



**MUtation 1991**



# **MUtation**

**Volume 2**

**University of**

**Colum**

**School of M**

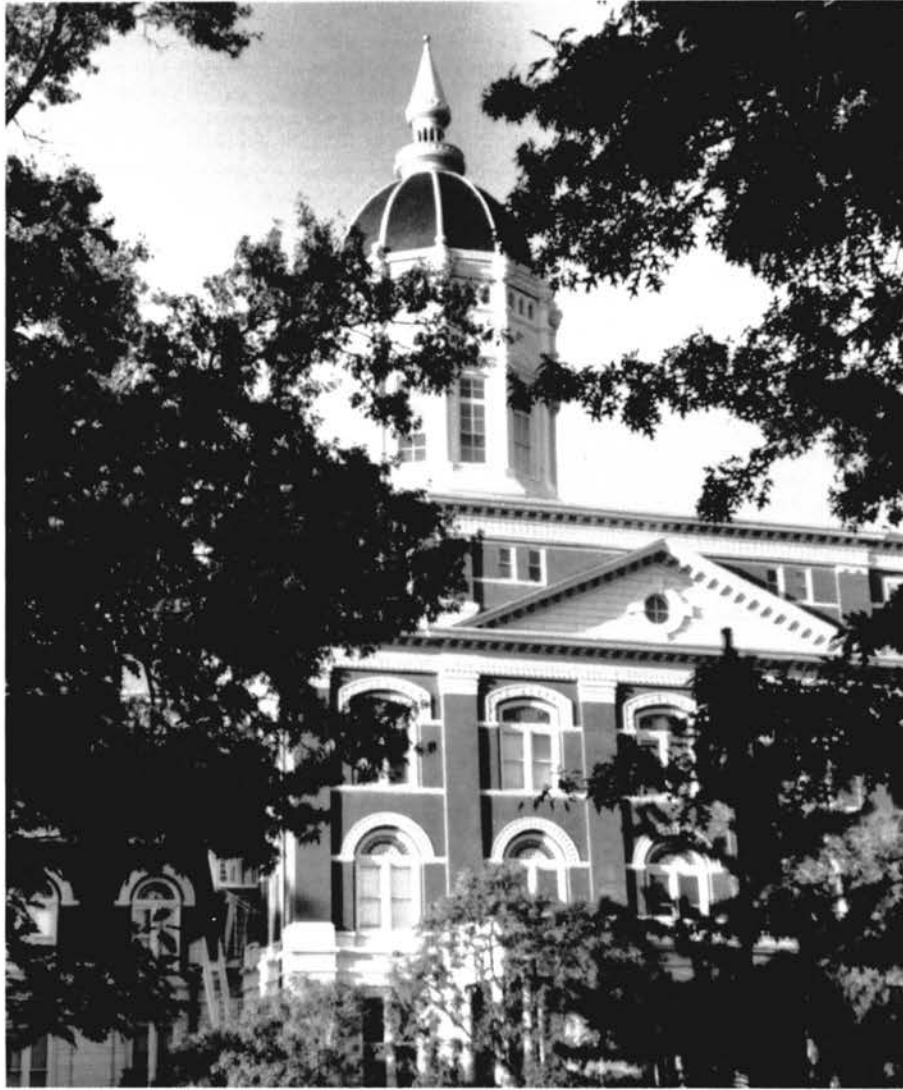


All school fall picnic 1990

**on 1991**  
**n XXXI**  
**of Missouri -**  
**mbia**  
**Medicine**

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## **PATRONS**

**Thomas W. Burns, M.D.**  
**Ann Havey, M.D.**  
**Carl H. Ide, M.D.**  
**Robert McCallum, Ph.D.**

**Michael Metzler, M.D.**  
**Ezio Moscatelli, Ph.D.**  
**Department of Neurology**  
**Michael C. Perry, M.D.**

**Class of 1990**

# SPONSORS

William Allen, M.D.  
William C. Allen, M.D.  
Robert Blake, M.D.  
Ralph Braunschweig, M.D.  
Dean Lester Bryant, M.D.  
Thomas W. Burns, M.D.  
Jack M. Colwill, M.D.  
Janis Dally, FNP-MSPH  
James W. Daly, M.D.  
William E. Davis, M.D.  
David Dueker, M.D.  
Betsy Garrett, M.D.  
Ted Groshong, M.D.

Roger W. Hofmeister, M.D.  
Michael Hosokawa, Ed.D  
Terry S. Hoyt, M.D.  
Elizabeth James, M.D.  
David M. Klachko, M.D.  
Alice M. Landrum, M.D.  
Robert Marienfeld, M.D.  
Brent W. Miedema, M.D.  
Georgia Nolph, M.D. and  
Karl Nolph, M.D.  
Charlotte Parker, Ph.D.  
Mitch Rosenholtz, M.D.  
and Sandy Rosenholtz  
Gilbert Ross, M.D.

Graham C. Scott, M.D.  
Eleanor Shaheen, M.D.  
James Sowash, M.D.  
Hugh Stephenson, M.D.  
Harry Stoekle, M.D.  
Jan Swaney, M.D.  
Jerry W. Templer, M.D.  
Joseph T. Walls, M.D.  
Dana Weaver, M.D.  
Mary Weinstein, M.D. and  
Stephen Weinstein, M.D.  
Harry White, M.D.  
Donald York, Ph.D.  
Steven Zweig, M.D.

Without the support of those listed on these pages, the 1991 MUtation would not be possible. These individuals have contributed to the community, to the University, and to the education of countless medical students. This is just one more example of their generous spirit. On behalf of all those who will enjoy this edition of the MUtation, we thank you.





## Dean's Message

I truly believe it takes more courage to study medicine today than it did when my generation was in medical school. The study requirements and demand for commitment were just as great as they are now, but the society in which we worked was far friendlier to the medical profession.

You are facing intense challenges because health care is in a phase of transition that requires the same dedication to patient care as previous generations but with far less tolerance for your human shortcomings. Nevertheless, your faculty and I have great pride in your accomplishments and complete confidence in your abilities and your future. Go forward with the knowledge that you are as well prepared to meet the challenges of the future as the graduates of any other school of medicine.

A handwritten signature in cursive script that reads "Lester Bryant".

Lester R. Bryant, M.D., Sc.D.  
Dean

# Administration, Faculty, and

# S t a f f



Ted Groshong, M.D.,  
Associate Dean



Robert McCallum, Ph.D.,  
Assistant Dean



Conway Jones



Denise Boessen



# ADMINISTRATION



Kathy Seay



Sandy McCurdy



Traci Stacy



Lynn Gluntz



Charmain Boyle



Angela Kelly



Sue Dunkin



Tim Rooney



Herbert Goldberg, Ph.D.



Barbra Horrell



Lauren Sipes



Vicki Hamburg



Carol Ritter



Roberta Settergren



Dog days of summer at UMC Hospital

# ANATOMY



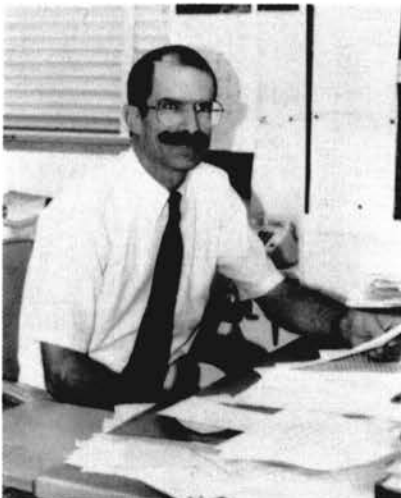
Willis Paul



Gary Dunkerley



Willis Samson



Finley Gibbs



Sandy Peterson



William Krause

---

# *R*eflections

---

## Dr. Goodge Steps Down as Course Director



I am grateful to have been given the opportunity to convey to the members of this graduating class, and to the many more that have preceded you, the feeling of pleasure I have had in taking part in the education of medical and other students here at the University of Missouri for twenty-six years. Although the intense pace of the courses has often been as wearing to me as to many of you, I have looked forward each academic year to the arrival of new students. I share the views of others that working with students helps to stimulate further study in ones' discipline and it seems to slow down the aging process. I have pursued many aspects of biology, but have found the complexities of human anatomy so interesting that I have wanted to share my knowledge of this with all who have been at least somewhat receptive to acquiring it. Of course we deal with a captive audience in the medical school class, but I have

tried to emphasize what is most relevant to your future needs.

I was asked to reflect on changes I have seen during my years in medical education. There has been a great reduction of class time allotted to anatomy in both the medical and pre-medical curricula. Although students have often felt overwhelmed by what there is that might be learned, most have been able to acquire a respectable amount of basic knowledge. Our understanding of structure has advanced greatly during my academic tenure. During this time the great discoveries related to electron microscopy and histochemistry were made. Before that even the existence of mitochondria was debated and only a few neurotransmitter substances were known. Even though gross anatomy has changed less, human variation was thoroughly studied and many aspects of functional anatomy are now better understood. As new surgical and diagnostic procedures were developed, the need for detailed anatomy of many organs increased and there has been a resurgence of sectional anatomy.

Despite all this, the basic knowledge that appears to be most useful to the medical student has changed very little. The structure, development and relationships of the major organs needs to be learned. Students continue to struggle with cranial nerves and the autonomic nervous system. Most of the classic central nervous system syndromes are presented now in a way similar to when I began teaching.

There have been obvious social changes during these years. During the sixties and early seventies students began to assume a greater role in the educational process and question authority. Faculty members often felt threatened by this and felt criticism was unduly harsh, but I must say that students of this period were more likely to ask broader, more functionally related questions. Of course the average age, the number of women and the national origins has changed over the years, but the medical student body has not appeared to me to be a homogeneous group, and I have always found this to be a plus.

Major changes appear to be coming for medical practice and medical education, but I believe the need for a broad base including anatomical science will continue.

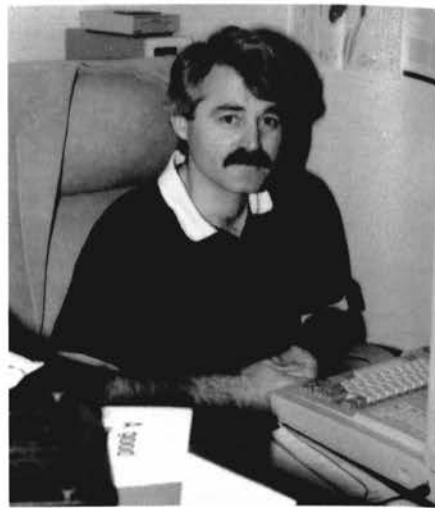
Sincerely,  
Bill Goodge



# ANATOMY



Kevin Rudeen, Ph.D.

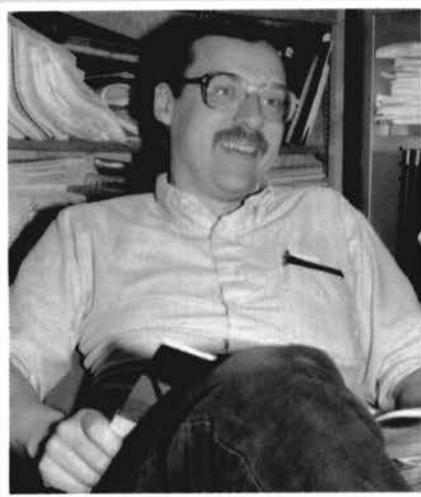


Tom Zoler, Ph.D.

# BIOCHEMISTRY



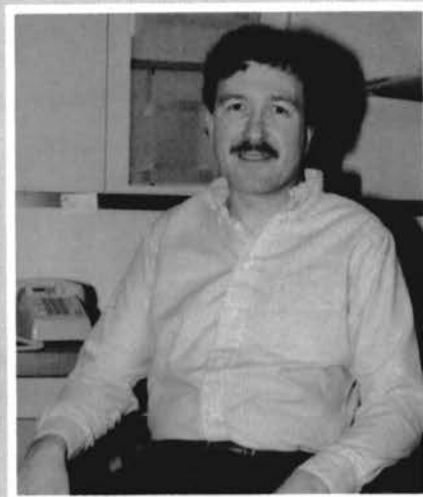
William Folk, Ph.D.



Francis Schmidt, Ph.D.



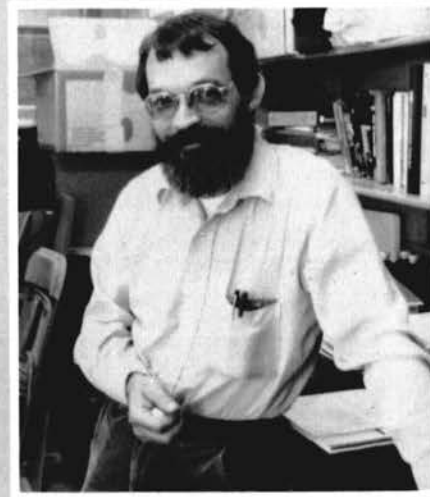
Benedict Campbell, Ph.D.



Gary Weisman, Ph.D.



Arnold White, Ph.D.



Joe Forrester, Ph.D.



John Decker, Ph.D.



Marilyn Duncan, Ph.D.

**Why the Brain Needs Exercise**

*In teachers, lawyers, and business men, who do much thinking, the brain continues to grow until near the fortieth year of age, but in those who shovel coal or do the same work day after day requiring no thinking, the brain stops growing after the twentieth year of age. A muscle grows by use and the same is true of the brain. One cannot use the mind without using the brain.*

From *Health Lessons* by Alvin Davison 1910



Ezio Moscatelli, Ph.D.



# Helicopter Facts



Three hours of maintenance are required for every one hour of flight.

***For more useful helicopter facts see page 25***

# PHYSIOLOGY



Allan Jones,, Ph.D., Chairman



Douglas Griggs, M.D.



Mark Milanick, Ph.D.



Michael Sturek, Ph.D.



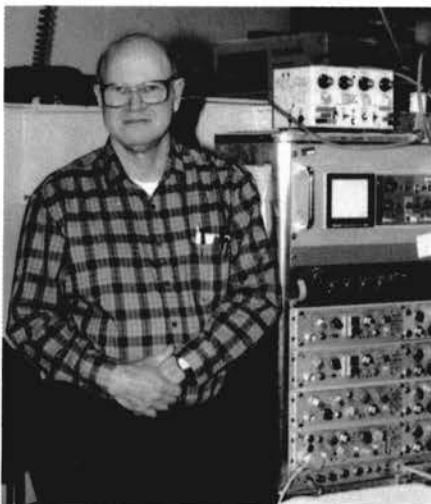
Thomas Hurley, Ph.D.



James Bullock, Ph.D.



Ronald Freeman, Ph.D.



J. Alan Johnson, Ph.D.

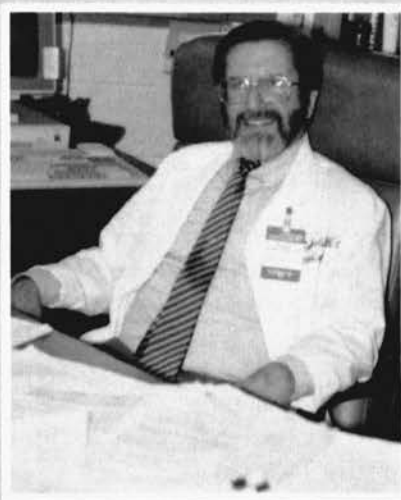


Virginia Huxley, Ph.D.

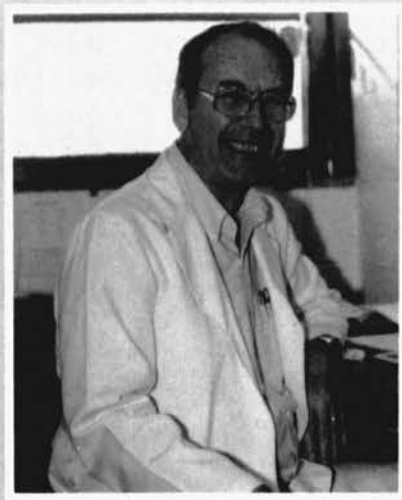
# MICROBIOLOGY



Donald York, Ph.D.



Richard Finkelstein,  
Ph.D., Chairman



James Barrett, Ph.D.



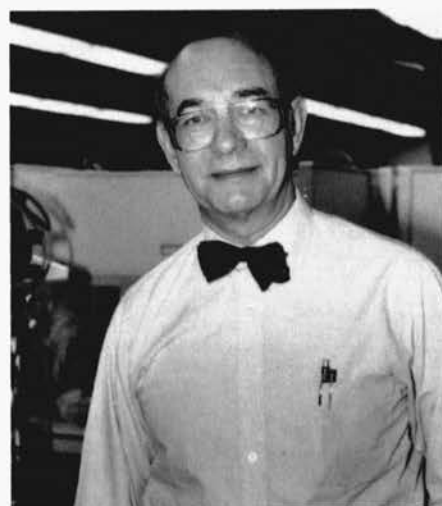
Michael Rovetto, Ph.D.



Hammond Riggs, Ph.D.



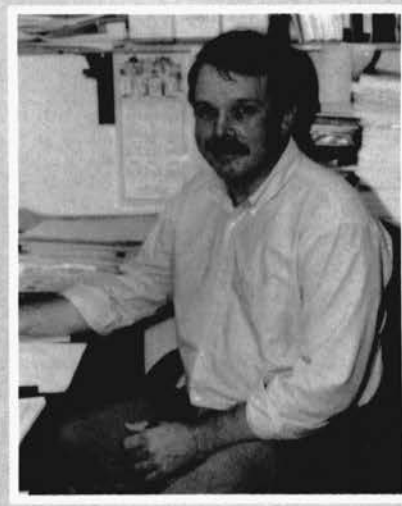
Helen Mullen, Ph.D.



Marvin Zatzman, Ph.D.



Charlotte Parker, Ph.D.



Kim Wise, Ph.D.



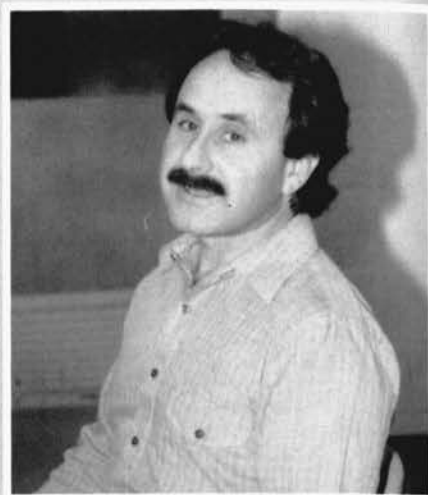
# MICROBIOLOGY



Michael Misfeldt, Ph.D.



David Pintel, Ph.D.



David Lee, Ph.D.



Gregory McDonald, Ph.D.



Karen Bennett, Ph.D.



Mark McIntosh, Ph.D.



Ramareddy Guntaka, Ph.D.



John Cannon, Ph.D.



In Memory of Joseph Parisi, Ph.D.  
1934-1990

# SOCIAL & BEHAVIORAL SCIENCE



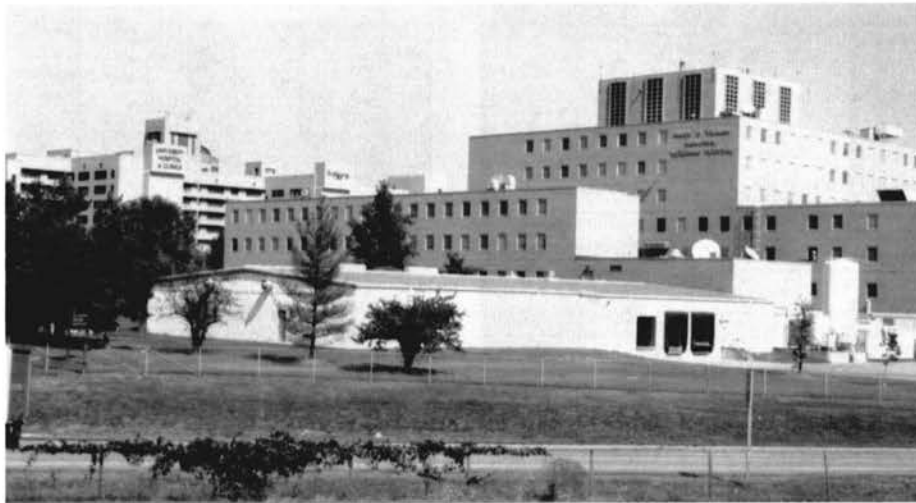
D.T.A. Vernon, Ph.D.



Michael Hosokawa, Ed.D.



James Campbell, Ph.D.



The Medical Mecca



Orah Mae Mockbee

**HOW HABITS ARE FORMED** — The doing of one thing over and over again calls into action the same set of nerve cells, and they finally become so accustomed to act, that they do so without the aid of will, and often even against it. This is habit. A boy long accustomed to swearing, acting rudely, eating rapidly, or looking sullen cannot refrain from these ungentlemanly habits later in life, even when honestly trying to do so. The cultivation of agreeable manners and pleasant looks not only

makes friends in school, but success in later life.

**THE DANGER OF BAD THOUGHTS** — Evil thoughts passing often through nerve cells leave a blot there which can never be entirely erased.

The first step toward wrong doing is in wrong thinking. Many cases are known where the reading of books and newspapers describing wicked acts has affected the nerve cells so as to cause the reader to commit robbery and other crimes.

The youth who causes to pass

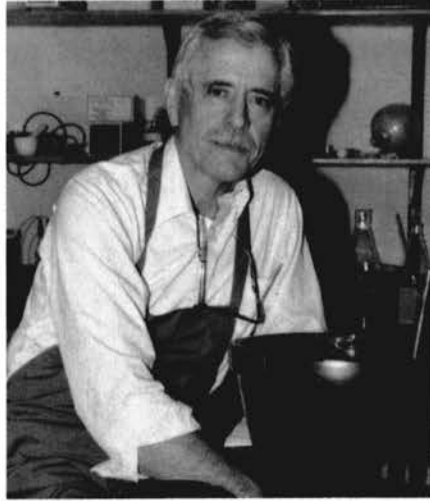
through his nervous system into his mind noble thoughts from good people and good books, and who learns industry, patience and politeness is sure of friends and success in life. The mind is like a piece of ground which if not sowed with good seed and cultivated, will grow up with worthless weeds. It is, therefore, important that one should keep in good company and think and talk about what will make life more pleasant and useful.

*Health Lessons, Alvin Davison, 1910*

# PHARMACOLOGY



Hyun Kim, Ph.D., Chairman



Keith Byington, Ph.D.



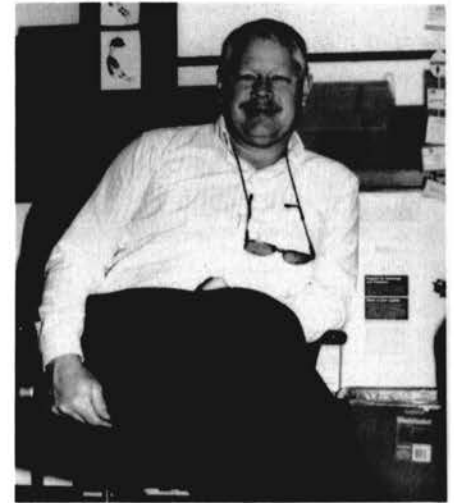
Richard Adams, Ph.D., D.V.M.



Stephen Halenda, Ph.D.



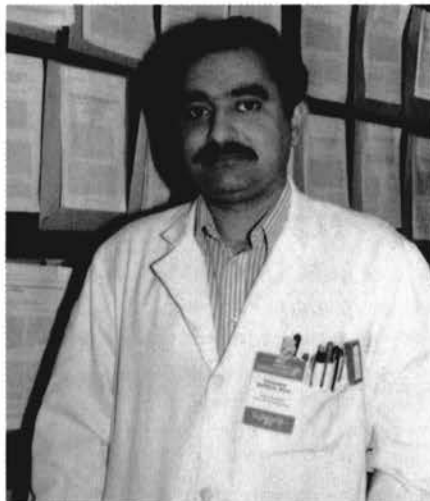
Marilyn James-Kracke, Ph.D.



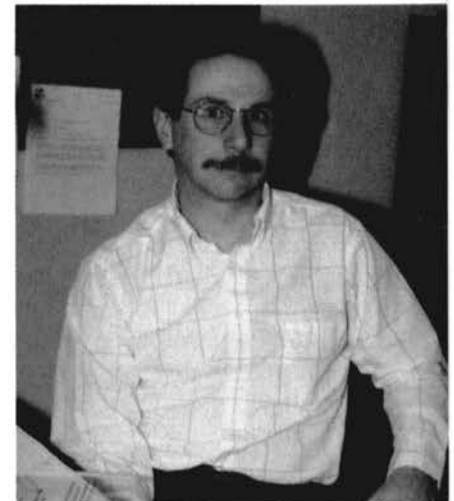
Leonard Forte, Ph.D.



Albert Sun, Ph.D.



Shivendra Shukla, Ph.D.



John Turner, Ph.D.



Tihamer Csaky, M.D.



Judith Cole, Ph.D.



Jesse Bowen, Ph.D.



Med center and track for pre-rounds calisthenics.



UM architecture and busy unit clerks.

# PATHOLOGY



John Townsend, M.D.  
Chairperson



Ann Harvey, M.D.  
Course Director



John Bickel, M.D.



Imelda Bulatao, M.D.



Bill Caldwell, M.D.



Alberto Dias-Arias, M.D.



Jay Dix, M.D.



Lamont Gaston, M.D.



Helmut Haibach, M.D.



Ellis Andrew Ingram, M.D.



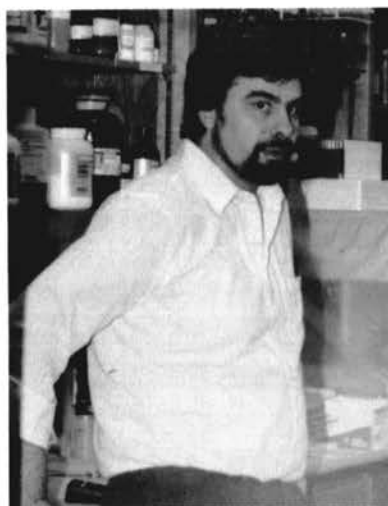
Tim Loy, M.D.



Alan Luger, M.D.



Mitch Rosenholtz, M.D.



Dan Smith, M.D.



Linda Spollen, M.D.



Ronald Sprouse, Ph.D.



Paul Sun, M.D.



Yohannes Yesus, M.D.



**Brett Bartlett, M.D.**



**Bob Chapman, M.D.**



**Van Darkow, M.D.**



**Stacy Farnham, M.D.**



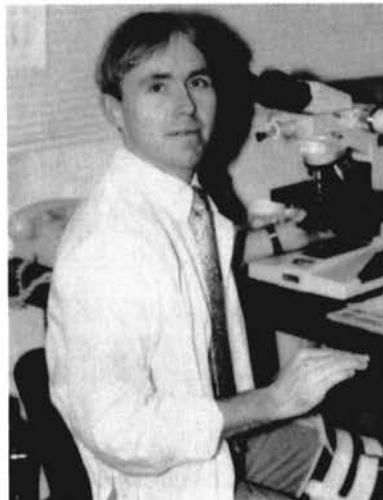
**Dolph Haege, M.D.**



**Marcus Nashelsky, M.D.**



**James Quesenberry, M.D.**



**Sandy Sharp, M.D.**



**James Sylvester, M.D.**

# You Were Always Right, Right From the Start.



Mike Thompson, M.D.

It would be nice to think that your medical educational experience was set up as a clever experiment to test your convictions and principles, to see if you really had the guts to speak out like the kid in the story of the *EMPEROR'S CLOTHING*, and challenge your medical school teaching programs. But being the new kid on the block, you entered the twilight zone of educational madness, reluctant to speak out, but suspecting that your intellectual instincts were correct and that serious educational and philosophical deficiencies were present.

When you got into medical school, you were pleased and made secret promises such as: I will really try to understand medicine, I will now use all my math and chemistry, the use of penetrating questions will unravel the mysteries of life and I will develop the skills to become a sensitive, caring, competent physician. Your worst fears were realized when you quickly discovered that medical school rarely utilized math or chemistry, that academic success was measured by your ability to memorize large amounts of unrelated material, and that penetrating questions

were often met by destructive criticism. But you were right, this form of information gathering is not a measure of either intelligence of a predictor of a physicians success. It really indicates a failure of educators to evaluate the entire student, our



Michael Turner, M.D.



Monica Zill, M.D.



Edward Adelstein, M.D.

most important responsibility.

You found out the academic community has chosen to accept the administrative standards of excellence which are measured by total grant dollars and number of publications. You were right again, the god teachers, the hard-working caring physicians and the dedicated researchers are the real substance of your educational experience.

*Cont. on next page.*



Michele McNally, Path Sec.



Marcy Bothwell, PSF



Stephen Craig, PSF



*Cont. from previous page*

You are observing medicine becoming a technical science, with physicians being only responsible for specific body parts. We are developing procedural oriented pay-as-you-go medicine and buying into the developing medical-industrial complex, which simply makes up monopolistic charges for medical care. You are right, we are losing control of health care delivery and the responsibility for human health care needs.

You have discovered that the constant bombardment of facts, without time for contemplations and scientific adventures, has reduced your ability for creative thinking and medical discovery fantasies. You are right, we have ignored the most critical part of your education, the ability to use information to solve problems and to establish role models for you in both health care and research.

The good news is that we finally recognize that all you knew is correct. We are in the process of changing the major

emphasis of medical education to a problem solving, creative thinking program. Perhaps we are capable of understanding that it is not the structure of education but our philosophy of education that needs revision. We are showing signs of questioning the accepted values of academic success. We are beginning to understand that we need real doctors to take care of the entire person.

Most of all, you were right in choosing medicine as your profession. You can relieve suffering, you can change medical education, you can become the physician you always wanted to be. You can study and solve medical mysteries, you can challenge health care policies, you can become the person that you can be proud of. You can enjoy all the benefits of your profession. You are the future of medicine.

Sincerely,  
Dr. Edward Adelstein

# ANESTHESIOLOGY



G.W.N. Eggers, M.D., Chairman;  
Jeff Bredemann, M.D.



E. Scott McCord, M.D.



Eugene Worth, M.D.



Susan Krechel, M.D.



Nilakshi Gupta, M.D.



R. Louise Lowry, M.D.



Herbert Ferrari, M.D.



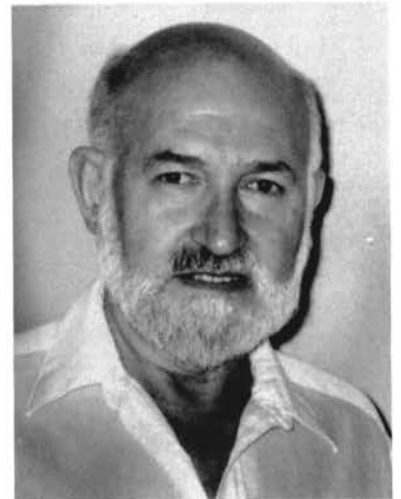
Alice Landrum, M.D.



Randy Kuntze, M.D.



Robert Fisher, M.D.



Ralph Braunschweig, M.D.



John Little, M.D.



Andy Abele, M.D.; Jimmy Dunn, M.D.; Walt Stewart, M.D.



Dan Cole, M.D.



Jay Faurot, M.D.



John Hubbard, M.D.



Brian McKinna, M.D.



Angela Stewart, M.D.



Erik Schneckloth, M.D.



William Huber, M.D.  
Tom Briles, M.D.



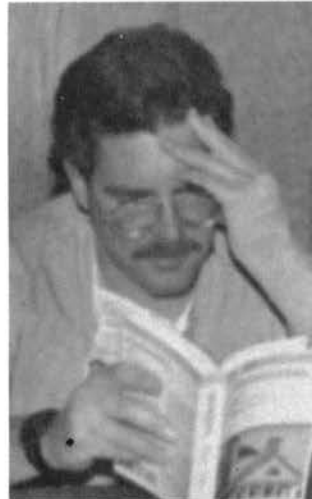
Steven Daniels, M.D.



Syd Gailey, M.D.



Bill Stark, M.D.



Jon Taylor, M.D.

# Useful Helicopter Facts

Continued from page 11



Stump your friends; confound your enemies.

The BK-117 helicopter, known affectionately as the death star, epitomizes the high-tech state of the art medicine practiced here at Mizzou.

Weight: with fuel and equipment 4200 pounds  
maximum normal take off 5000 pounds

Fuel: Jet A, 42 gallons per hour per engine

Engine: two 650 horsepower turbines

Speed: 180 mph maximum, 100 mph cruising

Operating conditions: Visual approach only

Navigation: Compass, inertial gyroscope  
LORAN C radio locator

Main rotor speed: 384 RPM

Color Scheme: Teal green, charcoal, white

Flight costs: \$300 base charge, \$10.50/mile

Commonly asked questions:

Q: I once drove a VW with 11 people in it;  
how many will the helicopter hold?

A: Normally 6 can ride, but if everyone  
inhales from helium balloons, 14 can ride.

Q: Why fly the round-about way to refuel?

A: To scare the hell out of the VA PTSDers.

Q: What do I have to do to get a ride?

A: Roll a pickup at 90 miles an hour.



Two vets have a smoke and contemplate heli-facts.

# CHILD HEALTH



William Altemeier, M.D., Chairman



Peter Konig, M.D.



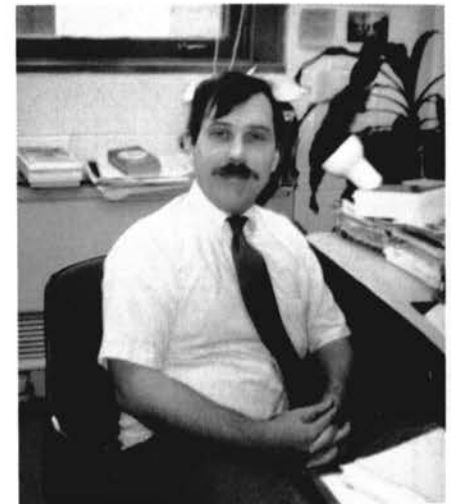
Teresa Esquivel, M.D.



David E. Goldstein, M.D.



Philip Rhodes, M.D.



Larry Desch, M.D.



Michael Cooperstock, M.D.



Giulio Barbero, M.D.



Elizabeth James, M.D.



Frank Clark, M.D.



James Cassidy, M.D.



Richard Hillman, M.D.



Laura Hillman, M.D.



Harry Stoekle, M.D. and Miriam Shatley, M.D.



Virginia Proud, M.D.



Tim Reed, M.D., and friends



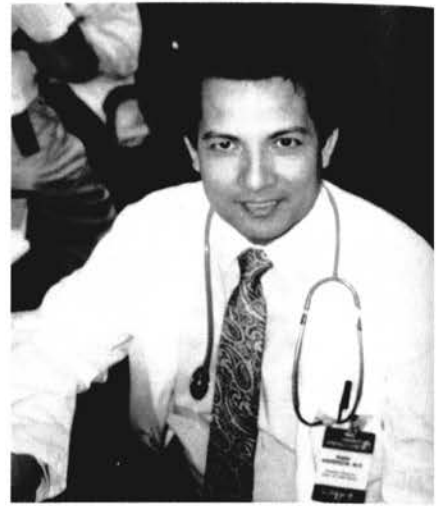
Kelly Hersey, M.D., and Danilo Yumul, M.D.



David Ege, M.D.



Eleanor Shaheen, M.D.



Walter Anderson, M.D.



Jeff Skimming, M.D.



Morris Gad-El Karim, M.D.



Annie Hayag, M.D.



Andy Barden, M.D.



Linda Strong, D.O.



John Pardalos, M.D.



Nancy Vandersluis, M.D.



Nasrollah Hakami, M.D.



Judith Miles, M.D.



Dave Withrow, M.D.



Chris Oermann, M.D.



Boris Lokshin, M.D.



Shokou Hamzepour, M.D.



Dorcas Anderson, M.D.



Regina Selva, M.D.



Dawn Allicock, M.D.



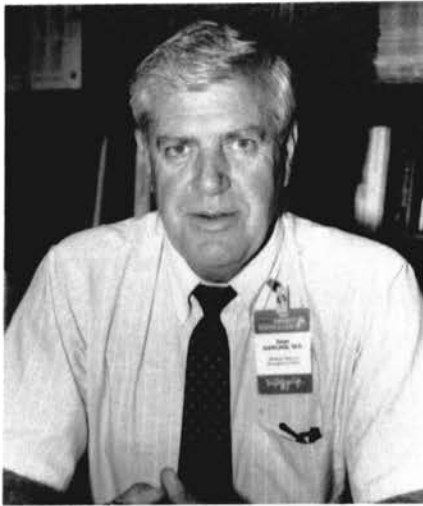
Zuhdi Lababidi, M.D.



Tom Selva, M.D.



# EMERGENCY MEDICINE



Dean Nierling, M.D., Director



Michelle Cates, M.D.



Bill Musick, M.D.



William Womack, M.D.



Vicki Park, M.D.



Bill Jermyn, D.O.



Shakespeare's Pizza, a popular student hangout, is soon to be closed. (see pg. 75)

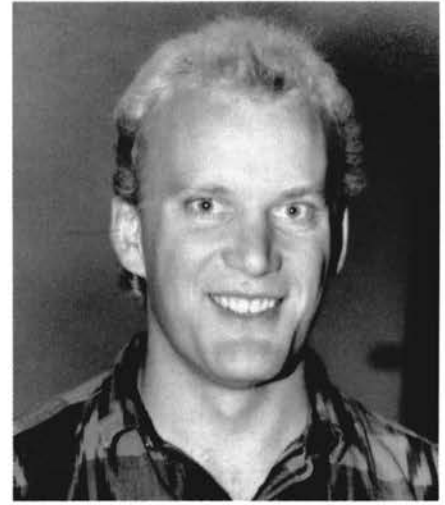
# FAMILY & COMMUNITY MEDICINE



Jack Colwill, M.D., Chairman



Tom Grissom, M.D.



Paul Sackschewsky, M.D.



Frederick Stone, M.D.



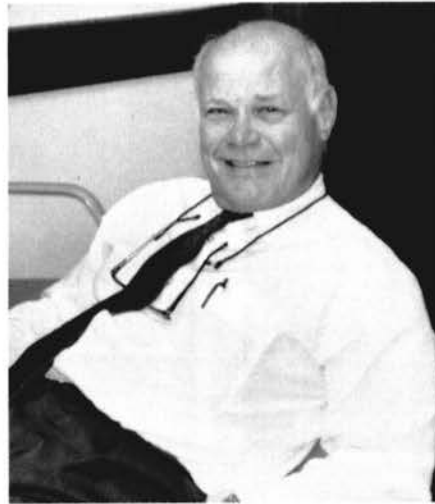
Anita Holtz, M.D.



Michael Stiffman, M.D.



Georgia Nolph, M.D.



Gerald Perkoff, M.D.



Pat Adams, M.D.



Michael Hosokawa, M.D.; Steven Zweig, M.D.



Elizabeth Garret, M.D.



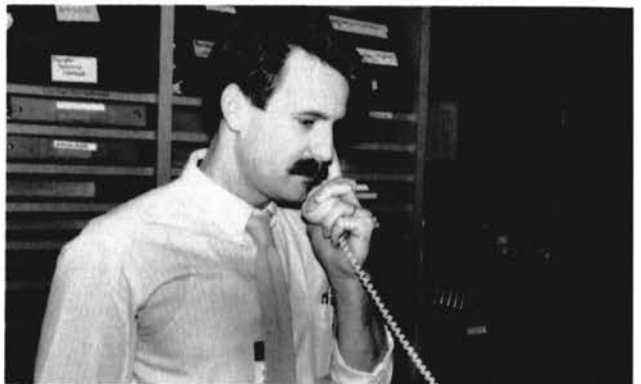
Daniel Vinson, M.D.



Robyn Blake, M.D.



David Schneider, M.D.



Gary Upton, M.D.



Margaret Flynn, M.D.



Robert Neubauer, M.D.



Steven Holcomb, M.D.



Harold Williamson, M.D.



Bernard Ewigman, M.D.



William C. Allen, M.D.



Allen Daugird, M.D.



Betty Noll, M.D.



Tim Bartholow, M.D.



Denise Johnson, M.D.



Larry Slaughter, M.D.



Mark Schnee, M.D.



Erika Ringdahl, M.D.



Michael LeFevre, M.D.



Debra Howenstine, M.D.



Nancy Elder, M.D.



Robert Pierce, M.D.



Holly Benedict, M.D.



Benjamin Keely, M.D.



Rick Williams, M.D.



Stephen Adams, M.D.



Joseph Stanford, M.D.



Joseph Beckmann, M.D.



Paul Schoephoerster, M.D.



Janet Baxter, M.D.



Stephen Haudrich, M.D.

# INTERNAL MEDICINE



Melanie Elfrink, M.D.



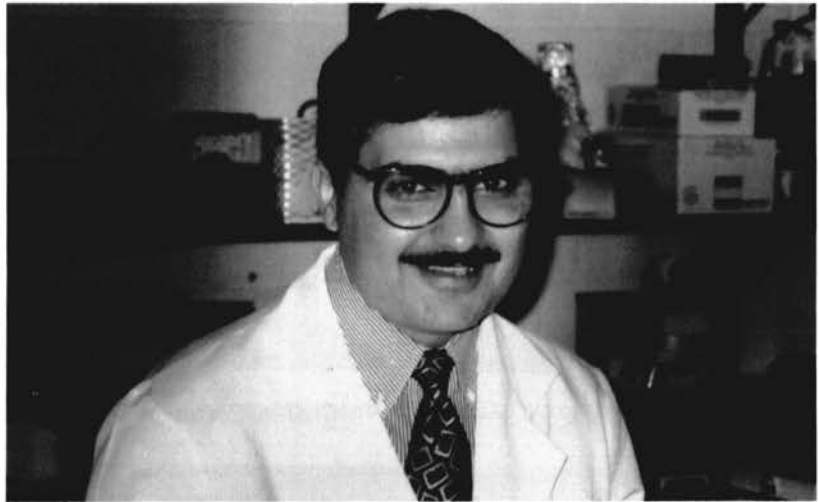
Ann Hosmer, M.D.



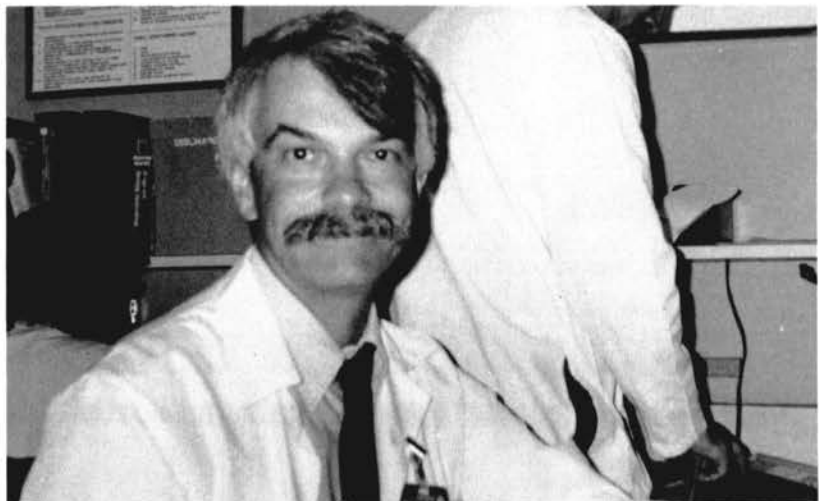
Lisa Pierce, M.D.



Michael Perry, M.D., Chairman



Larry Baddour, M.D.



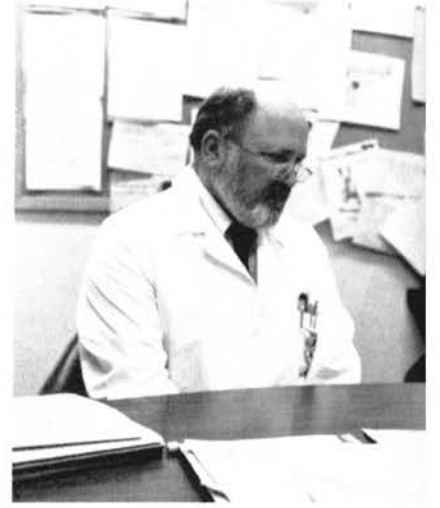
Dennis Marienfeld, M.D.



E. Dale Everett, M.D.



Gordon Christensen, M.D.



John L. Winnacker, M.D.



Doug Egli, M.D.



Sharon Carmignani, M.D.



Thomas E. Edes, M.D.



Charles Brooks, M.D.



David Brady, D.O.



Jack Dodson, M.D.



Lyndell Scoles, M.D.



John Waddell, M.D.



Alan Mead, M.D.



Rich Burns, M.D.



Todd Altenbernd, M.D.



Randy McVeigh, M.D.



Lynda Wolter, M.D.



Lynn Whitmer, M.D.



Mike Johnson, M.D.



Wendell Bronson, D.O.



Marie Ketchersid, M.D.





Robert Daniels, M.D.



GiGi Baker, M.D.



Tim Vaughn, M.D.



Will Roland, M.D.



Julaine Stiers, M.D.



Lee Harwell, M.D.



Betty Rodriguez, M.D.



Caroline Elias, M.D.



Juan Pineda, M.D.



Randy Snook, M.D.



Denise Burke, M.D.



Jeffrey Verhey, M.D.



Sandra Robles, M.D.



Daniel Megard, M.D.



Steve Mathews, M.D.



Grant Hammons, M.D.



Dan Rosborough, M.D.



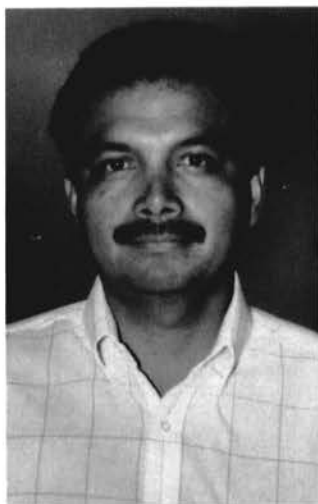
Sri Chatrathi, M.D.



Maria Palma, M.D.



Dave Koenig, M.D.



Eduardo Martinez, M.D.



Gopa Rahman, M.D.



Jeff Zohner, M.D.



Lisa Kolb, M.D.

# CARDIOLOGY



Karl Weber, M.D., Chairman; Hanamuth Reddy, M.D.



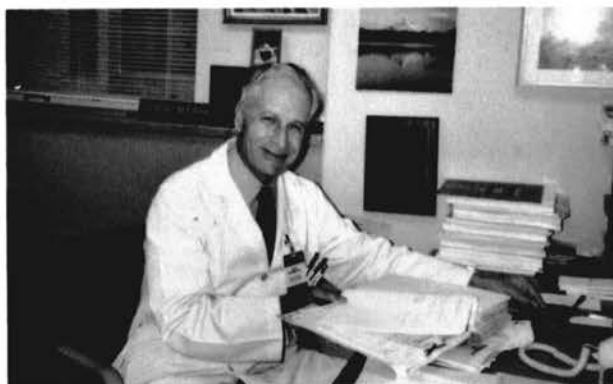
Richard Webel, M.D.



Back row: Patrick McLaughlin, M.D., Abdelnasser Elmansoury, M.D., Bill Wright, M.D., Radomysl Twardowski, M.D. Front row: Imam Eko Tjahja, M.D., Donald Voelker, M.D., Michelle Brown, M.D., Steve Jenkins, M.D.



Mahboobur Rahman, M.D.



Brent Parker, M.D.



Ebrahin Mostoufi, M.D.

# DERMATOLOGY



Back Row: David Clark, M.D., Kent Walker, M.D., Doug Hensley, M.D., Philip Anderson, M.D., Chief Byron Limmer, M.D.  
Front Row: Darnell Martin, M.D., Karen Zanol, M.D., Morissa Baskin, M.D., Rene Wedig, M.D., Joseph Malters, M.D.



Ronald Swinfard, M.D.



Susan Zurowski, M.D.



John Despain, M.D.

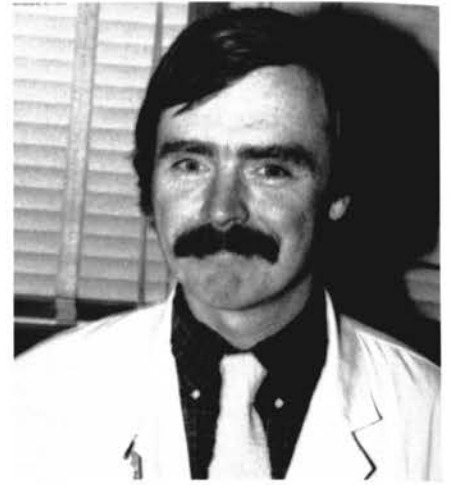
# GASTROENTEROLOGY



James Butt, M.D., Chairman



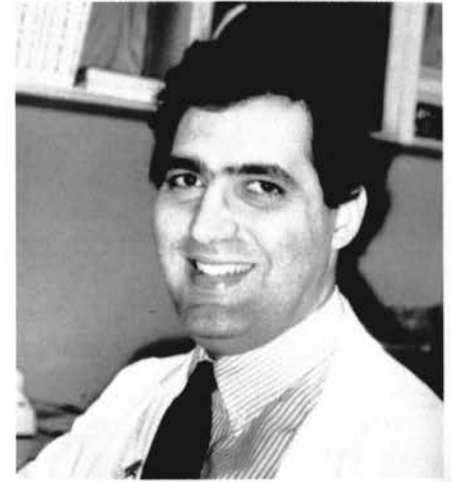
David Bull, M.D.



John Marshall, M.D.



Rob Daniels, M.D., James Barthel, M.D., Maureen Lillich, M.D.



Nicholas Llorens, M.D.



Sharif Mansoor, M.D.



Don Mangum, M.D.

# HEMATOLOGY/ONCOLOGY



William Patterson, M.D.



Scott Ringenberg, M.D.



John Yarbrow, M.D., Edith Mitchell, M.D.



Don Doll, M.D.



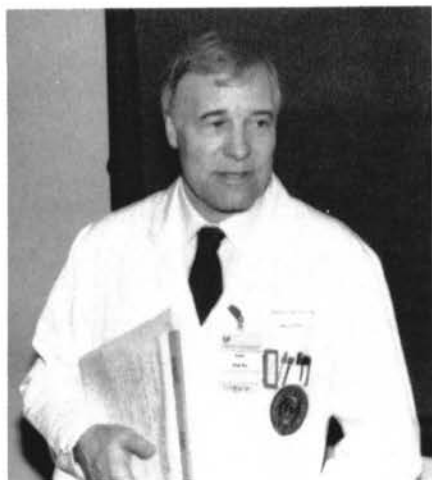
Mehdi Farhangi, M.D.



Ruth Ann Nevils, M.D.



# RHEUMATOLOGY/IMMUNO



Gordon Sharp, M.D., Chief



Alan Bridges, M.D.



Sara Walker, M.D.



Robert McMurray, M.D., James Anderson, M.D.



Geetha Reddy, M.D.

# PULMONARY



Sheldon Braun, M.D.



Vijay Chechani, M.D.



Frank O'Sullivan, M.D.



Donald Kay, M.D.



Robert Hoffman, D.O.



David Dansdill, M.D.



Claro Palma, M.D.



Peri Hickman, M.D.



Graham Scott, M.D.



Anthony Cubb, M.D.



Mir Shuttari, M.D.



# NEPHROLOGY



Karl Nolph, M.D., Chief



Sunder Lal, M.D.



Steven Brooks, M.D.



Mark Vaporean, M.D.



Ramesh Khanna, M.D.



Zbylut Twardowski, M.D.



Gary Reams, M.D.



John Bauer, M.D.



VA Art

# ENDOCRINOLOGY



Thomas Burns, M.D., Chief



David Klachko, M.D.



David Gardner, M.D.



Susan Allen, M.D.



Jay Shah, M.D.



# NEUROLOGY



Back Row: Pradeep Sahota, M.D., Harry White, M.D., Shanker Sundrani, M.D., William Crowley, M.D., Chairman, Mohammed Zafar, M.D., Edgardo Gamboa, M.D., John Byer, M.D. Front Row: Ravinder Arora, M.D., Sudhir Batchu, M.D., Malti Gohel, M.D.

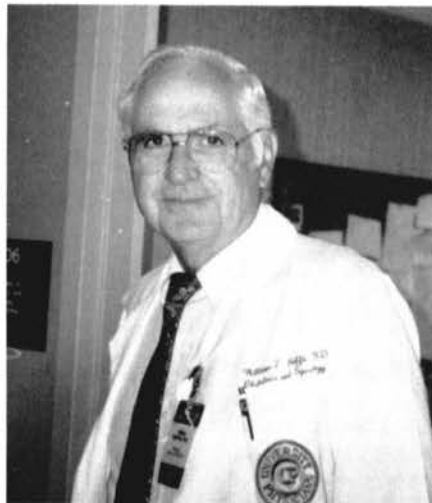
# OPHTHALMOLOGY



# OB/GYN



James Daly, M.D., Chairman



William Griffin, M.D.



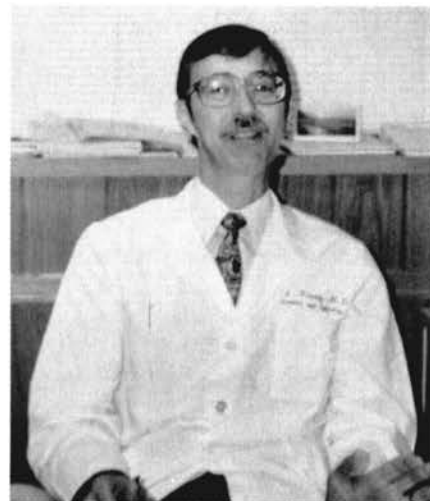
Alfred Llorens, M.D.



Scott Snyder, M.D.



John Gay, M.D.



Larry Penney, M.D.



Susan Winkelman, M.D.



James Sowash, M.D.



Mary Beth Benton, M.D.



George Fuchs, M.D.



Leslie Sackschewsky, M.D.



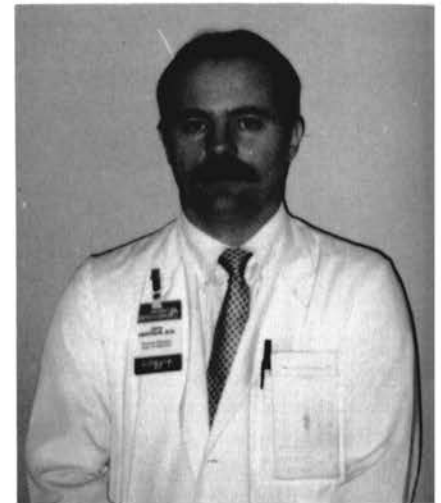
Lorraine Fincke, M.D.



Mark Grant, M.D.



Bob Smith, M.D.



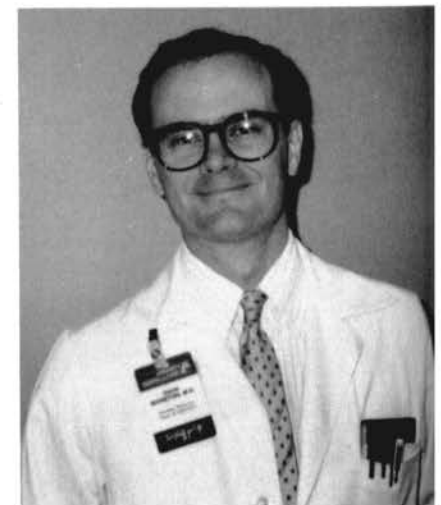
Jerry Obritsch, M.D.



Max Lungren, M.D.



Mike Burks, M.D.



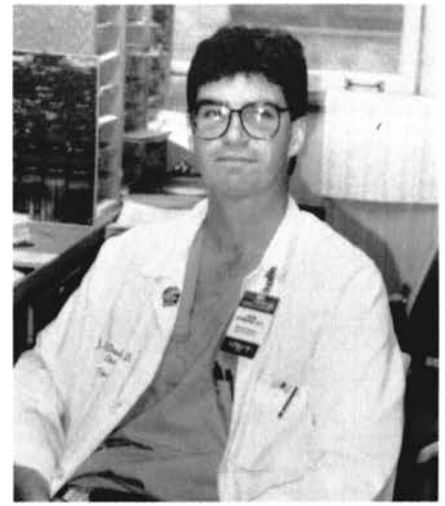
David Moreton, M.D.



Patrick Bruno, M.D.



Kathy Heilman, M.D.



James Downard, M.D.

## PM&R



Back Row: Russell Bond, D.O., Michael Acuff, M.D., Kevin Hill, M.D., Roger Thomas, M.D., John Marshall, M.D., Russell Cantrell, M.D. Front Row: Laurie Behm, M.D., Jennifer Clark, M.D., Lori Sapp, M.D., Renee Moss, M.D., Robert Wilson, M.D., Kevin Komes, M.D.



Robert Conway, M.D.



Susan Buckelew, Ph.D.

# PSYCHIATRY



Bernard Beitman, M.D., Chm.



James Weiss, M.D.



Javad Kashani, M.D.



Theodore Henrichs, Ph.D.



Bruce Harry, M.D.



John Patterson, M.D.



Steve Soltys, M.D.



Jay Lensgraf, M.D.



Johnna Russel, M.D.



Joseph Lamberti, M.D.



Armando Favazza, M.D.



Karen Soltys, M.D.



Jeffrey Thiele, M.D.



Jose Jamena, M.D.



Syed Husain, M.D.



Mike Harris, D.O.



Tony Vaca, M.D., Ken Kallenbach, M.D.



Ann Genovese, M.D.



Reggie Givens, M.D., Alex Natividad, M.D.



Robert Sarrazin, M.D.



Debabrata Saha, M.D.



William Pepmueller, M.D.



Syed Mumtaz, M.D.



Madan Mohan, M.D.



Kathy Kostal, M.D.



Beatriz Marfori, M.D.



Usha Manusmare, M.D.



Tom Eppright, M.D.



Nicodemus Garcia, M.D.



Lori Breedlove, M.D.



Bob VonGunten, M.D.



# RADIOLOGY



Robert Churchill, M.D., Chairman



Terry Hoyt, M.D.



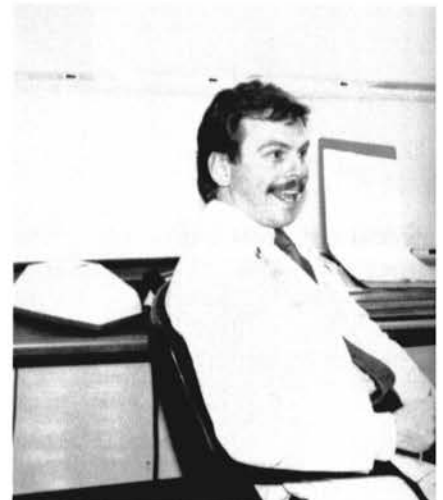
Richard Marsan, M.D.



Geoffrey Beale, M.D.



Clive Levine, M.D.



Nathan Kester, M. D.



Richard Holmes, M.D.



Jimmie Dean Coy, M.D.



Mark Farnham, M.D.



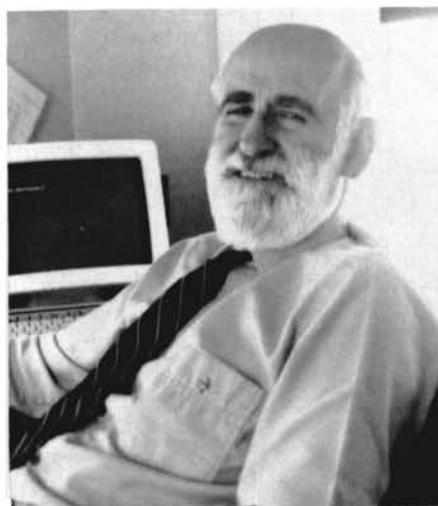
Saiful Islam, M.D.



Mumata Kasal, M.D.



Amolak Singh, M.D.



John Cope, M.D.



Richard Seger, M.D.



Jeff Shore, M.D.



Patricia Whitworth, M.D.



Regina Valencia, M.D.



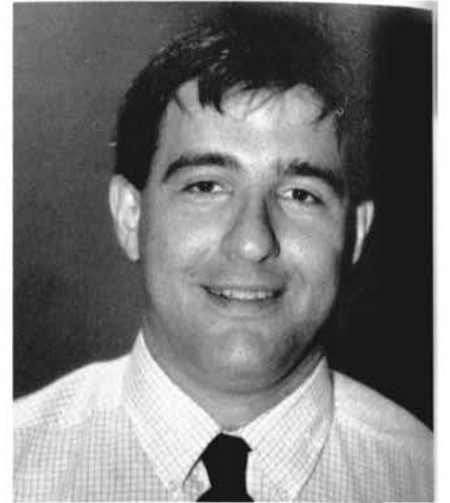
Mark Monroe, M.D.



Joel Hassien, M.D.



David Stoppenhagen, M.D.



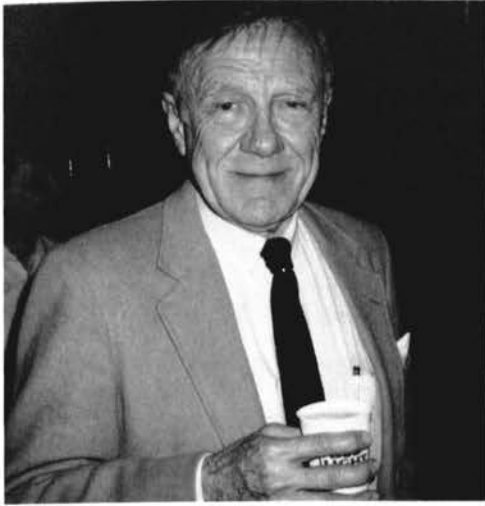
Eric Justin, M.D.



Jeff Patrick, M.D., Terry Elwing, M.D., John Williams, M.D.



# GENERAL SURGERY



Hugh Stephenson, M.D.



Frank Mitchell, M.D.



Mary Alice, M.D.



Michael Metzler, M.D.



Debra Koivunen, M.D.



Donald Silver, M.D.



Matt Concannon, M.D.



Paul Humphrey, Carson Agee, Piergiorgio Allegra, Paul Yazdi



Roy Elfrink, M.D.



Dion Chavis, M.D.



Colin Glascock, M.D.



Roger Huckfeldt, Ken Larson



Tim Anderson, M.D.



Michael Paul, M.D.



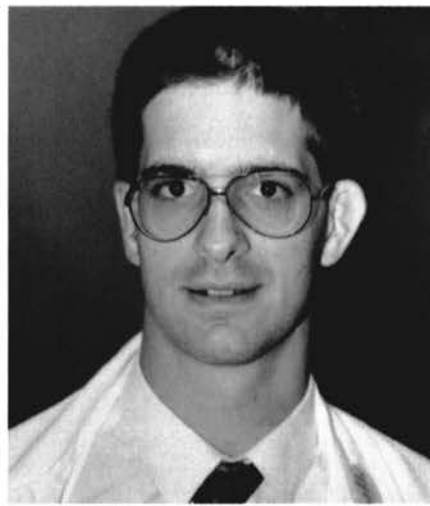
Michael Keller, M.D.



Ron Rumpf, M.D.



Bob Callaluce, M.D.



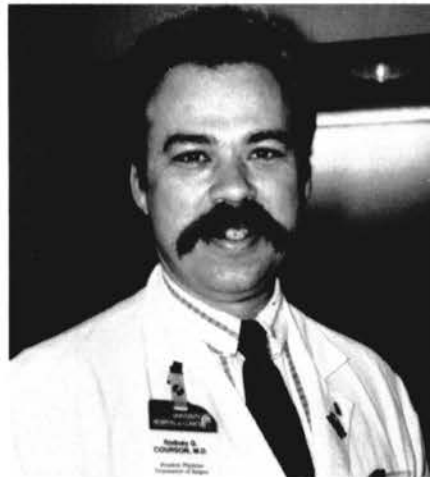
James Banovetz, M.D.



Chris Bagby, M.D.



Fig. 67. — The way to make a drowning person breathe.



Rodney Courson, M.D.



Boyd Terry, M.D.



Kurt Nichols, M.D.



Basil Georgi, M.D.

# CARDIOTHORACIC SURGERY



Richard Schmaltz, M.D.



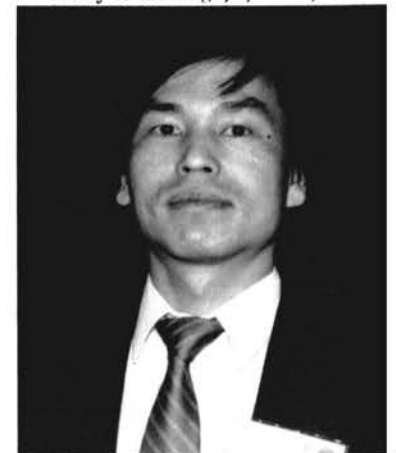
Jack Curtis, M.D.



FIG. 54.--The heart from in front. *a*, right auricle; *b*, left auricle; *r*, right ventricle; *l*, left ventricle; *p*, artery to the lungs; *o*, aorta;



Joseph Walls, M.D.



Chi Nawarawong, M.D.

# NEUROSURGERY



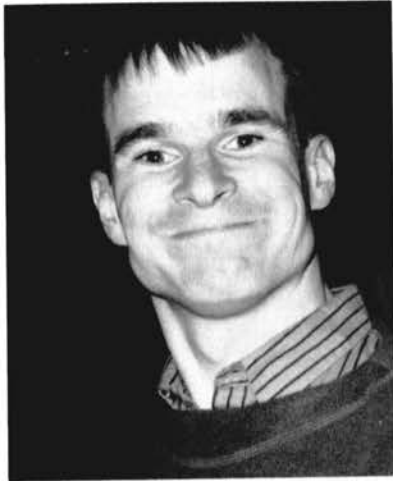
John Oro, M.D.



Howard Smith, M.D.



Greg Brandenburg, M.D.



Charles Bondurant, M.D.



John Ebeling, M.D.

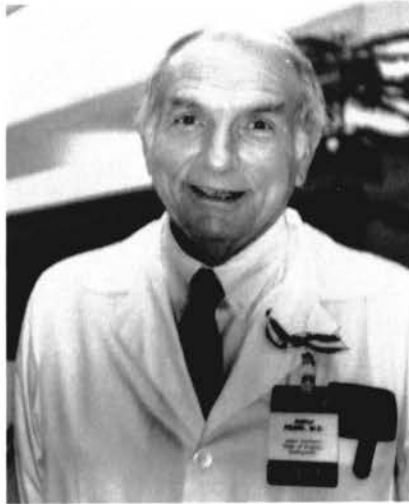




# ORTHOPEDICS



William C. Allen, M.D.



Frank Pearl, M.D.



Robert Gaines, M.D.



Barry Gainor, M.D.



Ben Holt, M.D., Steve Olson, M.D.



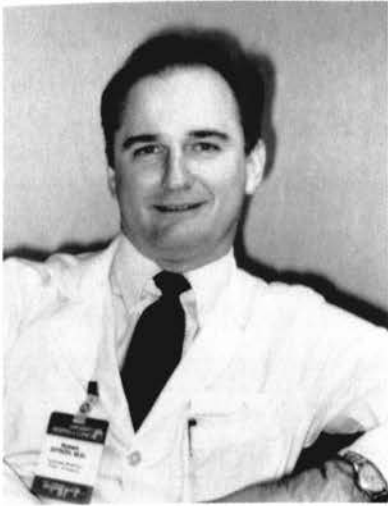
Gordon Groh, M.D., Michael Vessely, M.D.



Jeff Parker, M.D.



Jon Gehrke, M.D.



Robert Zitsch, M.D.



Scott Estrem, M.D.



William Davis, M.D.



Greg Renner, M.D.



Randall Black, M.D.



Joe Graves, M.D.



Bill Lamear, M.D.



Peter Shapiro, M.D.



Greg Campbell, M.D.



Bob McDonald, M.D.



Michelle Bleyntat, M.D.



Ted Benke, M.D.



Gary Nishioka, M.D.

# PLASTIC



Clinton Welsh, M.D.



Sam Vallery, M.D.



Byron Mullins, M.D.

# SURGERY



Loy Pucket, M.D.



Carla Garrison-Kester, M.D.



Jeff Poulter, M.D.

# UROLOGY



Dana Weaver, M.D.



Steve Weinstein, M.D.



Gilbert Ross, M.D., Chairman



Michael Severance, M.D.



Lance Pickard, M.D.



Jay Patel, M.D.



Walter Holloway, M.D.



Felecia Froe, M.D.



Steve Miller, M.D.



Scott Michener, M.D.

# STAFF CANDIDS



Bill Lamear, ENT



Felicia Froe, R4 and Rick Holloway, R5 - Urology



John Yarbrow, Don York, and Douglas Griggs



Kelley Hersey, Child Health, has beeper blues.



Michael Stiffman, FP

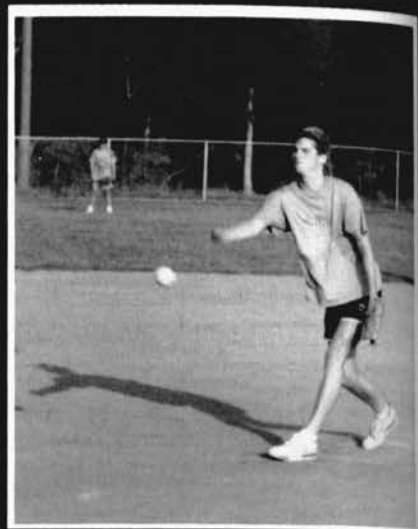
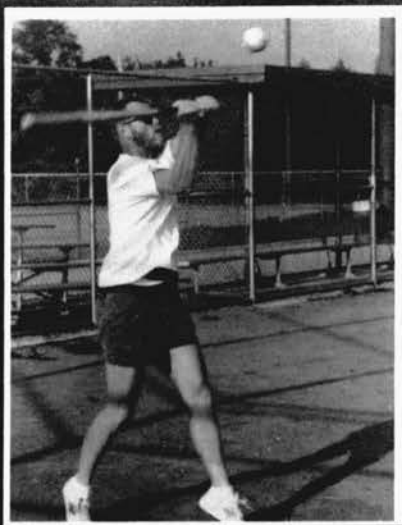
NICU Rounds



Mitch Rosenholz trying out for the Northstars.

# STUDENT SECTION





# ALL SCHOOL





# FALL PICNIC







Mark usually blames his farts on the dog.



Barb Grunner having a ball at the school picnic.



Jenny Herfkens tries to figure out her wedding present from the management of the old Un.



M-3 Feeding Frenzy



Lisa Beer-get



What? No bow tie for Jerry?



It really *does* taste like anchovy paste.



Strike 3, you're out.



Jane, Jen, Pat, Barb, and Dan protest the war in Iraq.



Balloons and smiles.



Page Potter asks dad, Troy, "Why is Dr. McCallum passed out on the ground?"



Want some candy little girl?



Dan and Edie try-out for a toothpaste commercial.



Leigh Ann officially sanctions the 1991 yearbook picture of Stephanie Womack.

# The Year in Review

How soon we forget . . . while we were studying anatomy, biochemistry, medicine and surgery we sometimes noticed medical events making news, but how much were we aware of the current events taking place around us? This is a synopsis, biased though it be, of some of the years events outside of medicine. We can also wonder whether, in ten years, if any of these major events of the day will then mean anything or remind us of this past year of medicine.

**IRAQ.** Iraqnophobia, as one commentator called it, was the pervasive theme of this year. August 2, as M-1's were trying to figure out where S-261 was, Saddam Hussein was invading Kuwait, claiming it as Iraq's 19th state. In the months that followed, a multinational force led by the United States bolstered Saudi Arabian defenses, fearing that Hussein would invade it next. United Nations' resolutions were passed ordering Hussein out of Kuwait. An ultimatum was eventually issued, and Hussein called the worlds bluff. In mid-January, war was begun with massive air strikes. In February, a ground war was started which lasted only four days, with the formidable Iraqi army crushed in a complete rout. The war was over, but there was much to do in the following months. At press time, the troops are just beginning to return home.

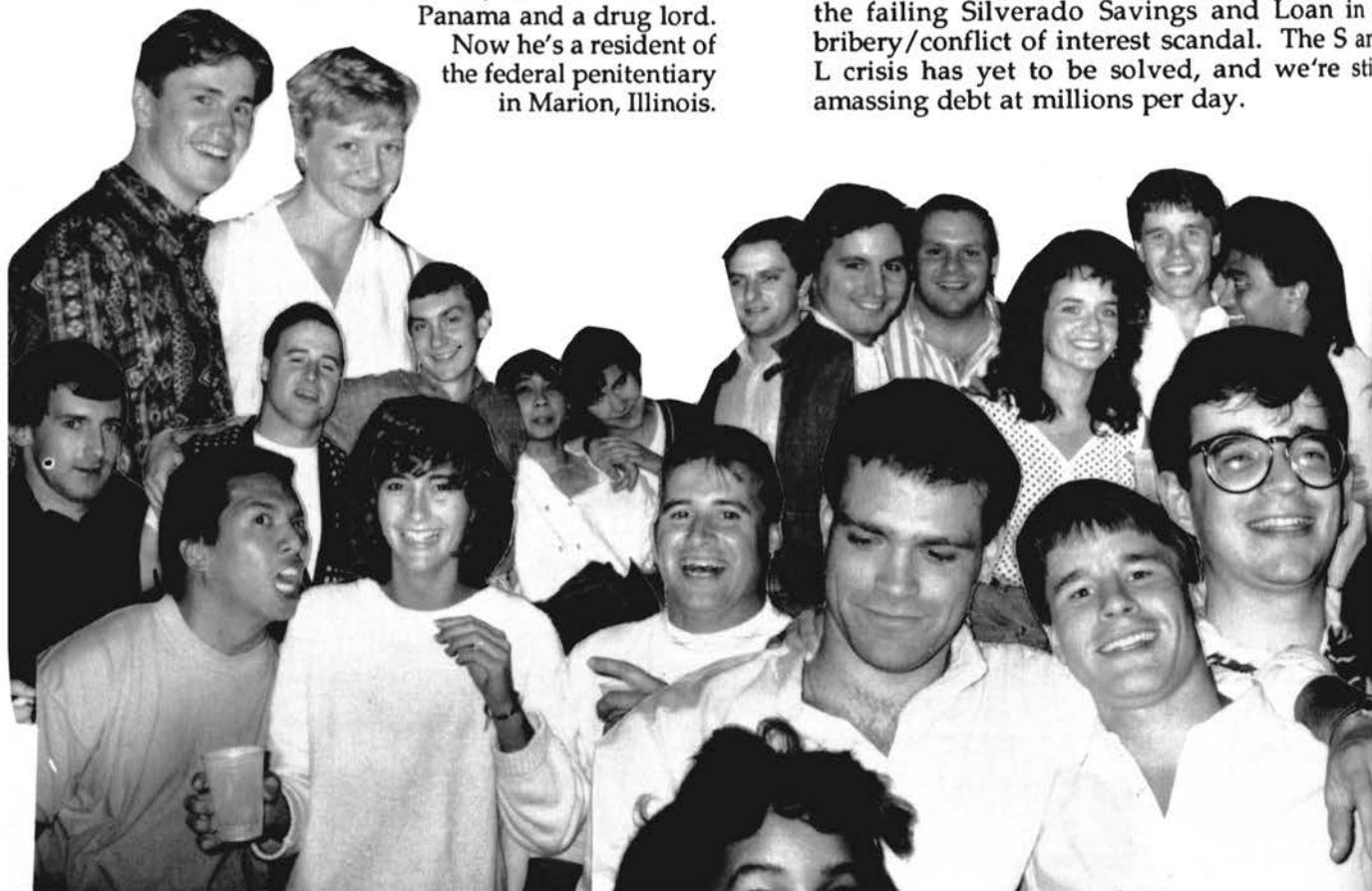
**MANUEL NORIEGA.** Once, he was a leader of Panama and a drug lord. Now he's a resident of the federal penitentiary in Marion, Illinois.

**LATVIA, LITHUANIA, ESTONIA.** The Baltic republics of the Soviet Union each have tried to declare their independence from Moscow, but without success. Gorbachev resorted to using force to put down uprisings, drawing only mild condemnation by the Western world which was embroiled in the Persian Gulf.

**BORIS YELTSIN.** Is he Gorbachev's nemesis or just a flash in the pan? Only time will tell, but Boris Yeltsin made world headlines when he resigned from the Communist party. He was elected president of the Republic of Russia and continued to push Gorbachev for further reform. He had almost as many supporters as he did enemies, but he definitely knew how to get attention.

**EAST AND WEST GERMANY.** The Germanys merged with a surprising lack of interest on our part. After the tumbling of the Berlin Wall in 1989, the economically stressed Soviets withdrew their army, writing the final chapter of WWII. The rest of Europe watched with some anxiety as reunification drew near. Would Germany emerge as an even greater economic threat than West Germany had been previously? What will be the fate of East German women's shot putters jokes?

**KEATING FIVE.** No, they weren't the latest group to hit the charts. These five senators were linked to Charles Keating, president of the failing Silverado Savings and Loan in a bribery/conflict of interest scandal. The S and L crisis has yet to be solved, and we're still amassing debt at millions per day.



**DONALD TRUMP.** Only crocodile tears were shed when it was learned that "The Donald" wasn't quite as rich as he had purported. Rather than billions, Trump was down to a few million dollars. This bit of information was uncovered in the midst of his divorce from his wife Ivana. Yes, indeed, Trump went from "The Art of the Deal" to "Brother, can you spare me a dime?"

**IBEN BROWNING.** He predicted that the city of New Madrid, Missouri would be the center of a major earthquake on December 3, 1990. He claimed to have predicted the San Francisco earthquake and other natural events. The press, not pass up a good story fanned the public into senseless hysteria. Life in New Madrid goes on.

**MARION BARRY.** The former mayor of Washington D.C. was found guilty for possession of cocaine and entered a drug rehabilitation program. Our nations capital has the dubious distinction of the highest murder rate in this country.

**NANCY CRUZAN.** She was the focal point of a right-to-die case that went before the Supreme Court. She had been in a persistent vegetative state since a car accident seven years ago. Her parents wished to follow through with her stated desire to not live in such a condition. The Supreme Court ruled that with sufficient evidence of the persons wishes, removing such life support was legal. She died December 24, 1990.

**NEW MADRID.**  
See Iben Browning.  
New Madrid, still  
the same as it  
ever was.

**MARGARET THATCHER.** After serving eleven years as Britain's prime minister, the "Iron Maiden" resigned from office amidst party squabbling. All was not lost as her choice of successor was named as the new prime minister.

**VACLAY HAVEL.** No, he is not a chess champion as one classmate said. After forty years, Czechoslovakia held its first free elections. Vaclav Havel was elected the new president. Formerly a political prisoner, he now had the enormous task of rebuilding his country.

**NELSON MANDELA.** South Africa's new president, F. W. DeClerk, freed Nelson Mandela who had been a prisoner for twenty-seven years. Analysts tried to figure out of this was the beginning of the end of apartheid or just a savvy political move. In any case, it soon became readily apparent that the African National Congress had problems of its own, even with Mandela back in action. Meanwhile, Winnie Mandella stands trial for battery.

#### OBITUARIES:

Jennifer Schaefer(Mrs. Thurston Howell III)  
April-91

Disco November-79

Hugh Beaumont(Ward Cleaver) May-82

Jim Bacchus

Mr. Howell III)

(Mr. McGoo,  
March-90



# TUITION:

## How much is a medical education worth?

Something's terribly wrong with fees and stipends at the University of Missouri. A second year student will pay \$8082 tuition for the entire '91-92 year. Considering the other expenses and the loss of potential income during school, the financial commitment required to become a physician now makes it out of reach for many.

Looking back twenty years, a second year medical student paid \$250 for a full year, including activity fees. Tuition has increased by a factor of 32 in only twenty years. Granted, inflation was high in the seventies, but is this increase representative for this institution? To answer this question, it is informative to examine resident salaries. In 1971 a first-year resident at the University of Missouri made \$5500. Projecting the 32-fold increase in tuition to the 1971 R-1 salary, today's R-1's should be earning \$176,000. Not bad; if this were truly the case, a lot of MBA's would be flocking to medicine. To approach this from a different direction, the current R-1's earn \$23,700, which is 4.3 times their 1971 salary. If tuition had kept pace with this increase, students would be paying \$1077, rather than \$8072.

Shifting the financial burden onto the student has far-reaching effects. Graduates will be forced to choose a field

based on salary in order to repay massive debts. Fewer people will be able to enter primary care specialties, and only the wealthy will be able to attend medical school.

Personally, I would like to see our hospitals increase R-1 salaries to \$176,000. Think of the upsurge in applications; Departments would no longer have to worry about recruiting residents.

The people responsible for these tuition increases should be ashamed of their actions. As graduates of UMC, we should pledge to do our small part to watch-dog the University curators and state legislators, putting the pressure on to lower tuition and increase state support. We have to educate those around us, to make them understand why the state should fund our medical school at a level comparable to that of other midwest state universities.

Sincerely,  
Luke B. Sloan  
Editor



## TUITION & FEES FOR THIS YEAR'S GRADUATING SENIORS

	M-1	M-2	M-3	M-4
1987-88	<b>5866</b>	5866	6487	6404
1988-89	6182	<b>6182</b>	6930	6930
1989-90	6632	6632	<b>7370</b>	7358
1990-91	7127	7127	7920	<b>7876</b>

**Total tuition paid = \$27,294**

Still better than those following:

1991-92	8082	8082	8990	8876
---------	------	------	------	------

In 1987, the national mean debt of graduating medical students was **\$29,289**.

In 1990, the national mean debt of graduating medical students was **\$45,840**.



## CUTTING COSTS

In a new economy move, financial advisor Conway Jones has announced that Shakespeare's Pizza, the Sub Shop, and all bars will now be off limits to medical students. The savings will be enormous, according to Conway. Some students will reduce their expenses by as much as two to three thousand dollars per year. When asked how this would be enforced, an anonymous but large member of the Dean's Office felt that a brand or tattoo on each student would be best. However, for the present time they will start with a program entitled "Problem-based Learning", which will consist of 100 extra hours of lectures per year for first and second year students, most of which will be scheduled over the lunch hour. In addition, Saturday testing for the M-1's will be moved to 9:00 p.m. to further reduce bar attendance.

# M-1 CLASS



Blake Alexander



Tom Baker



Lauren Blackwelder



Dan Blaschak



Sally Bomar



Tom Brant



Sharla Brown



Meg Browning



Paul Bunge



Rick Burch



Jane Caldwell



Michelle Cameron



Stephanie Carron



Heidi Chua



Tom Ciolino



Chuck Conway



Candise Cope



Dan Coy



Laurie Day



Brian Deem



Laura Den Ouden



Suzanne Dugopolski



Carla Foster



Karen Franklin



Tama Franklin



Lisa Garza



Gerry Gerry



Steve Goerz



Jill Henley



Rob Hibbard



Chris Hicks



Jamie Hileman



Patty Hoffmann



Sara Holland



Barb Howard



Stephen Hunsley



Susan Hunze



Sherwin Inlay



Shannon Kelly



Natalie Key



Darla Kliethermes



Rick Knight



Karen Knox



Jenny Kruse



Sandy Kwan



Jenny LaBarge



Joel Lane



Gerald Lionelli



Noel Lumpkin



Nancy Mabe



Mike McFadden



Matt McGlothlin



Joel McKinsey



Jonh Miles

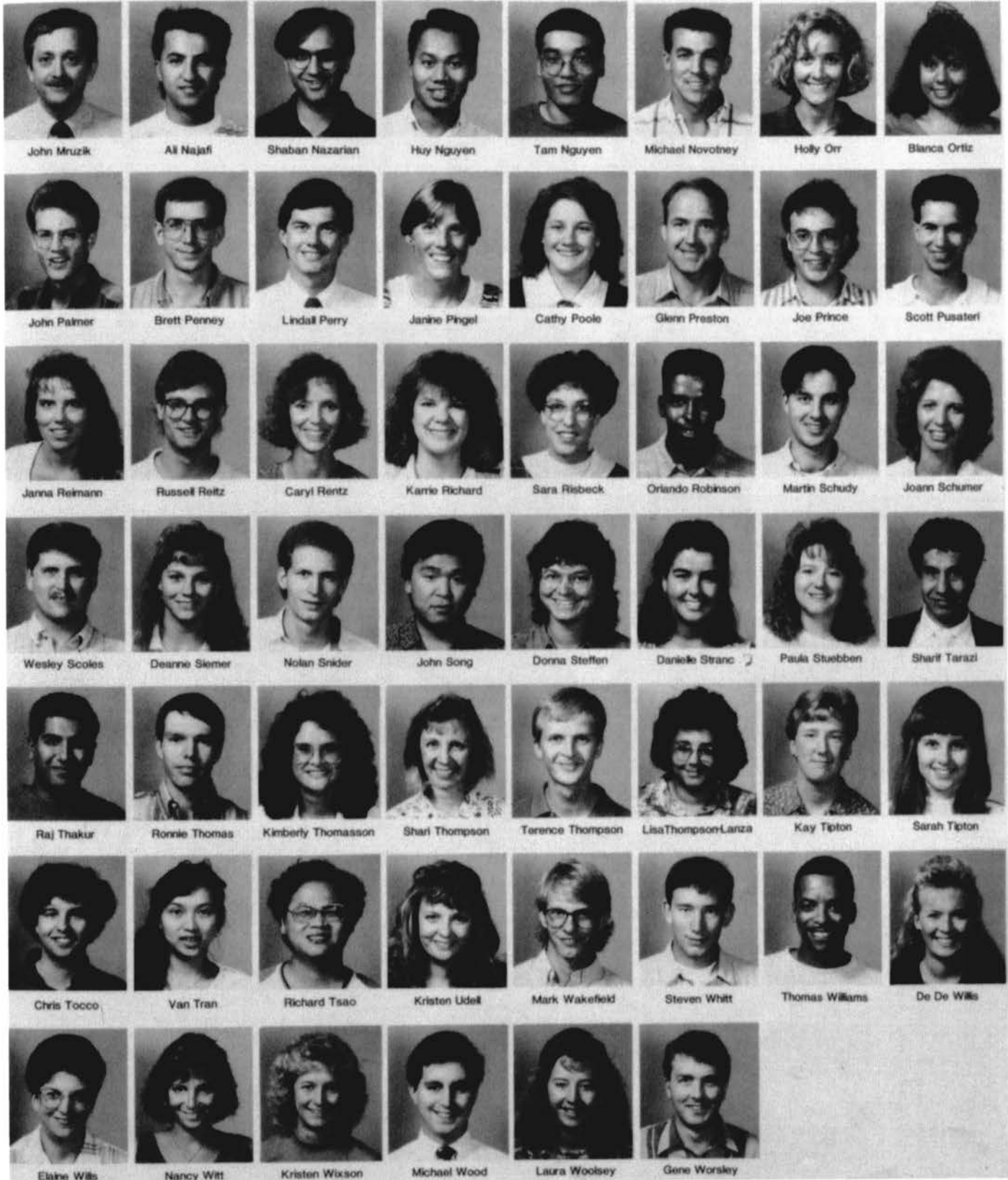


Dana Miller



Tim Miller

# OF 1994





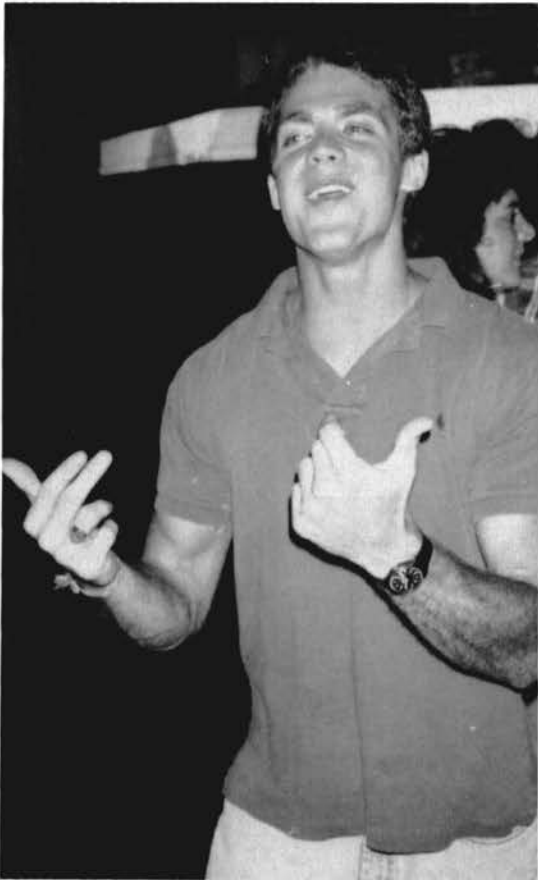
# M1 Candid



Get away from here! (Darla K.)



Karen Knox and her main squeeze.



Yo! Yale sucks!! (Rob H.)



THE THREE AMIGOS (Lisa G., Raj T., Blanca O.)



Are you sure there's a basophil on this slide? (Laura D.)



Huy skis Mid-MO. (Huy N.)



Jenny LaBarge discovers environmentally safe horse fly repellent.



All those brains and domestic too! (Jill H.)



He did IT! No, she did IT! (Tom C., Karen F.)



Paula Steubben soaks up the rays in the M-1 lab.



**THE JUNE CLEAVER HISTOLOGY CLUB!**  
(Barb H., Laurie D., Caryl R., Joann S., Carla F.)

# LAB A



First Row: Nancy W., Patty H., Sara H., Candice C., Sharla B., Jenny L., Susan H. Middle Row: Tama F., Jane C., Jill H., Deanna S., Noël L., Karen K., Heidi C., Huy N. Back Row: Tim M., Blake A., Brian D., Joel M.



You're gonna put that stimulator where?  
(Blake Alexander)



Someone help us with these graphs, PLEASE! (Natalie K., Noël L., Karen K., Susan H.)

# LAB B



To produce asphyxia, squeeze the trachea and ... (Joel Lane)



Can someone tell us how to operate this ★!?!&★ machine?! (Carla F., John M., Tam N.)



First Row: Nancy M., John M., Sally B., Carla F., Tom C. Second Row: John M., Rob H., Lisa G., Sherwin I., Natalie K., Laura D., Tam N. Back Row: Jenny K., Lauren B., Joel L., Steve G., Dan C.

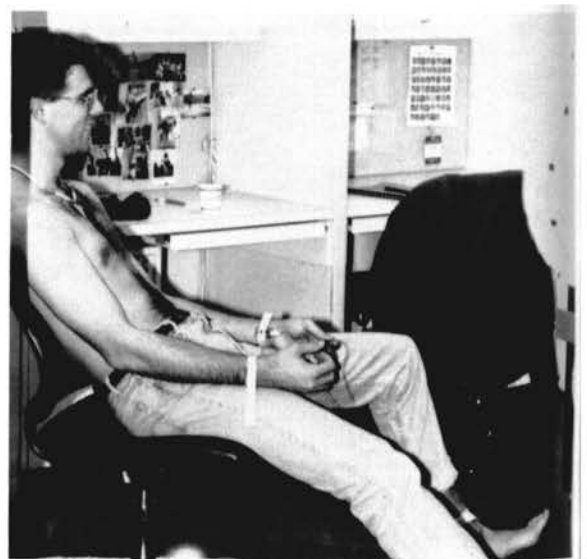
# LAB C



First Row: Shannon K., Matt M., Ali N., Richard B., Laurie D. Second Row: Gerry G., Sandy K., Ger L., Chris H., Thomas B., Chuck C., Suzanne D., Dana M., Mike N. Back Row: Rick K., Tom B., Steve H., Meg B.



Sandy Kwan and Suzanne Dugopolski enjoy a lighthearted moment.

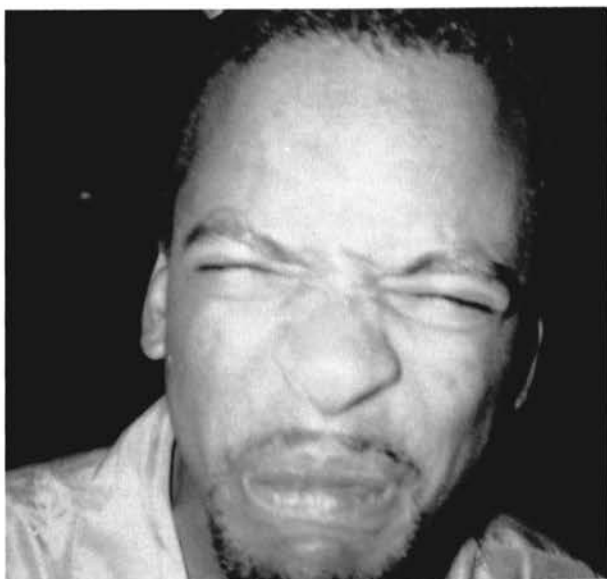


You aren't really going to use that whip, are you?  
(Matt McGlothlin)

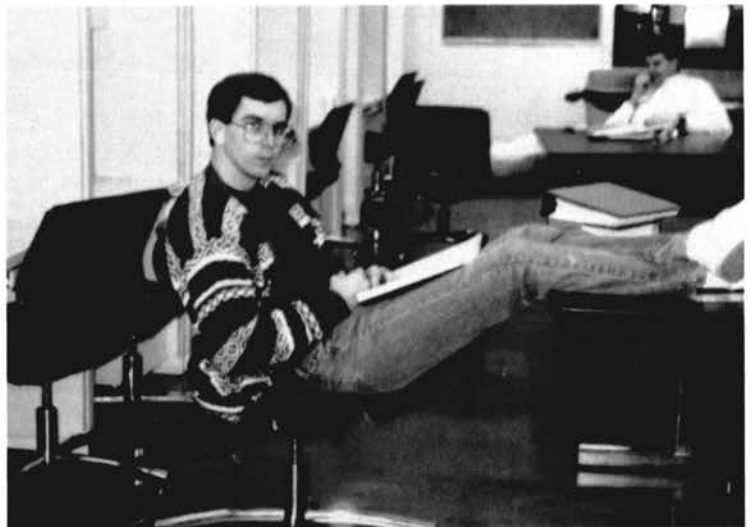
# LAB D



First Row: Brett P., Caryl R., Mark W. Second Row: Alicia T-L., Cathy P., Van T., Elaine W., Donna S., Holly O. Back Row: Shari T., Laura W., Kay T., Barb H., Sharif T.

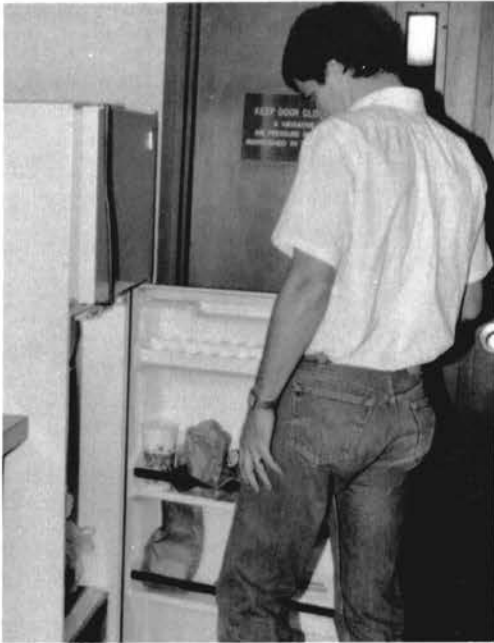


Eau de Formaldehyde?! (Thomas W.)



The man with 30-62 pants! (Britt P.)

# LAB E



LEFT: Extra credit: Identify the fungus in the fridge. (Lindall P.)  
ABOVE: Turn the CAL-USE-CAL button to where? (Chris H., Sara T., Terence T., Steve W., Richard T.)



First Row: Stephanie C., Blanca O., Raj T., Sarah T., Chris T. Second Row: Janna R., Kim T., Danielle S., Nolan S., Jamie H., Mike W. Back Row: Karrie R., Wes S., Terence T., Lindall P., Steve W.

# LAB F



Front Row: Joe P., John P., Martin S. Second Row: Janine P., Paula S., Ronnie T., Kristen U., Sara R., Russell R. Back Row: Mike M., Richard T.



Let's harvest an organ!



What university is this? (Kristen U.)





Ali surfs Taco Bell.



It's ten o'clock, do you know where your mother is? (Caryl R.)



What the hell do all these ion channels mean anyway? (Mike N.)



Like totally - OUR L.A. BABE (Danielle Stranc)



Anatomy — the eternal class!



**CLASS OF 1994 CHORUS LINE**

(Lauren B., John P., Tama F., Karen F., Michelle C., Ger L., Paul B., Brett P., Nolan S.)



To make a noose, take a long piece of wire, and . . . (Natalie K., Steve G., Karen K.)



Well, it's not the Sports Illustrated Swimsuit Issue, but . . . (Blanca O.)



The FRESH PRINCE of Columbia! (Joe Prince)



Above: What do you know, osmosis does work! (Susan H.)  
Right: And now Suzanne models the latest in M-1 wear.  
Below: The M-1's own version of "thirtysomething".





Are you sure this is an optional physiology lab? (Ger L., Karen F., Laura D., Tama F., Paula S.)

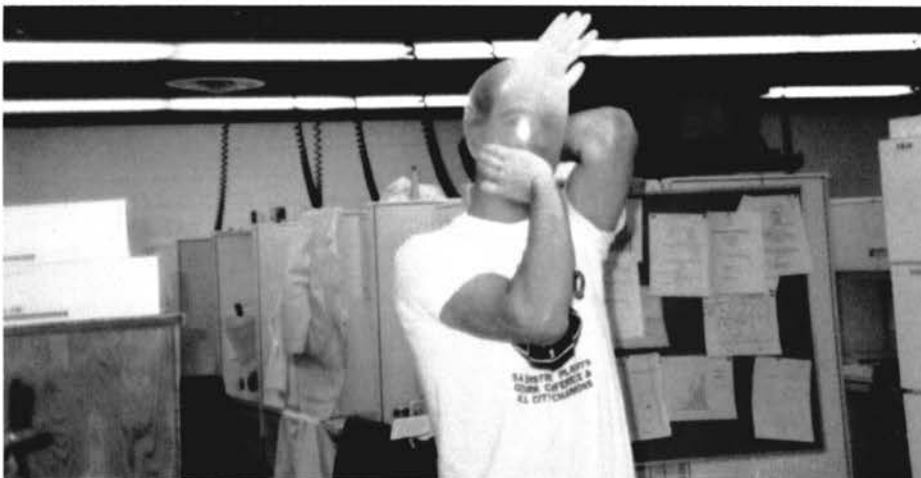


Who ya gonna call? STUDBUSTERS!! (Chris T., Mack W., Ali N., Joe P.)



ABOVE: Let's go shopping! (Heidi C., Huy N., Sharif T.)  
RIGHT: You're cutting off my circulation! (Lisa G., Joel L., John M.)





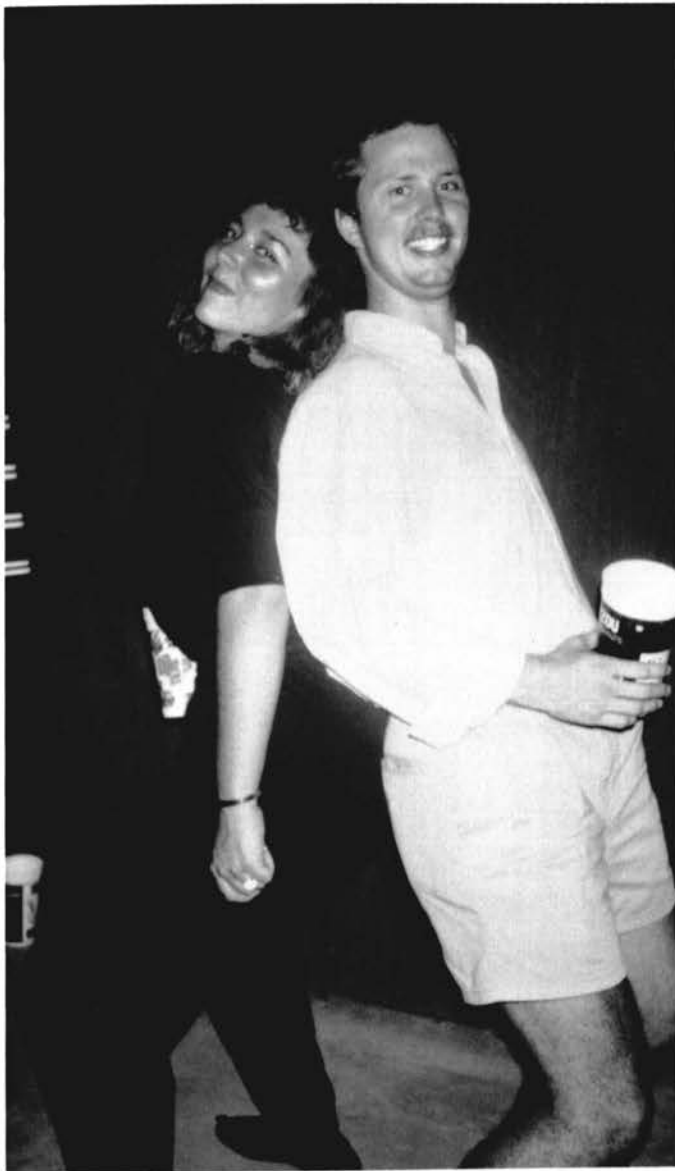
ABOVE: Post exam bash. (Steve W., Sarah T., Kay T.)  
UPPER LEFT: The M-1 Sorority girls (Jill H., Holly O., Nancy W., Sara H.)  
CENTER: Better not give up your day job!! (John M., Brian D., Lindall P.)  
BELOW LEFT: Scott Pusateri discovers a new use for rubber gloves!



Tom Brant and his Ducky! (Lisa G.)



"CATFIGHT!!" (Susan H., DeDe W.)



Dancing cheek to cheek (Tama F., Steve G.)

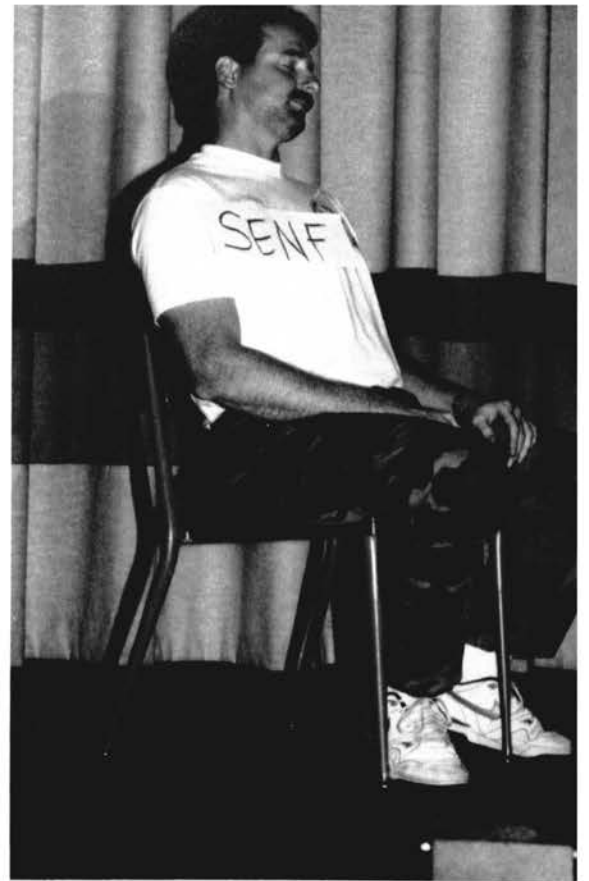


M-1's on wheels! (Karen F., Ger L.)



THE END!!

# A- Review



Above: Denise Jackson IS Okra Wimpy. Right: Bill Senf (Don Morris) explains his kinder, gentler way of handling cheaters.



M-2's displaying M-1 Antigens (Andy Harrison, Holly Hite, Steve Tucker, and Jeff Thompson)



De De Willis has to choose one of the three stud bachelors to keep for her very own. (Matt McGlothlin)



Don Morris (Grant Piepergerdes) is Godfather of the M-2s even to Matt Tiefenbrunn. (Kevin Dishman)



Center: Dr. Sandy Sharp (Barbara Gruner) demonstrates that A-Review is the bridge that connects the M-1s and M-2s. Left: Deborah Weems unveils the truth behind our Profs. Below: The Three Bachelors: Mr. Wimp (Brett Penney), Mr. Jerk (Mike Maurizi), and Mr. Hot-Shit (Rob Hibbard)







Kevin Dishman, affectionately known as The Kitchen, acts as M.C.



Steve Tucker demonstrates an old favorite, Erotica Asphyxia.



Diane Schoentag (Andrea Arvan) elaborates on her opinion of "Stinking Cheaters" to Okra Wimpy (Denise Jackson)

Rt: Doug Mills displays his talent on the guitar. Center Page: Dr. Has Been (Bob Stanley) reveals the mystery of life (GOD is a surgeon)

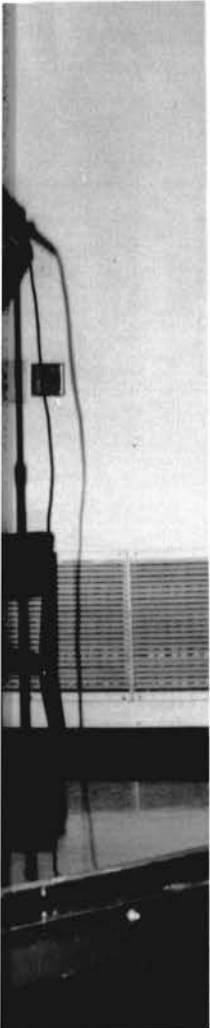




Mike Maurizi (Rick Knittig) is "assisted" by his Fuji Massage Parlor favorite girl (Jim Kurz)



Dr. Duncan (Stephanie Carron) responds to Dr. Dunkerly's lecture.



**Sarcoma Botryoides**  
What else is there to say?

# M2 Candid

## Seize the Moment

We all must come upon a crossroads at some point in our life. Perhaps, in a sad way, it is our loss of innocence. It is like finding out that there is no such thing as a Santa Claus or an Easter bunny, that magic is a visual lie, or that wishes don't necessarily come true by blowing off seeds from a dandelion. As we progress in our years, we find out more about life that makes us appreciate the blissful ignorance of our childhood. Properitius stated it with sadness attempting to grasp stoicism, "Me dolor et lacrimae merito fecere peritum . . . (Experience is mine at the cost of tears and suffering . . .)" There are many stressors that a medical student faces such as studying for hours on end, receiving unsatisfactory grades, and being hung up on social and intellectual insecurities by fabricating more inadequacies than we need. This combination of intellectual drive and social harnessing leads to a somewhat cynical individual; so they say. Students are but mere pawns in a chess game between society's wants and the administration's demands with no room for achieving their own definition of self. But I say otherwise.

As I look towards entering my clinical years, I look back nostalgically at my suffering and in a perverse way of how I enjoyed it. This year of serving as the M-2 class president has taught me a great deal, not only about organization and how to deal with groups of people or public speaking, but about my own character and that of my classmates. I have faith in all of us. We have strived for a common goal, helping each other along the way, and each still chiseling away at sculpting themselves as a unique individual. We have stood up for what we believe in despite the consequences. "Mea mihi conscientia pluris



Elvira visits the sperm bank. Tassie and Deborah as siamese twins, "It's awkward at times, but it makes sex interesting."

est quom omnium sermo. (My own conscience is more to me than what the world says. — anonymous)."

Dostoevsky, in *The Insulted and the Injured* (perhaps written about medical students), states, "It is not the brains that matter most, but that which guides them — the character, the heart, generous qualities, progressive ideas." Medicine encompasses truth and love as its basic tenets in its study and practice. Most of us holding these beliefs close to our character came here seeking to perfect it within ourselves and use these healing arts to express it. This will truly be an accomplishment. There are many things in life that take us down, but once in a while we find something that is uniquely pleasant and changes us. Seize the moment; for it may not come again. Keep that passion and optimism that makes us work for what we believe in and keep believing. "Why abandon a belief merely because it ceases to be true. Cling to it long enough, and . . . it will turn true again, for so it goes." — Robert Frost. As long as we are surrounded by kids and dandelions, Santa Claus and the Easter bunny will continue as will magic and hope for wishes blown in the breeze.

Mustafa Kabeer





Lt: Back alley HLA testing (Bill James, Renee Boulicault). Above: Crystel visits the sperm bank; Bill Senf, a proud father. Center: John Richart is displeased with his Path grade (Michele McNally).



*Life is mostly froth  
and bubble,  
Two things stand  
like stone,  
Kindness in another's  
trouble,  
Courage in your own.*

— Adam Gordon  
“Ye Wearie Wayfarer”



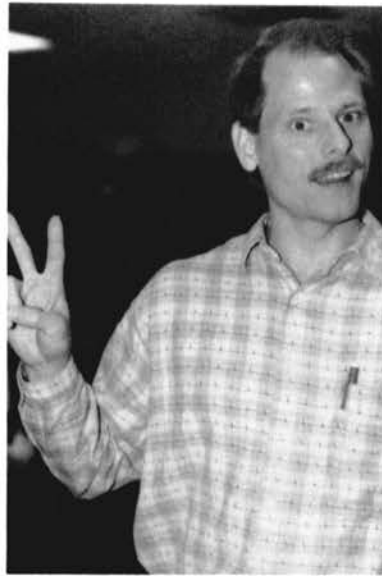
Above rt: How Deborah pays for her tuition. (Bill Bentz). Above: The real reason Stephanie McGrath has a black eye (Atul Rajpara).



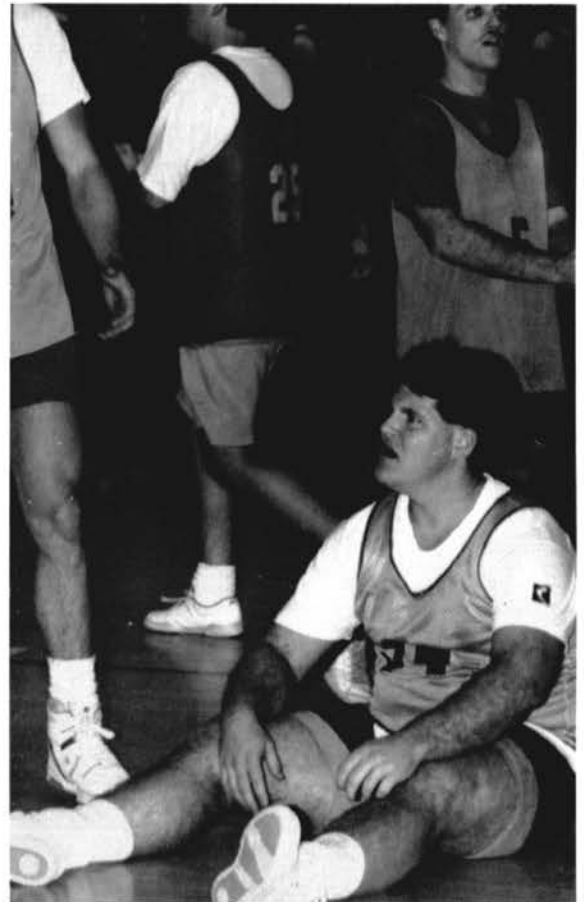
Back Left to Right: Dave Humphrey, Ron Blackmore, John Richart, Kevin Dishman, Dr. Quesenberry, Brian Mahaffey, Steve Haggerty, Diane Schoentag, Pat Collins, Mustafa Kabeer, Susan Orth, Steve LaBarge, Marcel Ajah, Mou Gillian, Jeff Thompson, Crystel Knierim.



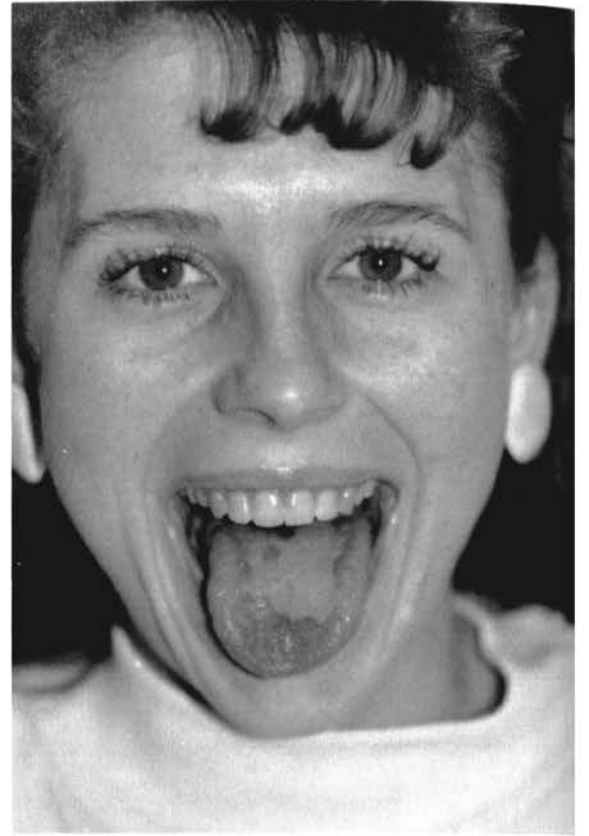
Above Left: Jeff Thompson ponders "why won't these women give me any?" (Mou Gillian, Jane Yang). Left: Sensing Moose Kabeer was going to move in on his date, psycho shoves a catcus in his ear (Susan Boyer, Dave Humphrey). Above: "Come on, trust me, it won't hurt a bit!" (Rick Knittig)



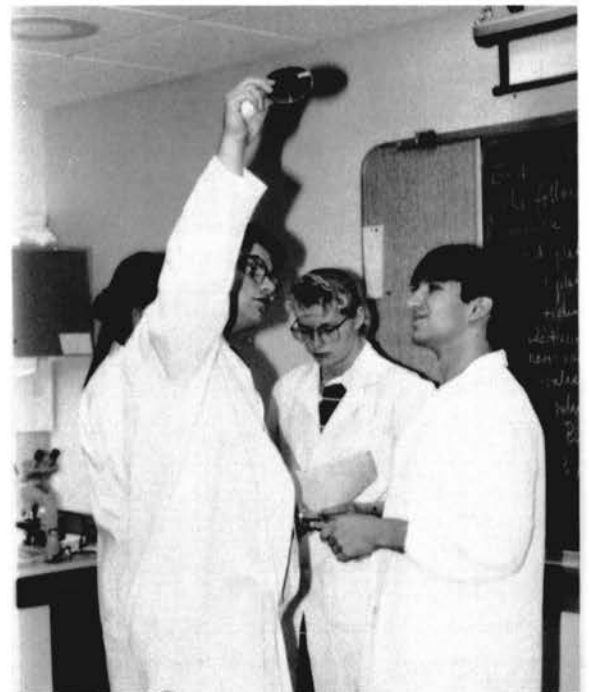
Above Left: "Excuse me, sir, would you like to donate sperm?" (Decha Enkvetchakul, Kevin Jones). Above Center: Doug Mills demonstrates vaginal-rectal exam, "I can't wait to try this at home." Above Right: "Is this the tail of Spence?" (Elvira Vazques).



Above Left: The back row showing their better side. Above: "Mo-o-o-o-m, he took my ball!" (Brian Mahaffey)



Top Lt: Kim Crawford laments, "Men . . . they're always trying to stick me." Lt: Looks like Dr. Turner, walks like Dr. Turner, must be Dr. Turner (with a toupee: Don Morris, Steve Tucker, Paul Gosal). Above: Geographic tongue (or Laurie Fowler licks the world).



Lt: "Well, Steve, there's always law school." (Steve LaBarge, Dr. Rosenholtz) Above: Raise your hand is you're sure . . . oops, big mistake, Mike. (Michael Phillips, Renee Boulicault, Andy Harrison)



When Matt Tiefenbrunn gets drunk, he forgets they like it big.



The official **Moose Salute**.

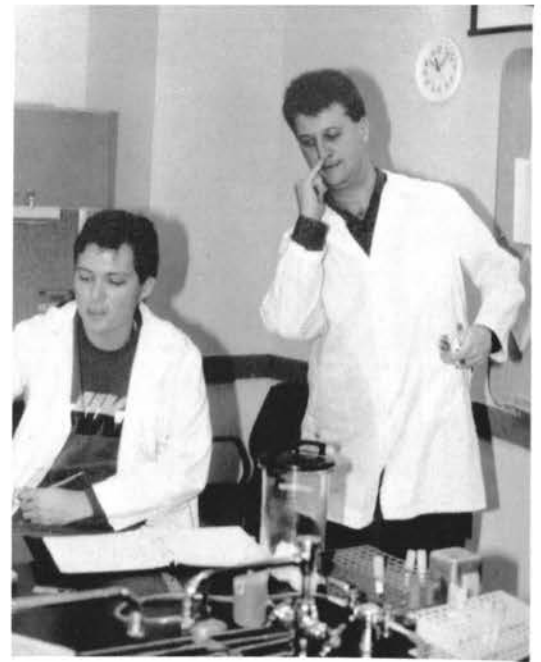


Babak Roboubi says, "Kiss me, you fool, and then my zebra."

Back Row Lt to Rt: Jim Kurz, Charles Mace, Vincent Venturella, the top of Peter Schoch's head, Cully Bryant, Jack Hopkins, Jeff Raines, Jeff Gao, Kevin Jones' ear, Pat Sweeney, Mark Smith, Dr. Monica Zill, Santosh (and his lips) George, Russell Burton, Diane Eschmann, Manjusha Gupta, Stephanie McGrath, Barbara Dietrich.







Above Lt: Once again, Bob Stanley gets a clothespin stuck in his eye.  
 Above: "E-e-w-w, someone told me these were chocolate filled" (Barbara Gruner). Below: Dean Mayer plays hard ball.

"Hey, Allen, culture this." (Allen Walker, Carl Peters)



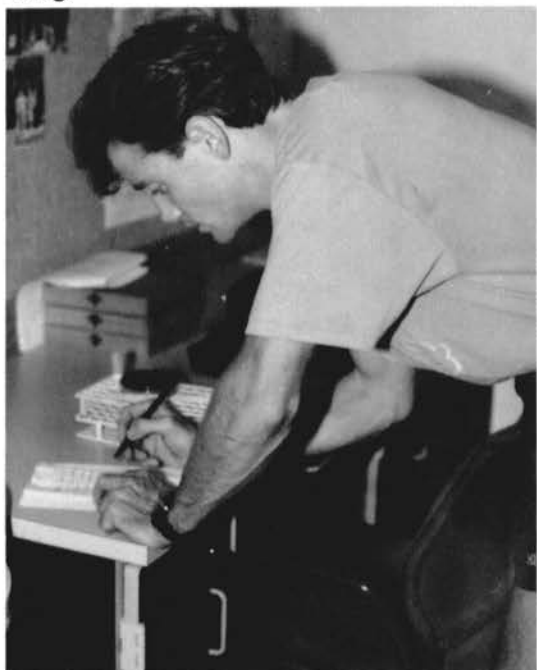
"Wow, this must be Carl Peter's culture!" (Bark Sak)



Above: You can't even see her lips move. (Rebecca Gould, Roger Woods). Rt: Joe Galate and Beth Swaykus see how bacteria "make it."



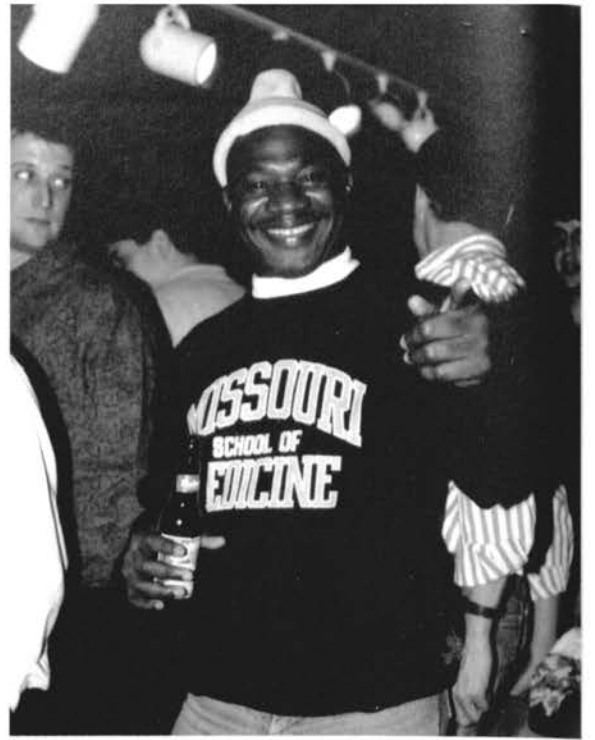
Back Lt to Rt: Beth Swaykus, Mary Beth McCoy, Barbara Gruner, Todd Lucas, Dr. Linda Spollen, Carol Morcos, Dave Olson, Angie Brown, John Delzell, Rebecca Yale, Tony Berni, Phuong Nguyen, Elvira Vazques, Decha Enkvetchakul, Jane Yang.



Above: "Dear Mom, I hate it here; they never feed us . . ." (Tony Berni). Above Rt: Definition of a snack pack: two short of a six pack (Andy Harrison, Jeff Thompson, Steve Tucker, Bill James). Rt: Jordan Metzl attempts the first trans-tympanic brain biopsy on his witless subject Chris Andershock.



Tassie Bader, Sharon Curtis, and Denise Jackson wonder, "Where can we find a man that can fit this condom . . .?"



"... Marcel Ajah, the dickhead."



Above: Roger: "Jane, is that weird guy still back there? Grant, try to get rid of him." (Mark Boschert, Jane Yang, Roger Woods, Grant Piepergerdes). Below: Fix-A-Dent and forget it! (Andy Harrison, Manjusha Gupte).





***THIS IS THE WAY WE DO IT IN THE MARINES***  
(Pat Sweeney, Mike Maurizi)

Above Rt: Pam Sullivan practices the rectal exam on an orange. Lt: The Jolly Green Giant and his playmates (Bill Senf, Kim Crawford, Santosh George, and Jim Kurz). Below: The meeting of the dummies.



*Don't have a cow, man. — Bart Simpson.*

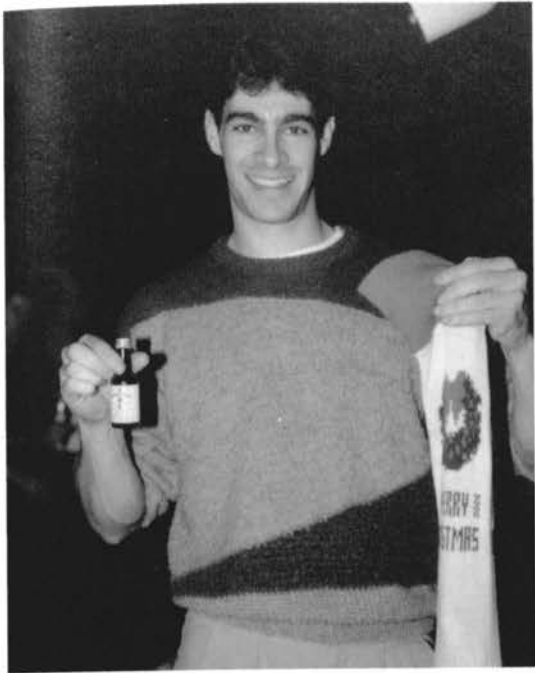


Above: Michele Sandberg asks, "Wanna see what's in my pocket?" Lt. John Delzell and Rebecca Yale do micro.



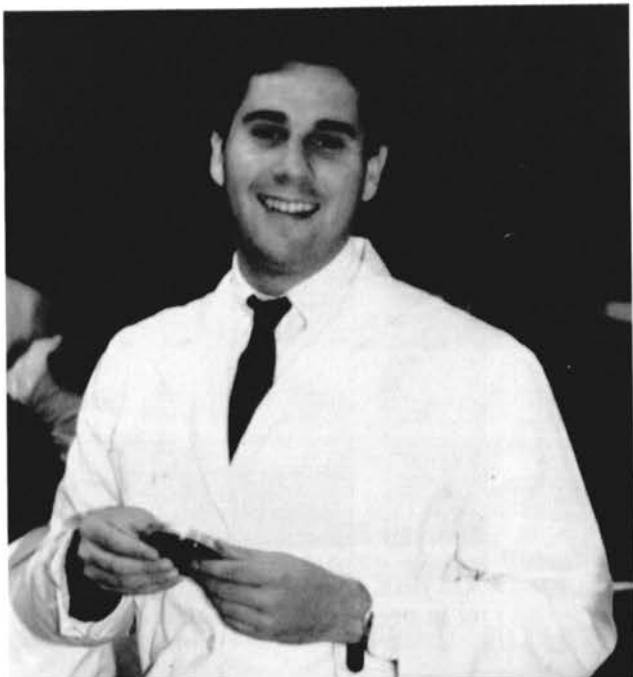
Back Lt to Rt: Rebecca Gould, Dean Mayer, Stephanie Frisbie, Manish Suthar, Dean Norton, Atul Rajpara, Lowell Sensintaffar, Susan Boyer, Dr. Jay Dix, Grant Piepergerdes, Rick Knittig, and Sharon Curtis.





Above Lt: Bernie Esser: J.D., M.D. Auto Mechanic. Above Right: "I hate it when my spit strings like that," (Monica Chaudhary)

Above: Andy Wayne proudly displays what Santa Bill gave him for Christmas. Rt: Doug Mills, Diane Schoentag, Steve Haggerty, Bob Stanley, Ron Blackmore, Crystel Knierim, Rosalie Focken, and Jerry Mank of Club Med volleyball. Below: "I bet you didn't know I used to model underwear for J.C. Penney" (Tony Richmond). Bottom Rt: "Wanna come to my place and see my beeper?" (Bob Cox)  
*"Is it time to go home, yet?" — Any M2.*





Back Lt to Rt: Jon Lensmeyer, Lynn Elmer, Bart Sak, Bill James, Paul Gosal, Renee Boulicault, Don Morris, Michael Phillips, Joe Basler, Dr. Imi Bulatao, Deborah Weems, Andy Harrison, Steve Tucker, Kim Crawford.



The real reason Lowell Sensintaffar is sick before a test.



*Strut, pout, put it out; that's what you want from women . . . (Lynn Elmer)*



"Oh yeah, and then the camera squirts water in my face." (Joe Basler)



Above: Santosh George and John Richart satisfy their sweet tooth with a vengeance. Rt: "Now Dean, when you stick the needle in, try not to hit bone." (Dean Norton, Paul Lindner). Below: Bill Bentz is excited over his home pregnancy test, "Look guys, it's a go!"



"Looks like liver, must be lung." — Moose Kabeer



See related story on page 72.





Above Lt: "It was a simple case; the patient was a little horse." (Jerry Mank). Above: "Where do they put these slides, anyway?" (Angie Brown)

"... and then they took the cat by the neck..." (Stephanie McGrath)



Andy Wayne, Peter Schoch, Kevin Jones, Santosh George, Andy Harrison, Jon Lensmeyer, Jeff Thompson, and Jeff Edelman as the Buffalo Humpers.



Above Rt: Jon Lensmeyer explains, "Her dad's paying me." (Jon, Lisa Geffros). Above: Jim Kurz explains to his doctors how his "problem" arose. Rt: Cheri Landers doesn't believe Jim's story.



Above: Atul Rajpara moves in for the kill. Above Rt: "Dave, when I put my hand down, you will bark like a dog" (Crystal Knierim, Dave Humphrey). Rt: They're so sweet, I could puke (Diane Eschmann, Stephanie Frisbie, Gina Kidd).



Back Row Lt to Rt: Matt Tiefenbrunn, Jeff Edelman, Allen Walker, Carl Peters, Mark Boschert, Doug Mills, Babak Roboubi, Rick Bailey, Lisa Geffros, Michele Sandberg, Holly Hite, Dr. Bartlett, Tassie Bader, Robert-Rob-Bob Cox, Beth Gearhart.





“Dudes, my bacteria are the best” (Pat Collins)



“She can’t be looking at me, I’m married” (Charlie Mace)



“O-o-o-o, nice shirt!” (Barbara Dietrich)



Dean Mayer, Tony Richmond, John Delzell, Jim Kurz, Brian Mahaffey, and Matt Tiefenbrunn are the Galloping Girth.



Lt. “That’s why I wear Air-Nike.” (Manish Suthar). Above Rt: John Richart filters beer the “natural” way. Above: “Ladies, ladies, there’s enough for everyone.” (Carol Morcos, Bill James, Monica Chaudhary).

**“I have tried lately to read Shakespeare, and found it so intolerably dull that it nauseated me.” — Charles Darwin**

*It’s a good thing he didn’t try Robbins.*



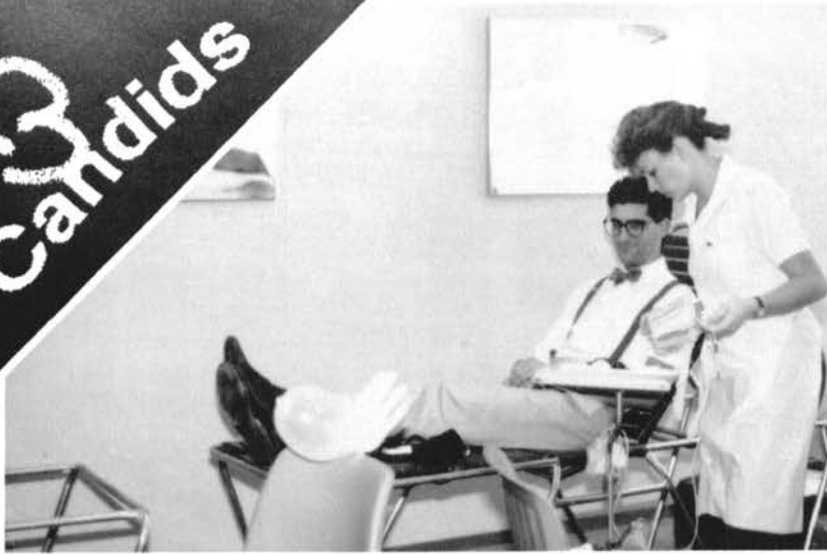
Back Lt to Rt: Andy Wayne, Roger Edelen, Kyle John, Monica Chaudhary, Cheri Landers, Andrea Arvan, Tony Richmond, Laurie Fowler, Jerry Mank, Sue Pereira, Ramilo Gatapia, Chris Andershock, and Dr. Rosenholtz.



Above: Roger Edelen displays that *a-fashion-itis* is curable. Above Rt: Kevin Gillian, Barbara Dietrich, Jeff Gao, Susan Orth, Sandy and Brian Mahaffey. Rt: Little does Kim Crawford know that there is a hidden camera in the Ophthalmoscope head.



# M3 Candid



Jerry, I thought you didn't like girls?



"All right you guys, where did you hide Dr. Havey?"



Sam grabs his kid, as Frank grabs Tricia.



Andy I love you, but get your hands out of my pants.



Well ladies, thumbs up, the pregnancy test was negative."



Bill Davis and love slave, Suzy Vandiver.



“Shit Alina, this Russian vodka *is* good”



“Dan, I can’t take it any longer, you have to make a choice between the two of us.” — Lori or Helen?



“Would you look at Edie’s butt . . .”



Ted Rasoumoff explaining to Dennis Younglove the art of picking up a one night stand.



“Since when are drugs illegal?” — Scott Smithpeter



“Oh Koop stop being so serious, and smile for the camera.” — Edie Sigmund



"Oh my god, Tim Anderson is so cute."  
Becca Zinck



Edie conducting a Luke Sloan look alike contest.



Two M2's attack Dr. Guntaka.



"How much longer must I endure working with women?" — Steve Theis



3 out of 4 people not understanding Pete Montgomery's humor.



"Mike, I've really got the munchies . . . pass the bong." — Mary Even.



Dr. Koop obtains consent for a breast exam.



"Lori, the wife's here, not now" — Tom Alcox



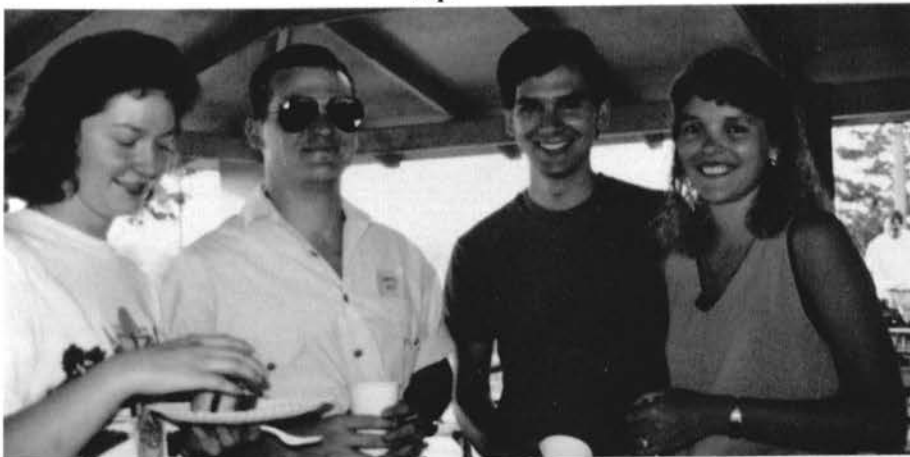
Brian Toalson, "chick hunting."



Brian Rudman caught "in the act" on the rooftop.



Mike Wackowski and wife once again forget their costumes for the Halloween Party.

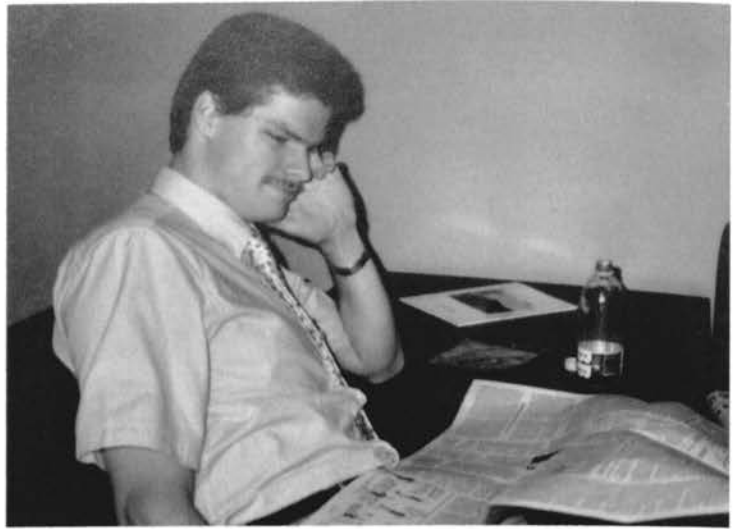


Two happy couples.





"Todd, you know that Estee Lauder tanning lotion causes decreased libido." "No kidding Brad . . . I thought it might have been the tight underwear."



"Hmm . . . I wonder if they'll ever find out that I nominated myself for AOA?" — Steve Carder



Jim Koeller as a hula popper.



O.K. Edie, point your tongue to the drunk Chinaman.



"Hi, I'm Randy Latorre and I'm really not as big of a slut as everyone says."



Nick DiCiro before . . . . . and after, a Smithpeter special.



"So, Mike what do I do after I have my tongue out?" — Tom Whalen



Bev Fingerhood in shock at how good Neal is.



"Hey Annette, who the hell is that guy?" Rich Feldenberg



Alina obviously pissed they're not speaking Russian.



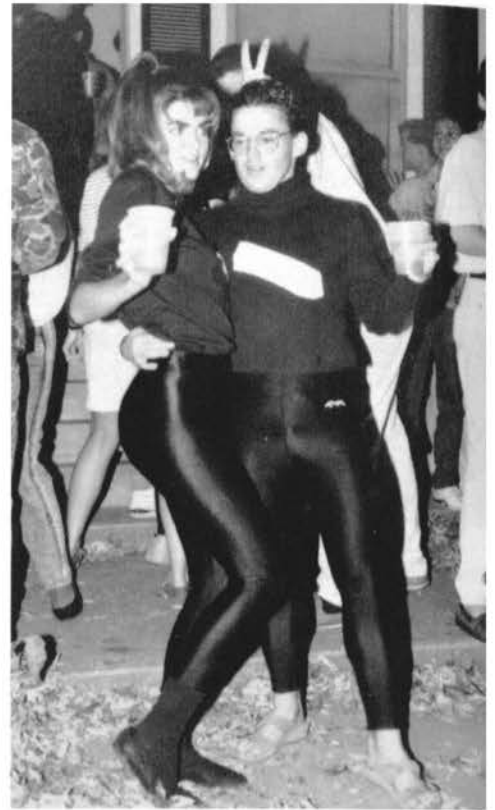
Dan the hand man.



A very stiff Bob Frolichstein.



Jim Borders with his pornographic etch-a-sketch.



Deeter Sprocket asking his fraulein to touch his monkey.



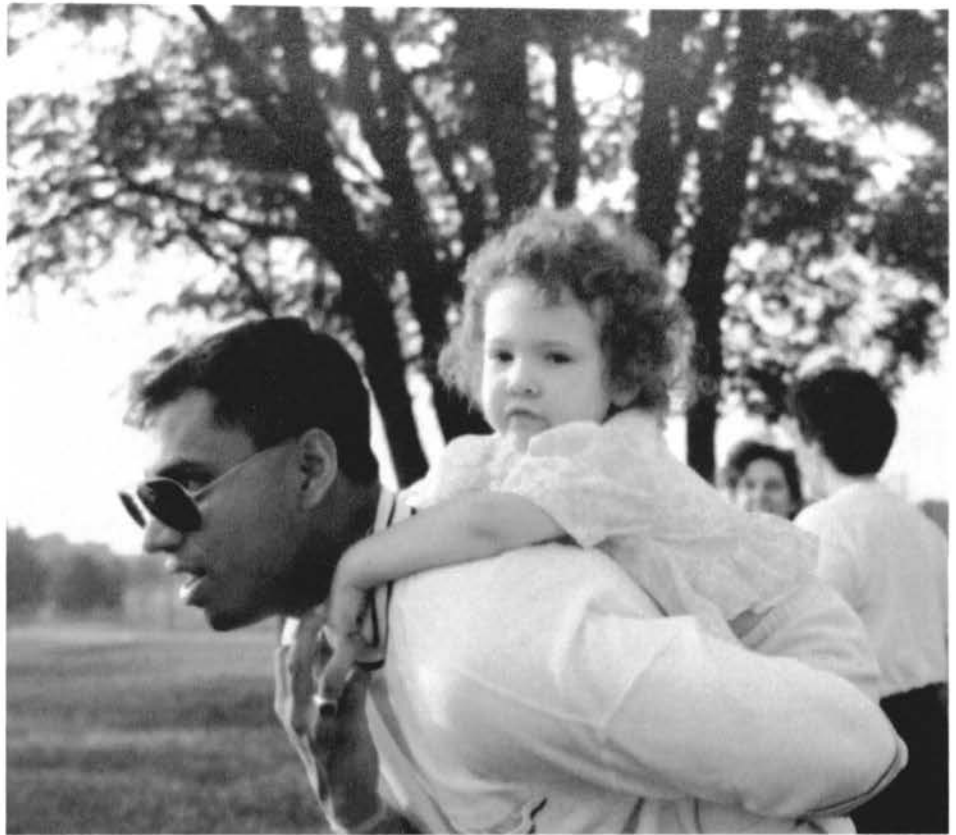
The Jack-O-Lantern at Whalen and Plurad's Halloween Party before people started drinking.



"Carolyn, I don't think your head's that big . . . what do you think of mine?" Frank Di-vincenzo



"Sarah, you know I'm married but what the hell . . . your marriage is arranged anyway." — David Barnes



Mish takes a page out of Troy Potter's family album.



Paul Gelvin and wife Gayla enjoy licking the creamy filling first.



"Take the god damn picture, would ya?" Lori Smith



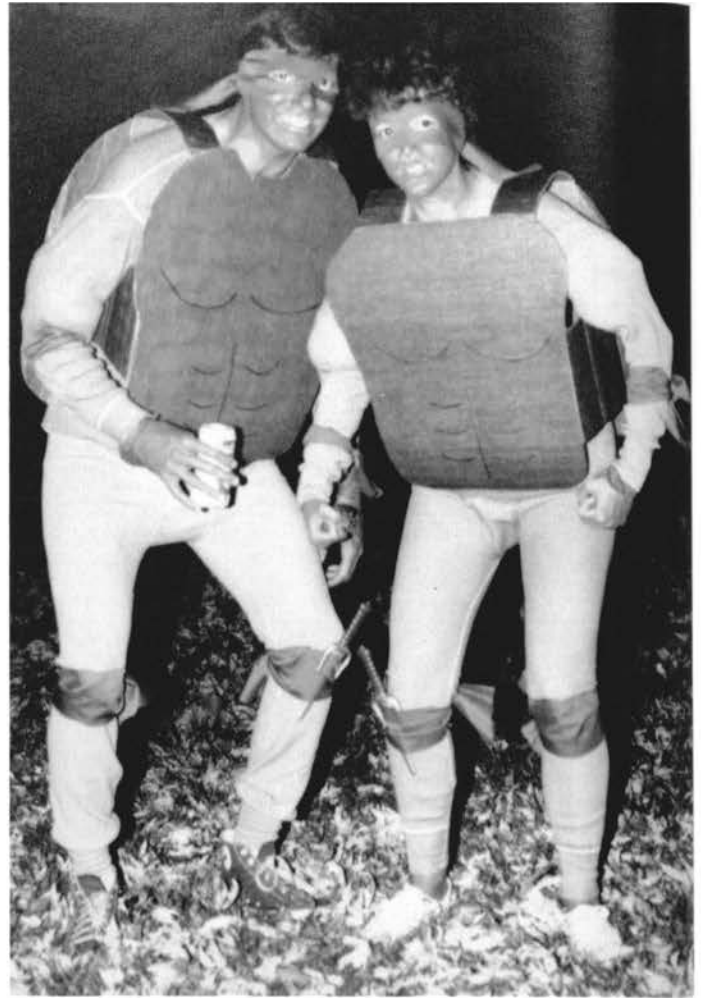
The Rasta surgeons.



Tom Whalen, best thighs and stinkiest feet in the M3 Class.



Pete Montgomery playing computer dating.



"If we pinch these loaves out faster, nobody will catch us." The Turtles



Bill Davis with a grin after Brad Lickliker, nurse on 7 east, accepted his offer for dinner at his place.



Frank points out 2 key principles of medicine.



He's married to a nurse, has had a hair weave and is often called Frank.



“Lower, Stephanie lower.” — Steve Riley



Pharmaceutical Rep. and laboratory rat.



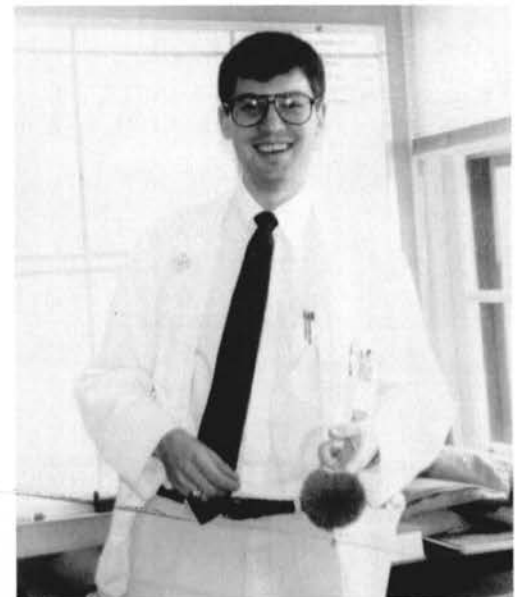
Rudman and Shanker, amused that Reed's not circumcised.



Karuna and Amy relive anatomy with Heather.



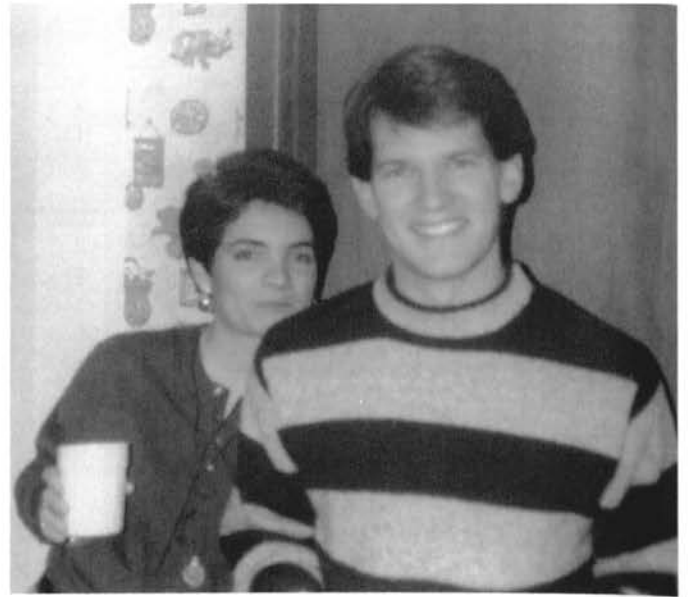
“No, I don't have a condom now.” — Steve Theis.



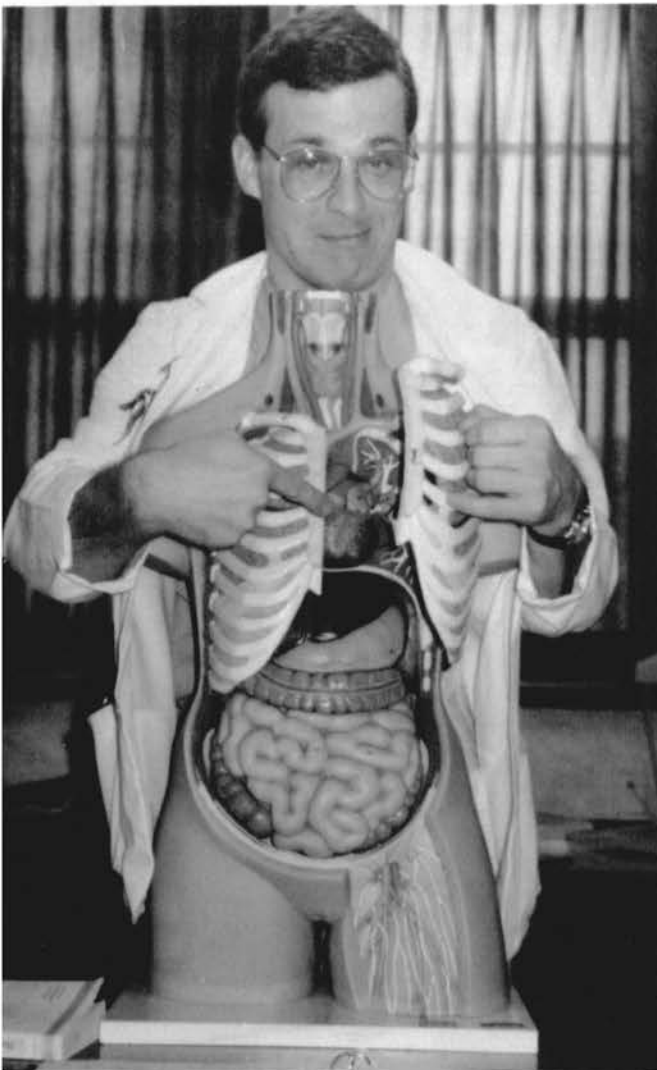
Steve Martin as relaxed as usual.



Tricia Smith and the 8AM Monday morning surgery lecture, don't mix.



Brian Toalson displays the art of picking up any Stevens' girl.



Dan Gysbers shows off his anatomy.



Align your mind and soul, Grasshopper.



Another surgery sleeper, John Zimmerschied.



Sam Simms version of auto-eroticism.



"So Rich, what's the deal with you and Rita Logan?" — David Barnes



Matt Jung at his happiest, without Ellen.



Dave Andes in, "Dreams About Kathy"

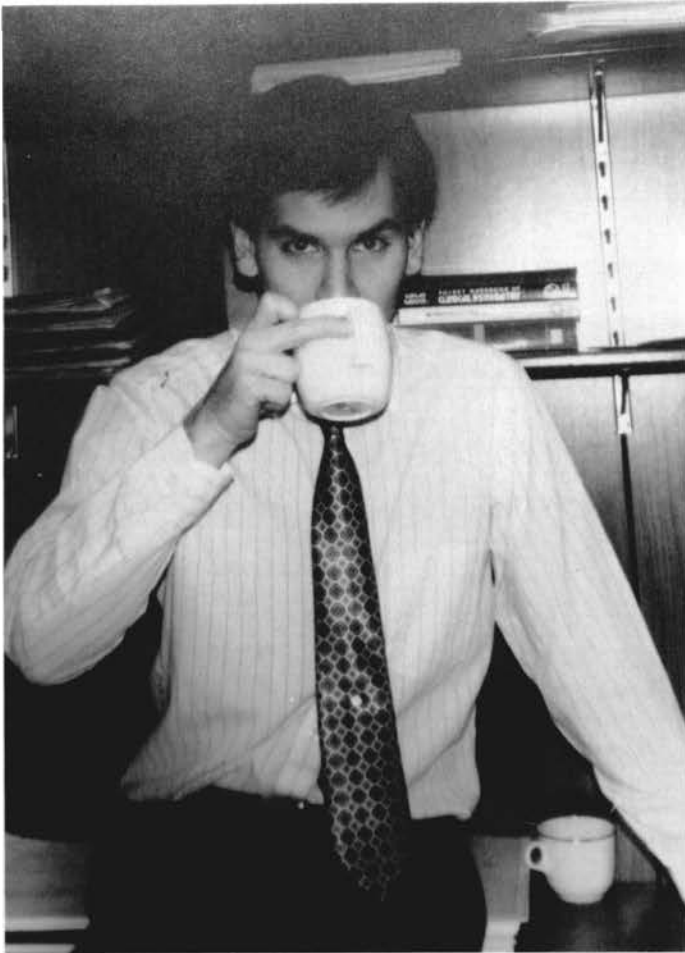


Lisa Burgett modeling a beautiful dress from Liz Claiborne's Spring Collection.



"Don't even think about it Ken, I'm married." — Karuna





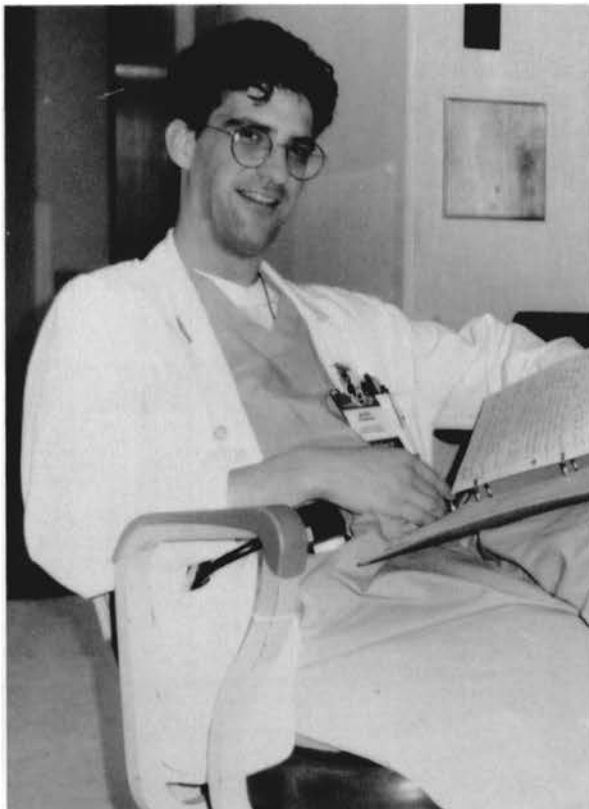
Rob Sexé fingers his mug.



Tricia Smith stares admiringly at Tim Anderson's butt and fantasizes . . . John Zimmerschied stares admiringly at Tricia and fantasizes.



Rich Feldanberg in one of his more ecstatic moods.



GQ Magazine's "Man of the Year"



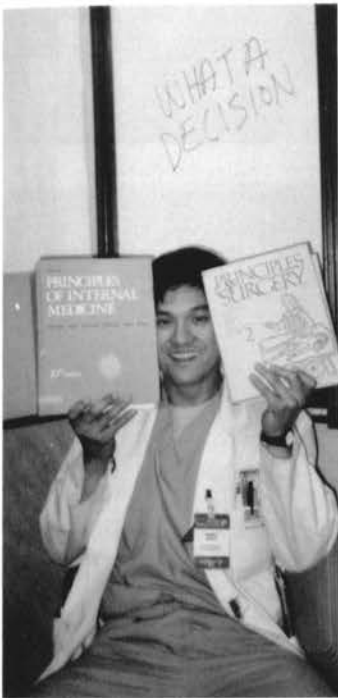
Stephanie Womack won't like this picture either.



Frank Divencenzo coyly sneaks a feel of Carolyn Hathaway's breasts.



Mish and Moe



As with girls, Randy Latorre straddles the fence.



The dreaded Red Surgery Sleeping Sickness strikes again.



Angie Longwell, in happier times.



"Now John, you're gonna feel some pressure . . . man, you have a nice butt . . . do you want to feel my hair?" — Frank

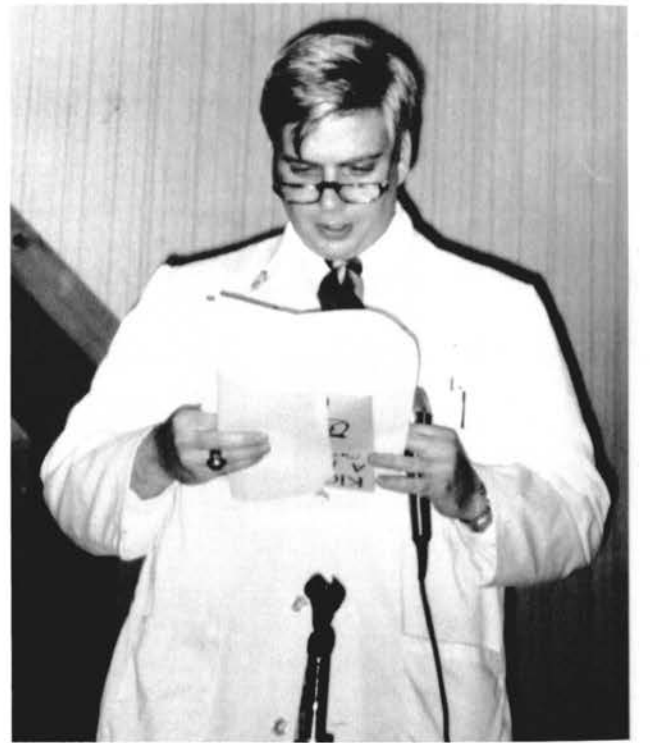
# C REVIEW



Mitch 'What, I didn't hear that' and Missy Stapp



... but I, Giorgio, could do it much better. (Ted Rasoumoff)



Delving deeper into the Proud family tree. (Rob Hunter)

After hearing that Cheerios are an aphrodisiac, Patty glues them all over herself; Kristen waits around for the fallout.





Wayne's World interviews surgery personalities.



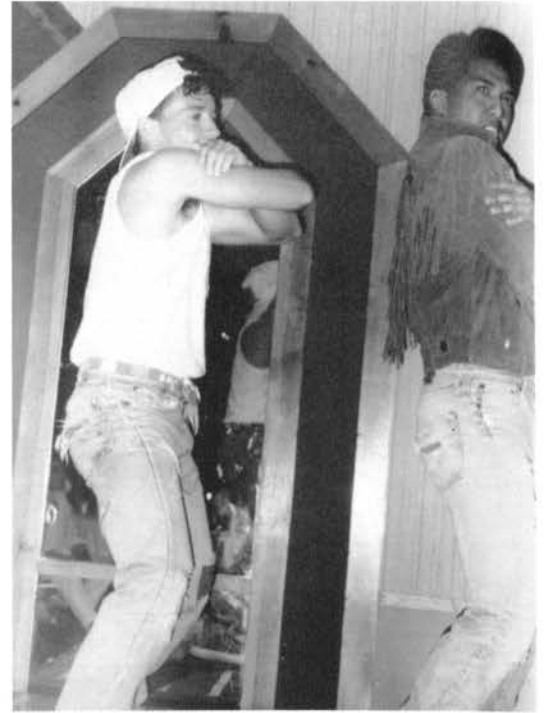
This time you're really out of here Mike



Bob and Ted's excellent adventure. (Alan Rauba, Loy Puckett)



New Docs on the block



This is how I hug myself in that white jacket they make me wear.



Hey look, is that anchovy paste liver they're serving?



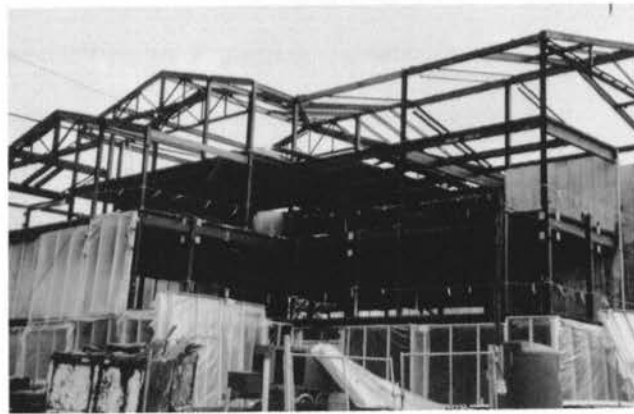
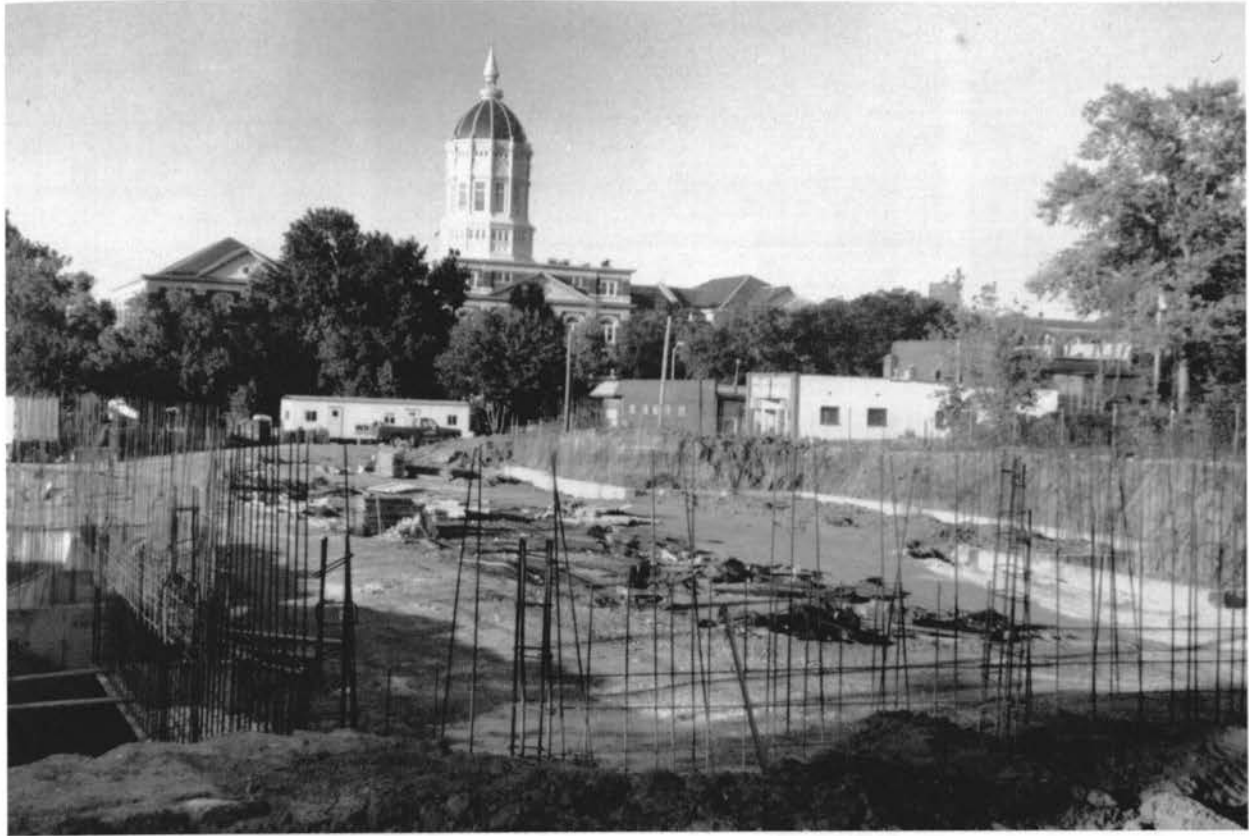
Chris Roberts finds Mako especially appealing after her augmentation.



White Male Surgeon At Large



Devil Child Mish



The new alumni center arises out of the ashes of favorite campus hangouts.

Under this roof the school will one day grovel for our money.



The VA smoke-hut in the lovely Pershing Park. The VA stamping out lung disease in our lifetime.

# Candid



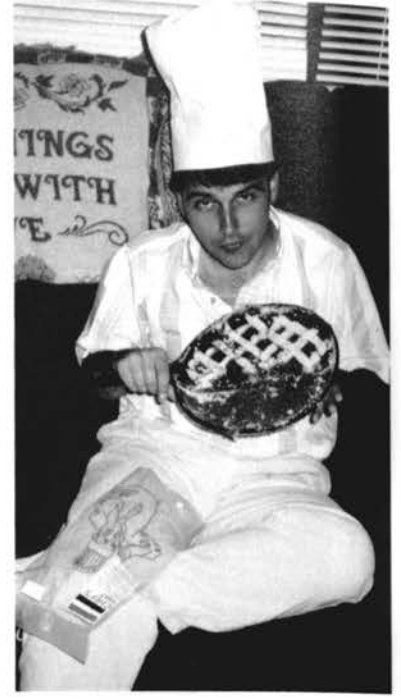
Tim Murphy — The “After” picture for Rogaine Mousse.



Alan's private traveling sex show is run out of Columbia.



Hear no evil, see no evil, and clueless (Luke, ???, and Dan)



Mark Pfitzner, the Anal Retentive Chef.



Amy Davis, Queen of the Mountain.



The reason why laws prohibiting blood relatives from marrying is a good idea.



Few people realize that Kim Morris holds the patent on Odor Eaters.



Three convicts and a little lady (of the evening) — Mako Missy, Lora and Kaoru.



Rob Hunter at the feed store: "Then there was the time I was beating a turtle, with a stick that is . . ."



Tim Herr realizes with horror that his date is only 75% through "her" sex-change operation.



"What? You want to be an adolescent gynecologist???" (Tim and Joni Hall)



Karie enjoys the centerfold in this month's JAMA.



Portrait of an obstetrician's wet dream — Patrick, Rob and Loy



You can always tell when Missy got some the night before.



Being a Southern gent at heart, Topher (Chris Roberts) tries to keep his women barefoot and pregnant so they won't have to work.



Tom escapes from Dr. Meyer's Cardiology lab only to be caught by the camera.



Mako arrives with a drink and a date.





Any more than a mouthful is just a waste. (Rob T.)



My face has been like this ever since that one pound weight fell on it. (Chris Roberts)



Bill Beaman reproduces ... and the world shutters.



Members of the Mizzou Chapter of Sexaholics Anonymous.



While John Stansfield was drunk his wife, Julie dressed him in hopes that he would end up with the Desert Storm troops.



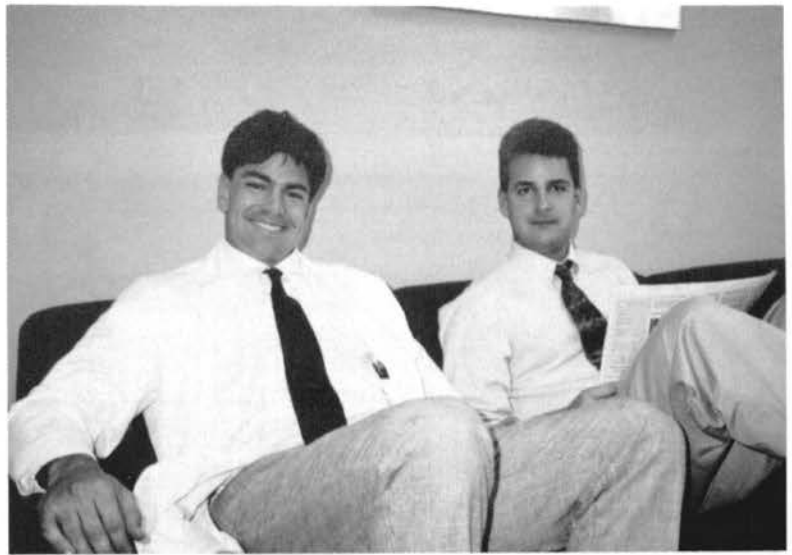
The two reasons condom stock soared during 1990. (Mako Shimoda and Dennis O'Brien)



Jed and Jethro Clampett take Duke grocery shopping. (Toby and Brian)



Johnathon masters the alphabet, Part 13.



The Clive Levine Fan Club — Rich Riegel and Paul Sajben.



We won't have psychosomatic rounds for at least an hour. I threw donuts between here and Jabba's office! (Jeff Huff)



Hey Mom! Look what I brought home from school. (Patrick Greenwood and son)



Roast possum (Maria Evans)



Hand Check!

# CLASS of 1991







## Paul Ammatelli

Internal Medicine  
Univ. of Washington  
Seattle, Washington

*If we were logical, the future would be bleak indeed. But we are more than logical. We are human beings, and we have faith, and we have hope, and we can work.*

*Jacques Cousteau*



## Karie Anderson

Pediatrics  
Oakland Naval Hospital  
Oakland, California

## Kelly Bain

Family Practice  
Univ. Hospital & Clinics  
Columbia, Missouri

*Well, thank God we got out of that Mess . . . course now we're really screwed.*

*Gary Larson*



## Laurie Barozinsky

OB/GYN  
St. Louis University  
St. Louis, Missouri

*Chance favors the prepared mind.*  
*Louis Pasteur*





## David Auer

Surgery  
Baylor College of Medicine  
Houston, Texas



## Michelle Bachtel

Internal Medicine  
Jewish Hospital  
St. Louis, Missouri

*A physician's primary duties are to save lives  
and relieve suffering. Often he cannot do both.  
Dr. Robert Misbin*

## Mike Bateman

Family Practice  
Tacoma Family Medicine  
Tacoma, Washington

*The average infant goes through approximately  
6,782 diaper changes in his lifetime.*



## Bill Beaman

Internal Medicine  
St. Johns Mercy Med. Center  
St. Louis, Missouri

*You can't always get what you want,  
but if you try sometime,  
you just might find,  
you get what you need.*

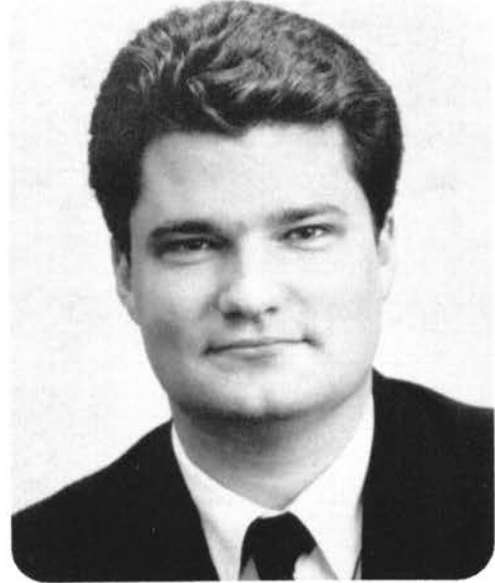
*M. Jagger*





**Ron Brinck**

Psychiatry  
Univ. of Utah  
Salt Lake City, Utah



**Andy Brown**

Orthopedic Surgery  
University of Colorado  
Denver, Colorado

**Wai Chiu**

Anesthesiology  
St. Lukes Hospital  
Kansas City, Missouri

*The reports of my education have been greatly exaggerated.*



**Nancy Clore**

Physical Medicine and Rehabilitation  
University of Colorado  
Denver, Colorado





## Mike Carney

Pediatrics  
St. Louis University  
St. Louis, Missouri

*As you go through life  
make this your goal:  
Watch the doughnut,  
Not the hole.*



## David Chien

Anesthesiology  
Barnes Hospital  
St. Louis, Missouri

*Gentlemen, start your enzymes.*

*Alf*

## Mark Cox

Ophthalmology  
Univ. Hospital & Clinics  
Columbia, Missouri



## Sandy Cox

Obstetrics-Gynecology  
St. Joseph Hospital  
Denver, Colorado

*I'm proof against that word failure. The only  
failure a man ought to fear is failure in cleaving  
to the purpose he sees to be best.*

*Ralph Waldo Emerson*







## **Debbie Dauherty**

Family Practice  
Scott Air Force Base  
Belleville, Illinois



## **Amy Davis**

Internal Medicine  
University Hospital & Clinics  
Columbia, Missouri

*If one advances confidently in the direction of his dreams, and endeavors to live the life which he has imagined, he will meet with a success unexpected in common hours. — Henry David Thoreau. I was gratified to be able to answer promptly, I said, 'I don't know.'*

— Mark Twain

## **Shelly Derrough**

Obstetrics-Gynecology  
Portsmouth Navy Hospital  
Portsmouth, Virginia



## **Deann Dewitt**

Pediatrics  
Children's Mercy Hospital  
Kansas City, Missouri

*I can do all things through Christ who strengthens me. Philippians 4:13*





## **Thom Davis**

Family Practice  
University Hospital and Clinics  
Columbia, Missouri

*The reports of my education have been greatly exaggerated.*



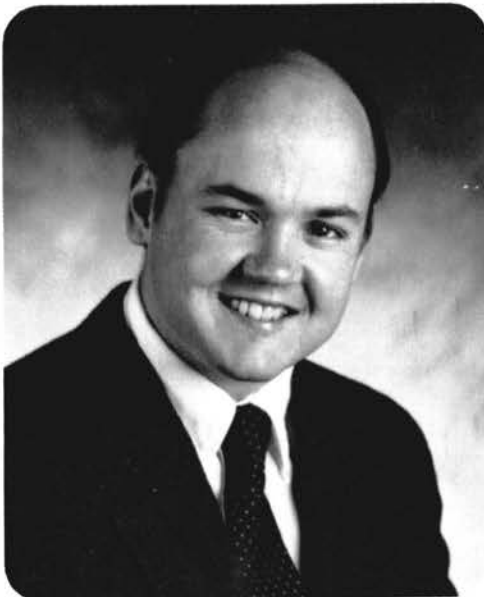
## **Michael Dawdy**

Internal Medicine  
Portsmouth Navy Hospital  
Norfolk, Virginia

## **Doug Dripps**

Internal Medicine - Pediatrics  
St. Louis University  
St. Louis, Missouri

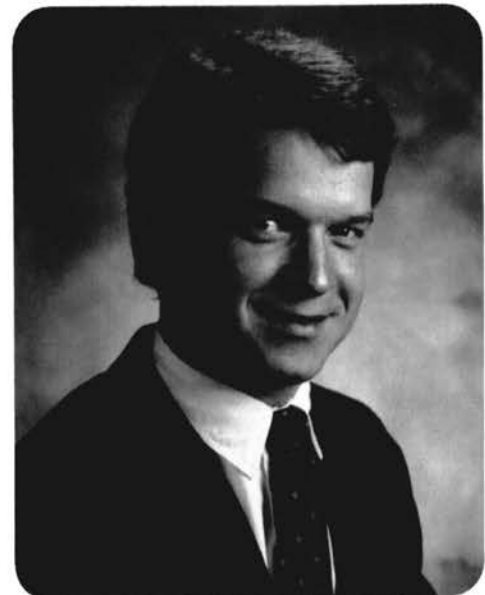
*Do the right thing — Spike Lee. With great power comes great responsibility — Peter Parker. Do not fear death; fear rather not having known life. — Shang Chi*



## **Dave Duesenberg**

Psychiatry  
Vanderbilt University  
Nashville, Tennessee

*To Him by means of His power working in us is able to do so much more than we can ever ask for or even think of — infinitely beyond our highest prayers, desires, thoughts, or hopes. Ephesians 3:20*



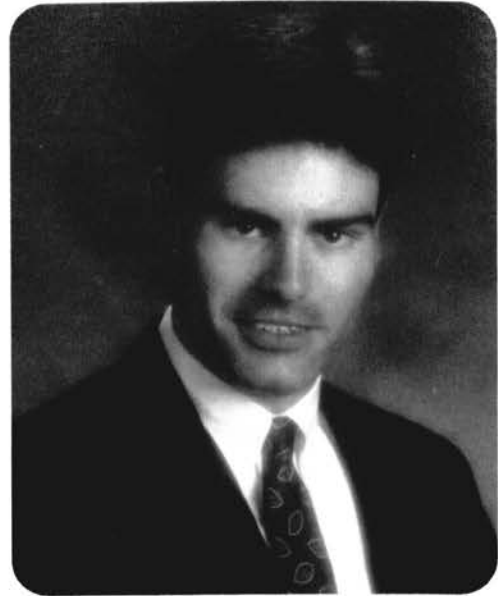


## Mark Eddy

Pediatrics  
Children's Mercy Hospital  
Kansas City, Missouri

*He is the best physician who knows the worthlessness of most medicine.*

*Benjamin Franklin*



## Jim Elliott

Internal Medicine  
Vanderbilt University  
Nashville, Tennessee

## Maria Evans

Pathology  
University Hospital and Clinics  
Columbia, Missouri

*One can learn a lot from a dog: obedience, loyalty, and the importance of turning around three times before lying down.*

*Robert Benchley*



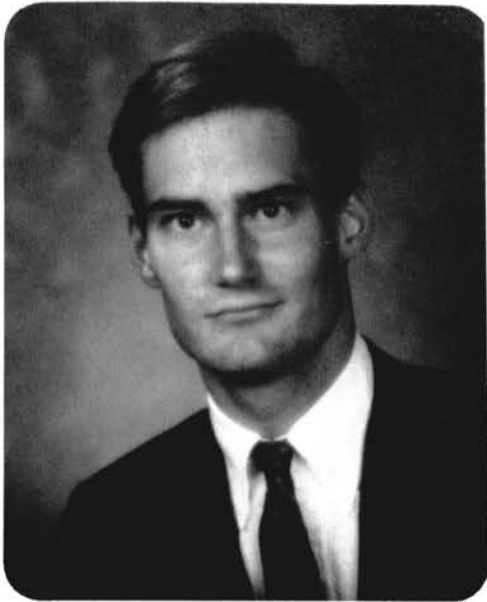
## Christine Faser

Pathology  
George Washington University  
Washington, D.C.

*For nothing is impossible with God.*

*Luke 1:37*





## **Steve Ellis**

Urology  
Indiana University Medical Center  
Indianapolis, Indiana

*To be splattered with the phlegm, vomitus and  
blood of suffering is to be badged with the high-  
est office.*

*Richard Selzer*



## **Patrick Ellison**

Anesthesiology  
University of Florida  
Jacksonville, Florida

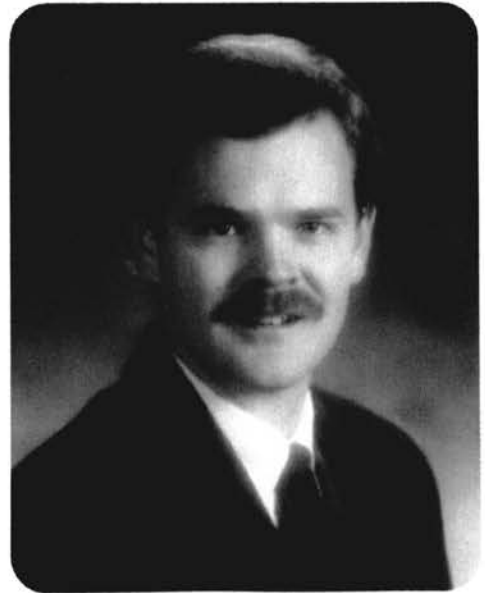
## **Charlisa Faulkner**

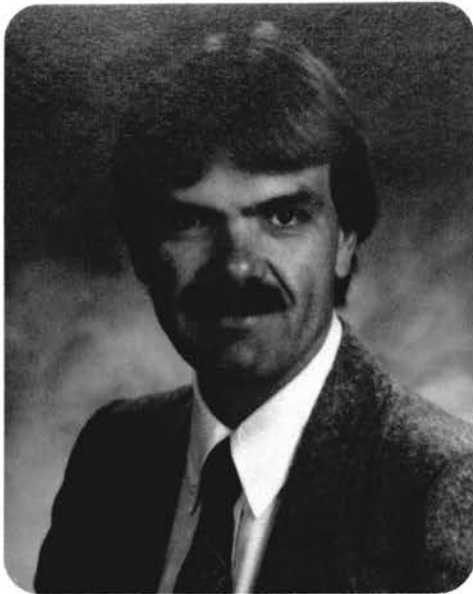
Psychiatry  
University Hospital and Clinics  
Columbia, Missouri



## **Roger Fink**

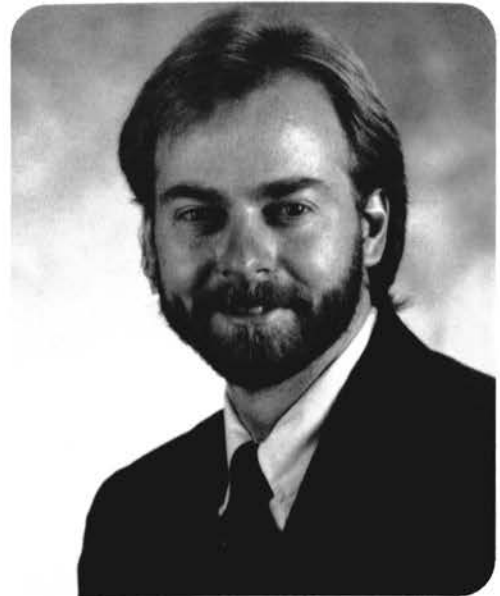
Pathology  
University of Arkansas  
Little Rock, Arkansas





**Rick Fraser**

Obstetrics-Gynecology  
University Hospital and Clinics  
Columbia, Missouri



**Mark Freter**

Family Practice  
University Hospital and Clinics  
Columbia, Missouri

*Fides, quaerens, intellectum - faith, seeking, understanding*

**Steve George**

Chemical Engineering  
University of Washington  
Seattle, Washington



**Scott Gibbs**

Neurosurgery  
University Hospital and Clinics  
Columbia, Missouri





## **Rex Gallemore**

Family Practice  
Lester E. Cox Medical Center  
Springfield, Missouri



## **Sharon George**

Family Practice  
University of Washington  
Seattle, Washington

*You should not prevent patients from getting well on their own.*

*Osler*

## **John Gillen**

Orthopedic Surgery  
University of Kentucky Medical Center  
Lexington, Kentucky



## **Patrick Greenwood**

Emergency Medicine  
University of Louisville  
Louisville, Kentucky

*Some patients get better, some patients get worse, some patients even die, but Blue Surgery always makes it to Happy Hour on Friday by 4:00*

*Tim Anderson, Chief Res.*





## **Timothy Hall**

Obstetrics-Gynecology  
Truman Medical Center  
Kansas City, Missouri

*The most important single ingredient in the formula of success is knowing how to get along with people.*

*Theodore Roosevelt*



## **Jana Hash**

Pediatrics  
Children's Mercy Hospital  
Kansas City, Missouri

## **Tim Herr**

Surgery  
University Hospital and Clinics  
Columbia, Missouri

*You know where you are? . . . You're in the jungle baby.*

*Guns 'n' Roses*



## **Brenda Hettinger**

Internal Medicine  
University Hospital and Clinics  
Columbia, Missouri

*"Put aside all those things which so easily beset us and run with patience the race set before us."*





## **Sanjay Havaldar**

Internal Medicine  
Cleveland Clinic  
Cleveland, Ohio

*All you need in this life is ignorance and confidence, and then success is sure.*

*Mark Twain*



## **Jennifer Herfkens**

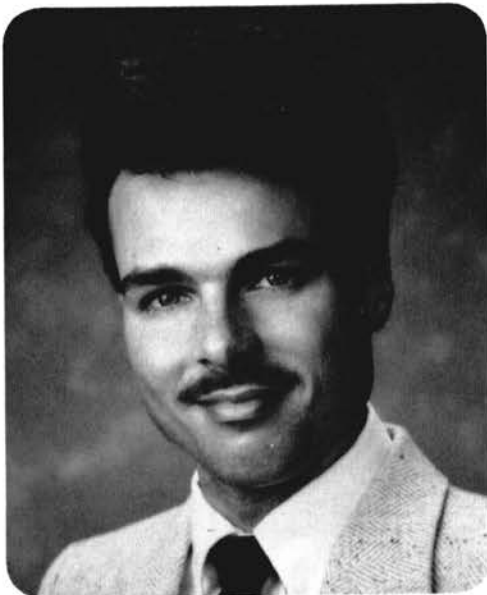
Internal Medicine  
University of Iowa  
Iowa City, Iowa

*No objects of value are worth risking the priceless experience of waking up one more day.*

*Jack Smith*

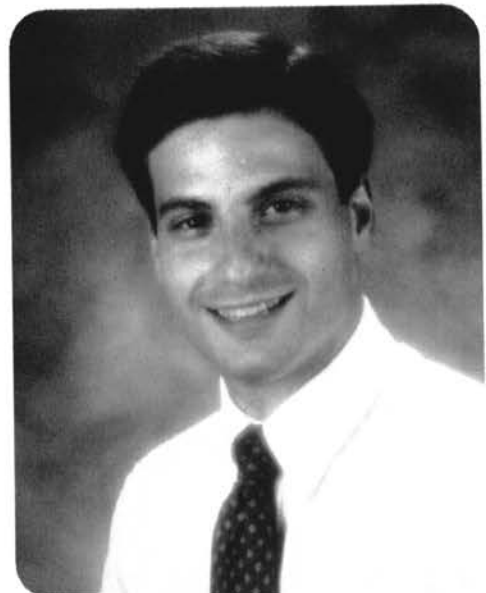
## **Landon Hoecker**

Family Practice  
Trinity Lutheran Hospital  
Kansas City, Missouri



## **Neal Honickman**

Ophthalmology  
University of Florida  
Gainesville, Florida







**Stephen Hooper**

Anesthesiology  
Portsmouth Navy Hospital  
Portsmouth, Virginia



**Barbara Houk**

Psychiatry  
Western Missouri Mental Health  
Kansas City, Missouri

*Does the child make the adult? Yes, but qualified. We are who we are because of the inseparable interaction of our genes, environment, and personal choice.*

**Steve Hughes**

Surgery  
University Hospital and Clinics  
Columbia, Missouri



**Rob Hunter**

Psychiatry  
Univ. of Iowa Hosp. & Clinics  
Iowa City, Iowa

*"Duty then is the sublimest word in our language. Do your duty in all things. You cannot do more. You should never wish to do less."*

*Robert E. Lee*



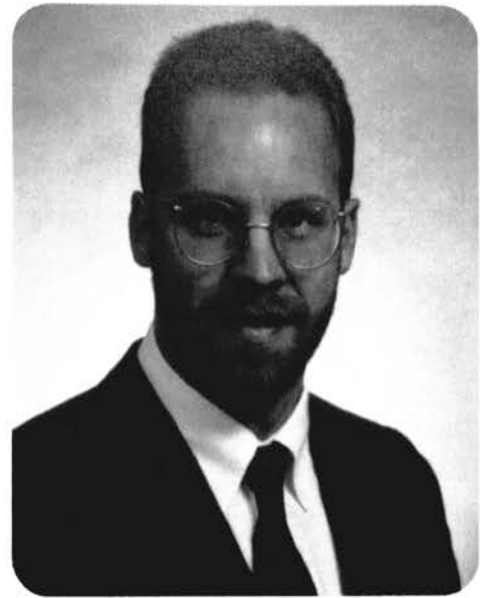


## **Dan Huesgen**

Psychiatry  
University Health Center  
Pittsburgh, Pennsylvania

*I am so glad you and I are here to see and hear  
and be. And I am more than glad that you are  
you. How lonely I would be if you were not.*

*Kahlil Gibran*



## **Jeff Huff**

Psychiatry  
University of Colorado  
Denver, Colorado

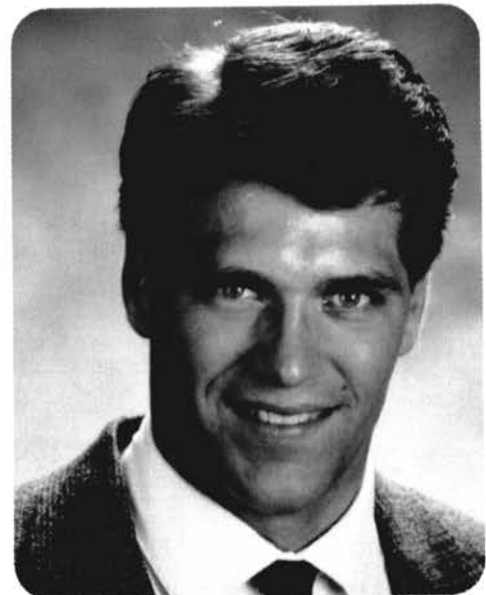
## **Justin Jones**

Family Practice  
University Hospital and Clinics  
Columbia, Missouri



## **Tony Kaczmarek**

Urology  
Medical University of South Carolina  
Charleston, South Carolina



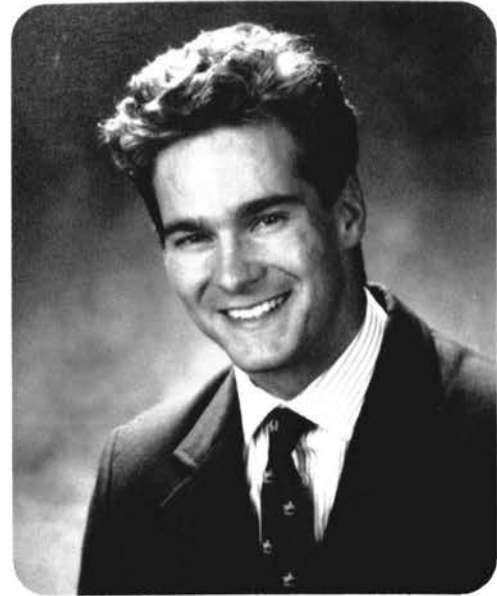


## **Kody Kunda**

Obstetrics-Gynecology  
Barnes Hospital  
St. Louis, Missouri

*"Those who come closest to truth come closest to God."*

*William Greenleaf Eliot*



## **Michael Kutryb**

Ophthalmology  
Alton Oschner Foundation  
New Orleans, Louisiana

*"Snooze you lose." — anonymous. "Just do it."*  
— Bo

## **Jim Lund**

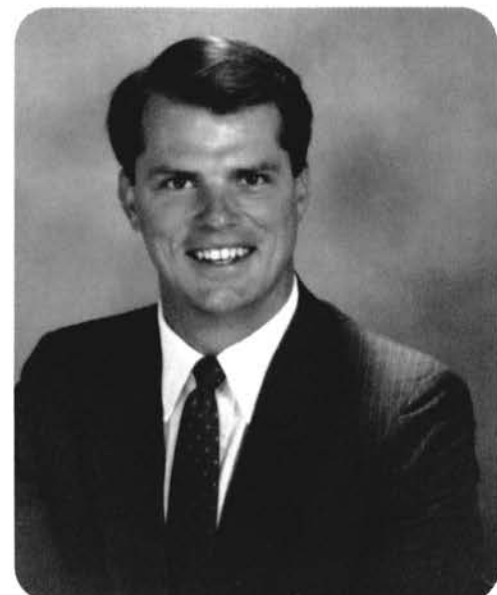
Internal Medicine  
University of Washington  
Seattle, Washington



## **Tom McCormack**

Orthopedics  
University of Kansas Medical Center  
Kansas City, Missouri

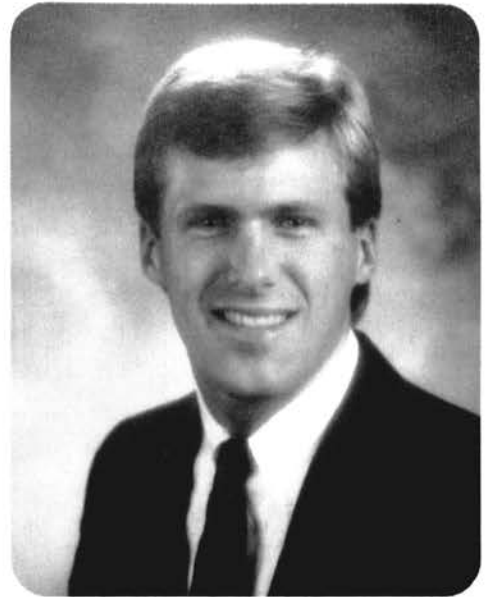
*"Oooooorah!!!!" — The Great Santine*





**Stan Librach**

Surgery  
UHS/Chicago Med School  
Chicago, Illinois



**David Lowe**

Obstetrics-Gynecology  
Carolinas Medical Center  
Charlotte, North Carolina

**James McDowell**

Family Practice  
Truman Medical Center  
Kansas City, Missouri



**Joe Meyer**

Anesthesiology  
Barnes Hospital  
St. Louis, Missouri

*"Future is that period of time in which our affairs prosper, our friends are true, and our happiness is assured." — Ambrose Bierce, 1911*





## Mary Michener

Family Practice  
University Hospital and Clinics  
Columbia, Missouri

*I really see no other solution than to turn inwards  
and to root out all the rottenness there. I no longer  
believe that we can change anything in the  
world until we have first changed ourselves.*  
Etty Hillesum, 1942



## Lora Mills

Obstetrics-Gynecology  
Aultman Hospital  
Canton, Ohio

## Kristin Miller

Obstetrics-Gynecology  
University of Tennessee  
Memphis, Tennessee



## Peggy Murphy

Internal Medicine  
St. John's Mercy Medical Center  
St. Louis, Missouri

*Damn it Jim! I'm a doctor, not an engineer.*  
Star Trek





## Lori Montag

Pathology  
University of Missouri  
Kansas City, Missouri



## Kim Morris

Pathology  
University of Colorado  
Denver, Colorado

*The roots of education are bitter, but the fruit is sweet.*

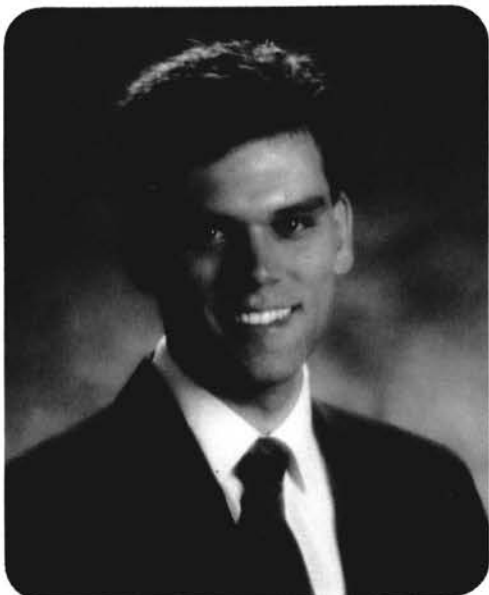
*Aristotle*

## Timothy Murphy

Family Practice  
University of Wisconsin  
Madison, Wisconsin

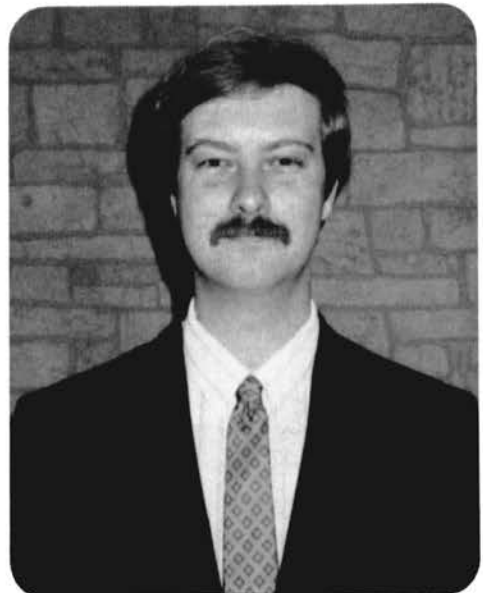
*They enter the new world naked, cold, uncertain of all save that they enter . . . But now the stark dignity of entrance - still, the profound change has come upon them: rooted they grip down and begin to awaken.*

*William Carlos Williams*



## Mark Napier

Psychiatry  
Barnes Hospital  
St. Louis, Missouri





## **Andy Ninichuck**

Family Practice  
Trover Clinic Foundation  
Madisonville, Kentucky

*Seek what needs to be done, then, with the grace  
of God, do it.*

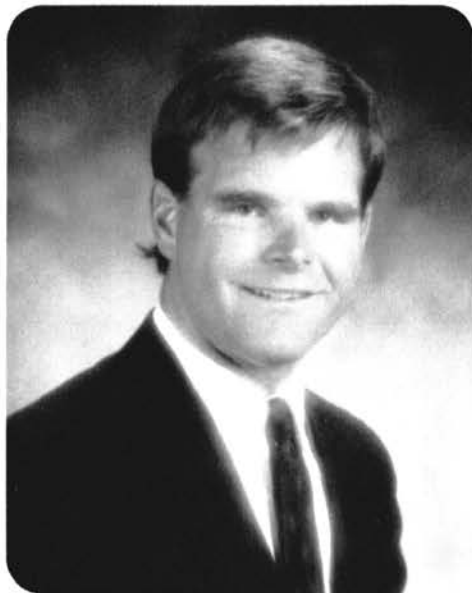


## **Dennis O'Brien**

Pediatrics  
St. Louis University  
St. Louis, Missouri

## **Andy Pool**

Neurosurgery  
Medical Univ. of South Carolina  
Charleston, South Carolina



## **Troy Potter**

Internal Medicine  
Louisiana State University  
Shreveport, Louisiana





## Mark Pfitzner

Pediatrics  
University of Arkansas  
Little Rock, Arkansas

*The road goes ever on and on down from the door  
where it began. Now far ahead the road has gone, and  
I must follow, if I can, pursuing it with eager feet,  
until it joins some larger way where many paths and  
errands meet and whither then? I cannot say.*

*J.R.R. Tolkien*



## Lora Plattner

Internal Medicine  
Good Samaritan Hospital  
Phoenix, Arizona

*Ideals are like the stars — we never reach them,  
but like mariners, we chart our course by them.*

*Montaigne*

## Lynn Puckett

Obstetrics and Gynecology  
University Hospital and Clinics  
Columbia, Missouri

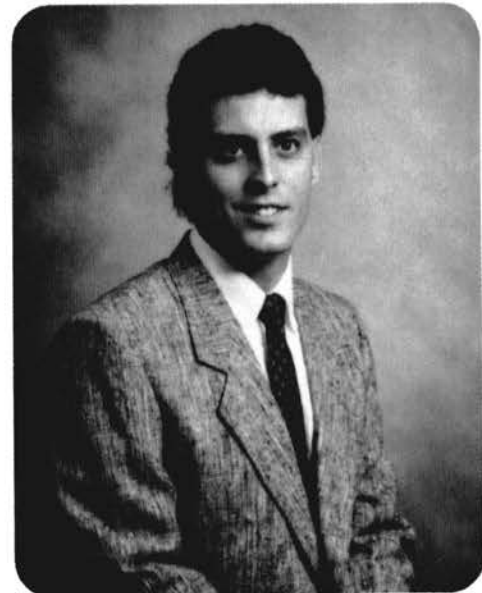


## Alan Rauba

Internal Medicine  
St. John's Mercy Medical Center  
St. Louis, Missouri

*If you carry a lantern, you will not fear the dark-  
ness.*

*Folk Saying*







## **Roger Rembecki**

Obstetrics-Gynecology  
William Beaumont Army Medical Center  
El Paso, Texas



## **Jorge Reyno**

Internal Medicine  
University of Nebraska Hospital  
Lincoln, Nebraska

*Two kinds of gratitude: the sudden kind we feel  
for what we take; the larger kind we feel for what  
we give.*

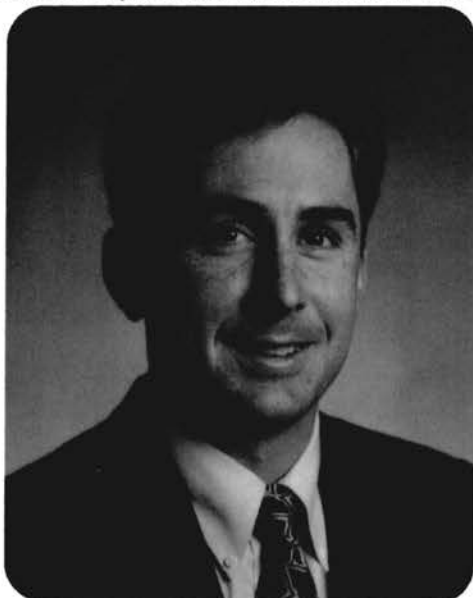
*Edwin Arlington Robinson*

## **Chris Roberts**

Obstetrics-Gynecology  
University of Texas  
Galveston, Texas

*Green pastures are before me which yet I have not seen,  
Bright skies will soon be o'er me where the dark clouds  
have been.*

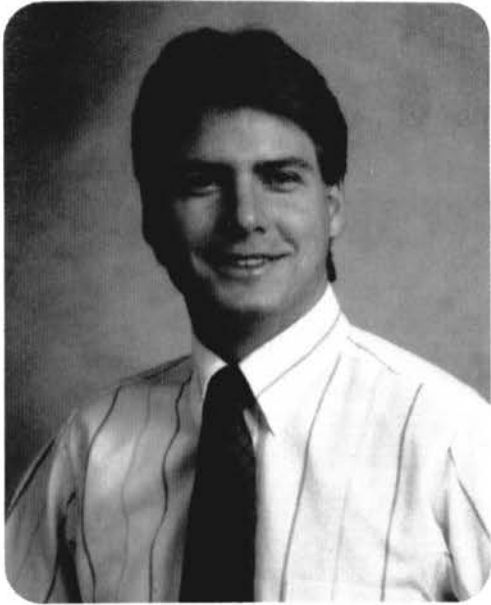
*My hope I cannot measure, My path to life is free,  
My savior has my treasure, and He will walk with me.*



## **Brad Robinson**

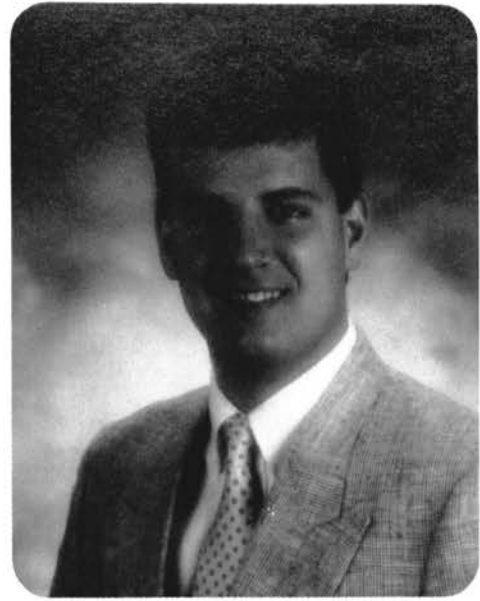
Pediatrics-Psychiatry-Child Psychiatry  
University of Utah  
Salt Lake City, Utah





## **Jonathan Richardson**

Psychiatry  
Portsmouth Navy Hospital  
Norfolk, Virginia



## **Rich Riegel**

Internal Medicine  
Vanderbilt University  
Nashville, Tennessee

## **Laura Rosenberger**

Pediatrics  
St. Louis Children's Hospital  
St. Louis, Missouri

*That which you cannot achieve as you would, you  
must perforce accomplish as you may.*

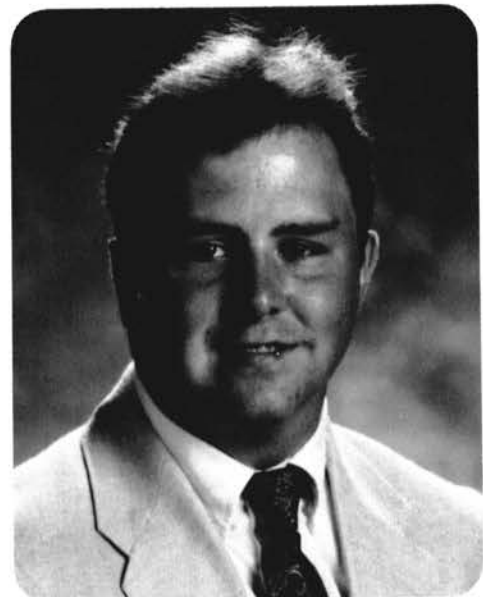
— Shakespeare



## **Mike Rush**

Emergency Room Medicine  
Johns Hopkins Hospital  
Baltimore, Maryland

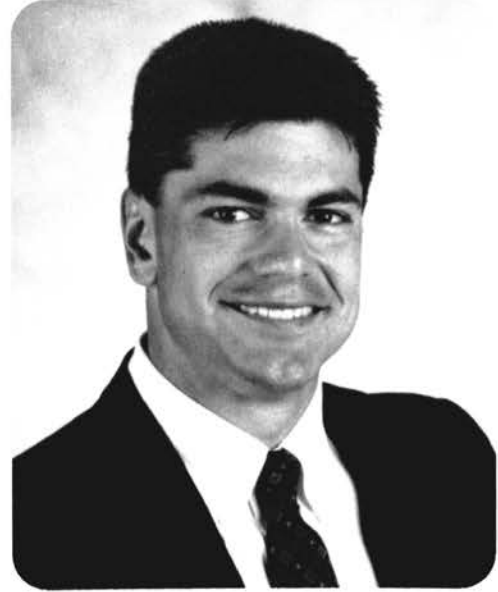
*Illigitimi Non Carborundum! Translation -  
Don't let the bastards grind you down!*





## **Keith Ryan**

Internal Medicine  
University of Utah  
Salt Lake City, Utah



## **Paul Sajben**

Emergency Medicine  
San Diego Naval Hospital  
San Diego, California

## **Mako Shimoda**

Obstetrics-Gynecology  
University of Arkansas  
Little Rock, Arkansas

*The first thing we do, let's kill all the lawyers.  
William Shakespeare Henry VI Act 4 Scene 2*



## **Larry Shores**

Pediatrics-Psychiatry-Child Psychiatry  
University of Utah  
Salt Lake City, Utah

*I dedicate this chapter of my life to my mother —  
Laveta Shores.*

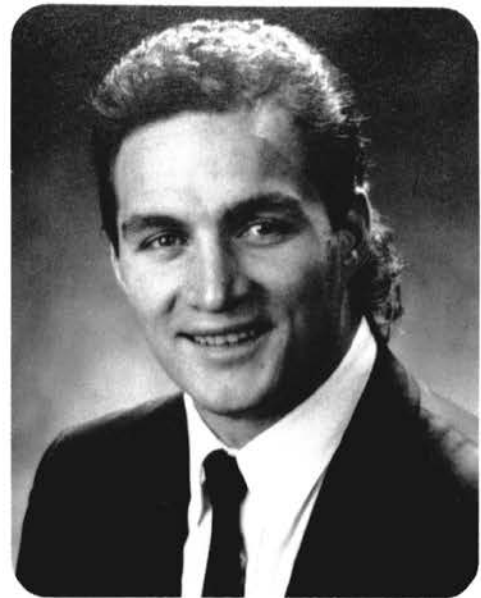




## **Chuck Schrock**

Anesthesiology  
Barnes Hospital  
St. Louis, Missouri

*Cure them all, let God sort them out.*



## **Michael Shafé**

Emergency Medicine  
University of Louisville  
Louisville, Kentucky

*Unless you reach beyond what you know you can get, you'll never know how far you could have gotten.*

## **Connie Simmons**

Pediatrics  
St. Louis University  
St. Louis, Missouri

*Just Do It.*

*Nike*



## **Amy Slagle**

Family Practice  
University of Wisconsin  
Madison, Wisconsin

*To sum up my entire medical school experience:  
I feel more like I do now than I did when I got here.*





## Luke Sloan

Dermatology  
University of Tennessee  
Memphis, Tennessee

*Everything in this book may be wrong.  
Richard Bach  
Illusions*



## Julie Stansfield

Internal Medicine  
University Hospital and Clinics  
Columbia, Missouri

*As we say in the sewer, if you're not prepared  
to go all the way, don't put your boots on in the  
first place.  
Ed Norton, The Honeymooners*

## Jon Thomas

Obstetrics-Gynecology  
Tulane University  
New Orleans, Louisiana



## Chrys Tsifutis

Pediatrics  
University of Indiana  
Indianapolis, Indiana

*What will be will be.*





## Melissa Stapp

Family Practice  
John Peter Smith Hospital  
Fort Worth, Texas

*Only the children know what they are looking for, they waste their time over a ragdoll and it becomes very important to them; and if anyone takes it away from them, they cry . . . they are lucky.*

*Antoine de Saint-Exup'ery*



## Rob Tackitt

Family Practice  
St. Joseph Hospital  
Denver, Colorado

## Maria Tsifutis

Pediatrics  
University of South Florida  
St. Petersburg, Florida

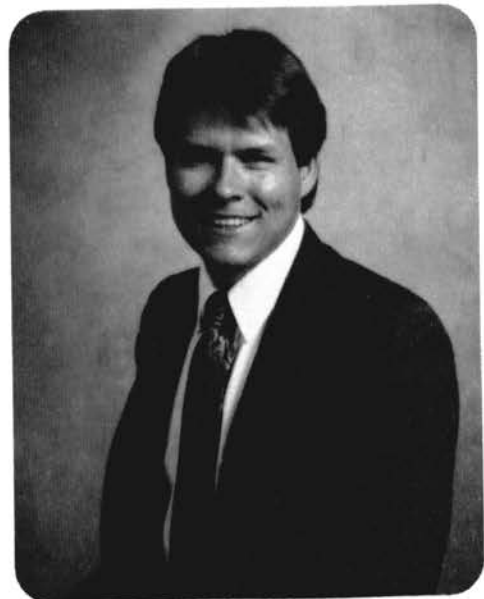
*There but for the grace of God go I.*



## Toby Vandenberg

Psychiatry  
Eisenhower Army Medical Center  
Augusta, Georgia

*Happiness is 10% circumstantial and 90% what you make of it.*





**Karen Weismantle**

Transitional  
San Diego Naval Hospital  
San Diego, California



**Kaoru Williams**

Child Psychiatry  
University of Kansas Medical Center  
Kansas City, Kansas  
*Happiness is Columbia in your rearview mirror.*

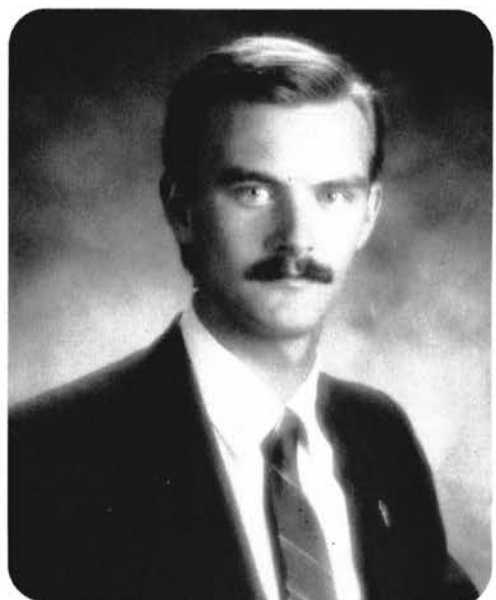
**Ray Woodmansee**

Family Practice  
University of Kansas  
Wichita, Kansas



**Geoff Yule**

Surgery  
University Hospital and Clinics  
Columbia, Missouri





**Scott Williams**

Obstetrics-Gynecology  
 University of Florida Medical Center  
 Gainesville, Florida



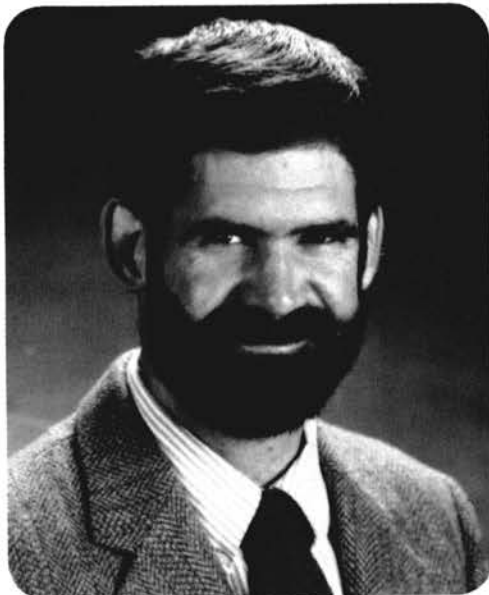
**Rick Wolkowitz**

Anesthesiology  
 University Hospital and Clinics  
 Columbia, Missouri

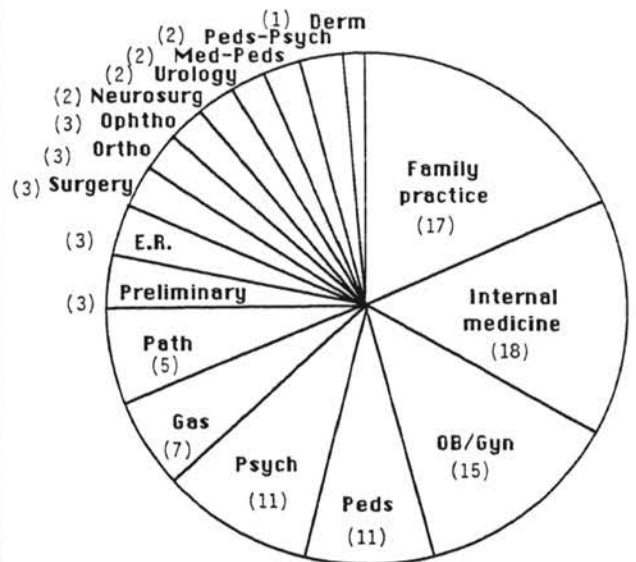
*If you're going to stick it out, don't be afraid to have it cut off.*

**Darryl Zinck**

Family Practice  
 University of Wisconsin  
 Madison, Wisconsin



**Match Results  
 For the Class of 1991**





# Student Perspective



Well friends, we've survived four years of sleepless nights, countless lectures and nearly 1200 round trips to and from Hearnese. The University of Missouri has indeed been a great value in medical education as the Class of 1991's Match Day performance shows. Graduates, pat yourselves on the back, we deserve it! However before we leave, we want to document some positive and negative aspects from a student's perspective, our view of "The Big Picture."

Most disturbing to all of us is the lack of commitment from the Legislature of Missouri to all higher education, including Medicine. Already, a large part of the budget for this school is met by revenues generated by our Attending Physicians (in addition to their complete support of the hospital). Salary freezes will make even the most dedicated faculty look elsewhere where their services are appreciated and compensated. Opportunities for tenure through the clinical tract should be encouraged, since the existence of a medical school depends upon teaching new physicians as its primary mission, with research necessary, but of secondary importance.

Parking has raised almost every student's ire at some time. The shuttle system for students does not run during the odd hours most of our 'classes' meet. There is a lack of crosswalks at both Stadium Drive intersections, no sidewalks on either side of Stadium playing havoc with our dress clothes. There is little accommodation for students to commute to Green Meadows or Ellis Fischel. We would like to see, at minimum, a shuttle bus service which accommodates all students (including medical students on clinical rotations), sidewalks, safe controlled crosswalks, and readily available security escort for students leaving late at night. Also a tube system, like the VA, only bigger, to shuttle us back and forth would be really great. We realize this is a long term goal, given the cost, but as new alumni, we should work toward lofty ideals.



The issue of obtaining Hepatitis b vaccination for medical students has been a hard fought battle. It appears that the federal government will soon force medical schools to immunize students, per OSHA guidelines. But until that time we still must pay approximately \$140 or wait until we've been injured with contaminated material to receive immunization. We would like to see the school provide vaccines for all students and promote prevention while protecting students and patients where they can.

We've had a new man at the helm for the past two years and we realize he will have a difficult time securing monies given the state's past record of support. On the positive side, we have new chairmen for the departments of Medicine and Pediatrics, continued improvement of the physical plant, and great new teal green color. However, we feel out of touch with the political, and departmental affairs of this school, and out of touch with the dean. We would appreciate the dean taking the time and making the effort to stay in touch with us and keeping us informed of current issues affecting the Medical School and us.

In closing, we should mention the multitude of Attending Physicians, Basic Science Faculty, and residents who took the time and cared enough to make the Big Picture a little clearer. We could not ask for a nicer Student Affairs Office. Thank you Drs. Groshong and McCallum for listening and for caring. Godspeed, Class of 1991, as we go out into the world to paint our part of the Big Picture.

Mutation editorial staff  
 Mike Rush  
 Luke Sloan  
 Chuck Schrock



Laura and Tim cling to the memories.



Lora and Amy say, "We're just two girls looking for fun." A panel of 4 out of 5 judges dispute at least one of these claims.



Toby smiles for the picture but secretly tries to decide who that smell is coming from.



I'm telling you, Barb made the graduation list. Mike Carney and Jeff Huff.



Johnathon working up to his PlayGirl centerfold appearance. (See ad on page 200)



Come to me Darling. You know what they say about goalies, and their hands. (Tim Herr)



Separated at birth, Maria and Stephen



Hey! He who smellt it, dealt it!



Tim, Johnathon, Rob, and Mark sing 69 Makos on the bed.



Chris Roberts asks what comes after kissing . . . everyone struggles to suppress laughter.



Why zoning is good.



Neil finds out Playboy magazines are now on the bottom shelf at the store.



Not just 2 sex changes, but the 1st-ever sex exchange. (Thom Davis and Jim Lund)



A study in Ann Havey's PMS, by Amy Slagle.



I just really hate it when they start telling me stories about Rob's Ex. (Kim, Michelle and Sandy)



Rauba goes incognito after defaulting on his car mortgage.



Luke, Edie, Tim & Amy enjoy the Incredible Goosing Couch.



Mike tells his patient: "The better to see you with, my dear."



Once again, the old "I'll bet you're a Virgo" line fails for Keith.



Number one in Amy's list of the four basic food groups.



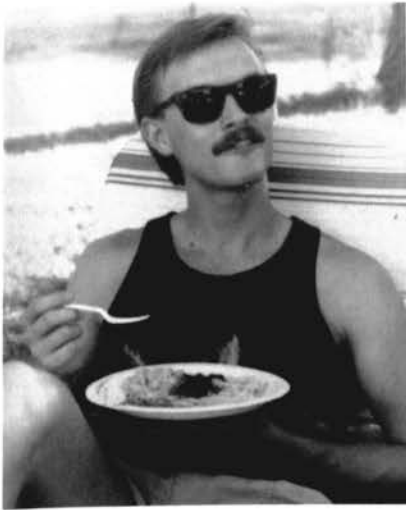
Luke gives new meaning to the phrase 'Tongue in cheek'.



Jonathon tries to convince Shelley that it says studs, not scuds.



Scott accepts Sanjay's marriage proposal.



Geoff Yule, undercover campus cop, detects hashish in the potato salad.



Tom replies, "Sure, Mako, I have protection."



Mike Rush tries to see his own bald spot.



A statement in favor of mandatory sterilization.



Rob works Kim up to her usual fever pitch of passion.



Dr. Bateman and his first delivery.



Rub-a-dub-dub, Amy and three vets in a tub.



Tune in next week when Chris adds weights to the bar.

# MATCH DAY



A matched set of M-4's (Lynn and Kristen)



Actions speak louder than captions (Thom Davis)



I've got two women, but only one beer! (Tim, Amy, and Laura)



Steve Ellis expressing himself in sign language for the hearing impaired.



Sandy is Denver bound!



Jim hasn't been this excited since . . .



To those who are about to intern, we salute you! (Sanjay, Dave and Rob)



Missy and Chris: "If only I could match every day!"



Roger wonders what the Pathology equivalent of a GTA might be (and likes it).



Deann and Tim do their impression of a table set for two.



"Really, Lora, this is how Julie taught me all 76 steps of the physical exam." (John, Lora and Julie)



Kaoru, a SCHMOO, and Who?



# MATCH DAY



Doug Dripps: "Don't think of it as a bald spot; think of it as a solar panel on a love machine."



Mike Shafe: "My blood alcohol level is on its way to becoming my own worst emergency."



Neil tries to explain to whoever will listen.



On one hand there's Brian...



Three blond streaks, two striped shirts, and a full set of teeth.



I wonder if he'll offer to clean my teeth?



Now our checks won't have to say Dr. and Mr. Reyno.



Lora Mills, a smile to melt any heart.



Landon and Chris enjoy Match...



... and on the other, Steve



Laurie B., "I always look this happy."



Just what does he plan to photograph, Marie wonders.



Luke, Laura and Nancy make plans to open their own Pediatric Dermatologic Rehabilitation clinic.



"I'd really like to clean her teeth"



Everyone wants to pick up Mako.



Sajben, the next generation.



... while Tim shows signs of stress and Amy & Laura revert to the oral stage of life.

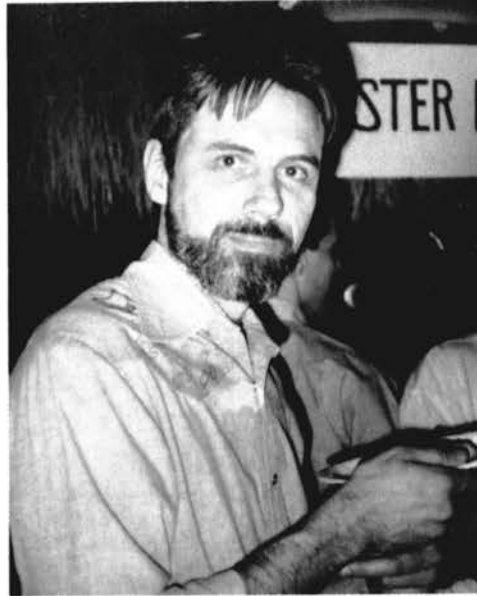


Thom is spent by emotion; Mark is bent by the weight.

# MATCH DAY



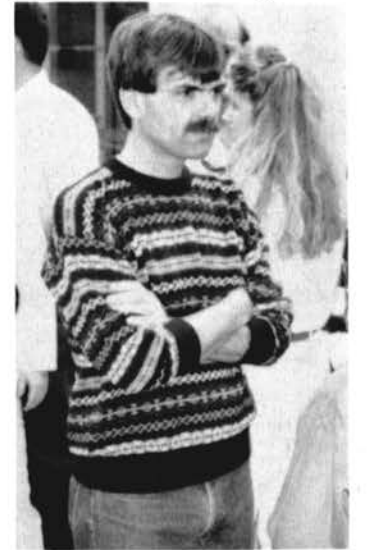
Being an M-4 is hard work, but someone's gotta do it (Keith Ryan)



This is just another day for Andy.



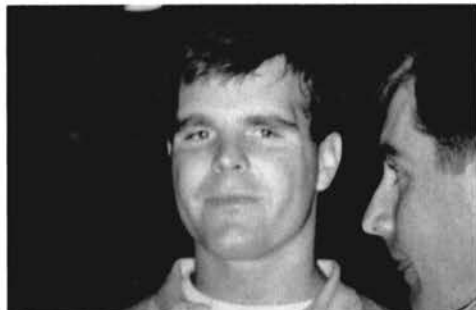
"No, really, I used to be only this tall" (Karie Anderson and Connie Simmons)



Another 4 years at UMC, what was I thinking? Rick Fraser



Indefatigable optimists. Sharon and Steve George



What is in this beer? Andy Pool and Chris Roberts



Tim and Joni — Crest Kids



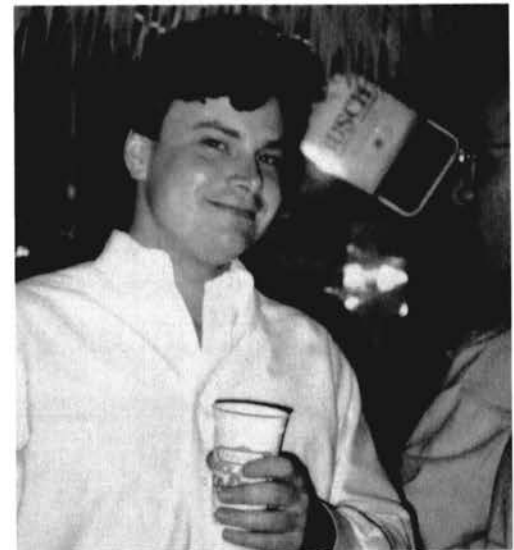
Fentanyl and Versed - tell me later what I did tonight. Joe Meyer



Hey sailor ... (Michelle Bachtel)



Another example of master resembling dog. Daryl Zinck



Bill, pull this beer sign out of my head. (David Auer)



Ha-ha-ha-ha! I matched! Ha-ha-ha ... Patrick Greenwood



Nystagmus? Why would that be a problem in OB? (Kody Kunda)



The latex king. (Dave Lowe)



I don't know what's in the cup, but I matched, so I'll drink it anyway (Dave Duesenberg)

# MATCH



Kim Morris says "Look out, Denver!"



Rob Hunter's and Tim Hall's country cousins have never understood why anyone would not want to attend the Ozark Med/Vet doctoring school.

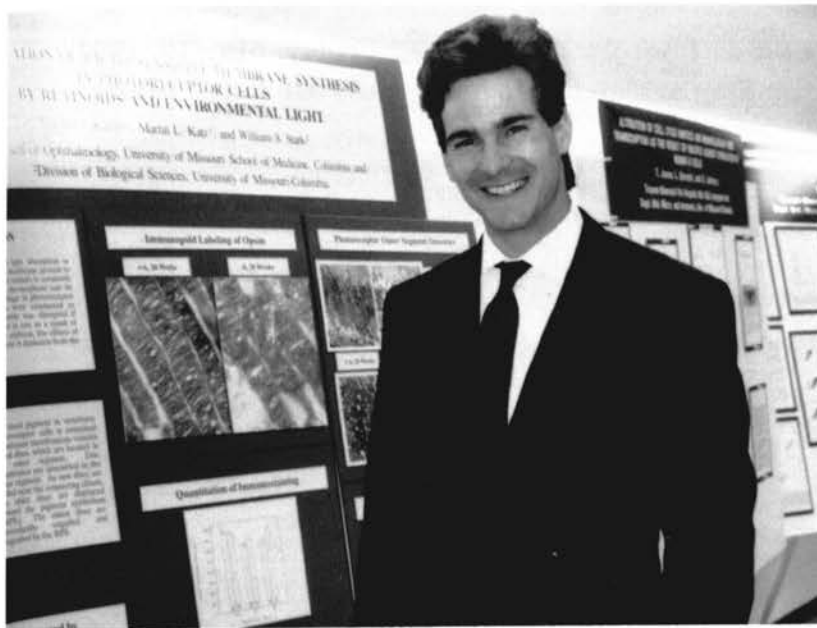


Jeff tells John: "Yep, I'm telling you this is the car Elvis died in. Got it real cheap — can't get the smell out, though."



Chuck, Larry, Jon, Thom, Nancy, Mark, and Laura express their excitement at the Match Day results.

# STUDENT RESEARCH DAY



Mike Kutryb shows off his poster



Research poster gallery

## AWARDS

### Medical Students

- First — Mustafa Kabear, M-2
- Second — Tom Wright, M-3
- Third — Doug Mills, M-2

### Graduate Students

- First — Teri Jones, Microbiology
- Second — Rob Schoberg, Microbiology
- Third — Vicki Thon, Microbiology

### Educational Research

- Brett Bartlett, M.D. and
- Sanford Sharp, M.D. (Pathology)



Tassie Bader, M-2, explains her project to Manish Suthar, M-2



## SCHOOL OF MEDICINE

### HONORS AND AWARDS CONVOCATION

The School of Medicine Honors and Awards Convocation was held Friday, May 10, 1991 to honor students and faculty for outstanding achievement. Recipients are listed below:

#### Alpha Omega Alpha

##### General Scholarship

Richard A. Knittig, M-2

##### Parker B. Francis Memorial Scholarship

Michael A. Grouws, M-3

##### Joseph E. Flynn Memorial Scholarship

Neal A. Honickman, M-4

#### Anatomy and Neurobiology

##### Outstanding Scholastic Achievement in Anatomy

Lindall A. Perry, M-1

#### Anesthesiology

##### Parker B. Francis Award for Excellence in Anesthesiology

Jennifer A. Dye Herfkens, M-4

##### Russell D. Shelden Award for Excellence in Anesthesiology

Mark R. Briesacher, M-3

#### Biochemistry

##### Medical Biochemistry 206 Award

Lindall A. Perry, M-1

##### Medical Biochemistry 208 Award

James E. Kurz, Jr., M-2, Michael G. Maurizi, M-2

#### Child Health

##### Robert L. Jackson Award for Outstanding Performance in Pediatrics

Laura A. Rosenberger, M-4

#### Family and Community Medicine

##### Family Practice Award

Sharon M. George, M-4, Mary S. Michener, M-4

##### Thomas Browne Award

Kyle Steven John, M-2

##### Social and Behavioral Science Outstanding Achievement Award

Lisa K. Jacobs, M-3, Mary Deborah Even, M-3

#### Medicine

##### Department of Medicine Award for Outstanding Achievement

Robert F. Fraser, II, M-4, Geoffrey J. Yule, M-4

##### Division of Dermatology Outstanding Student Award

Lora J. Plattner, M-4

#### Molecular Microbiology and Immunology

##### Microbiology Award

Andrew R. Harrison, M-2

#### Obstetrics and Gynecology

##### Outstanding Student in OB/GYN

Robert F. Fraser, II, M-4

#### Ophthalmology

##### John Aure Buesseler Award for Excellence in Ophthalmology

Michael Joseph Kutryb, M-4

#### Pharmacology

##### Pharmacology Honors Award

Steven A. Carder, M-3

#### Physiology

##### Physiology Award

Andrew R. Harrison, M-2

#### Psychiatry

##### Outstanding Student Achievement in Psychiatry

Jeffrey Benson Huff, M-4, Mark Albert Napier, M-4

Surgery  
 Department of Surgery Award  
 Andrew W. Brown, M-4  
 Michael E. DeBakey Scholar in Cardiothoracic Surgery  
 Stephen P. Haggerty, M-2

Interdisciplinary Award  
 Outstanding Scholastic Achievement in Neuroscience I  
 Carol L. Morcos, M-2

Lange Medical Publications Student Award  
 Mary S. Michener, M-4, Donald G. Morris, M-2

McGraw-Hill Award  
 Barbara Redel Howard, M-1, Christopher J. Tocco, M-1

Upjohn Achievement Award  
 Karen L. Weismantle, M-4

American Medical Association - Medical Student Section  
 Membership Recruitment Award  
 Maria Evans, M-4

American Medical Women's Association  
 Janet J. Glasgow Memorial Achievement Citation  
 Nancy L. Clore, M-4, Sharon M. George, M-4, Mary S. Michener, M-4, Karen L. Weismantle, M-4

Missouri State Medical Association  
 Honors Graduation Award for Outstanding Achievement in the Study of Medicine  
 Michael L. Dawdy, M-4, Patrick K. Ellison, M-4, Sharon M. George, M-4

Boone County Medical Society Auxiliary  
 Outstanding Performance and Academic Excellence  
 James E. Kurz, M-2, James A. Lund, M-4

Sandoz Award  
 Joseph T. Basler, M-2

Missouri Chapter - American College of Emergency Medicine  
 Excellence in Emergency Medicine  
 Patrick J. Greenwood, M-4

Society for Academic Emergency Medicine  
 SAEM Excellence in Emergency Medicine  
 Micheal D. Rush, M-4

Student National Medical Association  
 1991 Graduation Recognition Award  
 Jorge Reyno, M-4  
 Certificate of Recognition  
 Richard A. Holmes, M.D.

Student Affairs Council  
 Faculty Service Award  
 Mitchell Rosenholtz, M.D.

American Medical Student Association  
 Golden Apple Award  
 James Sowash, M.D., Donald York, Ph.D., Ann Havey, M.D.

Samuel P.W. Black Prize for Excellence in Neurosurgery  
 Scott R. Gibbs, M-4

Scott A. Willis Memorial Scholarship  
 Nancy L. Clore, M-4

James L. Chapel Scholarship  
 Rebecca B. Gould, M-2, Lisa K. Jacobs, M-3, Nancy L. Clore, M-4

Ruby T. McVean Scholarship  
 Rebecca Watt Zinck, M-3

James S. Rollins Scholarship  
 Sherwin P. Imlay, M-1, Lindall A. Perry, M-1

Frank E. and Ena Hickerson Rhoads Scholarship  
 Andrew R. Harrison, M-2, Gena R. Kidd, M-2, Richard A. Knittig, M-2,  
 Steven A. Carder, M-3, Brian D. Toalson, M-3

Harvey F. Howitt Memorial Scholarship  
 Bridget M. McCandless, M-3

Elfriede Tachman Memorial Award  
 Kelly J. Bain, M-4

Dean's Certificate of Special Recognition with the J.C. Parrish Scholarship  
 Amy K. Davis, M-4, Maria L. Evans, M-4



# ALPHA OMEGA ALPHA



Back Row - Rick Fraser, Jim Lund, Geoff Yule, Alan Rauba, Sharon George, Steve George, Steve Carder. Middle Row - Brian Toalson, Jennifer Herfkens, Lora Plattner, Nancy Clore, Patrick Ellison, Lisa Jacobs, Joe Meyer. Front Row - Peggy Murphy, Neal Honickman, Karen Weismantle, Mary Michner, Bridget McCandless

# MSAC



Back Row - Bart Sak, Kevin Jones, John Richart, Carl Peters, Kathy Oriel, Dean Norton, Michael Grouws, Amy Davis, Becca Zinck, John Delzell. Front Row - Denise Jackson, Sharon Curtis, Moustafa Kabeer, Mike Wackowski, Annette Wardell, Jane Yang, Jen Tuteur, Luke Sloan, Edie Sigmund.

# GRADUATION EVENTS



Piggin' out.



A couple of real swingers.



Dan, Dave, Mrs. Dave and Edie



Hey look, Toby and his daughter have the same haircut.



The eye dentist and his far sighted friend.



Earth Fa-  
ther  
- Daryl  
Zinck



Steve identifies his body morphology type.



Geoff Yule, Hot Dogger.



\$10,000 clearinghouse winners - Pat and Lori



"Want some candy little girl?" - Mike and Dawn



Doctor Mom



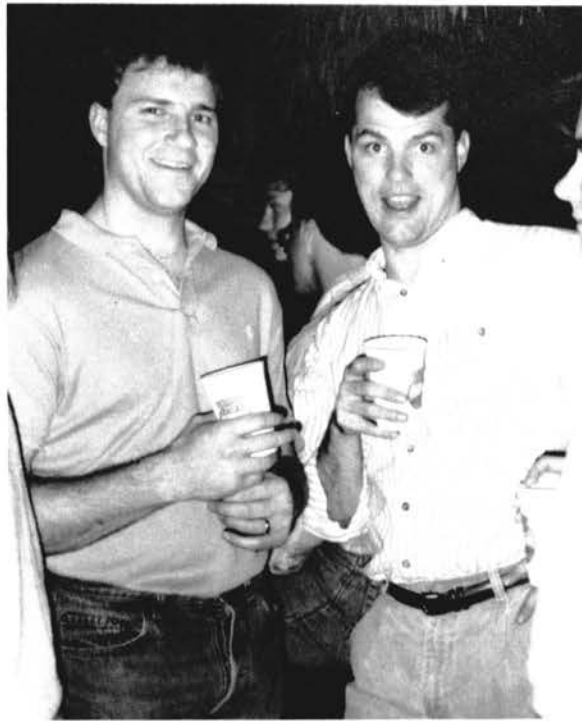
The double D Mako



An experiment with hypothermia.



Rick and his date from Mid-Mo.



"Becky, I've been meaning to tell you where we matched, really." Tom McCormack

It looks like Diamond Dave is between a rock and a hard place.



That's cheese, Tim, not cheesy.

2.5 Michners.

To Rob's surprise, Huff and Houk debate his Axis II.

Loy says, "Cremaster's intact."



Patrick Ellison - professional prostate palpater.

"Lynn, Rob is a married man." Kim Tackitt.



Top Left - Roger Rembecki, Top Center - Ted and Tim react differently to the approaching Laura Rosenberger. Top Right - A little drop of Super Glue is all it takes to keep this puppy up. Middle Left - . . . and it has a built in CD player, power windows. . . Center - When I grow up I want to be just like Hugh Stevenson. Middle Right - Andy Poole Bottom Left - Karie Anderson and Laurie Barozinsky. Bottom Center - Premarital Bliss. Bottom Right - "3 days till graduation, I guess I'll start working on the E. R. paper." - Lora Plattner.

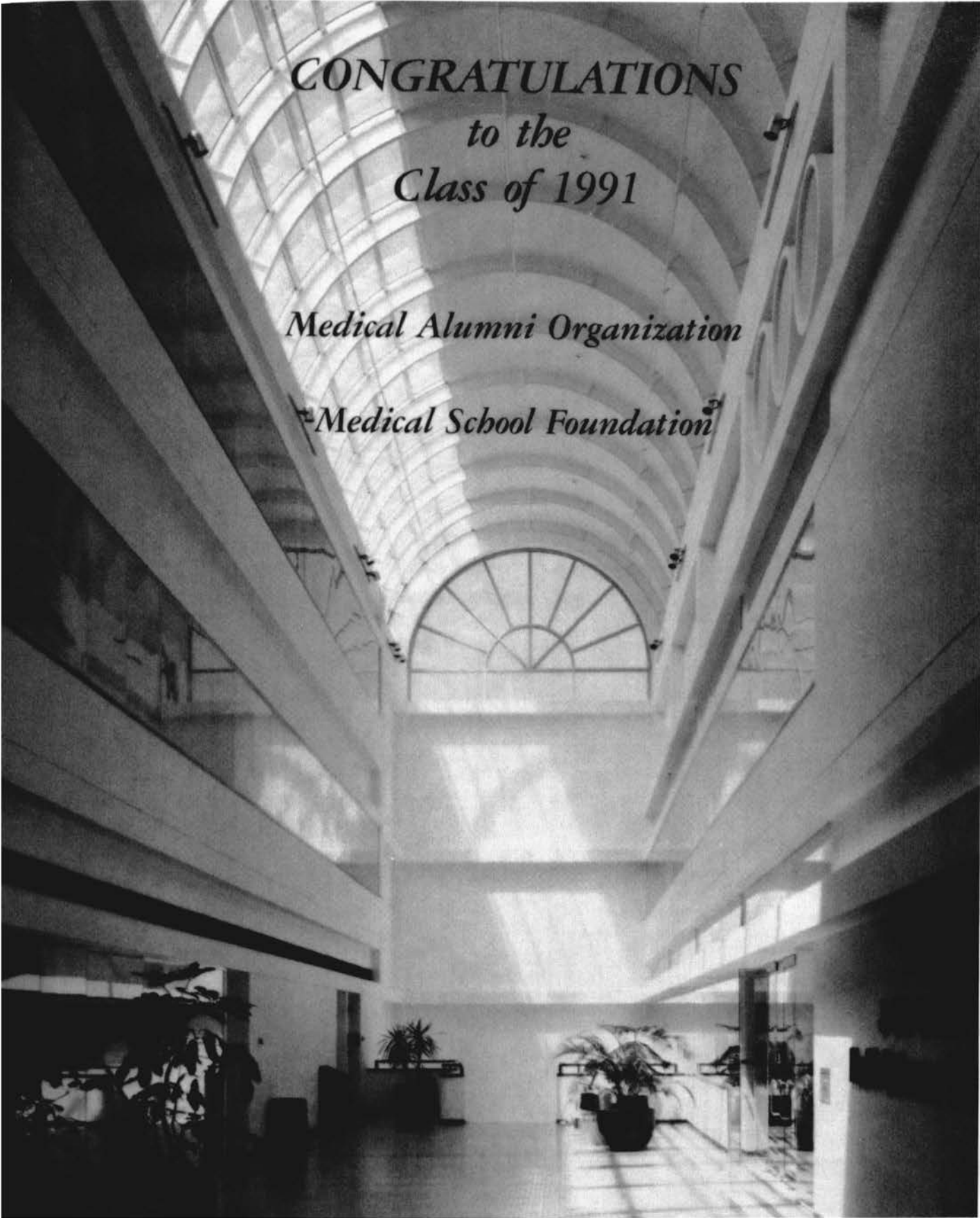


Mark Pfitzner



Ric Wolkowitz, Ray Woodmansee, Mike Rush, Dave Auer, Troy Potter, Patrick Greenwood 187





**CONGRATULATIONS**  
*to the*  
*Class of 1991*

*Medical Alumni Organization*

*Medical School Foundation*





**CONGRATULATIONS**  
to the  
**Class of 1991**

**School of Medicine**

From the OFFICE  
of the  
**DEAN**

*Congratulations*  
to the  
**Graduating Class**  
**UMC School of Medicine**

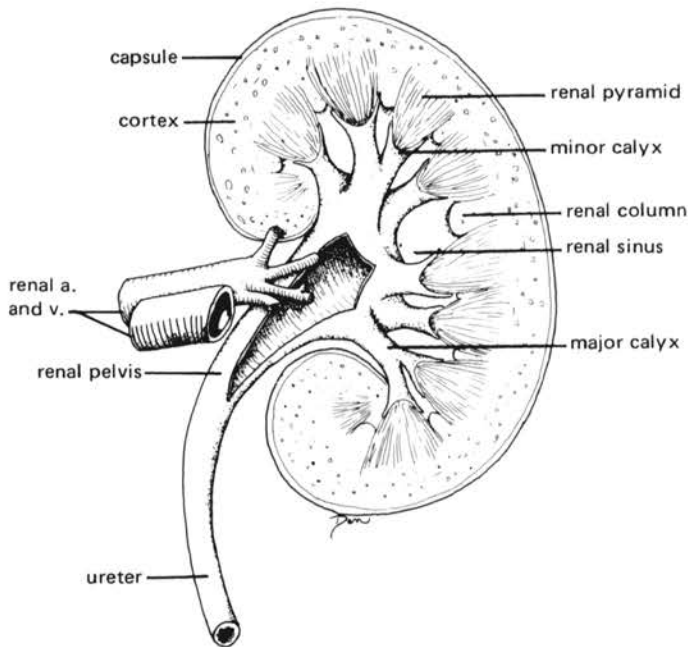


*Serving the area medical community since 1902.*



GOOD LUCK  
to the  
Class of 1991  
from the Dept.  
of Child Health

**CONGRATULATIONS**



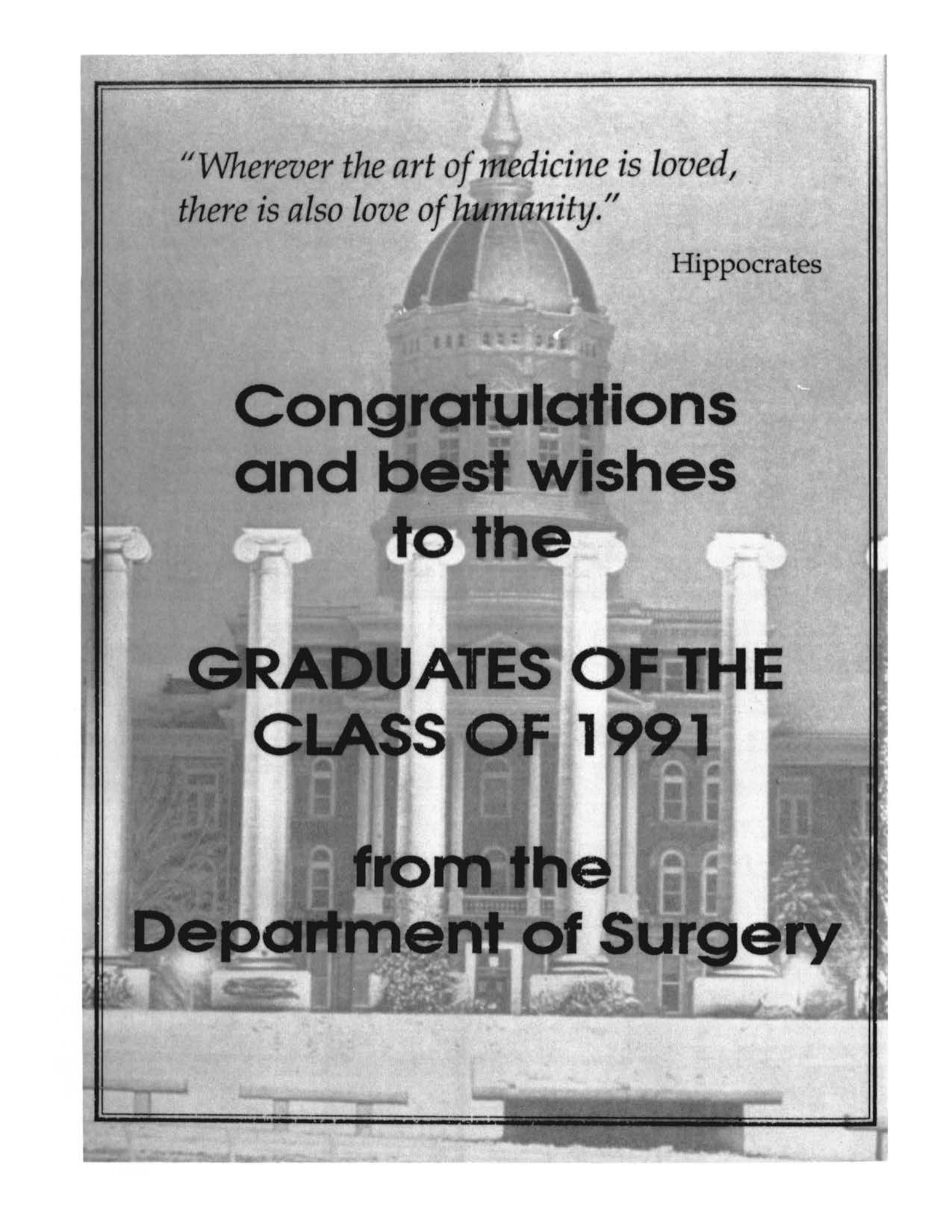
from the division of  
**NEPHROLOGY**

*Best Wishes,*  
from your bank  
in the hospital.

**Boone County  
National Bank**



8th & Broadway/Columbia, MO 65205 • 314/874/8100  
Member FDIC



*"Wherever the art of medicine is loved,  
there is also love of humanity."*

Hippocrates

**Congratulations  
and best wishes  
to the**

**GRADUATES OF THE  
CLASS OF 1991**

**from the  
Department of Surgery**

# CONGRATULATIONS!

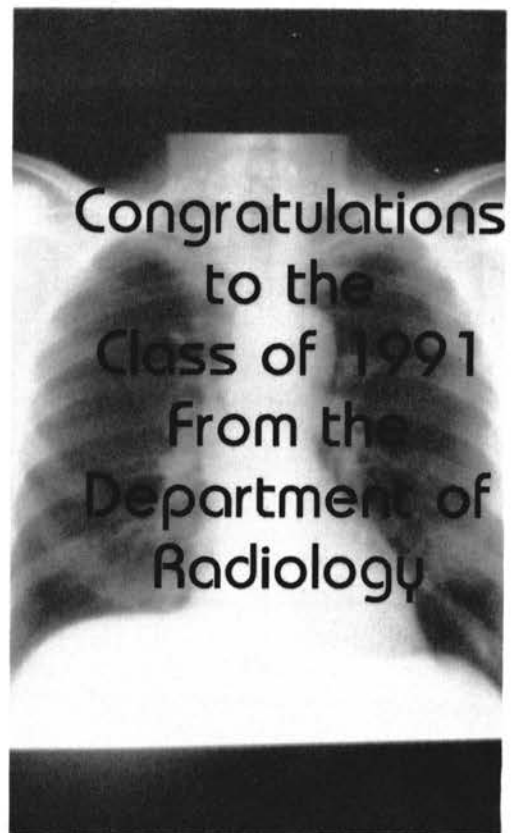
Boone Hospital Center  
would like to extend congratulations  
to the graduates of the  
University of Missouri-Columbia  
School of Medicine.

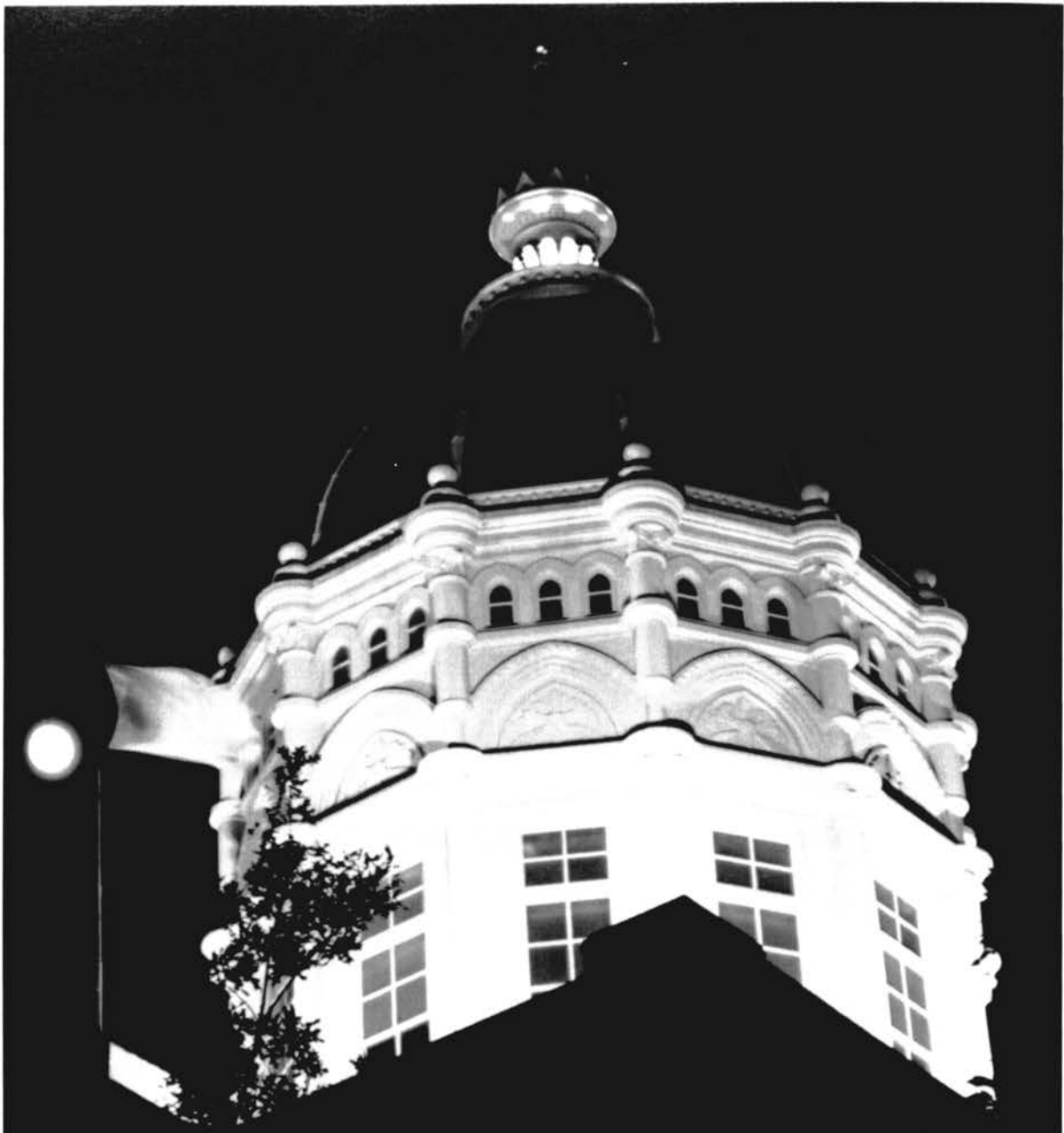
 **Boone Hospital Center**  
*Member of the Christian Health System<sup>SM</sup>*

1600 East Broadway • Columbia, Missouri 65201  
314/875-4545

Best Wishes to  
the Class of  
1991  
from the  
Cosmopolitan  
International  
Diabetes Center  
and division of  
Endocrinology  
and  
Metabolism

**Congratulations**





Medical Students Affairs Council  
Congratulates the Class of 1991.  
Job well done.



Congratulations to the

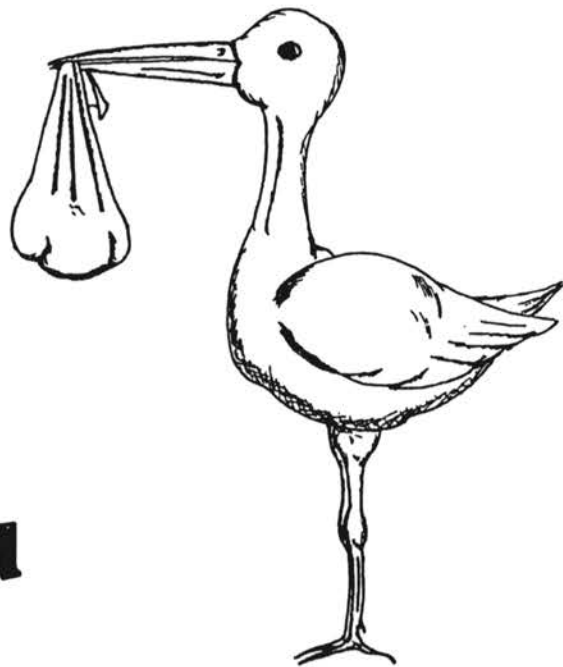
Class of 1991

from the

Department of Internal Medicine



**Best Wishes  
to the  
Class of 1991  
from the  
Department  
of  
Obstetrics and  
Gynecology**





Michael D. Brant



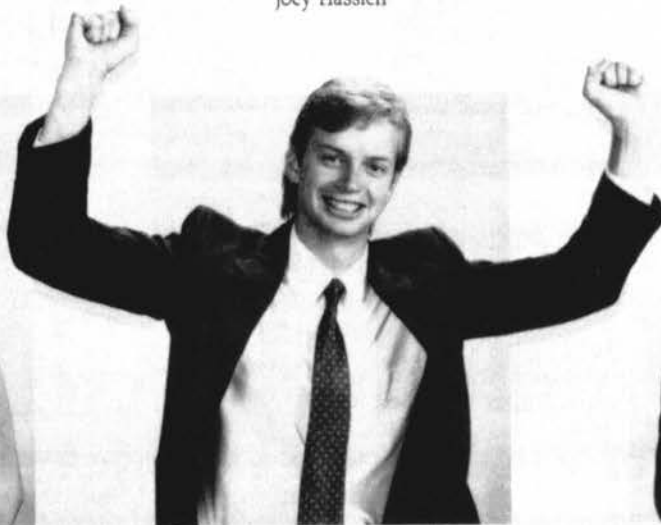
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# You Should Be This Proud.

Medical school demands your best, and you have every reason to feel proud. The Staff for Life shares your pride and extends best wishes for success as you pursue your medical career.



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**Congratulations to the  
Class of 1991  
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and Environmental Medicine**

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# It's Time You Stopped Learning...



## ... Long Enough To Consider All You Have Mastered

As a physician in an age of changing technology and scientific breakthroughs, you never can know it all. But now is a time to pause, see how far you have come, and be proud. Congratulations on your success from University Physicians.

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# FACTS ABOUT VAGINAL TAMPONS

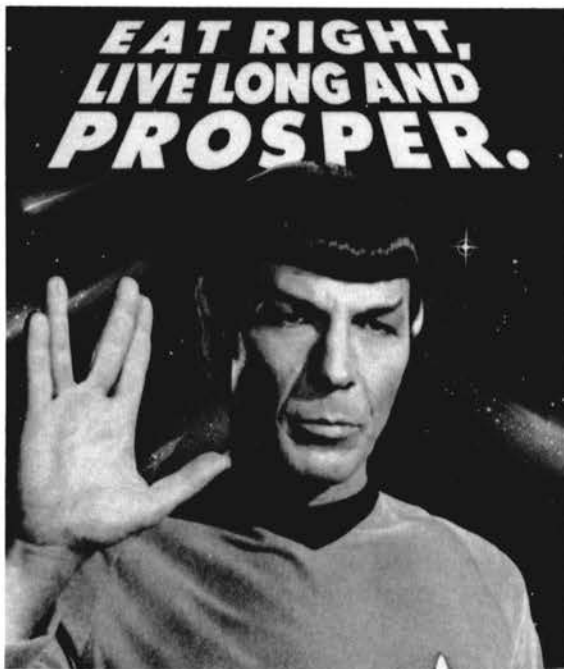
Clinical studies indicate cotton vaginal tampons like Meds meet the catamenial requirements of the normal menstruating woman. This careful research shows that when vaginal tampons are used:

1. Normal tissue remains healthy with their use.<sup>1,2,3,4,5,6,7</sup>
2. They do not cause cramps.<sup>8</sup>
3. They do not back up flow into the peritoneal cavity.<sup>2,3,4,5,6,7</sup>
4. Proper sizes do not alter normal anatomic virginity.<sup>1</sup>
5. They help avoid contamination from the anus.<sup>2,3,4</sup>
6. They do not affect the bacteriologic flora or pH.<sup>8</sup>
7. They help avoid erotic stimulation.<sup>1</sup>

**IN A RECENT NATIONAL SURVEY** made by the Johnson & Johnson Research Foundation among 884 gynecologists and obstetricians, 5 out of 6 doctors reported tampons acceptable for normal women.

**MEDS** were designed by a gynecologist to give new freedom and comfort in sanitary protection. On the basis of authoritative clinical evidence you may safely recommend MEDS<sup>®</sup>, the modern sanitary protection, to all normal women for greater comfort and peace of mind during menstruation. Your patients and friends won't know they're wearing one. Meds mean no chafing or odor... no pads, pins or belts.

1. J. A. M. A. 129-129, 1915	Miss Olive Chesning (special representative to the nursing profession) Personal Products Corp., Dept. AJN-3 Milltown, N. J. Please send me a copy of your booklet, "It's So Much Easier When You Know," and Meds samples (check size). Junior _____ Regular _____ Super _____ Name _____ Address _____ City _____ State _____
2. Am. J. Obs. & Gyn. 47:516, 1914	
3. Am. J. Obs. & Gyn. 14:359, 1913	
4. West. J. Surg., Obs. & Gyn. 31:154, 1912	
5. Med. Rec., 150:216, 1912	
6. Med. Rec., Ann., 37:351, 1911	
7. Clin. Med. & Surg. 14:237, 1909	

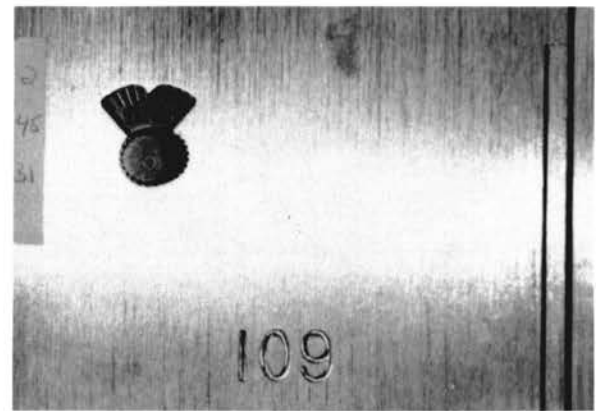


**EATING RIGHT IS HIGHLY LOGICAL.**  
 Recommendations:  
 Eat high-fiber foods, such as fruits, vegetables, and whole grain products.

2. Eat fewer high-fat foods. Maintain normal body weight. And live long and prosper.

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Luke Sloan

## Editor's Note



It is a good feeling to have reached this point in producing the thirty-first edition of the Mutation. Many individuals have contributed time and money to complete this book. I want to thank those who helped. Notable is the staff of the Dean's office: Roberta Settergen, Ted Groshong, Charmian Boyle, Denise Boessen, Denise Payne, Sheri Boland, Traci Stacy and Lynn Gluntz.

It took over a hundred rolls of film, 5000 sheets of photographic paper and gallons of white-out correction fluid to create this collection. We tried to catch all mistakes but I'm sure many slipped by, oh well, given the nature of this beastly job, I am very happy with this collection and hope you enjoy it.

Luke Sloan  
Editor

## ALSO. . . .

Thanks to

Lora Plattner  
Noel Lumpkin  
Susan Hunze  
Mako Shimoda  
Sandy Cox

