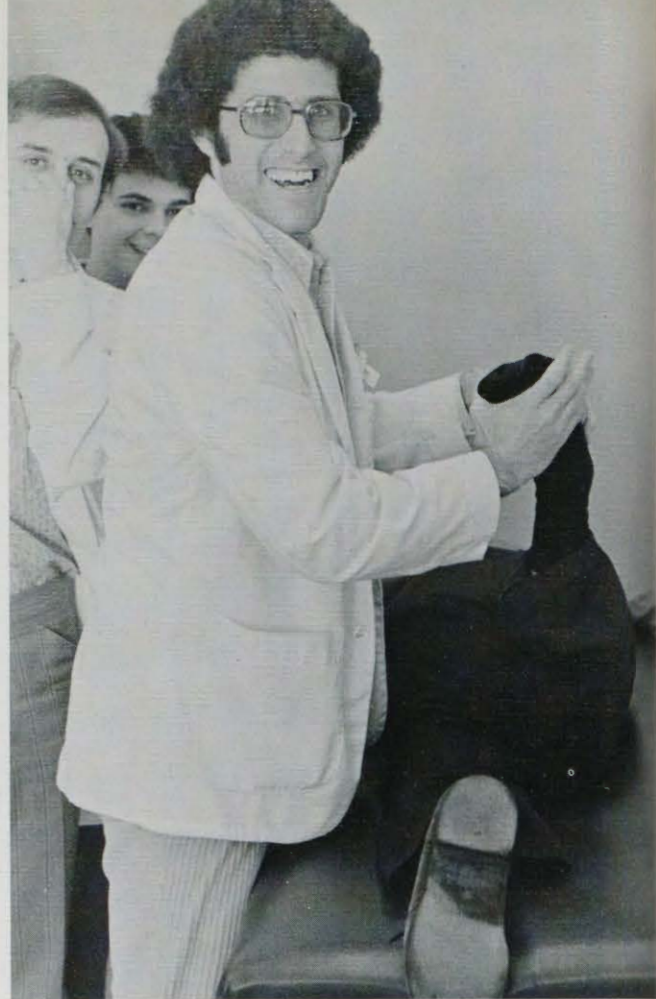
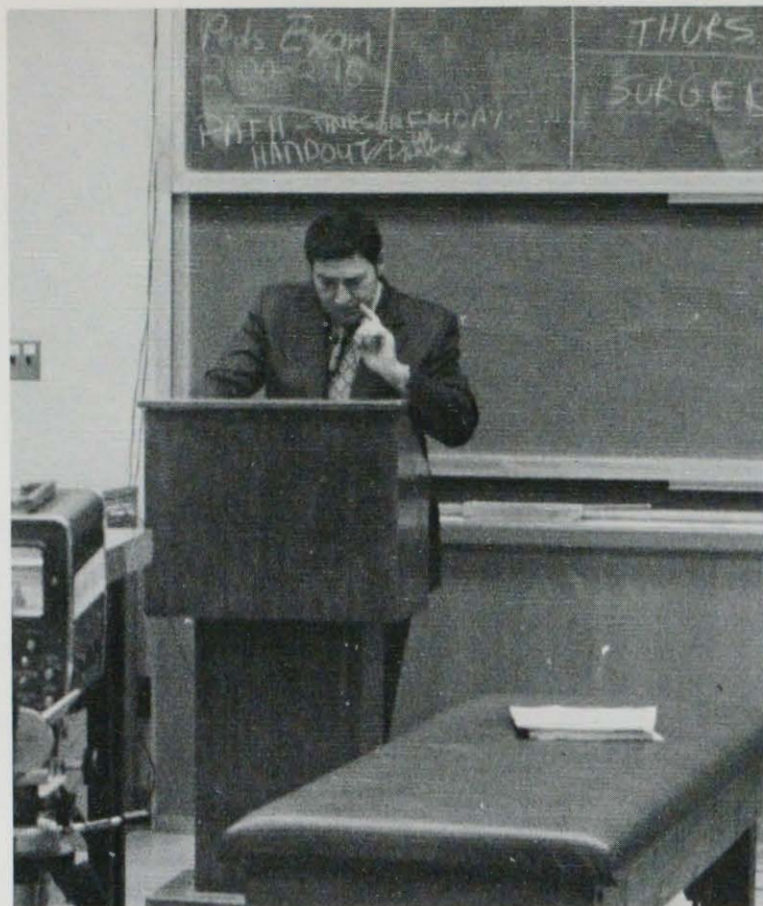
A. Joseph Pisciotto



"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

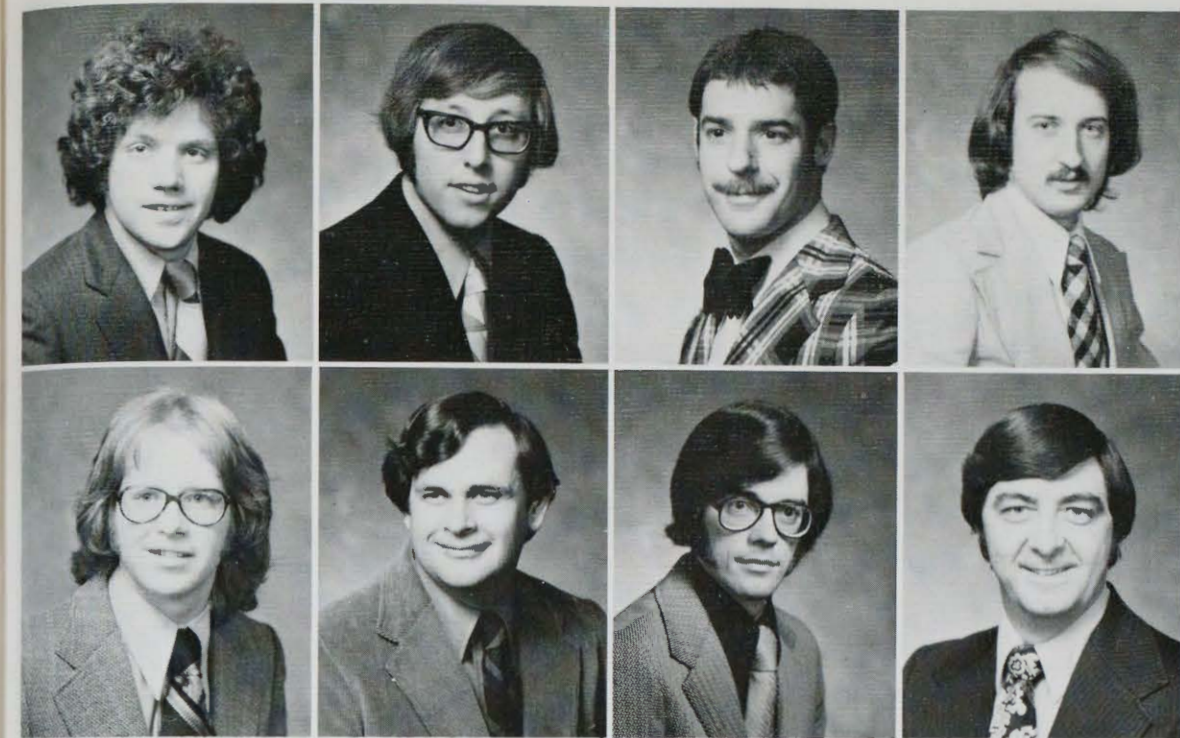
own methods of manipulation to Frank Piccione and Dante Toriello. BELOW, Todd Patterson describes the "Total Experience" of manipulative therapy to onlookers (FROM LEFT) Jeff Wasserman, Glen Gerber, Fred Sager, and Rita Shapiro.



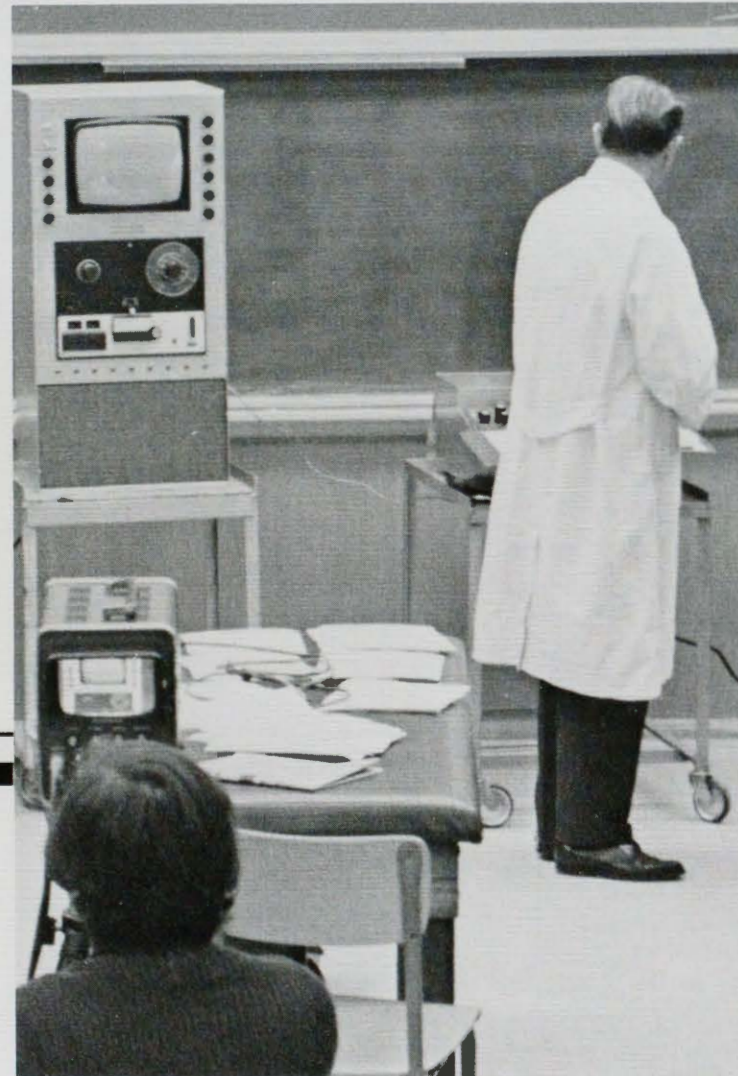
Frank J. Stefanec  
Norm Stempler  
Francis Tacka  
Dean Teeter



Samuel Tokuyama  
Dante R. Toriello  
Lawrence Tyler  
Lawrence Waite



Tom Wallach  
Jeff Wasserman  
Ira H. Weiner  
William Welsh  
  
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.

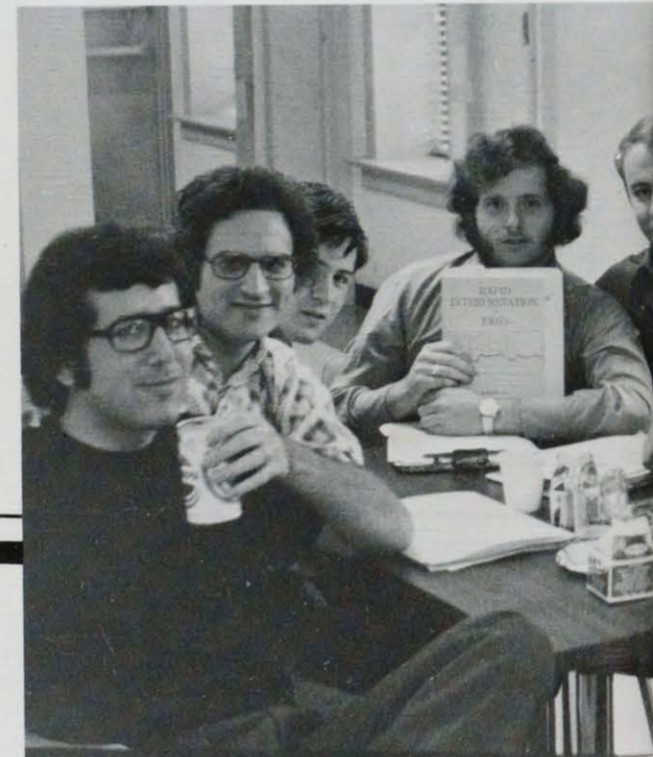
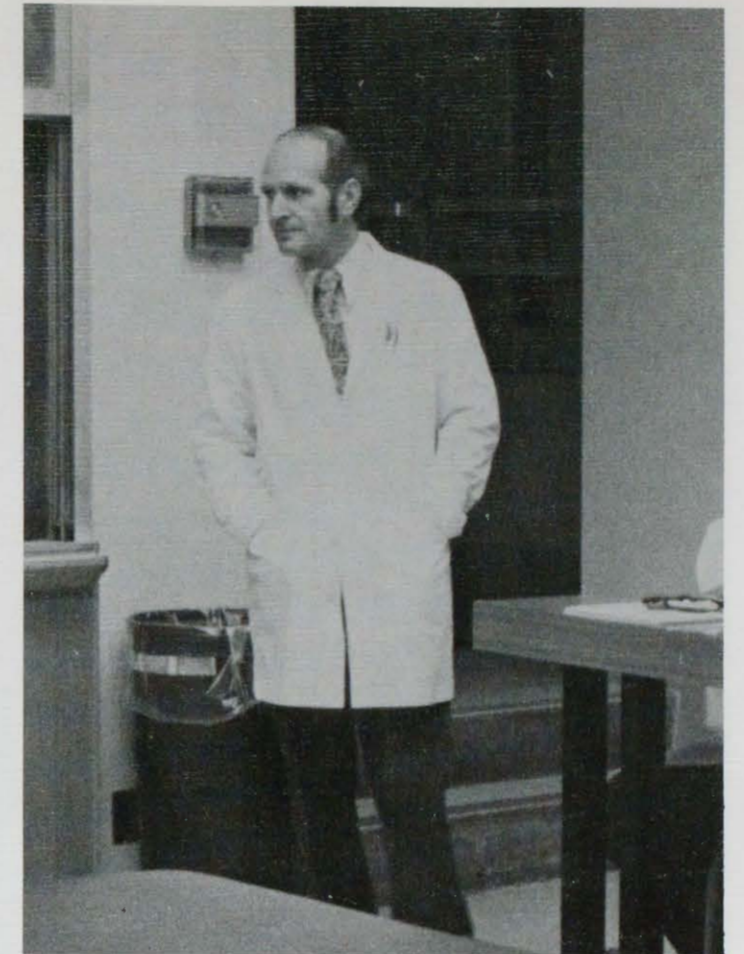
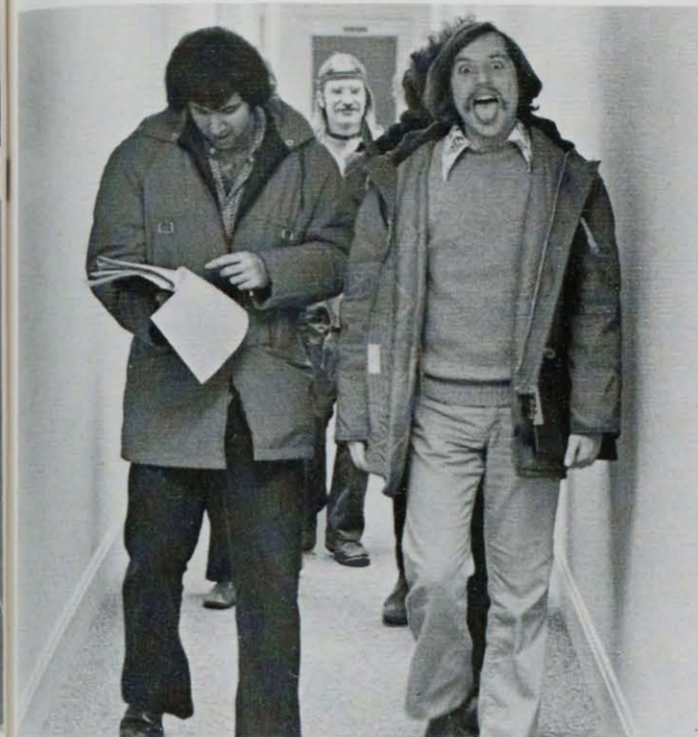


Laurie Woll  
 Terrie Wurzbacher  
 James Yarnal  
 Darryl Steiner



PICTURES NOT AVAILABLE:

Lester Owens  
 Vicki Petersen  
 Gary Valetin  
 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, "Captain Crunch"

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.

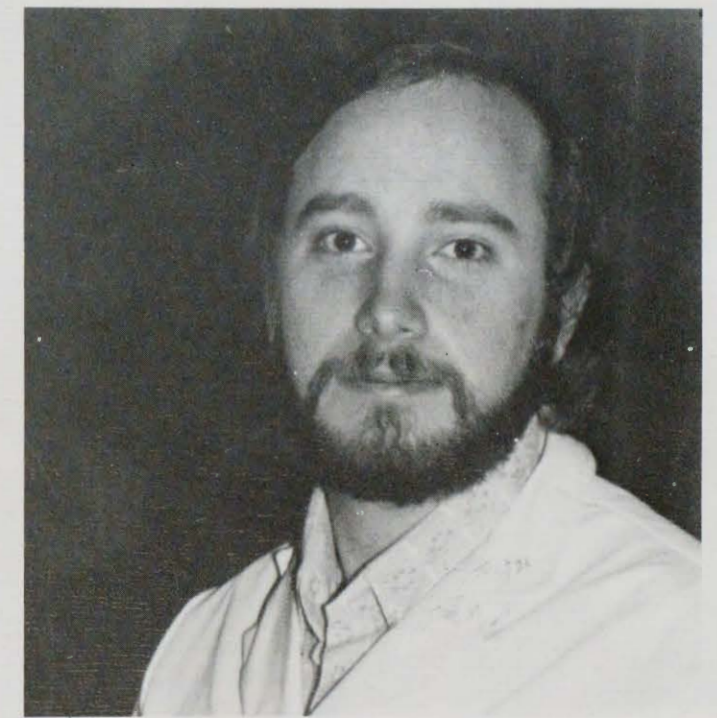
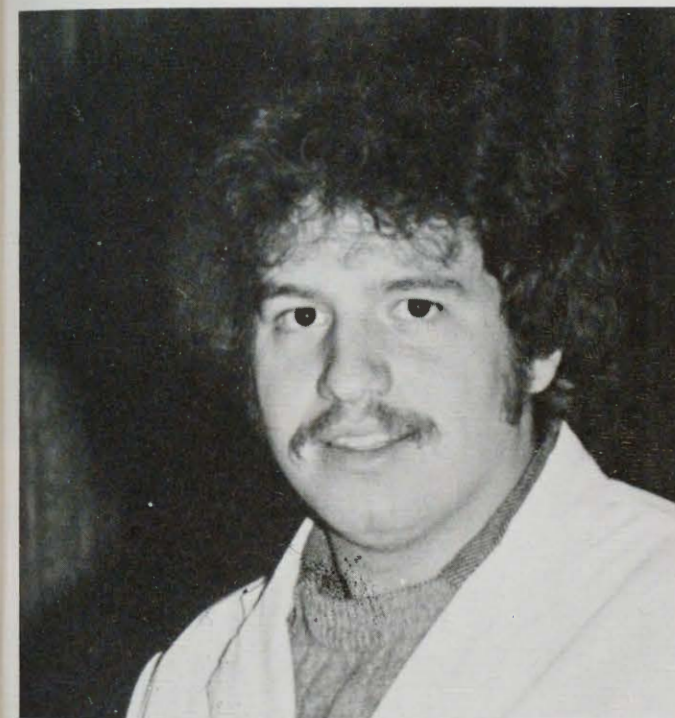
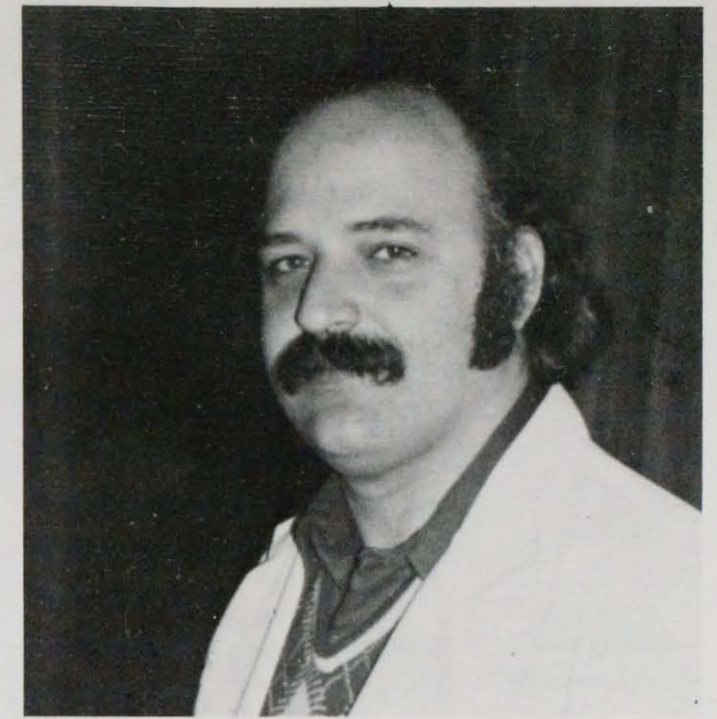
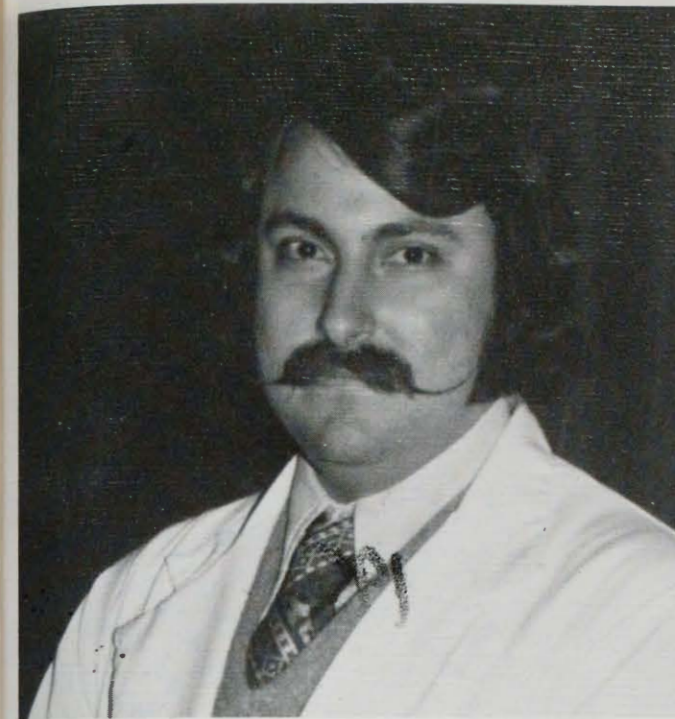


## Class of 1976

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

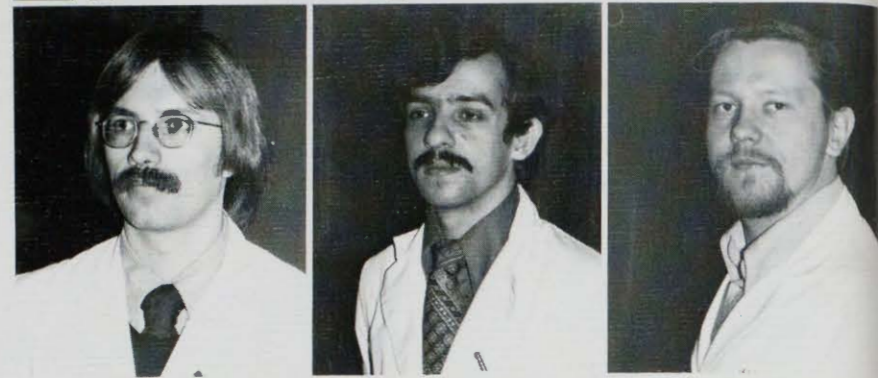
Secretary  
Frank Labagnara



Richard Adler  
Dennis Amundson  
Marvin Arenstein

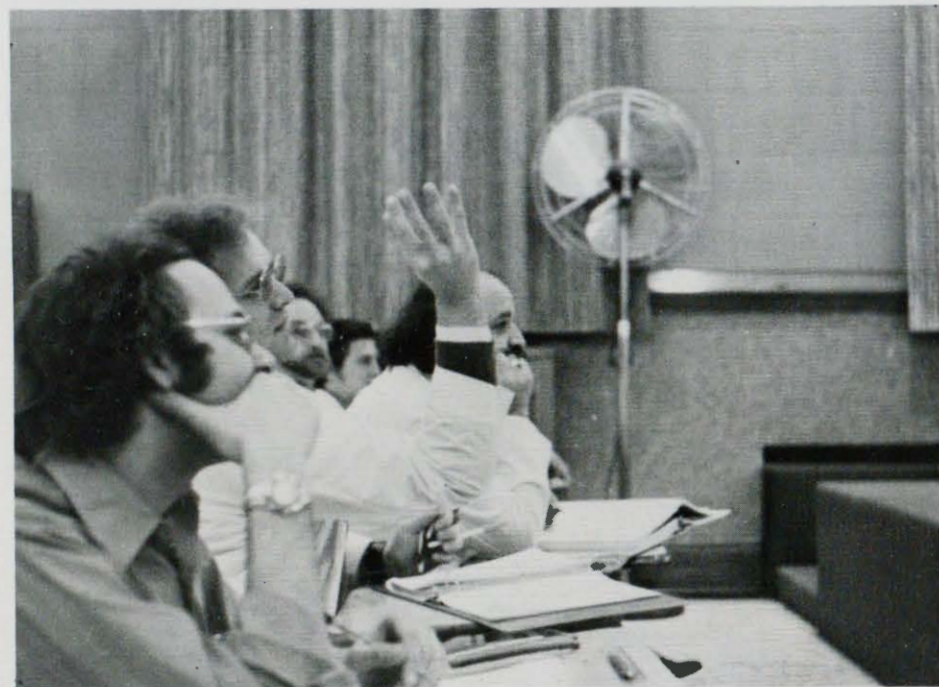
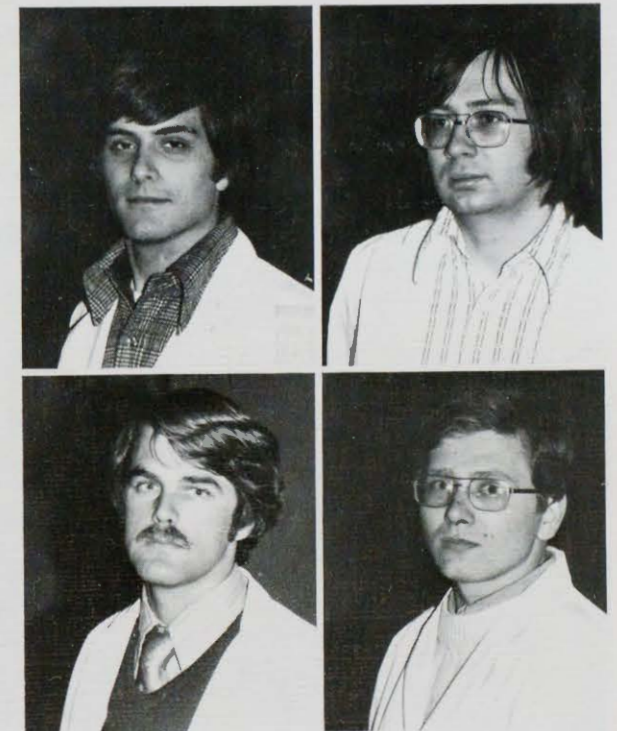


Harry Arthur  
David Avila  
Albert Aymer



John Badcock  
Richard Barber

Mark Baker  
Ernest Barch



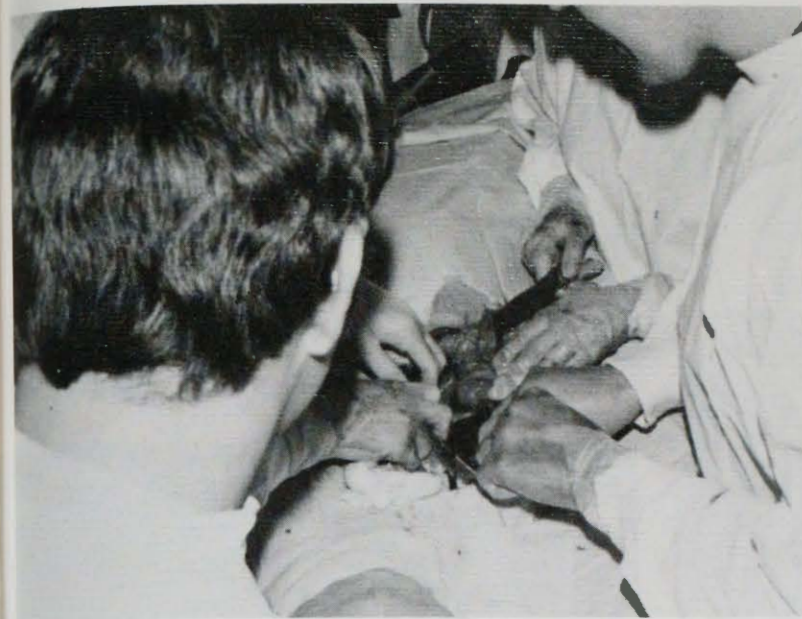
The Di Virgilio - Chimielewski  
neuroanatomy team. Dr. D lec-  
tures and Dick interprets.



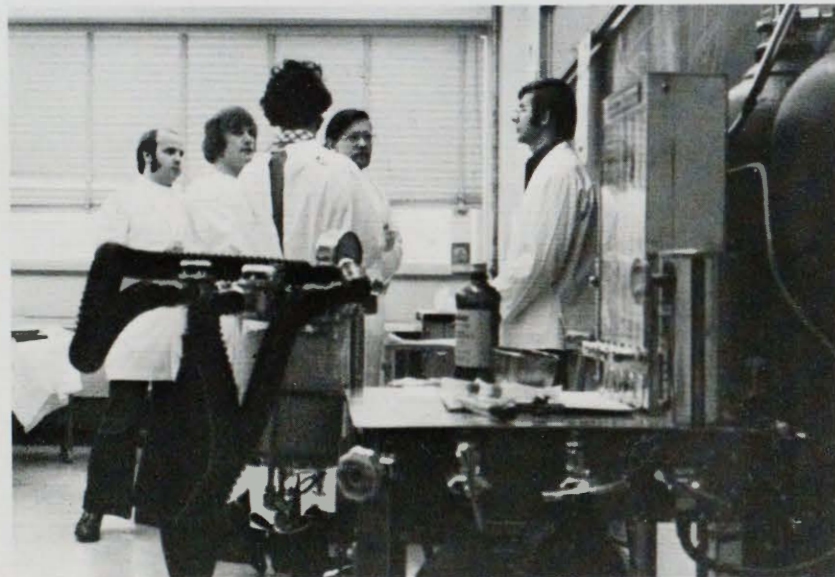
Chris discovers that tests are  
still given during energy shor-  
tages.



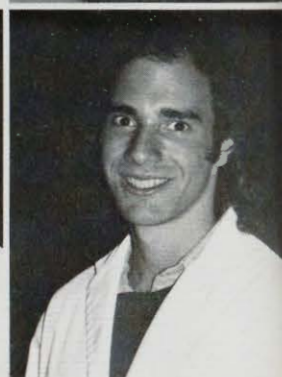
ABOVE RIGHT: Karen Kantor and Bill Jagiello perform an appendectomy with the assistance of advanced students.



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.

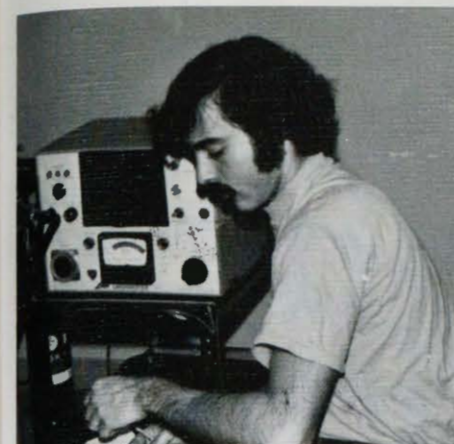
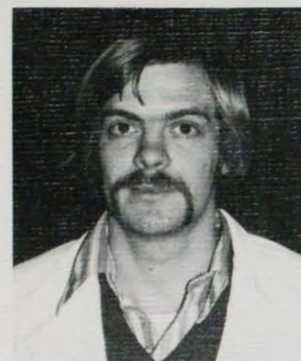
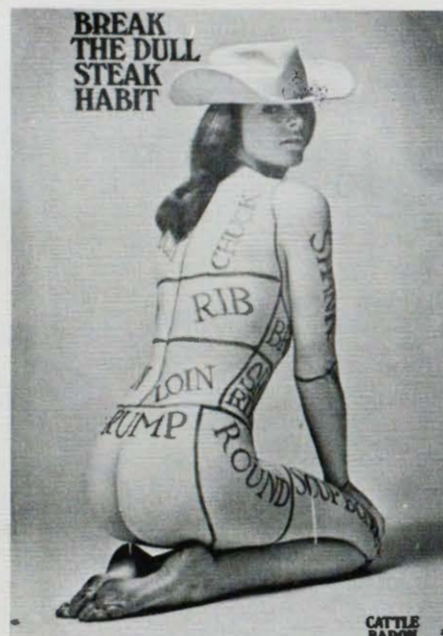
BELOW: "This is going to hurt me more than it does you!"



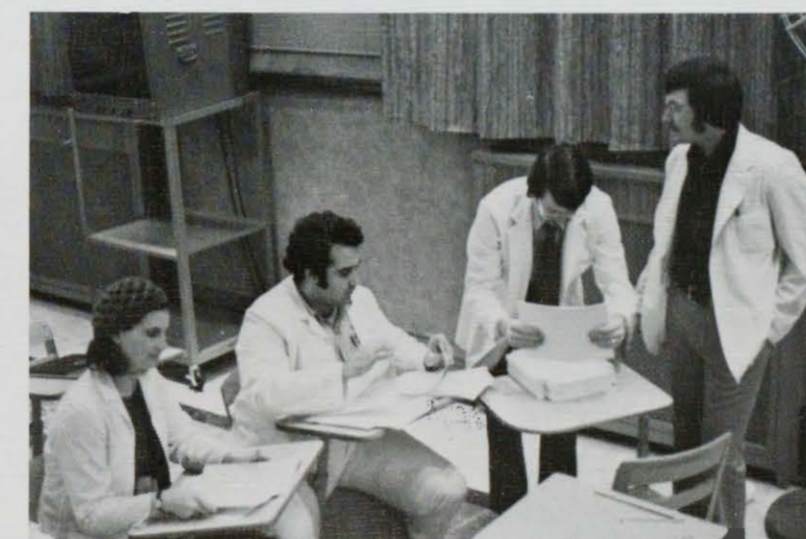
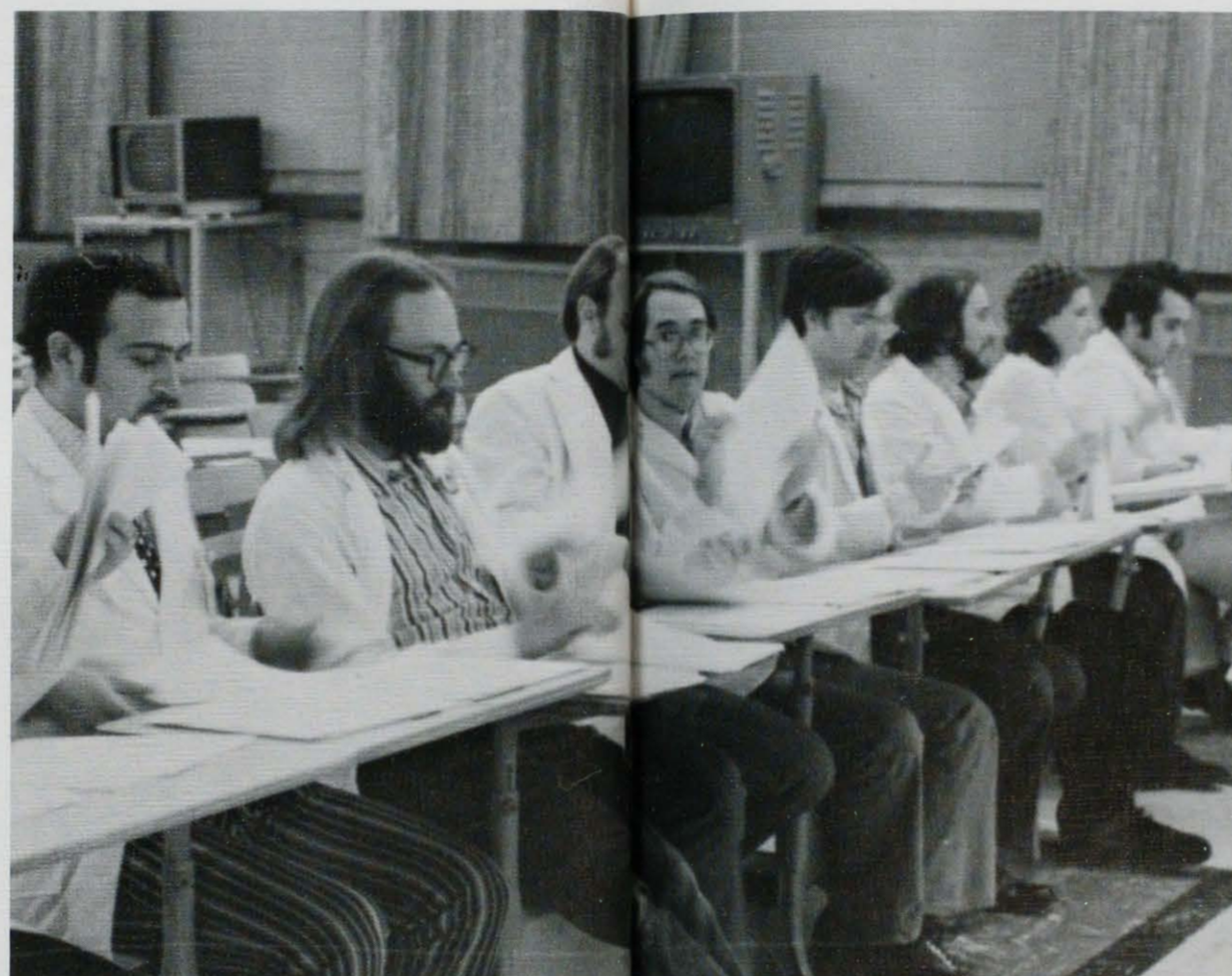


TOP TO BOTTOM:  
Michael Cassaday  
Robert Chambers  
George Cheng  
Richard Chimielewski

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



Kim Christensen  
Charlotte Cleavenger



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

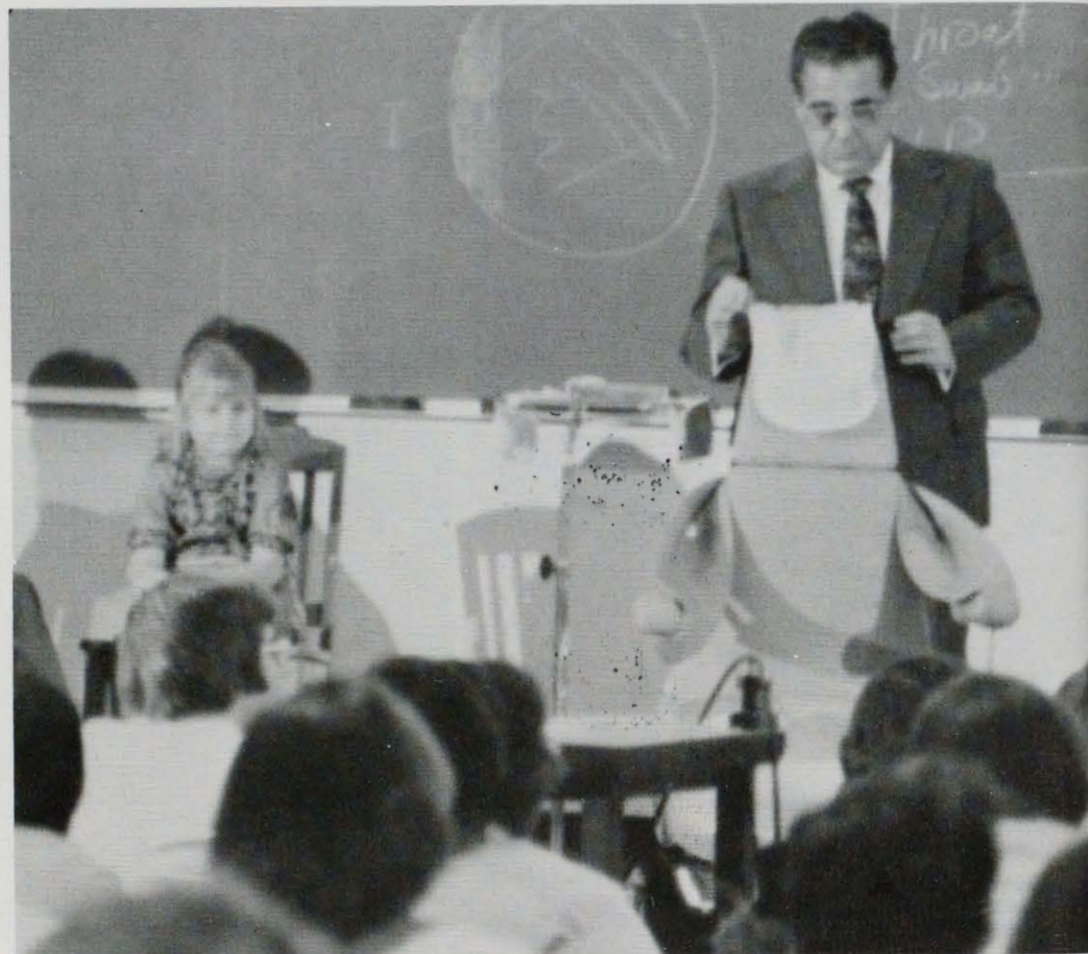
CENTER AND LOWER RIGHT:  
The freshman class expresses its appreciation to John Deagle and Mark Shaw, along with many other willing volunteers, whose work in the note pool made our first year much easier.

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





The class enjoys a somnambulist's 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.

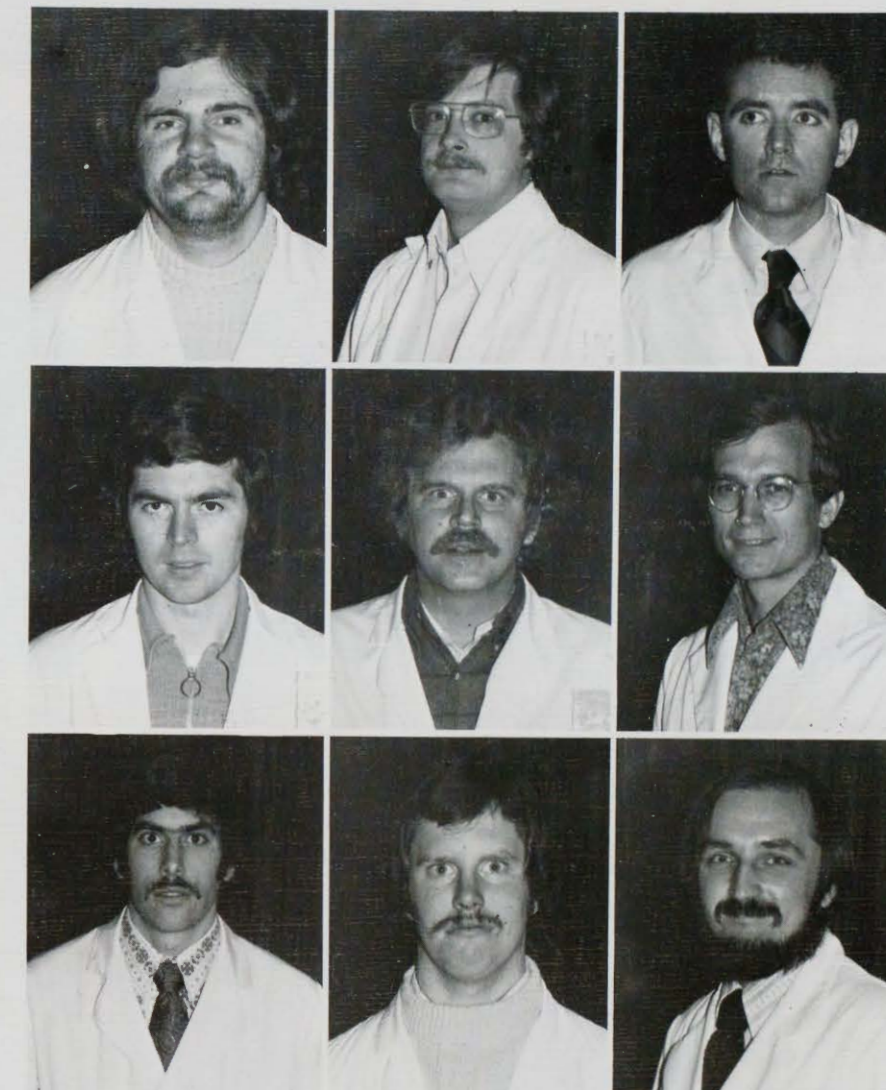
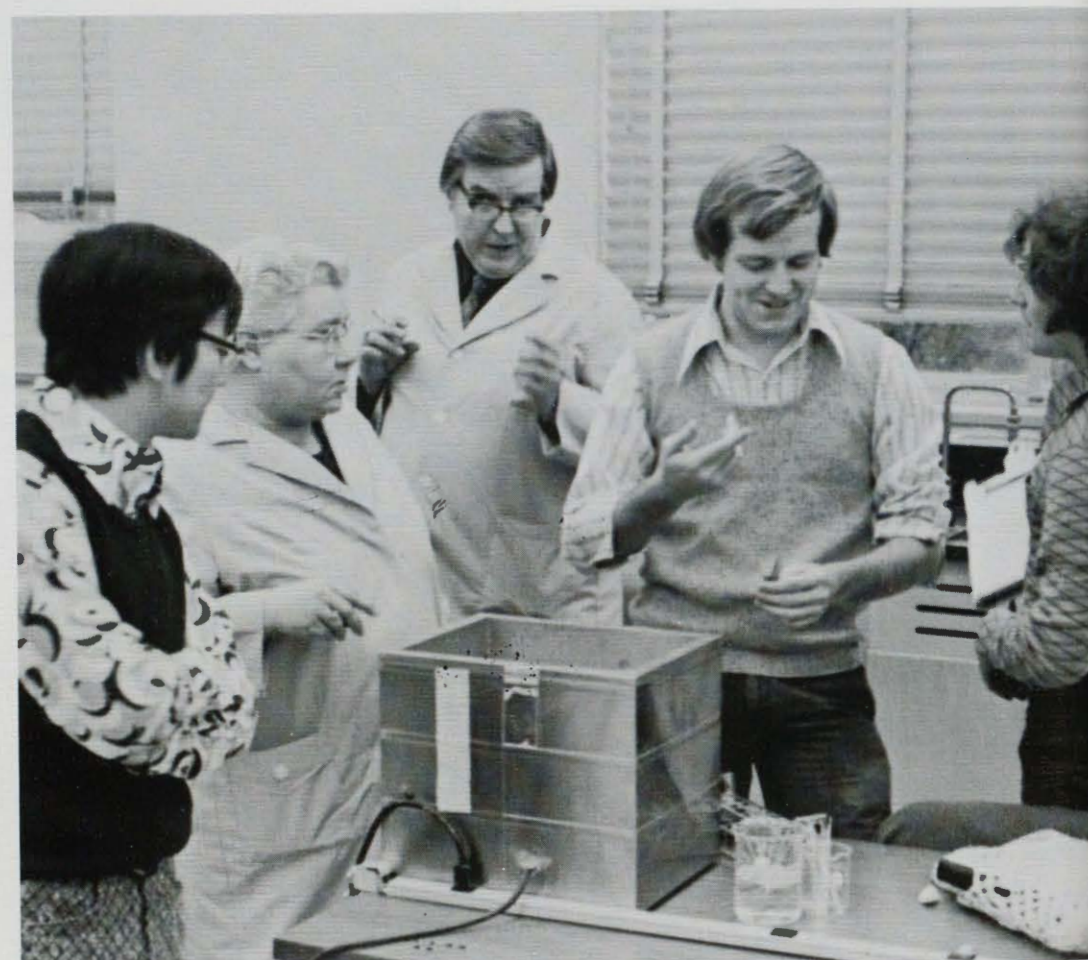
BELOW LEFT:  
Dr. Sachs: "... and second of all we'll be talking about the bluid."

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 ROW LEFT TO RIGHT:  
George Costea  
William Cruzen  
John Cusack



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. Celandier and Ellie  
Kitchen distribute the in-  
evitable weekly progress ex-  
ams.

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

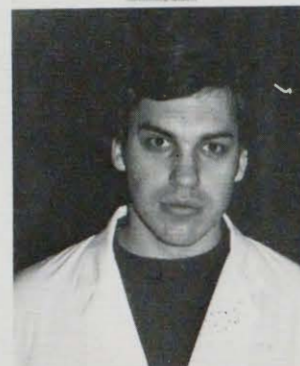
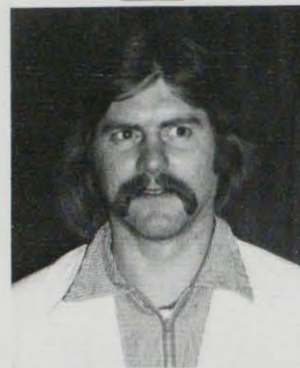
TOP: Garry finds out that all  
biochemistry doesn't occur in a  
test tube.

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

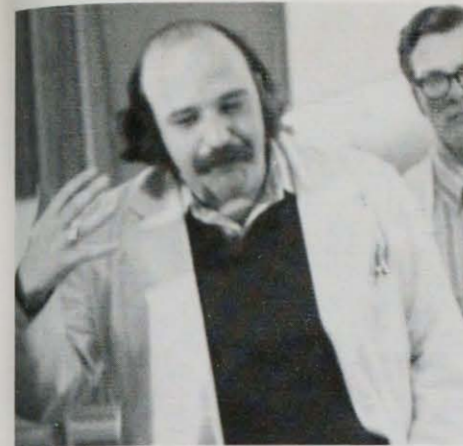
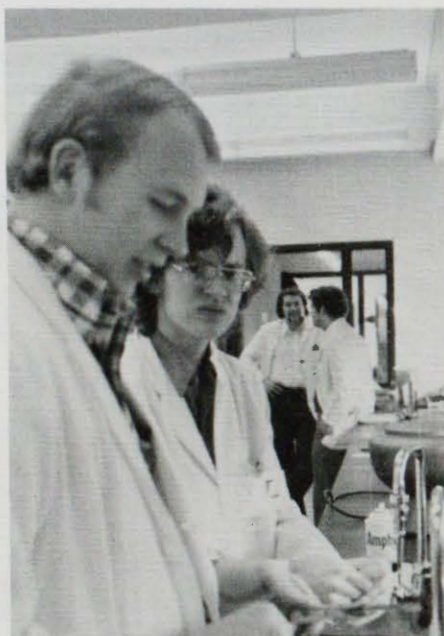
BOTTOM ROW  
(LEFT TO RIGHT)  
Paul C. Diamond  
James DeAngelis  
John Deagle



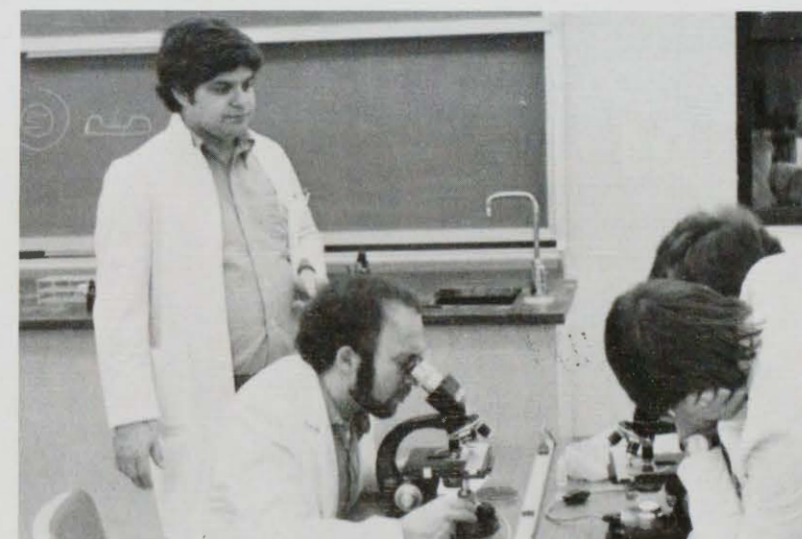
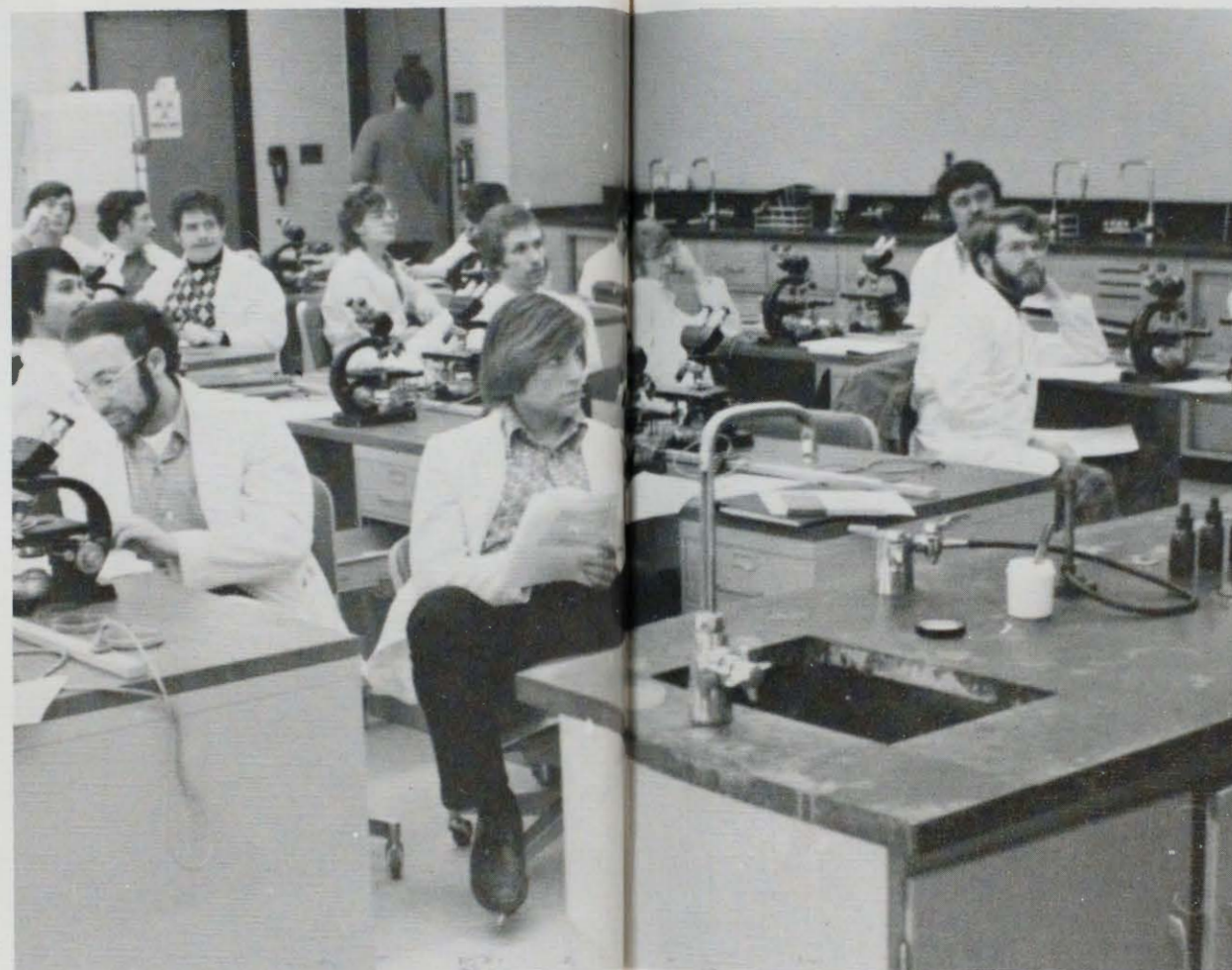


**TOP TO BOTTOM:**  
Howard Doughty  
Daniel Dugan  
James Edinger  
Thomas Edleman

Could Rick be smelling the aerosol that Pat just made?



Ira Epstein  
Roger A. Esper



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

**BOTTOM:**  
The spell-bound microbiology  
class.

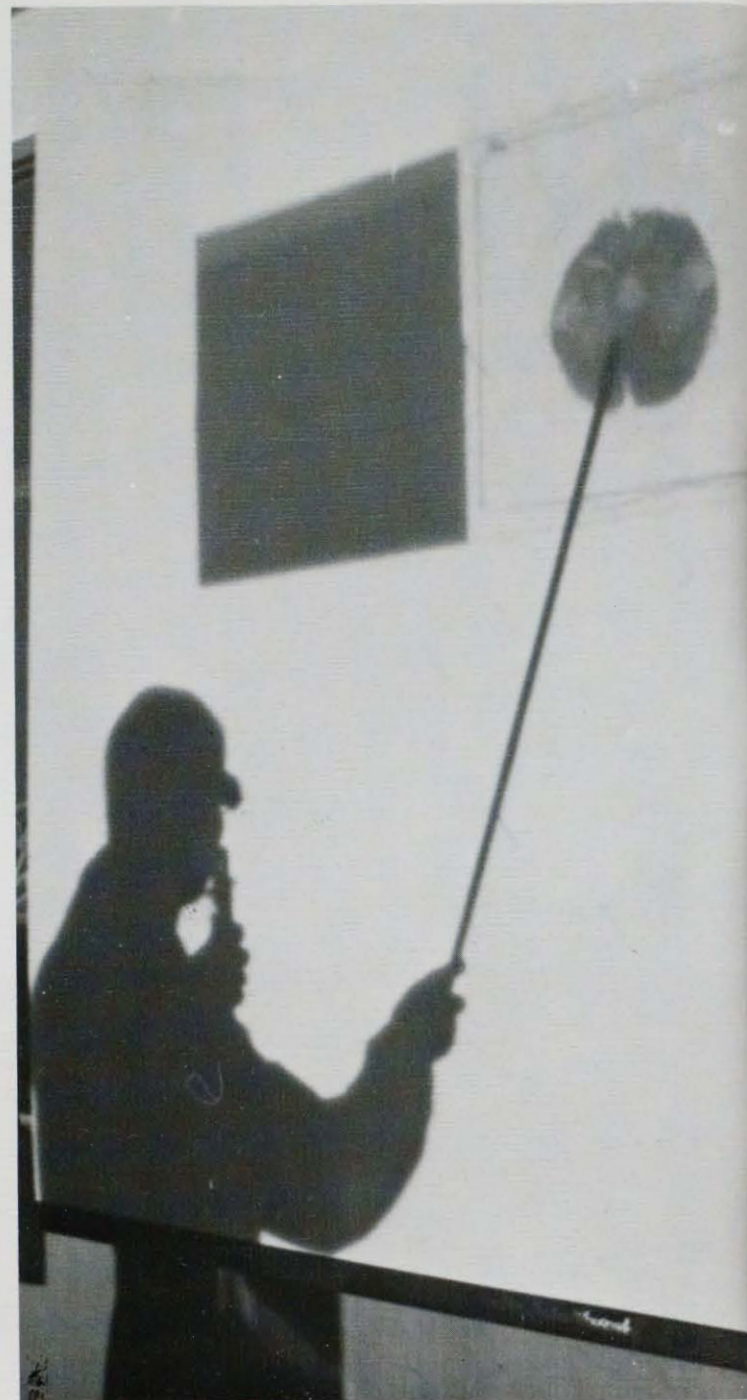
**TOP LEFT:**  
"I have seen Dave Little's pic-  
ture four times on these two  
pages. Could it be that he was  
one of the few that were willing  
to work on the yearbook?"

**ABOVE:** Mrs. Newcomb  
demonstrates sterile transfer  
of bacteria.

**BELOW:** Jan waits for  
someone to ask for help.



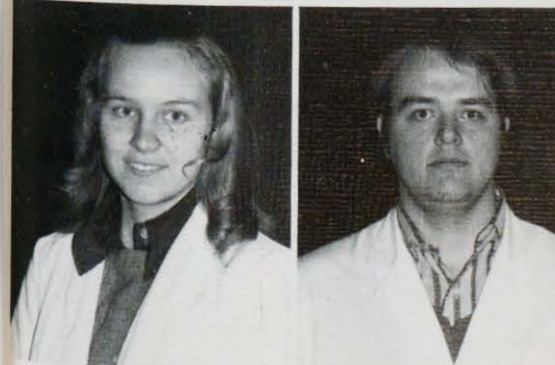
John Fetchero  
Thomas Forte



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!



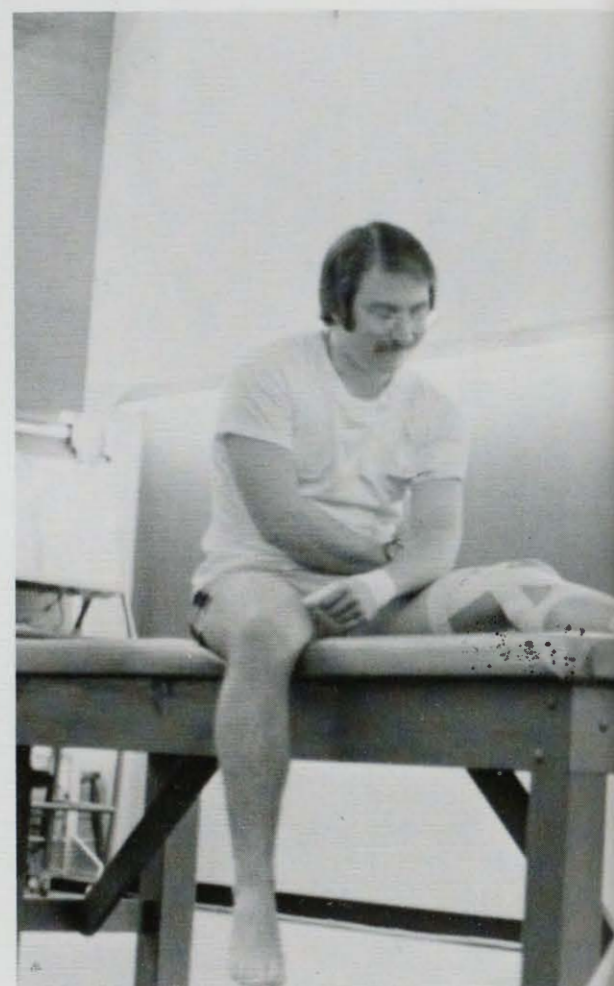
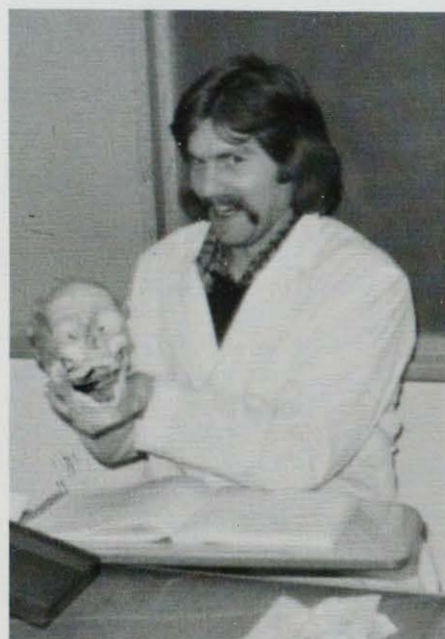
Is that the funeral march I  
hear?





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.



Jan Goldberger  
Neal Golenberg



ABOVE:  
Ron Kohler prepares one of his fascinating lectures.

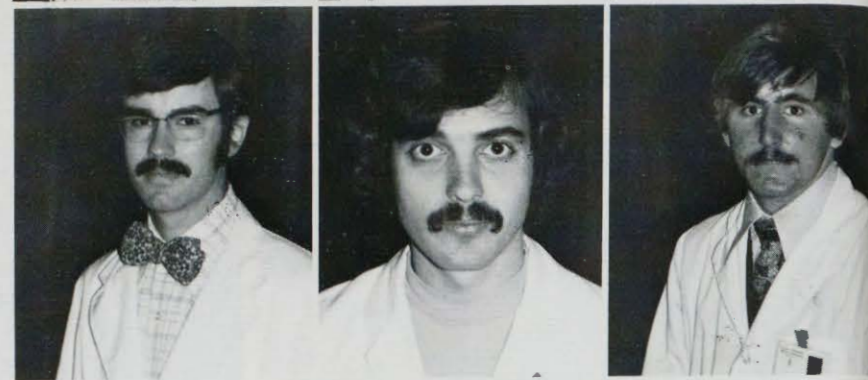
BELOW:  
Pauline - "Queen of the Handouts"



Gary Greensweig  
Jack Gutman  
Jeff E. Hagenstein

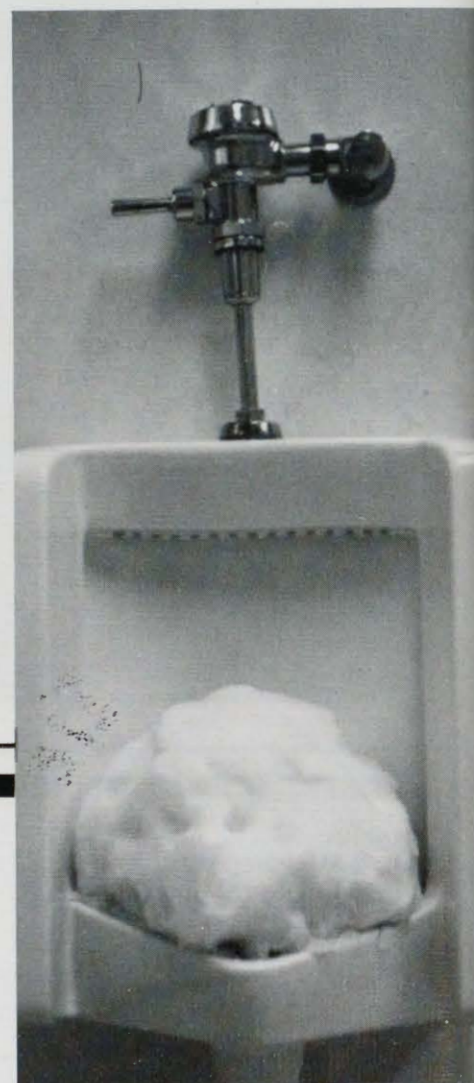


Raymond Hamilton  
Richard Handelsman  
Paul Hankenson



Medical students work hard,  
but they play hard too.

"The Ice Machine"



TOP ROW:  
Nina Hare  
Kambiz Hariri

BOTTOM ROW:  
Roger Harris  
Brent Haskell



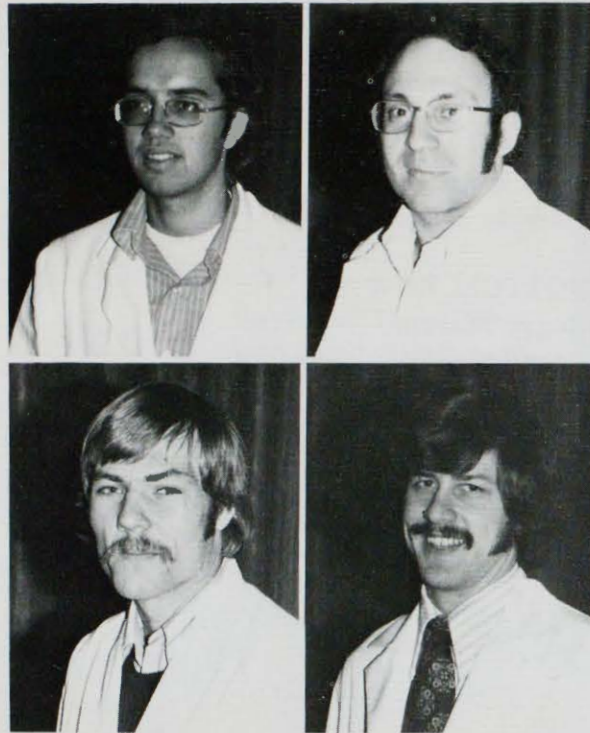
Who's driving home tonight Ron?



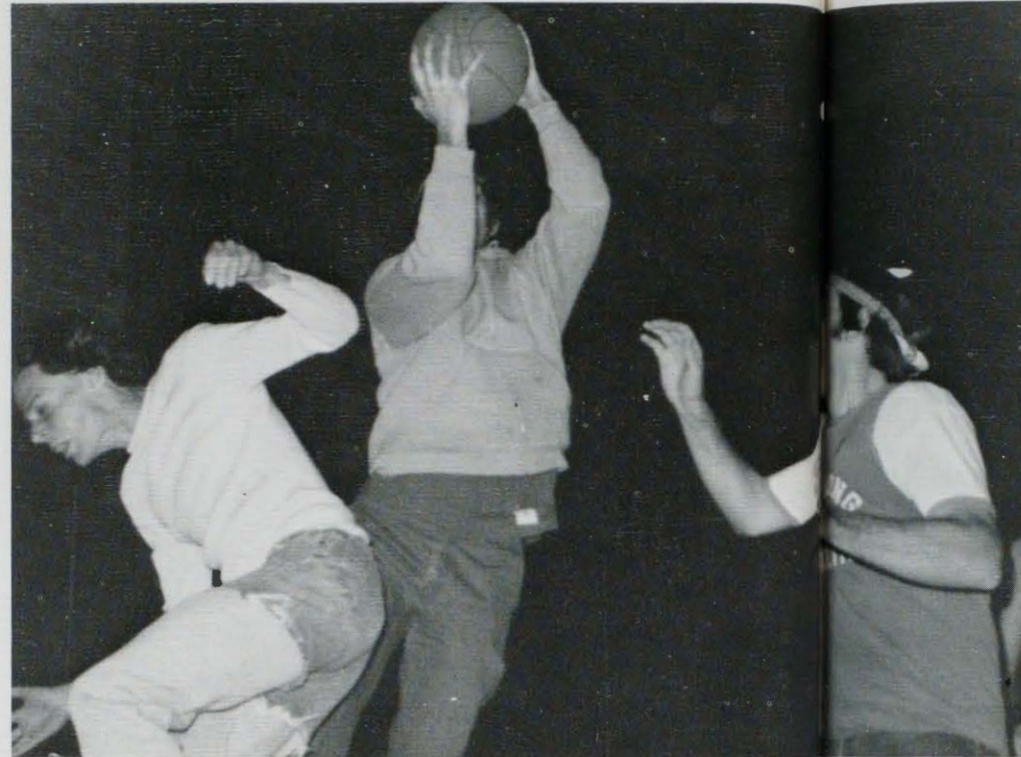
# Intramural Sports

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.



William Jagiello  
Michael Jarvis  
James Joy



BASKETBALL: The Laying-On of Hands.



Karen Kantor  
Pat Karson  
Orin Kaufman



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

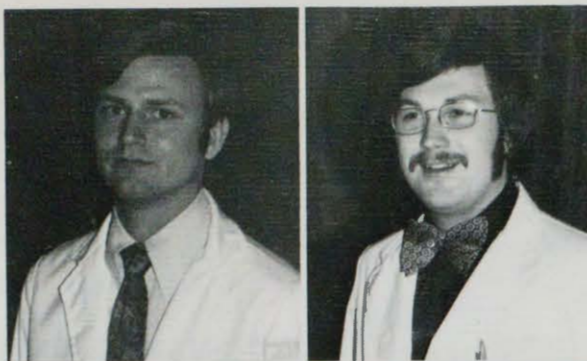


ABOVE: FISHING  
Tom Pelz catches a Deagle-fish.

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



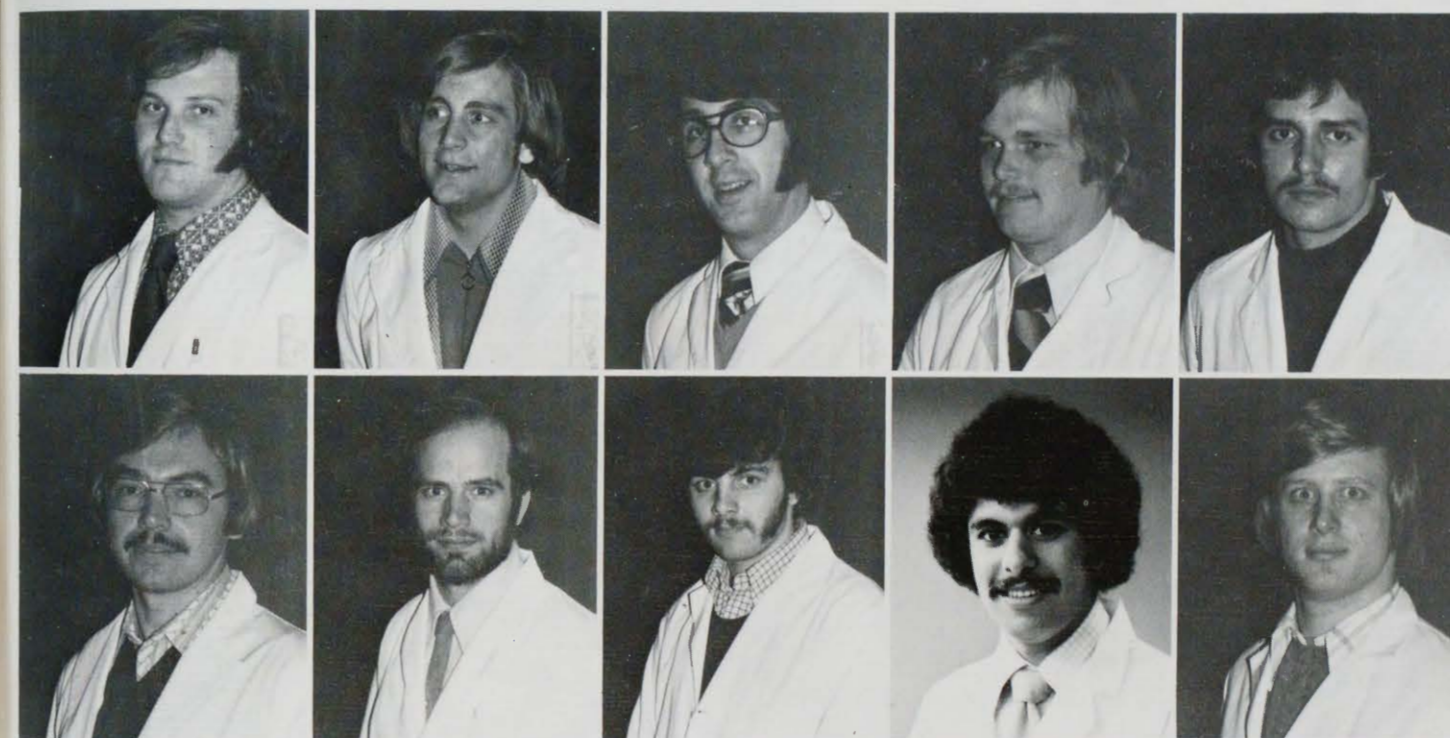




Dr. Stallings discussing plastic surgery with students.



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

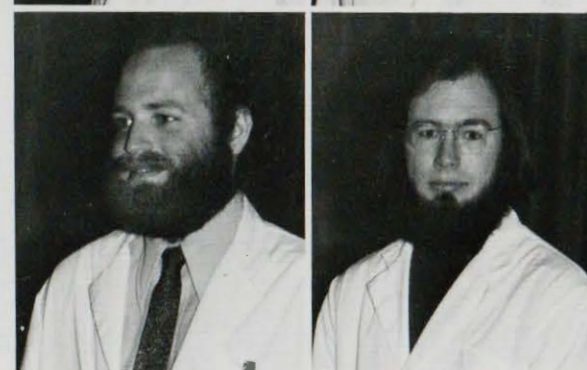
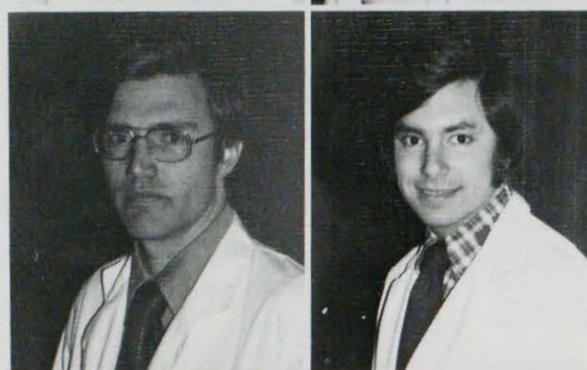
Dave Little  
Maxhn McCaw

Marc Loundy  
James McQueen

Paul MacGregor  
Edward Mishal

Michael Maguire  
Dennis Murphy

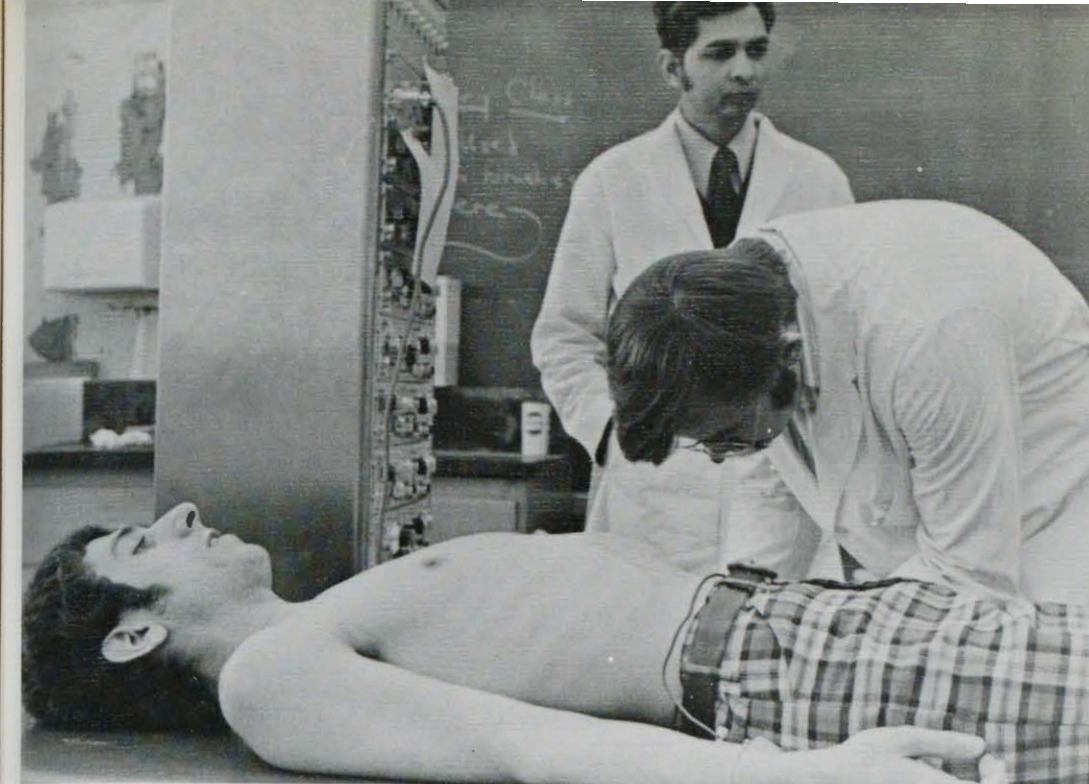




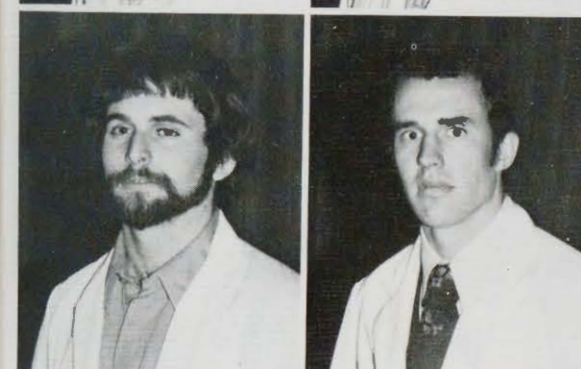
Manny asks, "Any word from the Governor yet?"



Sandford Wolfe et al, recording electrocardiogram.

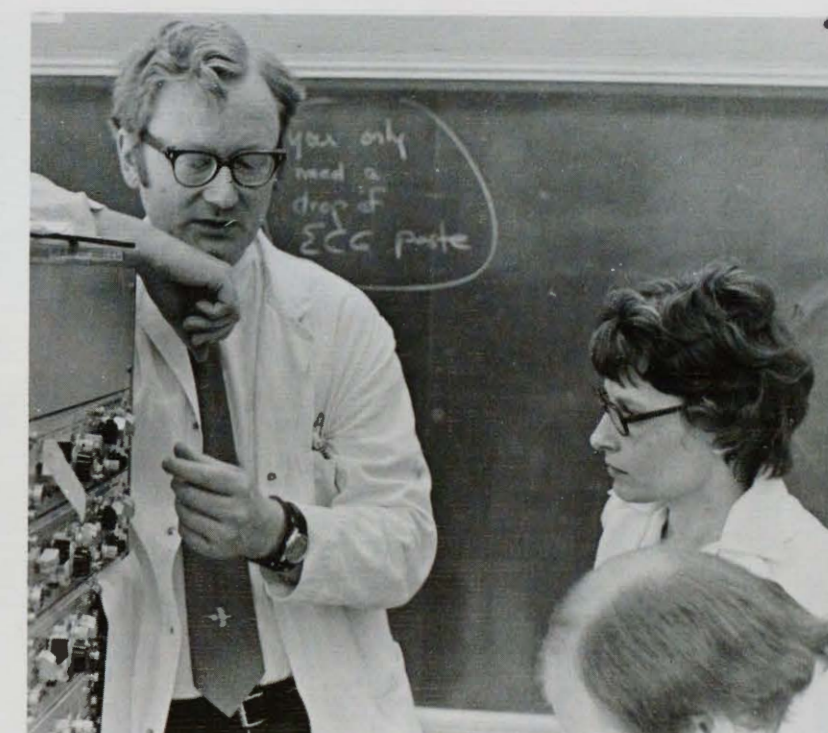


Dr. Kosuri closely supervises Wayne Terry working on Jim Van Dusen.



Keith Pattison  
John Perkner

Thomas Pelz  
Thomas Pettinger



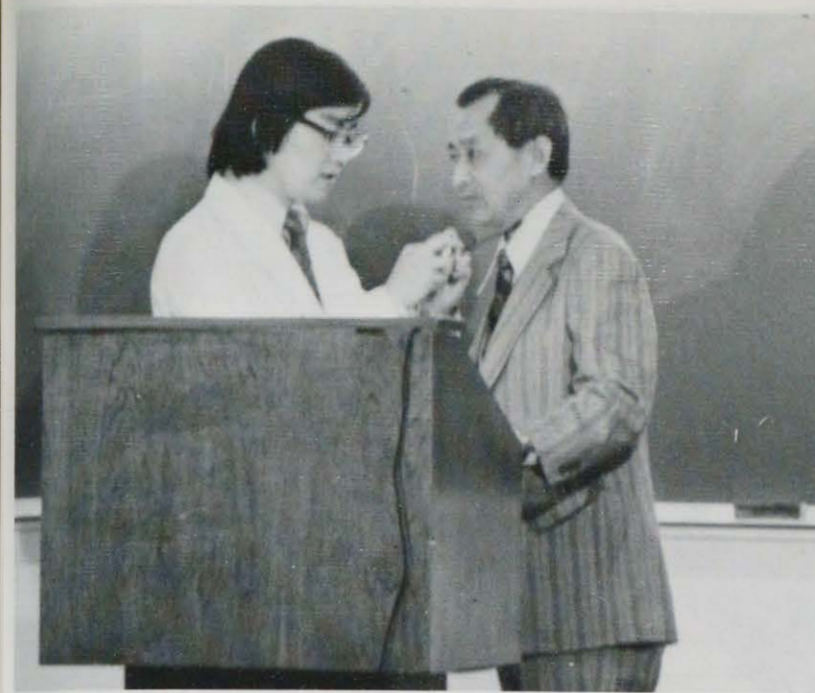
Dr. Cooper explaining ECG to Stephanie Gangsie and Eugene Usberghi.

Melva Newcomb  
Gregory  
Nierengarten  
Marc Nusholtz  
Gary Ostrow

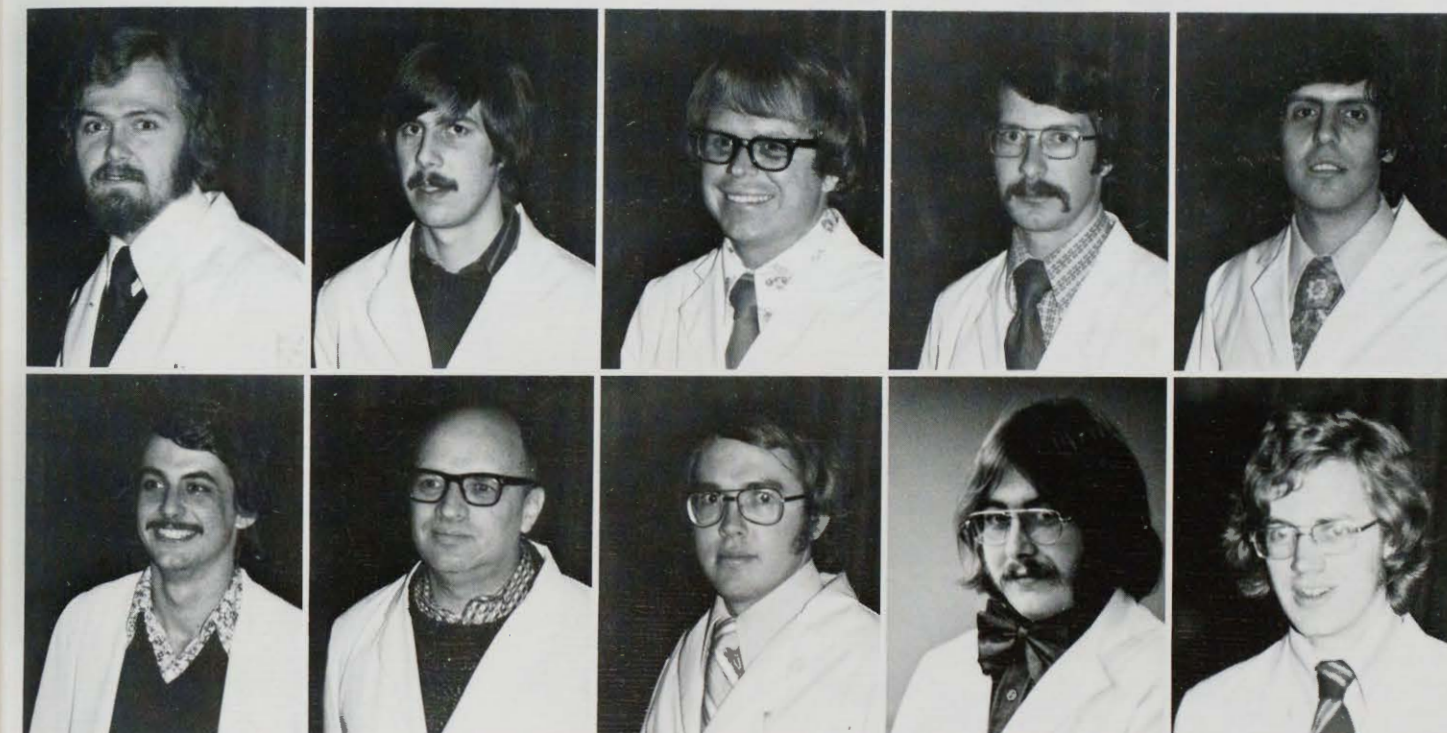
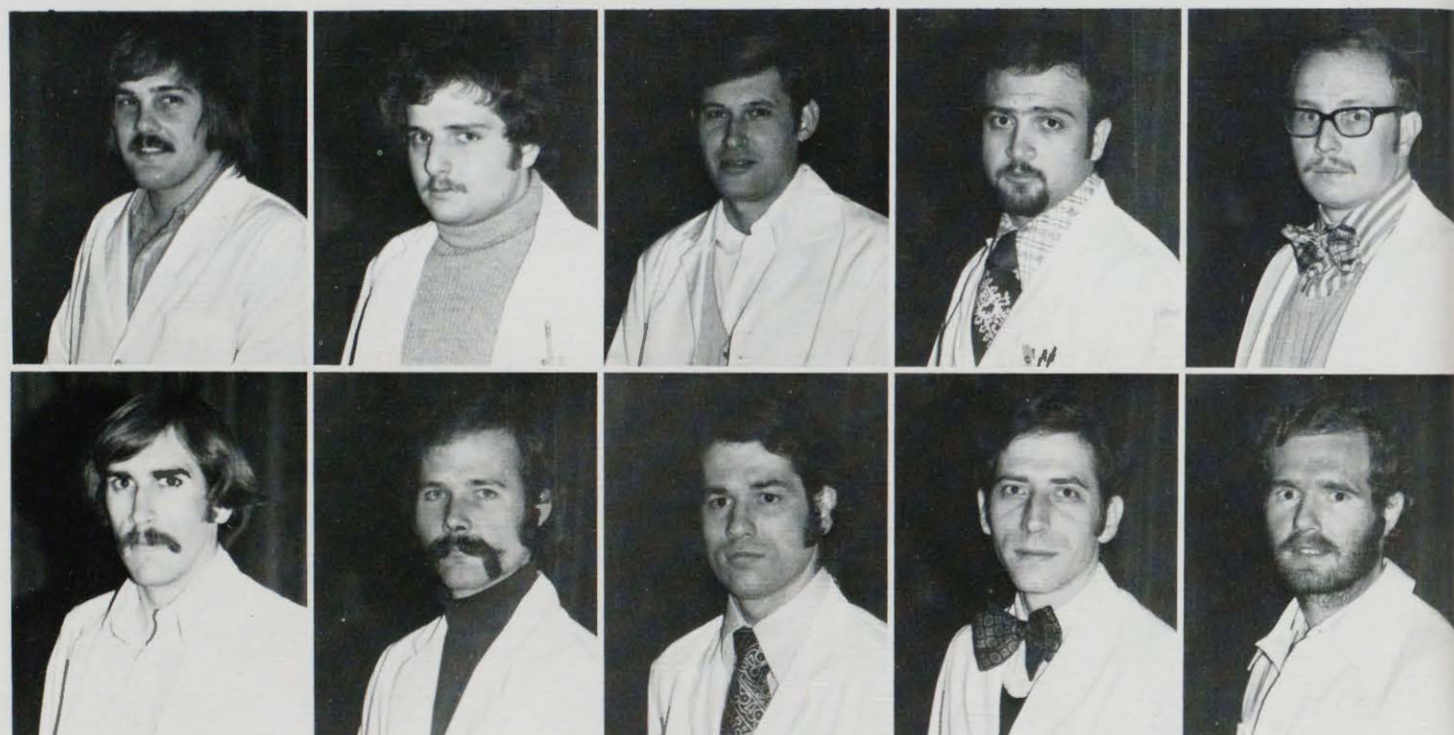
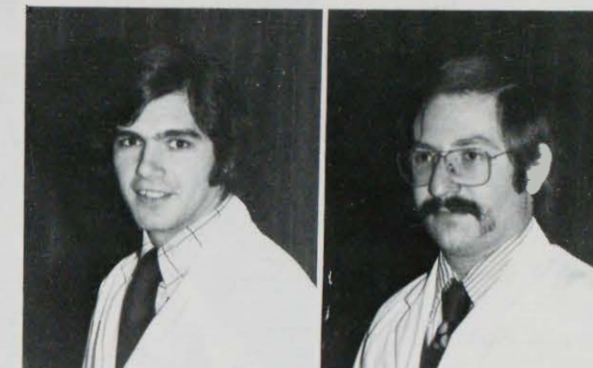
Nicholas J.  
Palermo  
Jay Parker  
Harvey Passman  
Dean G.  
Patterson



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:**

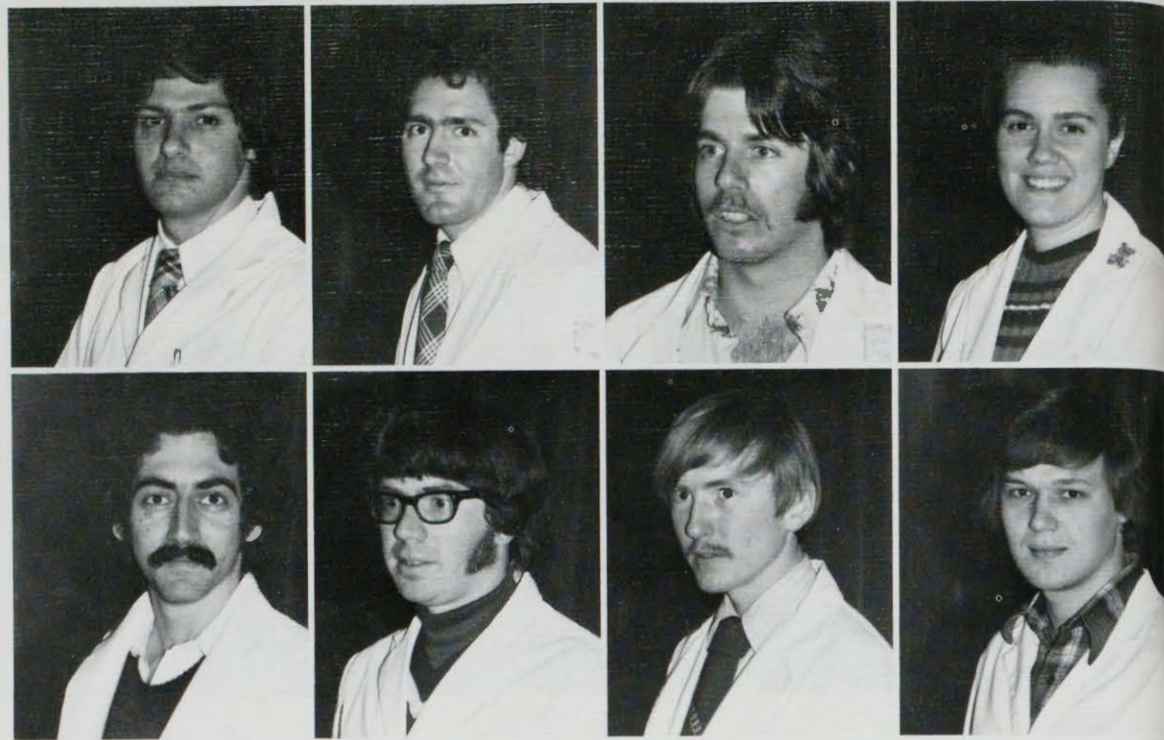
Robert Roth  
Edward Rydell  
Jay Ryno  
Donald Schmit  
Allen Segal

**BOTTOM ROW:**

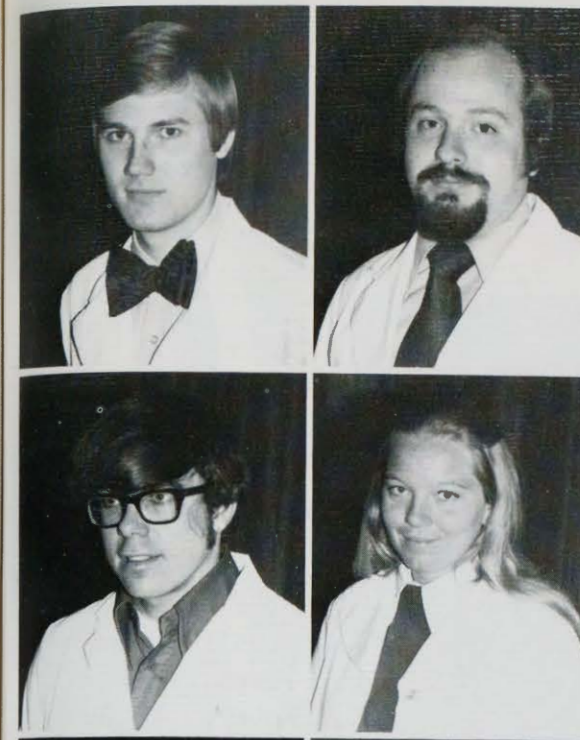
Mark Shaw  
Manuel Shelden  
Dennis C. Shimp  
Mark Smalley  
Richard Smith



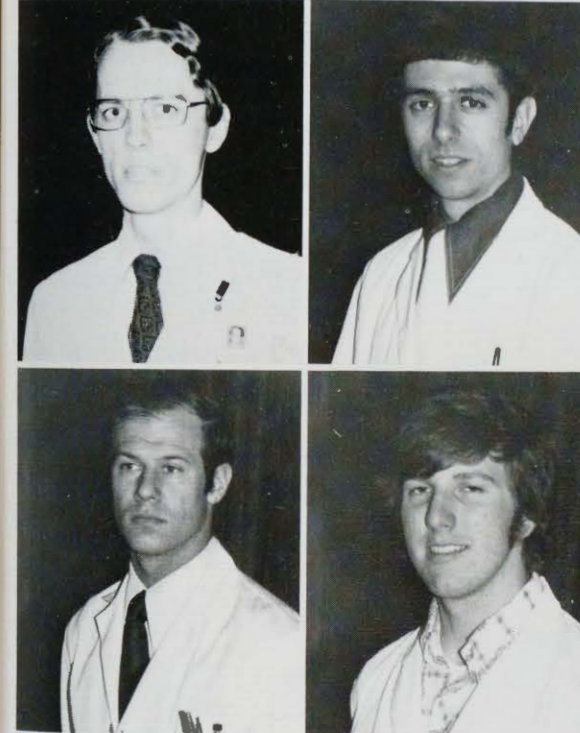
Daniel Smolen  
Stuart Solomon  
Larry Stark  
Lorraine Stehn



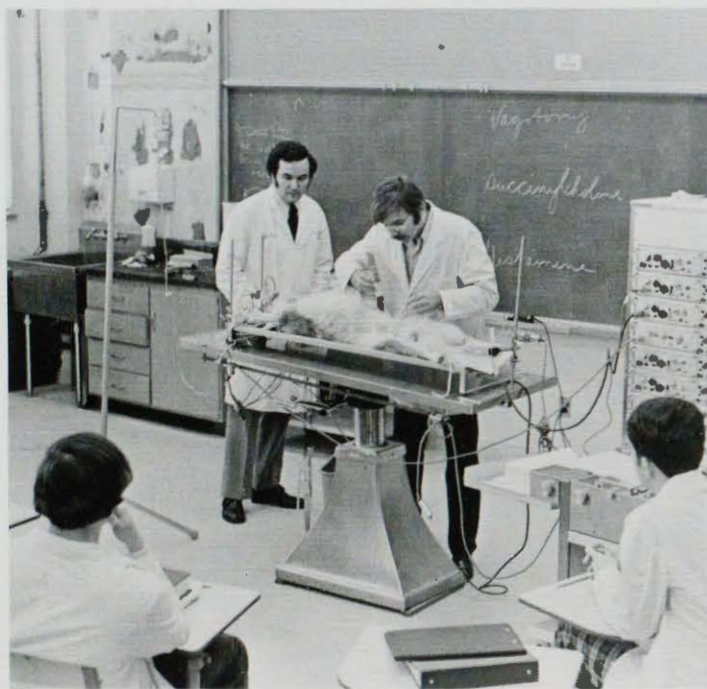
Ralph Stein  
Paul Steinhauer  
Dennis Straubinger  
Gerald Sutton



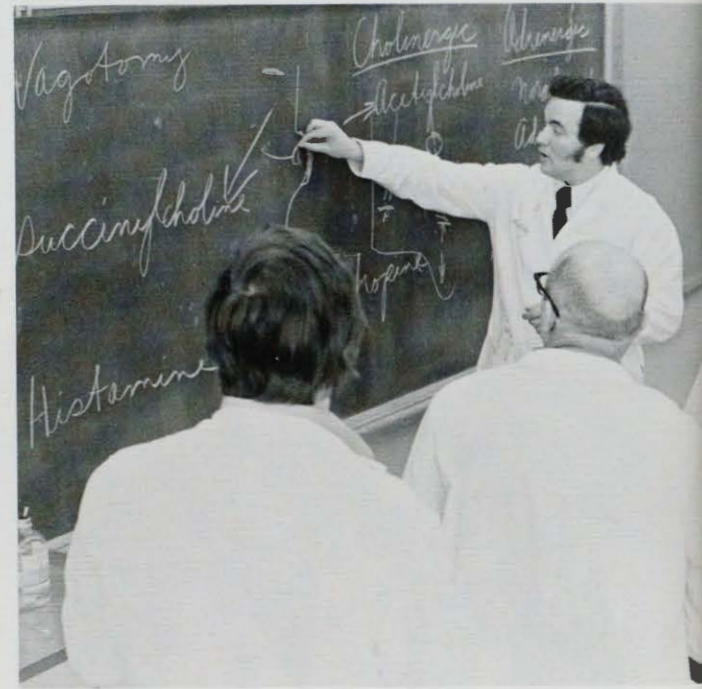
LEFT COLUMN:  
Buddy Swift  
Robert Taylor  
Gary Teigland  
Michael Tobin



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.

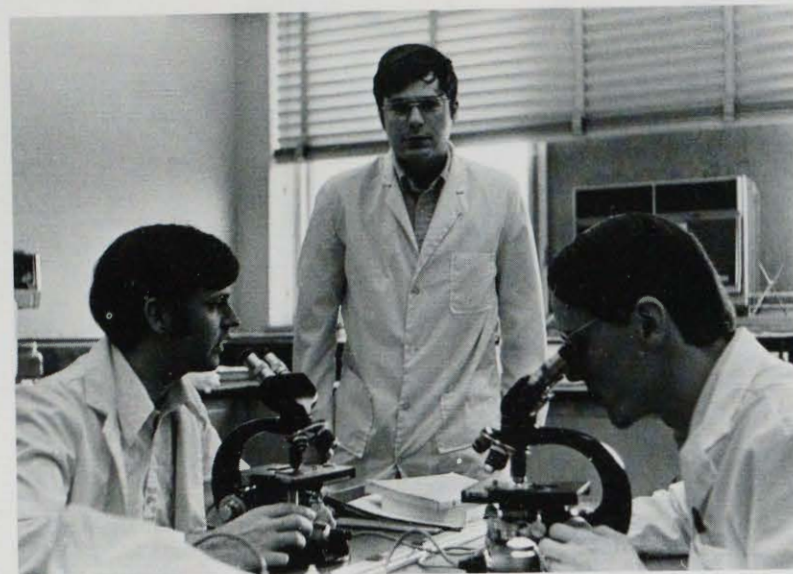
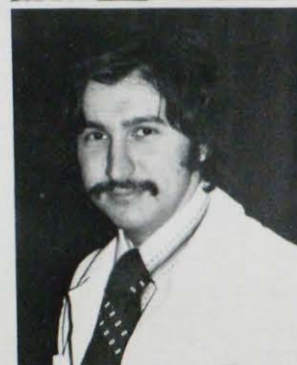


Students are asked to explain what effects should be expected from the drug Dr. Currie is about to inject.





Edward Weitzman  
Lawrence W. Wickler  
Sandford Wolfe  
John Wood



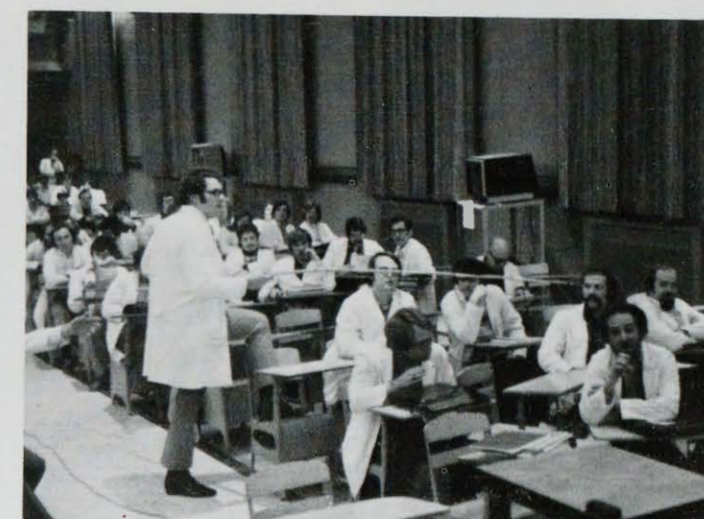
David Yakacki

#### STUDENTS NOT PICTURED:

Stephen Atkinson  
Ronald Bergman  
Thomas Cavaliere  
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  
Schaumburg  
Robert Taxin

## Class Meeting



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

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.





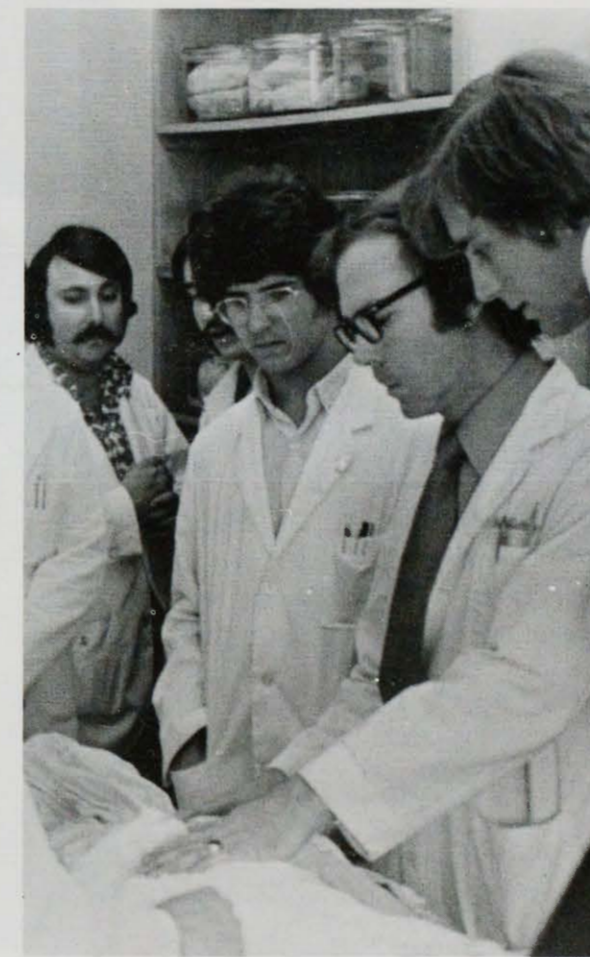
## Anatomy

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



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

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



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

and Dr. Slaterry as well as some fellow classmates lectured and offered assistance to those of us who asked.

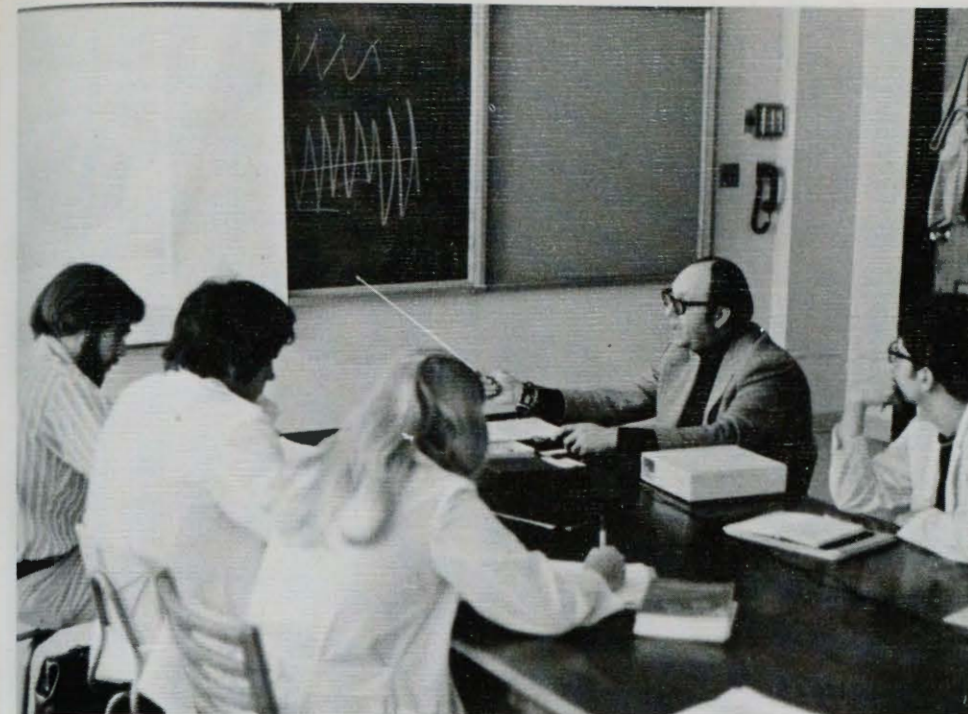


During the freshman year at COMS, students receive a survey course in physical diagnosis taught by Dr. Rosen.

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.



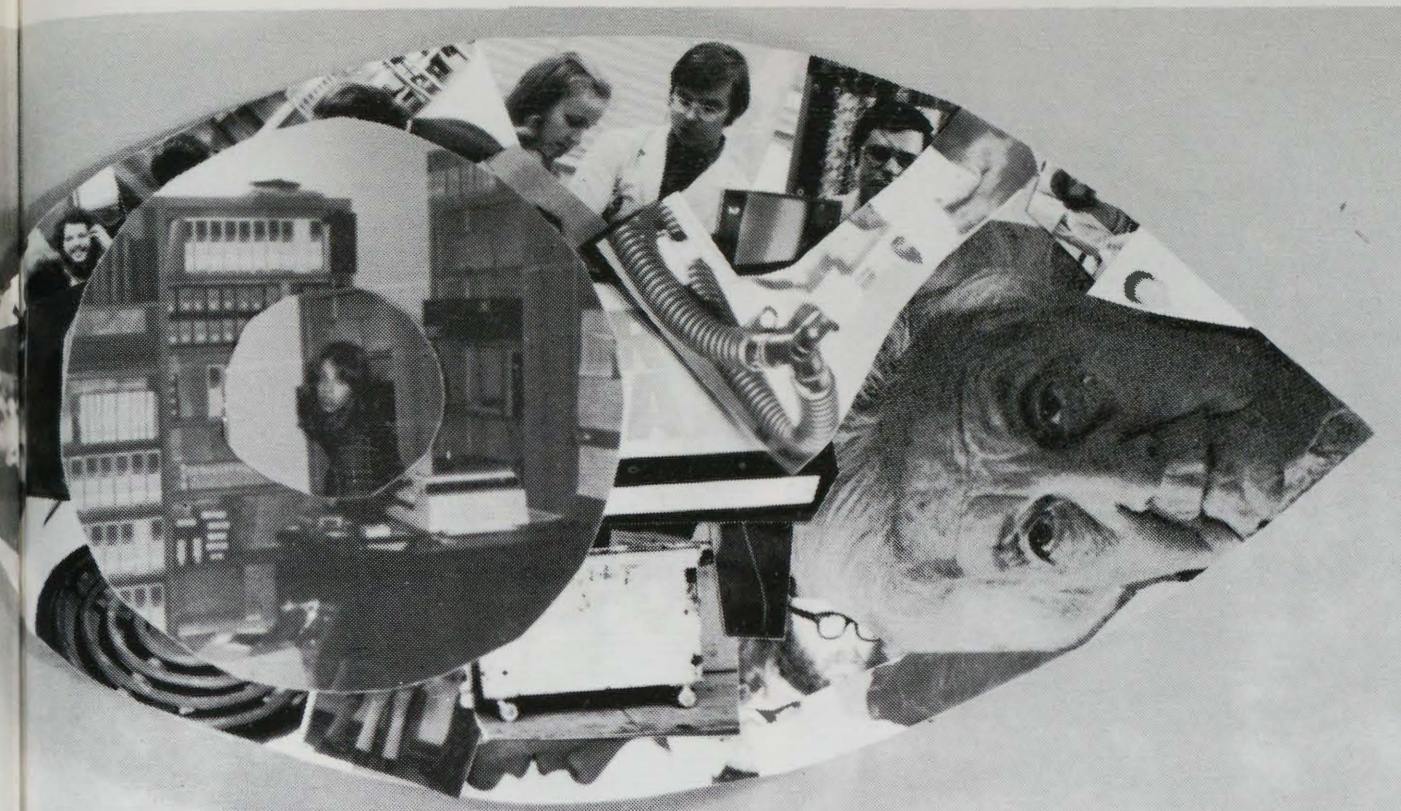
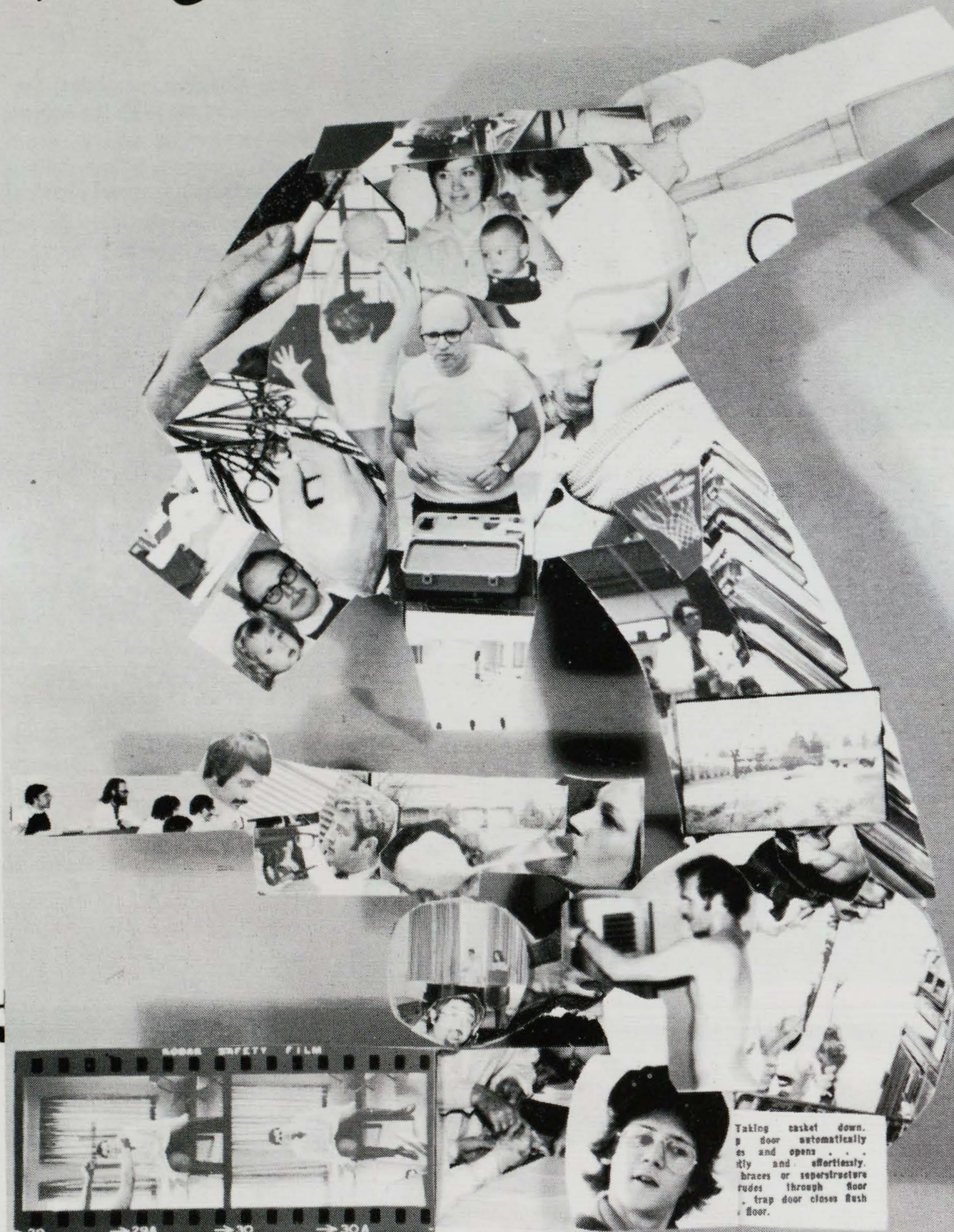
Using Kodachrome slides, Dr. Rosen went through the human body, system by system, explaining how to differentiate normal from abnormal physical findings.



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



# Pre-Clinical



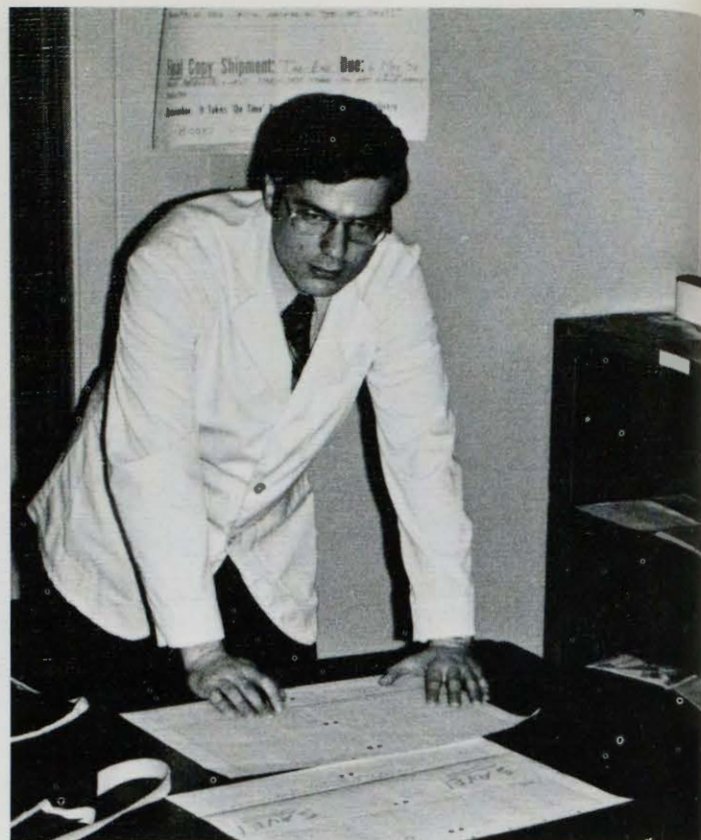
# Clinical



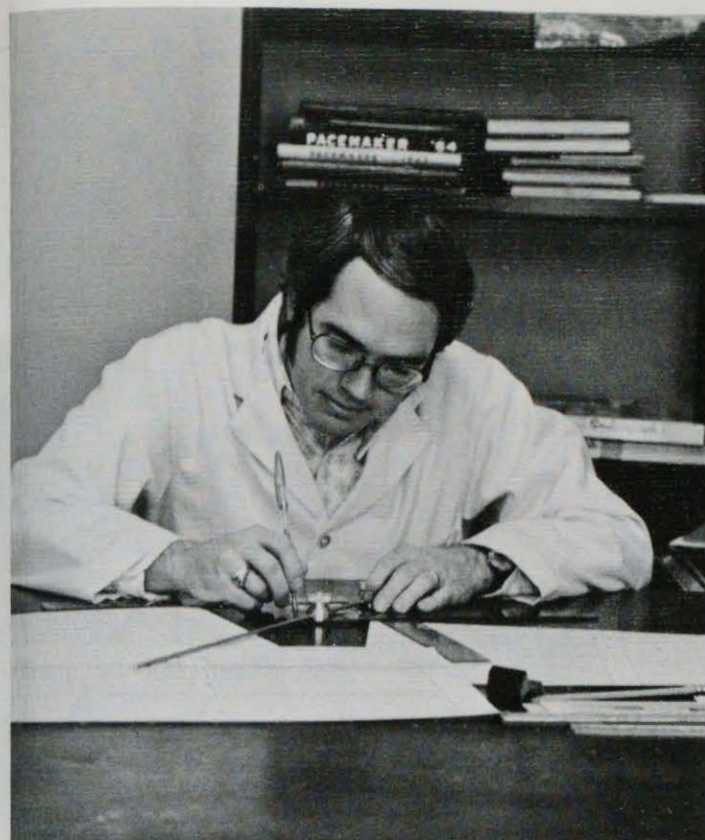




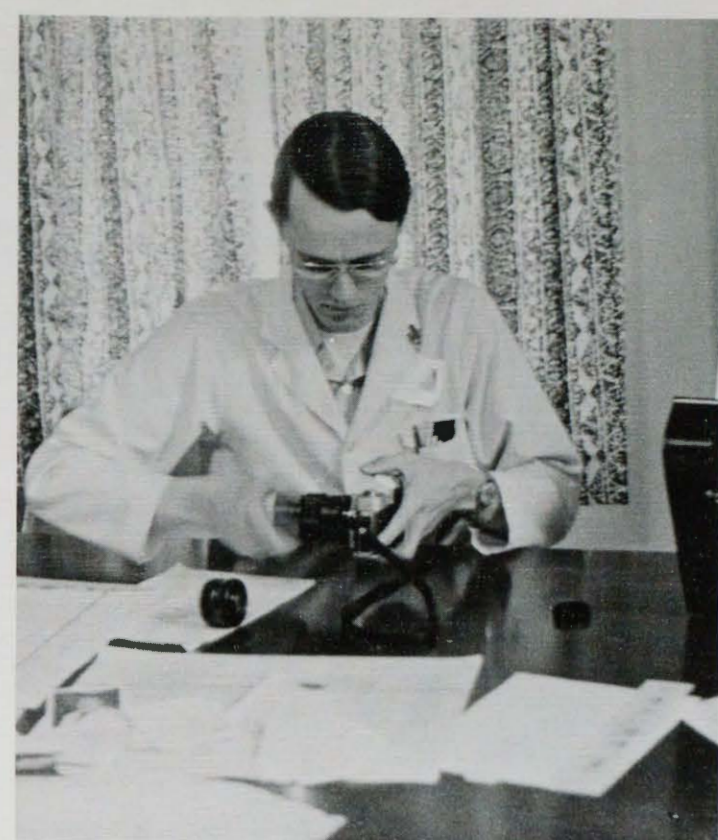
*Roger Harris*



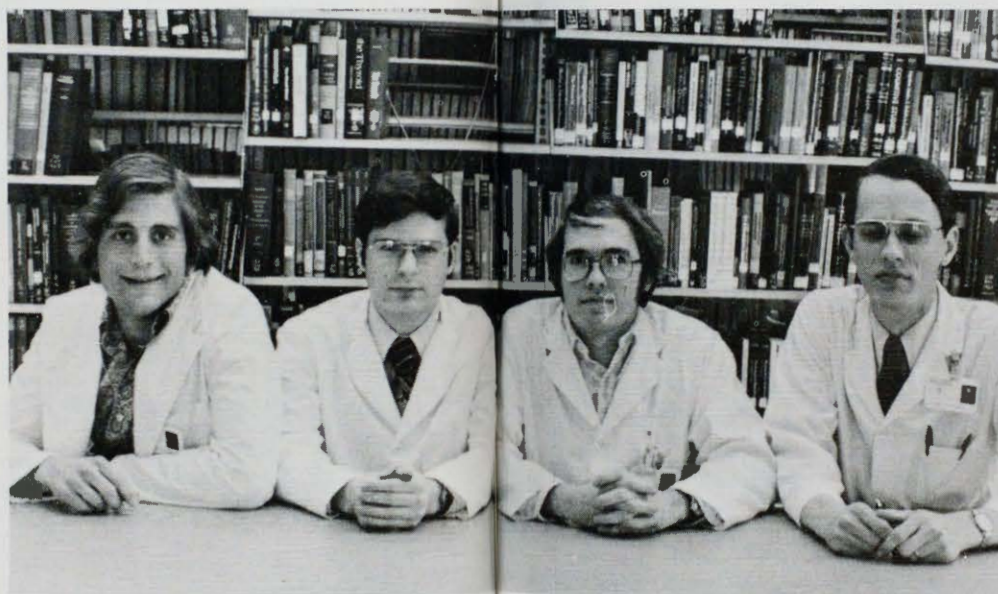
*Dave Little*



*Dennis Shimp*



*Garry Teigland*



**Freshman Year**

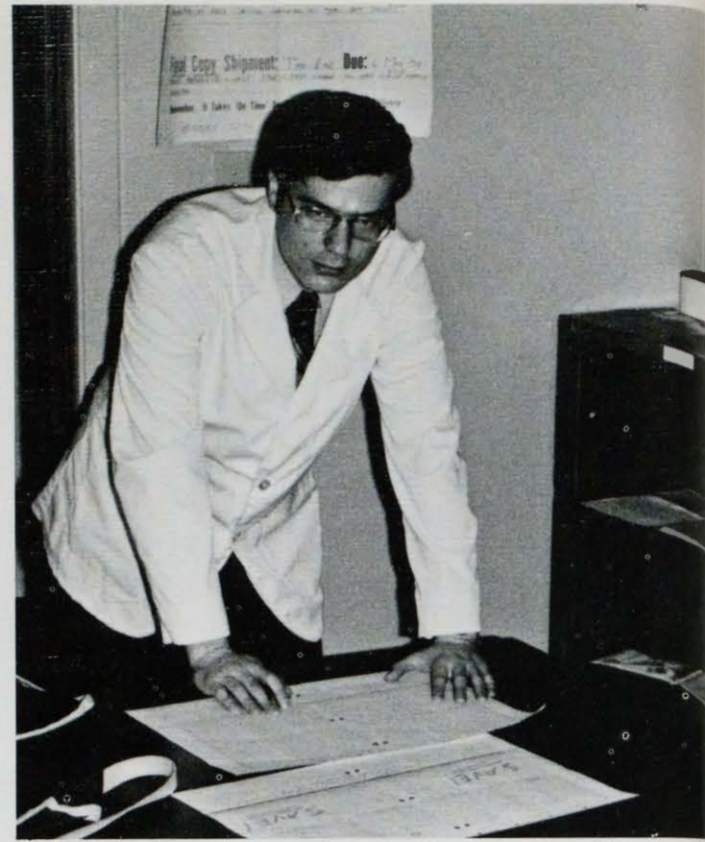
**BOOK *Staph***



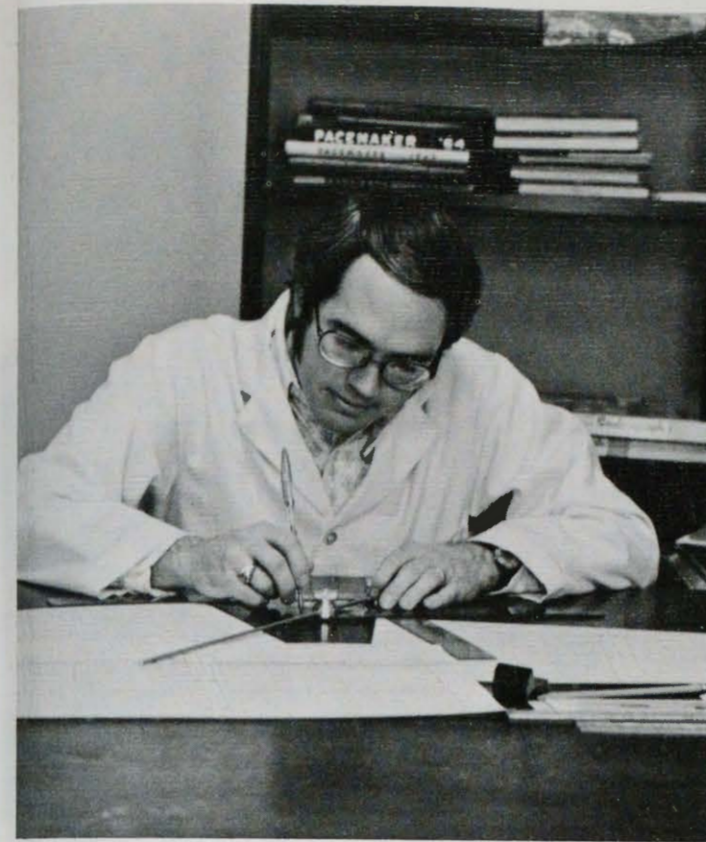




*Dave Little*



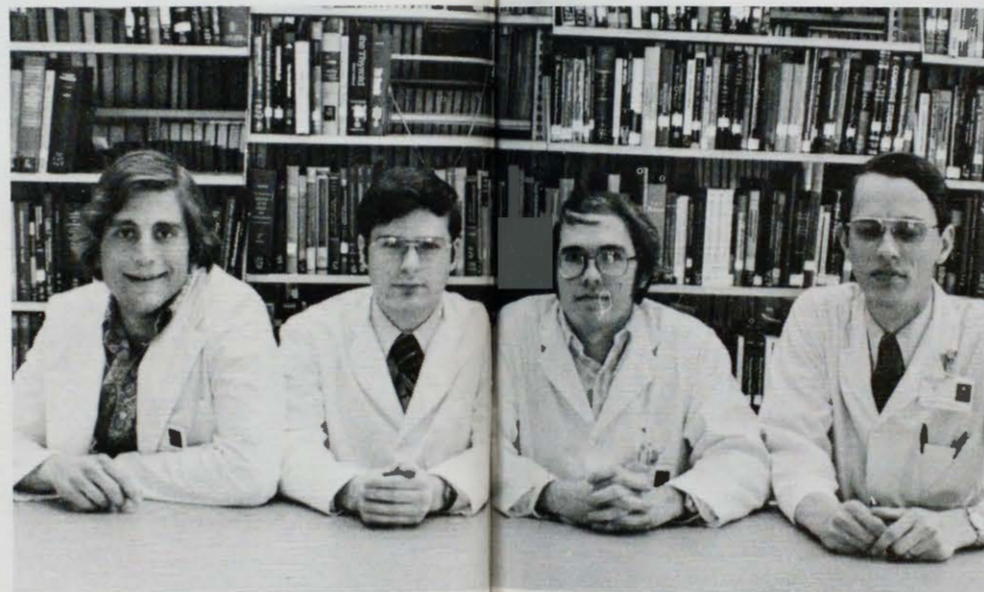
*Roger Harris*



*Dennis Shimp*



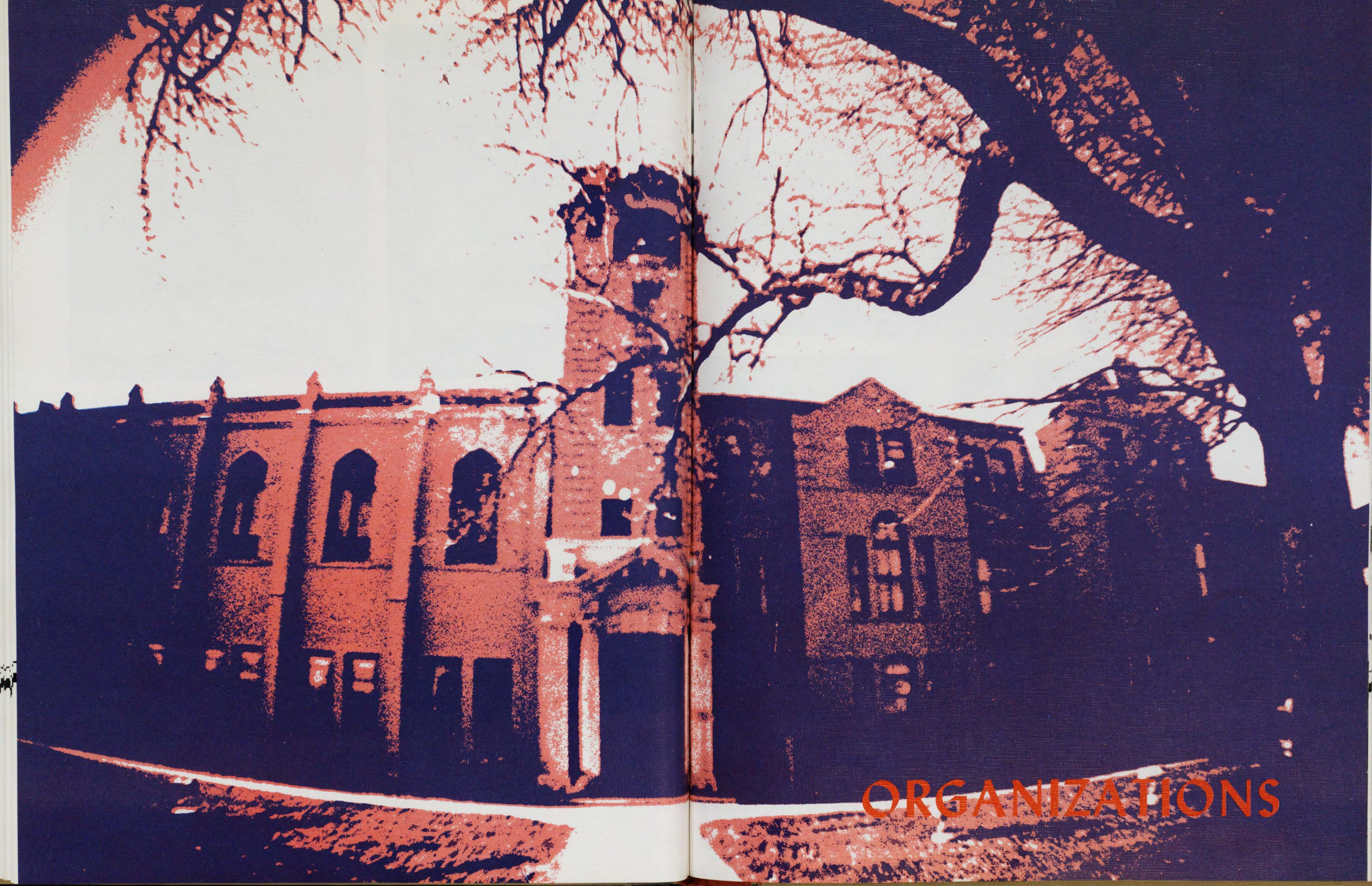
*Garry Teigland*



# Freshman Year BOOK *Staph*

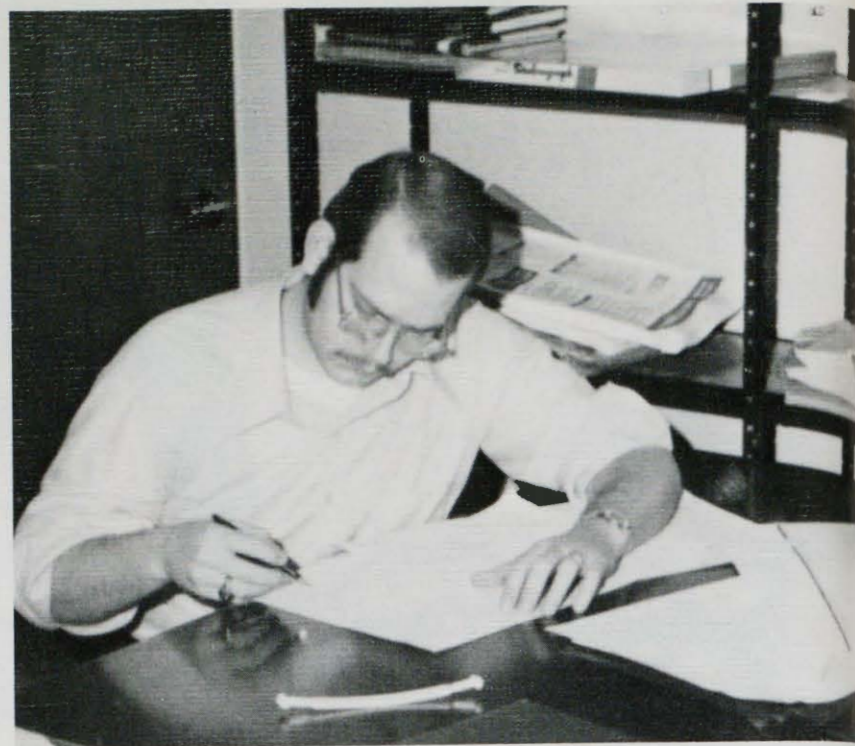
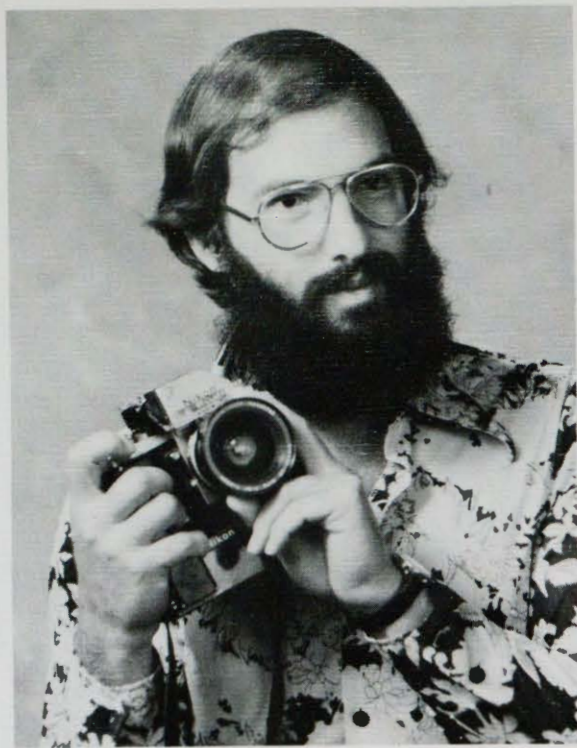






ORGANIZATIONS



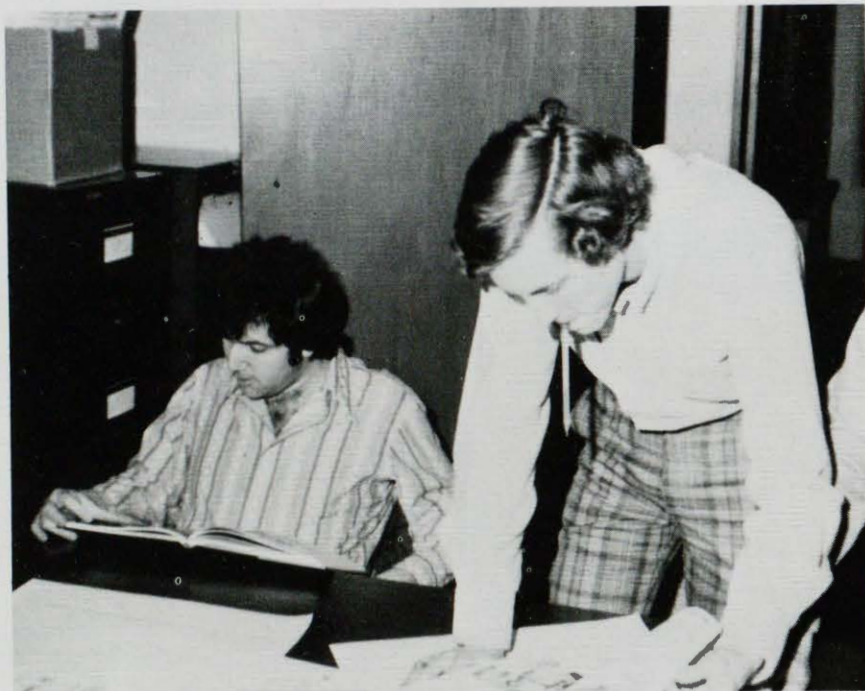


ABOVE LEFT: First year Pacemaker staff; Dave Little, Roger Harris, Dennis Shimp, and Gary Tieglund.

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

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

BELOW 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

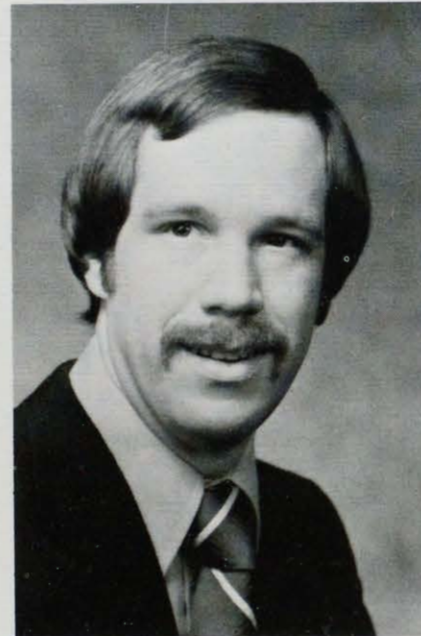
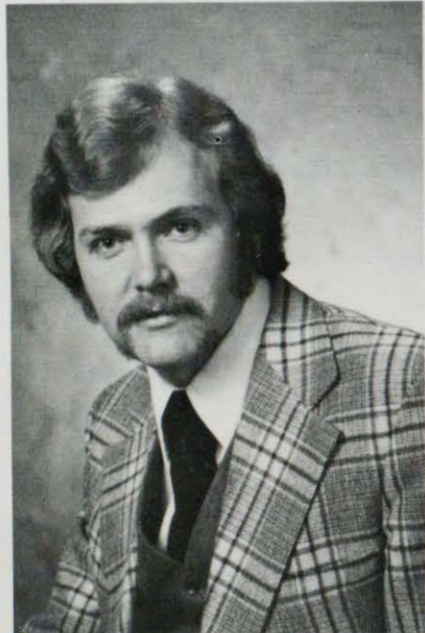
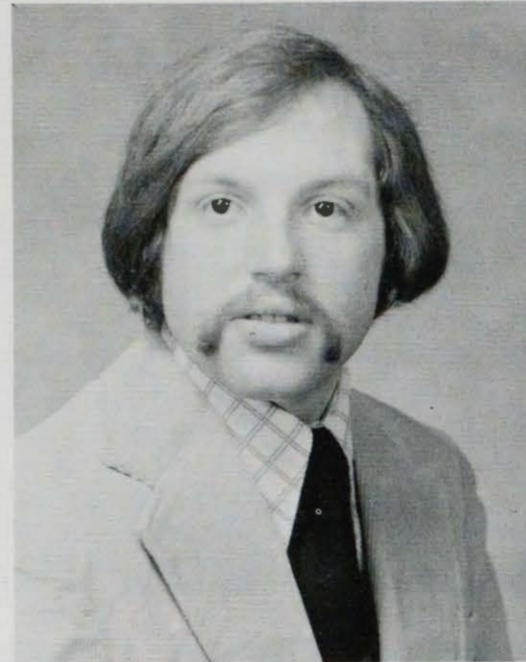
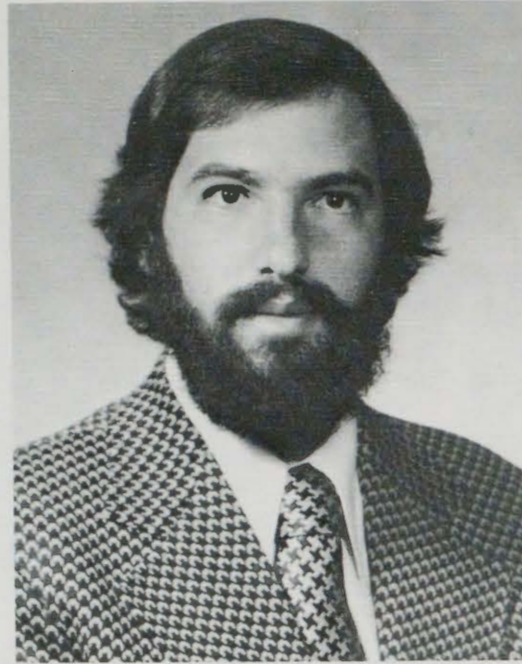
ABOVE RIGHT: John Wulff

BELOW LEFT: Jim Kantor and Tom McNight

BELOW RIGHT: Pacemaker workroom in use



# Student Council



**Dave Brauner**

Student Council President

**Don Peska**

Student Council Vice-President

**Bob Roth**

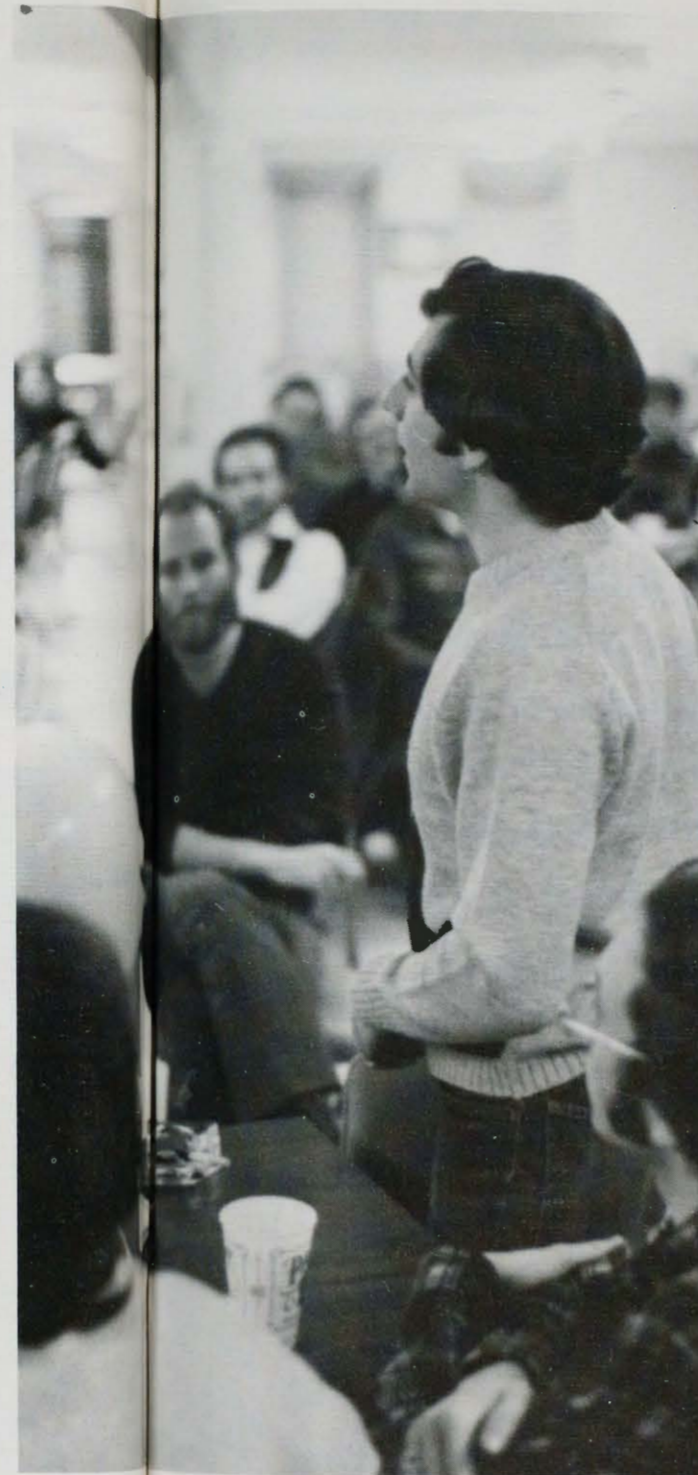
Student Council Secretary

**Elliot Neufeld**

Student Council Treasurer

**Ed Ebert**

Student Council Treasurer



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.



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-

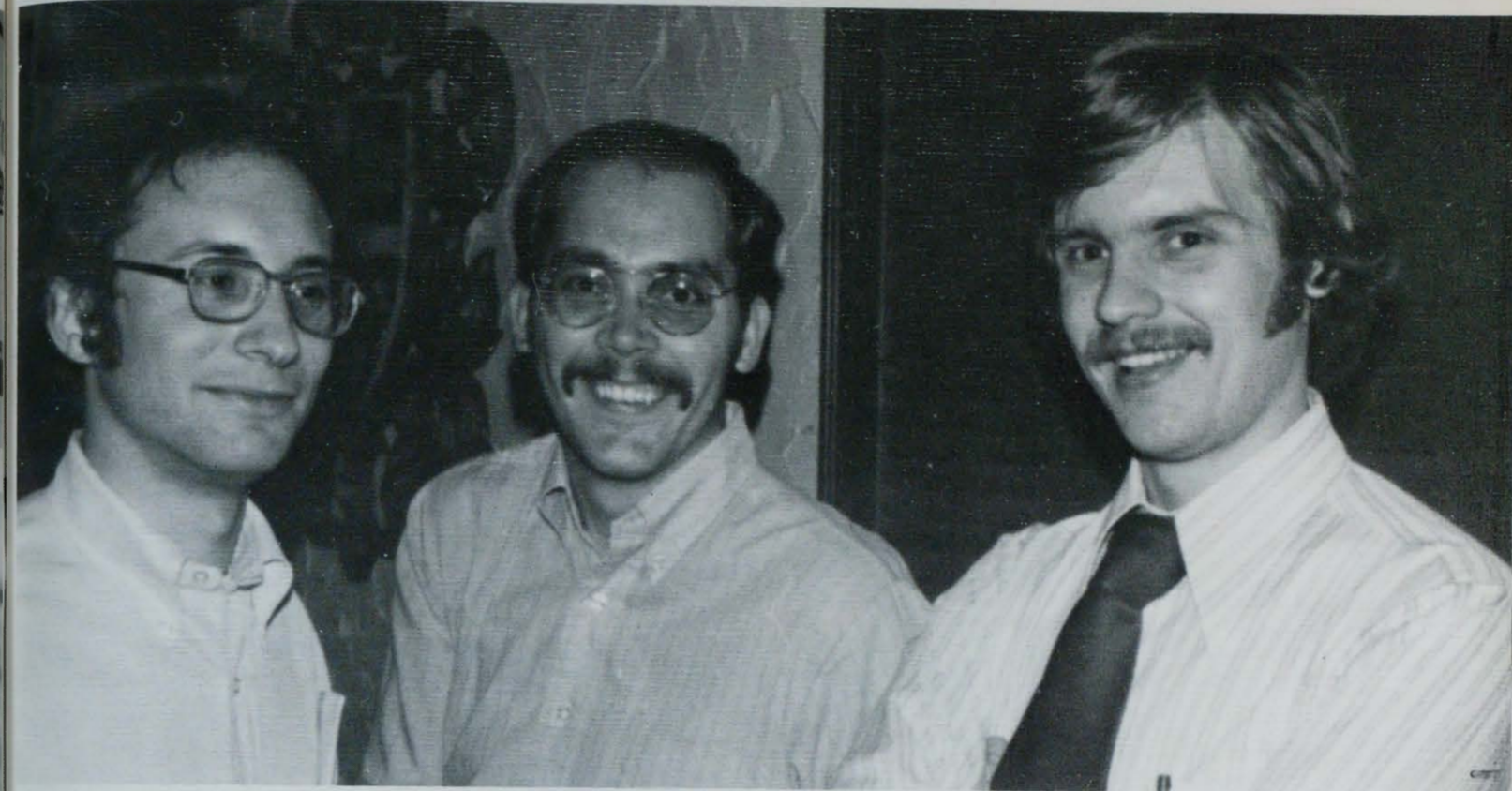
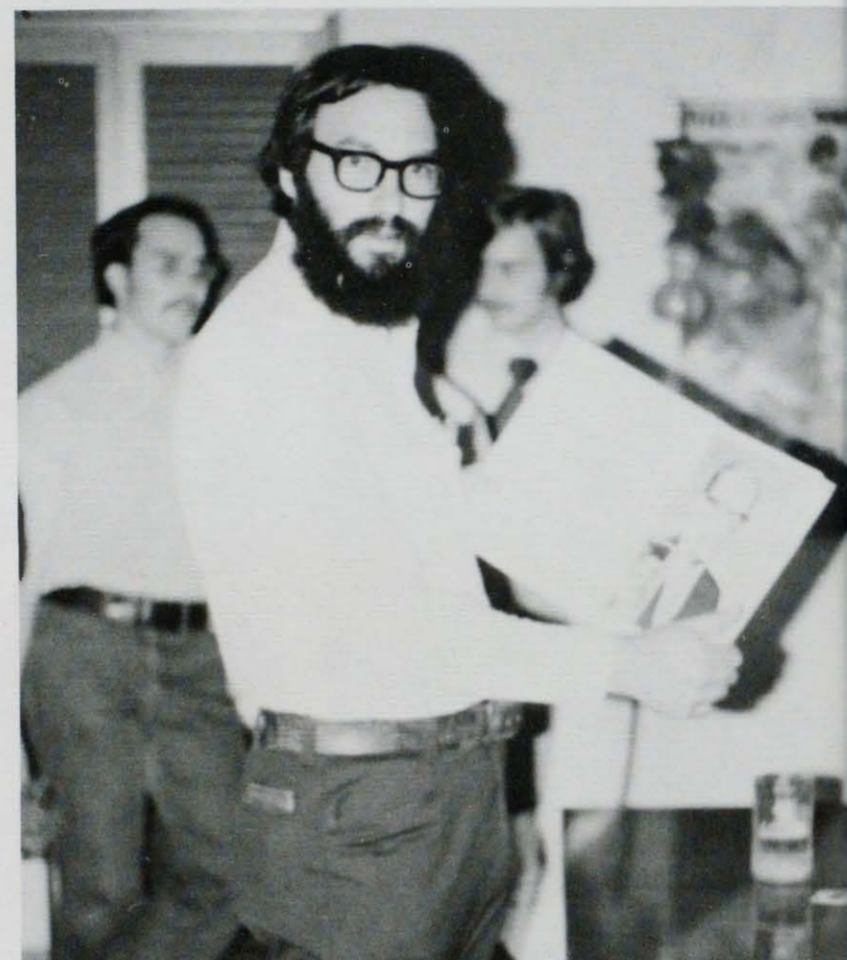
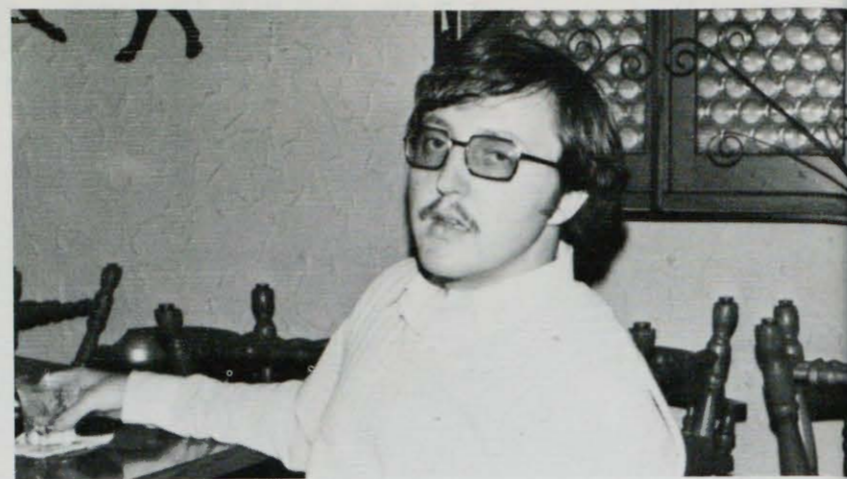
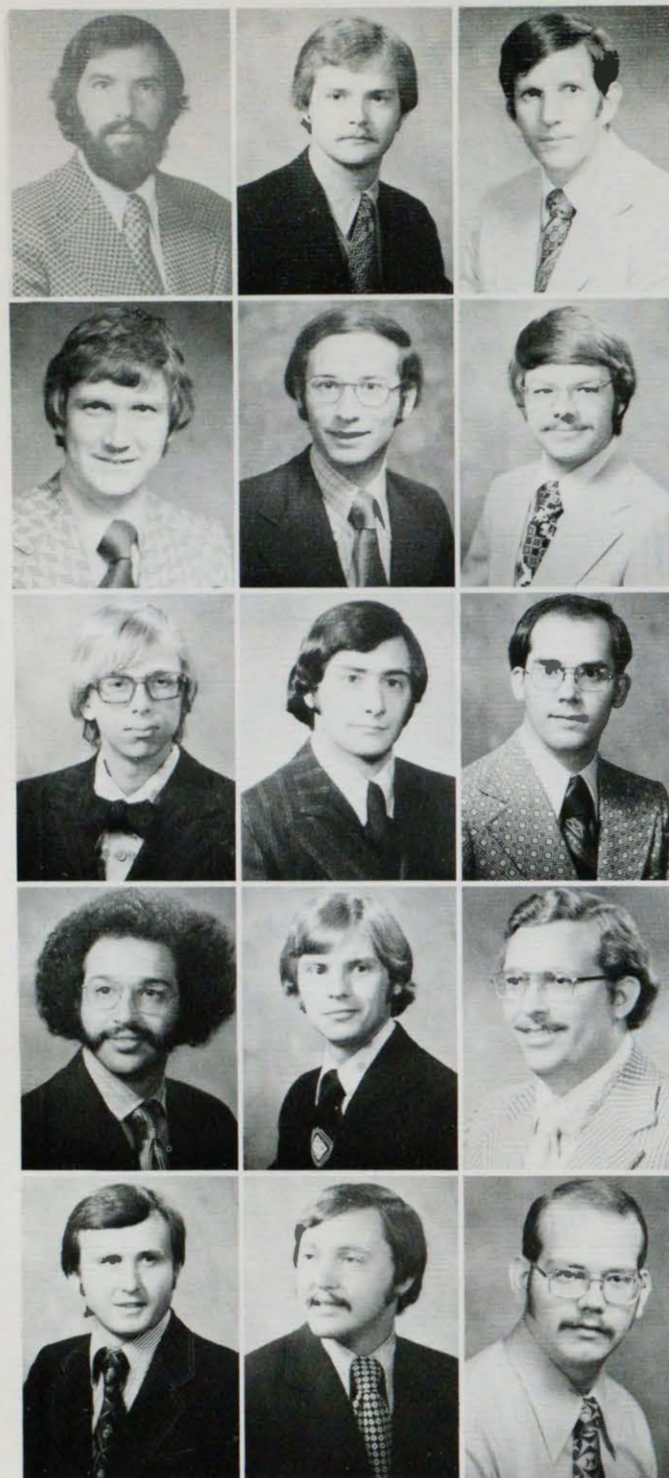
tion on various faculty committees.

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.





## Sigma Sigma Phi

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.

Clayton Shaw, D.O.  
Mark Taylor, D.O.  
Scott Tilleson, D.O.  
David Webster, D.O.  
Jon Wulff, D.O.  
Stephen Elliott, D.O.  
Not Pictured

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.

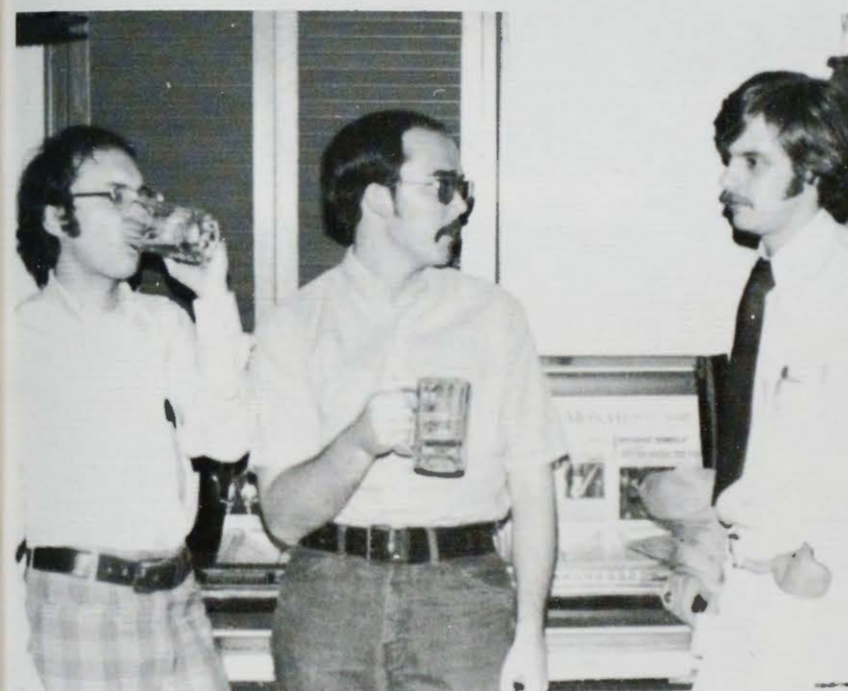
Members include second and third year students who have

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.

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 obectives 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.





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.

## Declaration of a Student's Wife

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;

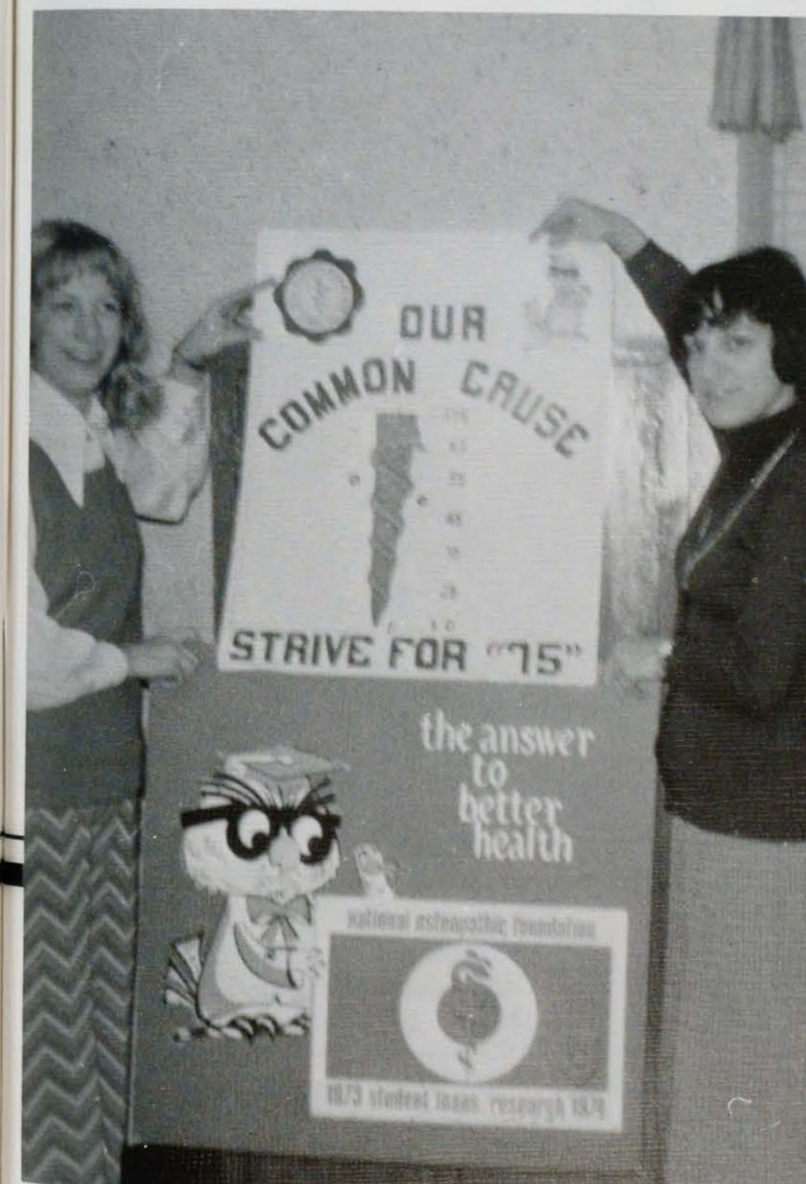
I will share social, cultural and world items of interest with my husband which study time will prevent him from learning himself;

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

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



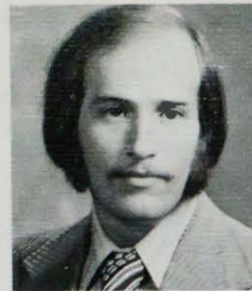
Senior wives: FRONT ROW: Kathy Poschner, Norma Clark, Jan Shaw, Sue Vidd, Sandi Moon, BACK ROW: Ruthanne Webster, Jane Pressman, Marilyn Boyd, Cyndy Wulff, Marsha Drake, Cheryl Reinertson. LEFT: Some of the wives picking up children after one of the meetings.



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



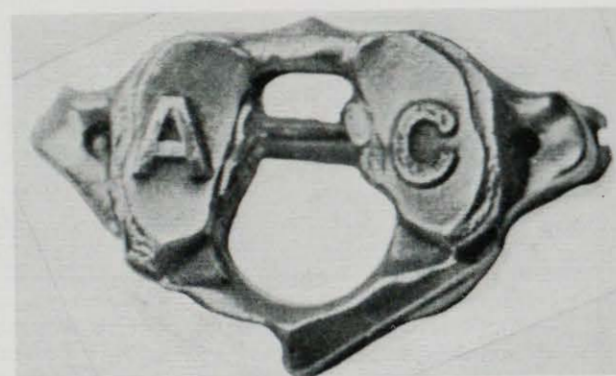
Roger Secklecki

Ken Suska

Mike Vandewalle



# Atlas Club Class Of 1974



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. Celandar, 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



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.

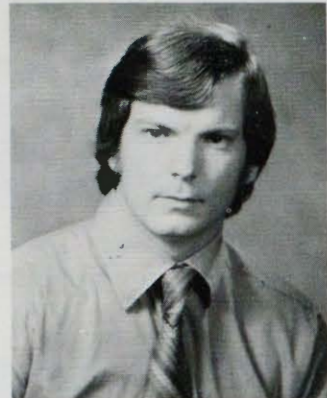


ROW 1 - Norm Novelly, Vice Pres. Walt Krajewski, Pres. Dave Kosnosky; ROW 2 - Treas. Dave Lydon, Sect. Don Anderson; ROW 3 Bill Serote; ROW 4 A.T. Still D.O. who was conceived without lesion.

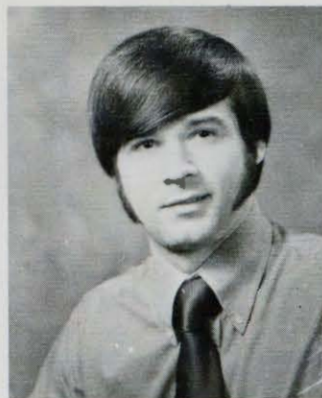
professionalism through fraternity. In addition, Atlas Club functions to provide social festivities, guest lecturers and a relief from the continuous migraine of battles with the books.



# PSG



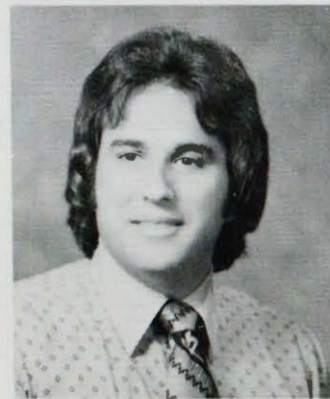
James Alexander



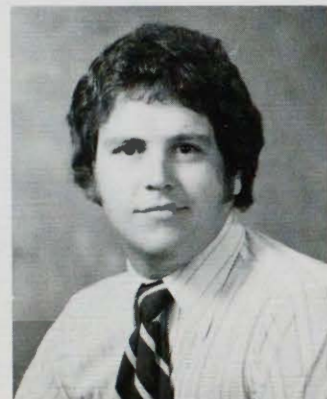
Daniel Beaver



Daniel Halby



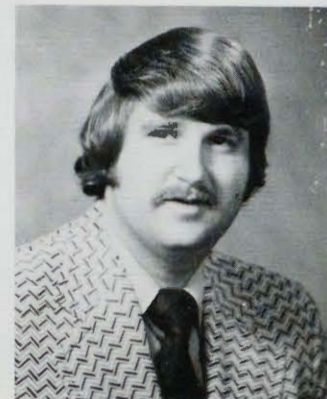
David Hoffman



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.

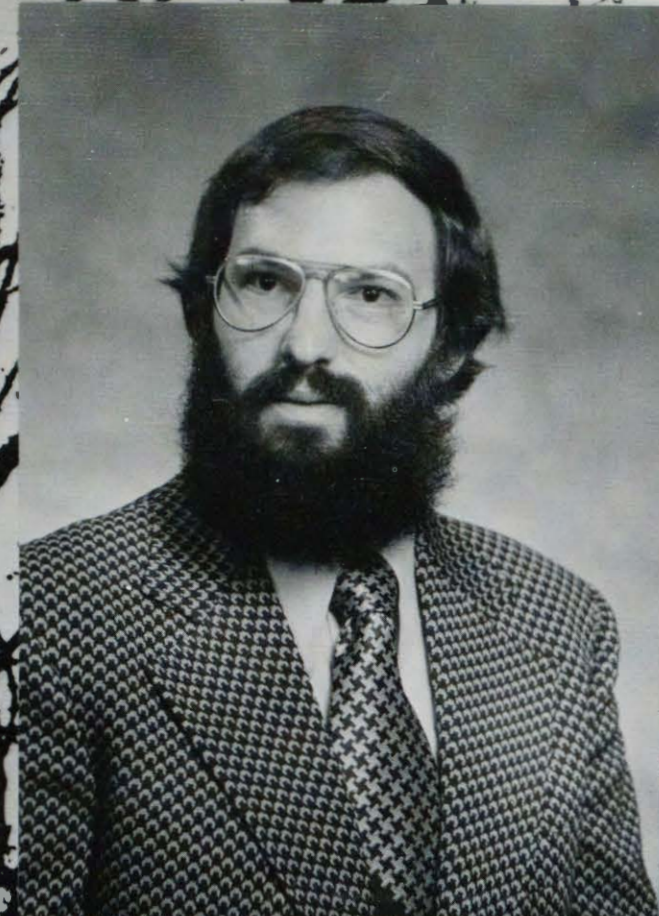
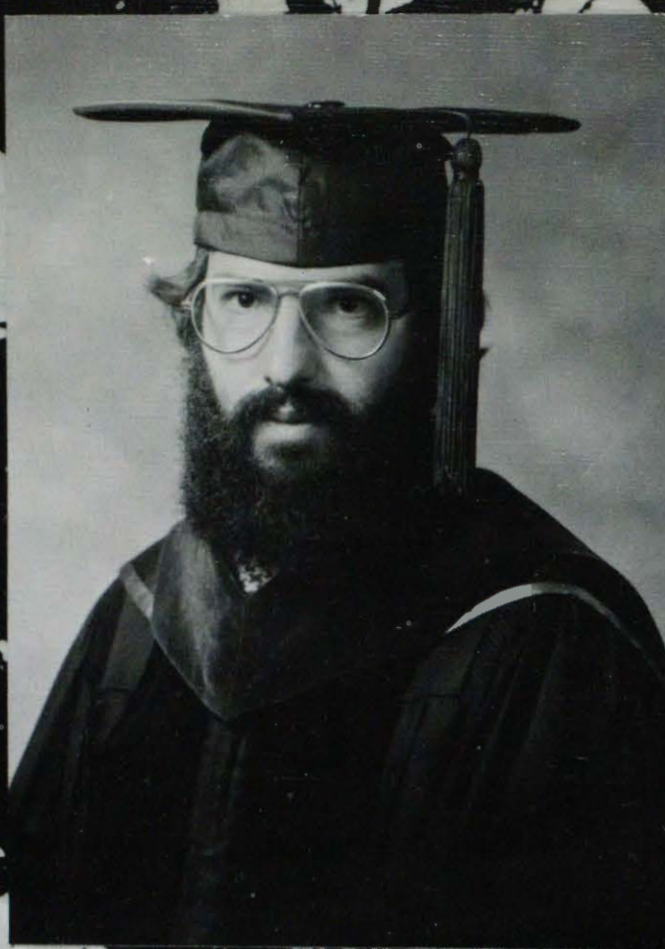
FRONT ROW: Deborah Copperman, Laurie Woll, Margaret Orcutt, Stephanie Gangsei, Rita Shapiro, Mary Nunchuck, Marianne Klemm (V. Pres.). Members NOT PICTURED: Shoko Kubota, Kip Malick, Terrie Wurzbacher (Pres.), Lesley Hanson, Melva Newcomb.



TOP: Melva "Evil Knivel" 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.





Camlin  
Photography

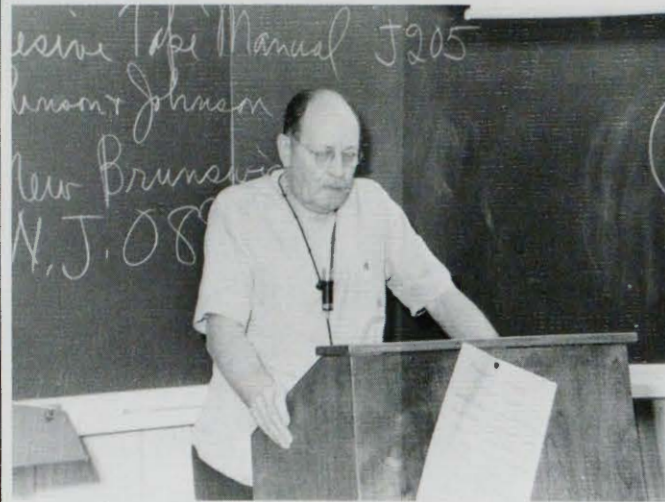
Congratulations  
Graduates 1974

CAMLIN COLOR PHOTOGRAPHY

"Where telling YOUR story in photographs  
is OUR business."



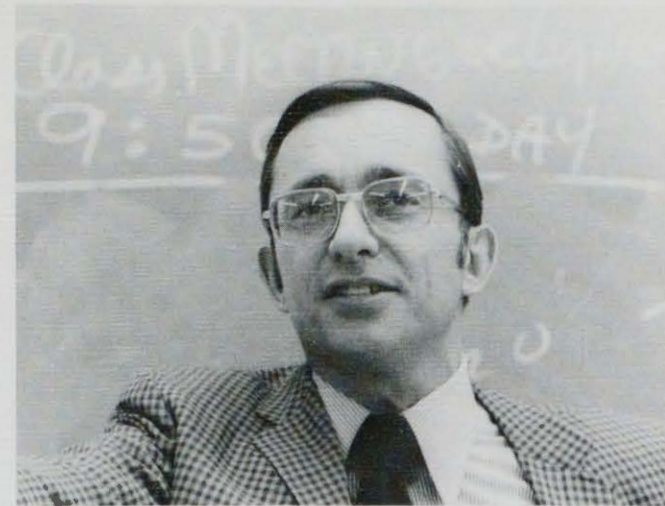
# PHYSICIAN- FACULTY BOOSTERS



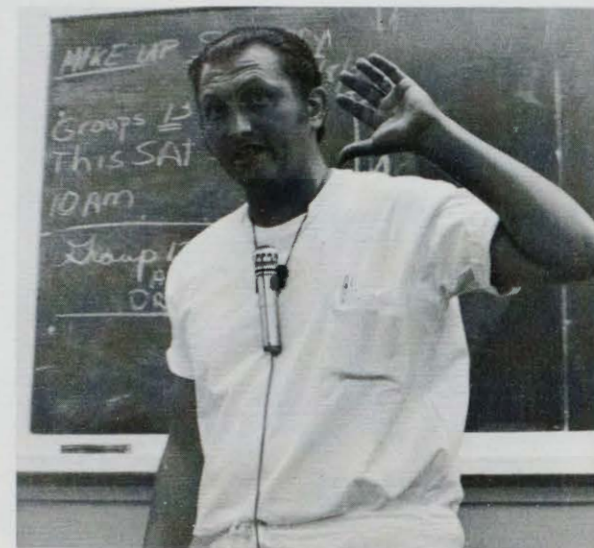
DR. BYRON LAYCOCK



DR. R. G. HATCHITT



DR. JOHN SCHWARTZ

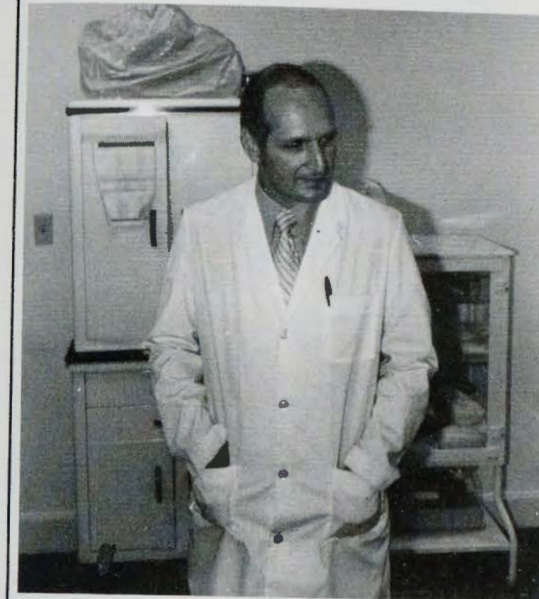


DR. NORMAN ROSE



DR. JAMES CATERINE

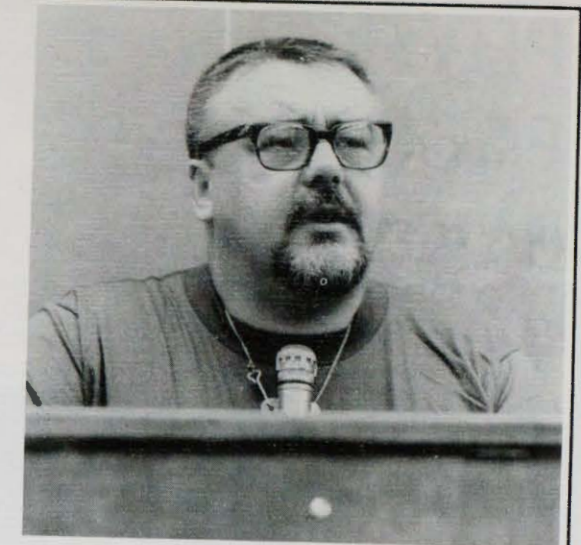
# PHYSICIAN- FACULTY BOOSTERS



DR. ROGER SENTRY



DR. BURTON ROUTMAN



DR. DAVID McCLAIN



DR. ELIZABETH BURROWS



DR. J. R. McNERNEY



# PHYSICIAN- FACULTY BOOSTERS



DR. HENRY KETMAN



DR. JOHN CISNA



DR. EDWARD HERTKO



DR. G. G. STODDARD



DR. ROBERT KREAMER

## NOT PICTURED

DR. DARRELL BROWN  
DR. MILTON DAKOVICH  
DR. SARAH LEE

DR. HERBERT ROSEN  
DR. C. E. WORSTER

# FACULTY BOOSTERS

MERLE KILMORE, PH.D.  
LALITHA KOSURI, PH.D.  
JULIAN MELHADO, PH.D.  
HARVEY NEWCOMB, PH.D.  
DARUNA SAYEED, PH.D.  
DUNCAN THOMSON, PH.D.



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MR. AND MRS. E. DWANE RICHARDS  
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McKeesport, Pennsylvania

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Bloomfield Hills, Michigan

MR. AND MRS. JOHN ROPES  
Arlington, Iowa

MR. AND MRS. CRAIG ROSE  
Maquoketa, Iowa

MR. AND MRS. SAMUEL ROSENBERG  
Milwaukee, Wisconsin

MR. AND MRS. HERBERT RYDELL  
St. Paul, Minnesota

DR. AND MRS. DAVID SCHEER  
Toledo, Ohio

DR. AND MRS. WALTER D. SCHEURERMAN  
Yardley, Pennsylvania

MR. AND MRS. SEYMOUR SILBERMAN  
Philadelphia, Pennsylvania

MR. AND MRS. ALBERT SIMKINS  
Oak Park, Michigan

MR. AND MRS. LYLE SORENSON  
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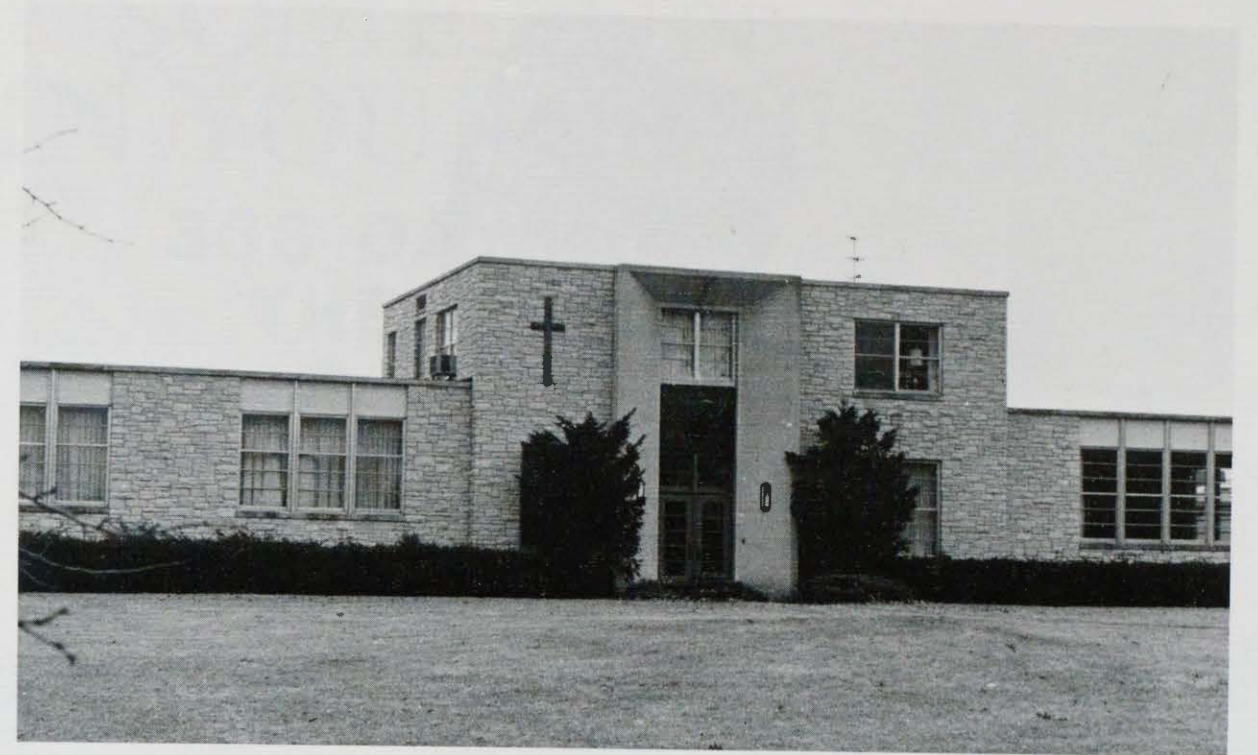
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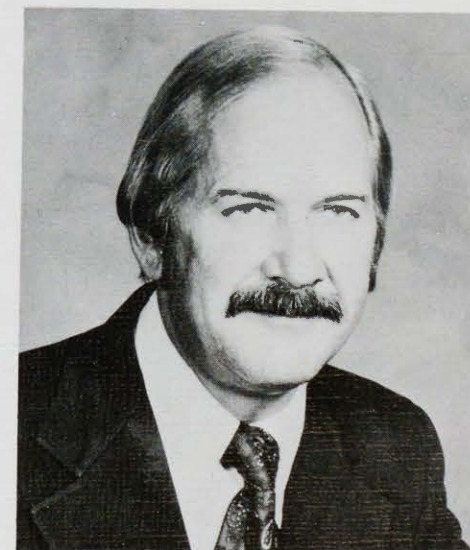
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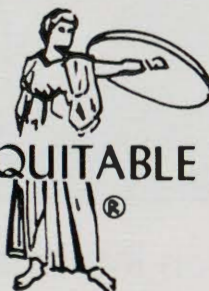
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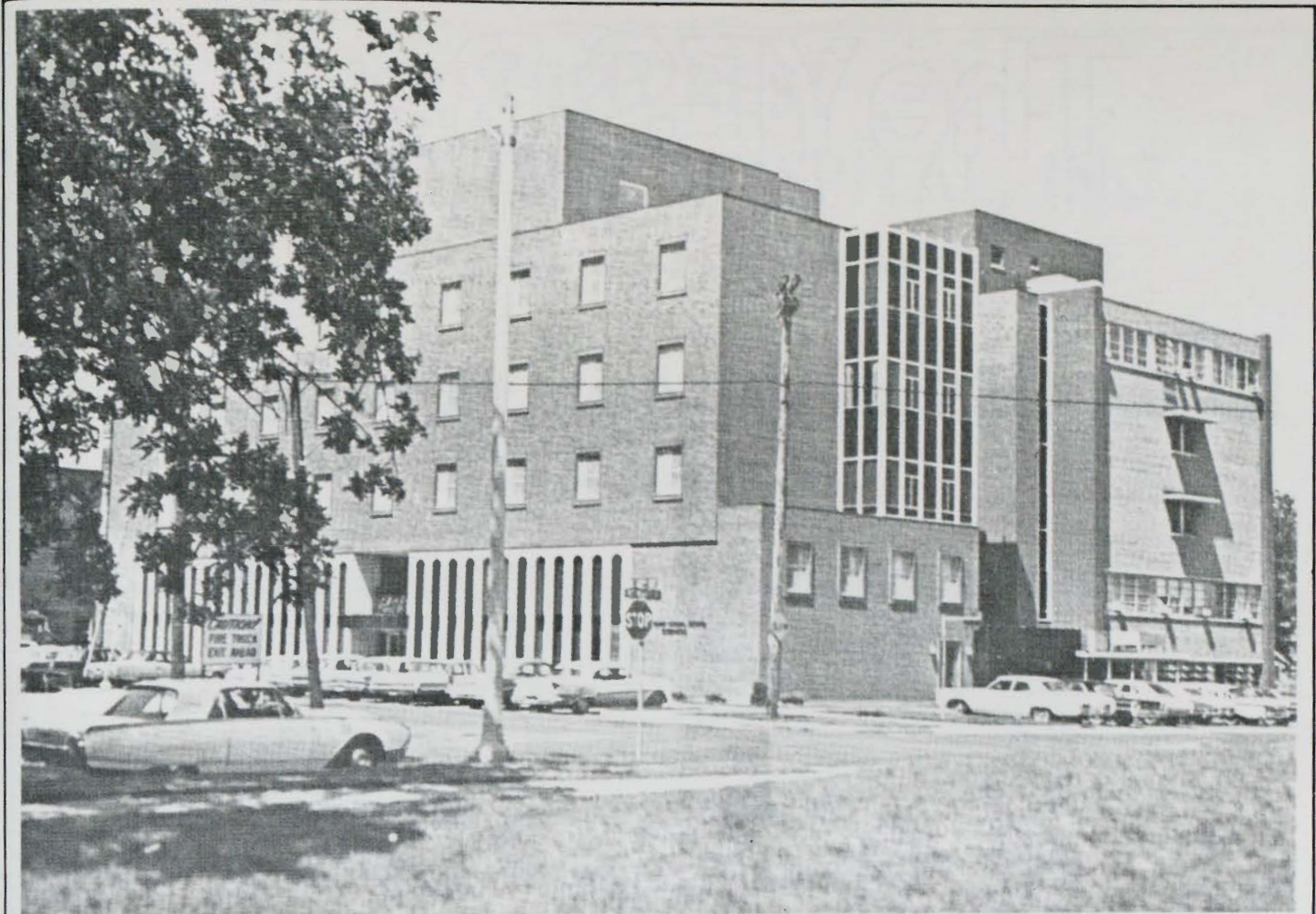


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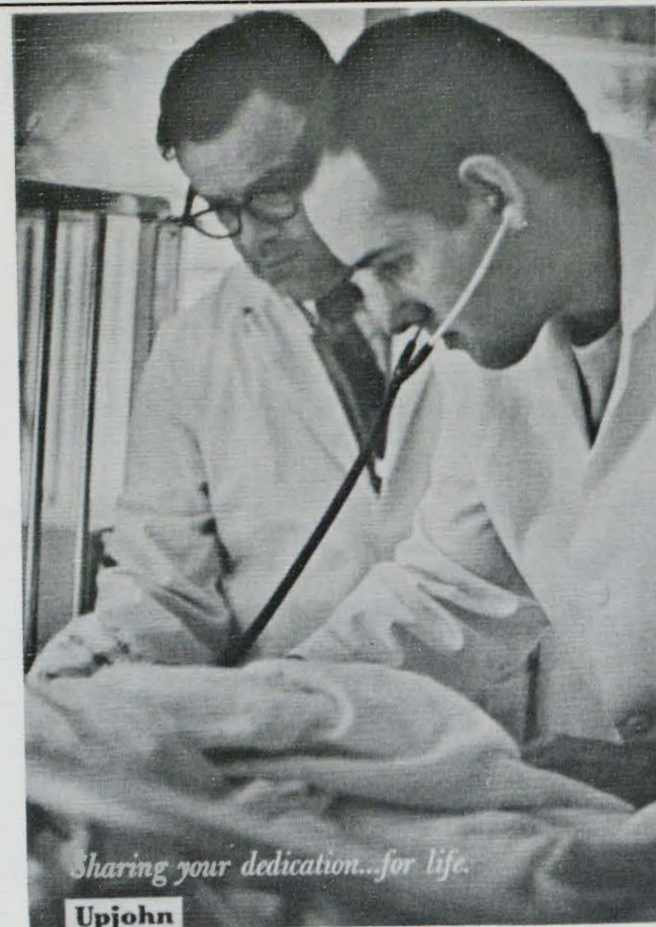
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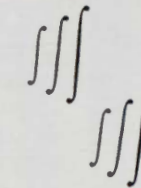
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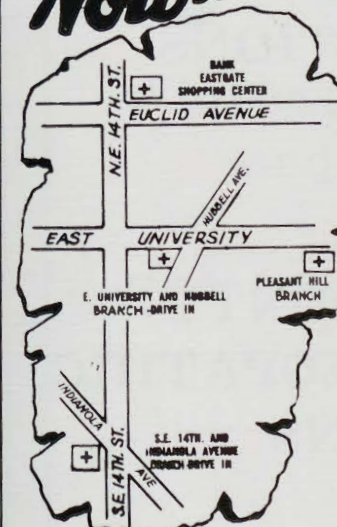
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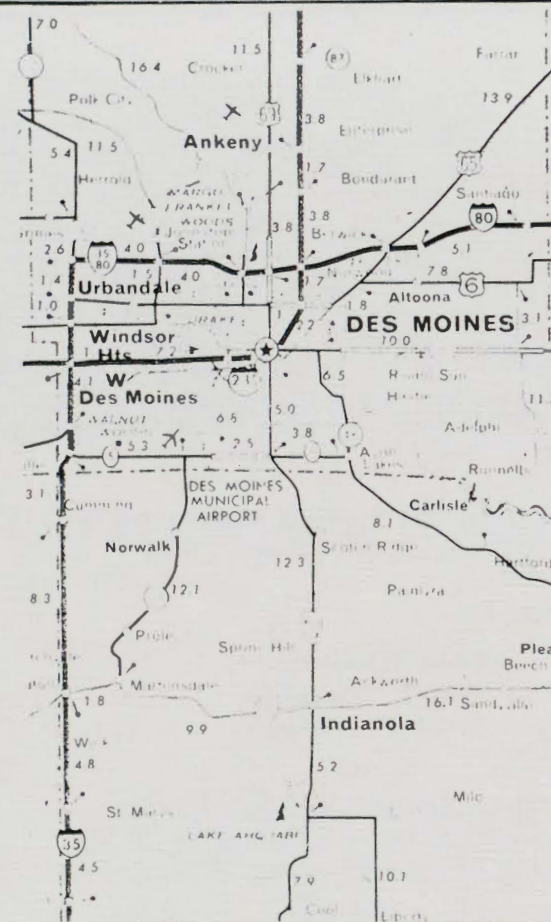
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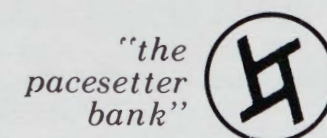
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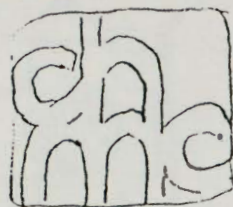
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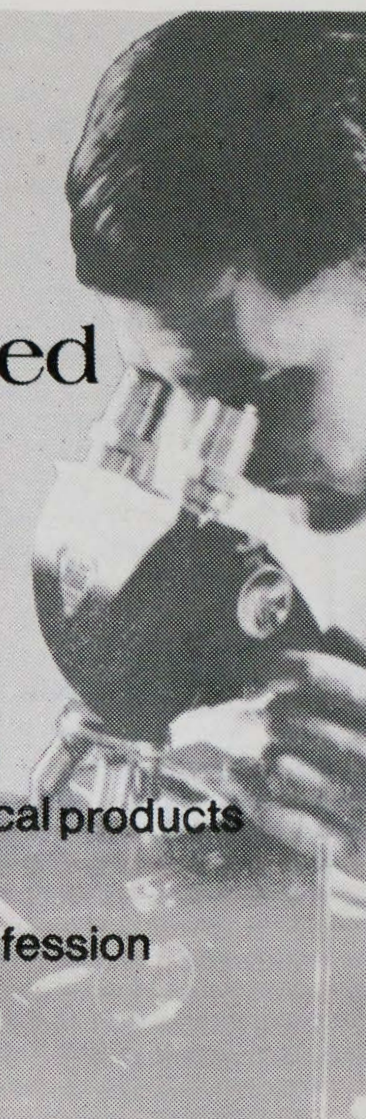
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Pacemaker 74 attempts to compare the activities and achievements of the academic year 1973-1974 with those of the past. Many thanks are due to the few devoted soles whose donation of time, energy, and talent has made the production of Pacemaker 74 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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