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Val Johnson, 1982 alumna.

Michigan State University is an equal-opportunity/affirmative action institution.
MSU-COM First Public Osteopathic College

The Michigan State University College of Osteopathic Medicine was the first university-affiliated and state-supported school of its kind, established by public act of the Michigan legislature in 1969. MSU-COM is the first and only osteopathic institution to offer the Ph.D. and M.S. degrees in addition to the D.O.

It had originally been privately chartered in Pontiac by the Michigan Association of Osteopathic Physicians and Surgeons, who since 1959 had been seeking to eliminate the critical shortage of health care professionals in the state.

After legislative action, the college was transferred to MSU's East Lansing campus as a state-supported institution and enrolled its first class in 1971.

Michigan Provides Healthy Environment For Osteopathic Profession

The state of Michigan has provided a healthy environment for the growth and development of the osteopathic profession.

More osteopathic physicians — approximately 3,650 at last census — are licensed in Michigan than in any other state in the union, and constitute approximately 20% of Michigan's physicians.

These physicians have been notable not only for their quantity but for the quality of their commitment. Recognizing the state's need for family physicians, especially in rural areas, they began through personal contributions the forerunner of MSU-COM — the Michigan College of Osteopathic Medicine in Pontiac. They have continued to support osteopathic education through their gifts to the Michigan Osteopathic College Foundation, which provides funds for continuing medical education programs, scholarships and loans for osteopathic students, research, the dean's fund and other programs at MSU-COM, and other unrestricted grant programs.

After the move of the College of Osteopathic Medicine from Pontiac to East Lansing, the facilities were retained as the Michigan Center for Continuing Education in Osteopathic Medicine, a unique institution. The Center supports a myriad of programs for osteopathic physicians and other health professionals, provides library and laboratory facilities for self-study, offers meeting rooms to members of the profession, and sponsors exhibits and other media for osteopathic education.

During the last year, the 50 programs at the Center have included the presentation of scientific papers and clinical programs. The 1,686 physicians who attended continuing medical education programs at Pontiac during 1981 received a total of nearly 21,000 Category I CME credits. Since the Center opened seven years ago, it has awarded nearly 200,000 CME credits, sponsored more than 400 programs with physician attendance of more than 23,000. Students are welcome to attend any of the programs at no charge.

There are 31 osteopathic hospitals in Michigan, providing more than 5,000 beds and a wide variety of treatment modalities and outpatient services.

The Michigan Association of Osteopathic Physicians and Surgeons, associated with the American Osteopathic Association, includes 21 component societies across the state.
Michigan State University Is World's Only Institution Awarding D.O., M.D., and D.V.M. Degrees

Michigan State University College of Osteopathic Medicine is unique in that it jointly administers its biological science, behavioral science, and some clinical departments with two other schools of medicine on the campus—the College of Veterinary Medicine, which was established in 1910, and the allopathic College of Human Medicine, established in 1966 and so named in deference to its veterinary predecessor. Departments jointly administered with the College of Osteopathic Medicine include Anatomy, Biochemistry, Community Health Science, Microbiology and Public Health, Pathology, Pharmacology and Toxicology, Physiology, Psychiatry, and Radiology. Departments administered solely by the osteopathic college include Biomechanics, Family Medicine, Internal Medicine, Osteopathic Medicine, and Pediatrics.

MSU College of Osteopathic Medicine
A National Catalyst in Osteopathic Education

Michigan State University's College of Osteopathic Medicine—founded in 1969 as the first new osteopathic educational institution in the United States in more than 50 years—has been instrumental in the establishment of younger osteopathic colleges and influential in their programs for medical education.

Within the last few years, top administrators for four of the nation's new colleges of osteopathic medicine have come from the MSU college.

Through its Medical Scientist Training Plan and its Faculty Development Programs, MSU-COM has demonstrated its commitment to broadening the base of academicians, researchers and administrators for all of osteopathic education.

Colleges established before MSU-COM include the Kirksville College of Osteopathic Medicine (1892), the College of Osteopathic Medicine and Surgery at Des Moines (1898), the Philadelphia College of Osteopathic Medicine (1899), the Chicago College of Osteopathic Medicine (1900), and the Kansas City College of Osteopathic Medicine (1916).

Osteopathic educational institutions founded after MSU-COM include the Texas College of Osteopathic Medicine (1970), the Oklahoma College of Osteopathic Medicine and Surgery (1972), the West Virginia School of Osteopathic Medicine (1972), the Ohio College of Osteopathic Medicine (1975), the New York College of Osteopathic Medicine (1978), and the New Jersey School of Osteopathic Medicine (1978).

Two other schools, the College of Osteopathic Medicine of the Pacific in Pomona, California, and the New England College of Osteopathic Medicine in Biddeford, Maine, received full accreditation when their first classes graduated in June 1982. Another school, the Southeastern College of Osteopathic Medicine in North Miami Beach, Florida, has received provisional accreditation and entered its first class September 1981.
Off-Campus Clinical Training
Built on Broad Community Base

Much of the clinical training of students in the College of Osteopathic Medicine is made possible through clinics, ambulatory care centers, and community hospitals affiliated with the college.

Clinical experiences are offered to students in modules at the MSU Clinical Center, in affiliated hospitals, in physician-preceptor offices, and at community health centers in Lansing.

Students also take clinical clerkships, including ambulatory and inpatient care, in community hospitals and health care agencies formally affiliated with the college, and in physicians' offices as part of the Preceptor and the Junior Partnership Programs.

Affiliated hospitals include Bi-County Community Hospital, Warren; Botsford General Hospital, Farmington Hills; Detroit Osteopathic Hospital; Flint Osteopathic Hospital; Garden City Hospital (Osteopathic); Grand Rapids Osteopathic Hospital; Jackson Osteopathic Hospital; Lakeview General Hospital, Battle Creek; Lansing General Hospital; Martin Place Hospital, Madison Heights; Michigan Osteopathic Medical Center, Inc., Detroit; Mount Clemens General Hospital; Pontiac Osteopathic Hospital; Riverside Osteopathic Hospital, Trenton; Saginaw Osteopathic Hospital; Traverse City Osteopathic Hospital.

Preceptorship Training At MSU-COM: Inner-City, Rural and Suburban Settings

For four consecutive terms, second-year students from the College of Osteopathic Medicine leave their classrooms to observe osteopathic family physicians at work. The students are each assigned to either an MSU-COM preceptor or to one of the ambulatory care clinics supervised by clinical faculty from the Department of Family Medicine.

Students receive this clinical training in primary care settings that vary from inner city clinics to suburban or rural practices. These four-term, one-credit preceptorships are designed to provide students with practical experience in all aspects of the delivery of health care, with particular emphasis on osteopathic patient management.

After each preceptorship course the students are prepared to enter the next clinical experience in the series. Each succeeding experience increases in complexity, and the students are expected to assume greater responsibility with each term. Upon completion of all preceptorship experiences, the students are ready to enter the Junior Partnership Program with family physicians for concentrated, in-depth clinical training in family medicine.

Nicholas Fiel, D.O., and Margot Kurtz, Ph.D., are co-directors of the programs.
Fee Hall Facilities

Media Services Provide
Instructional Materials, Equipment

This unit functions as a distribution and maintenance service for a wide range of audiovisual equipment items. Additionally, all lectures are recorded on audiotape. High speed tape duplication equipment is used to make copies for the Carrel Room and individual students.

Media Services also operates a small color television production and distribution center. Portable equipment is used to videotape certain student learning activities. Both studio and remote production provides instructional materials for a variety of uses. Television programs are distributed to classrooms electronically or with portable equipment.

Quiet Study Area Includes
Carrels, Journals, Microfiche

A quiet independent study area usually referred to as the Carrel Room is located in E-4 Fee Hall next to Fee Snack Shop. Health professions students have ready access to a growing library of supplemental and assigned instructional materials in this facility, which is fully equipped with videotape and audiotape playback units, slide projectors, motion picture projectors, microfiche readers, microscopes and the like. Print materials are limited to those necessary to accompany audiovisual materials, but 30 to 40 medical journals are available in E-6 Fee Hall. Additionally, a large number of simulation devices may be obtained through the checkout counter in the Carrel Room. The tentative fall schedule for the Carrel Room is as follows:

Monday–Thursday,
  10 a.m. to 10 p.m.
Friday,
  10 a.m. to 5 p.m.
Saturday,
  12 noon to 5 p.m.
Sunday,
  2 p.m. to 8 p.m.

“Alimentary, My Dear Watson . . .”

Faculty, students and staff who succumb to cravings from the interior during their tenure at Fee Hall often seek reprieve in the basement snack shop.

The menu ranges from breakfast dishes such as eggs, bacon, doughnuts, orange juice and coffee to lunch specialties such as giant subs, burgers, soups, fish and chips, salads and daily specials. For inveterate snackers, there is an ample supply of fresh fruit, pastries, chips, yogurt, ice cream and milk shakes.

During summer term the Fee snack shop will be open from 7:30 a.m. to 3:30 p.m. For information, call 353-1995.
Faculty Development Programs Assist Physician-Teachers

Assisting faculty to make the transition from medical practitioners to teachers, as well as helping all faculty to gain or enhance teaching skills, are the goals of the Faculty Development Program.

Included in the program are teaching strategies, development of evaluation tools, administration skills, time management, and interpersonal skills.

In developing the program, the expertise of individuals from within the college and throughout the University is utilized.

Strong Research Emphasis At MSU College of Osteopathic Medicine

Because it is part of a major university, MSU’s College of Osteopathic Medicine has had an opportunity unique among the nation’s osteopathic schools to make a strong commitment to research. The college’s research effort, which is not limited to uniquely osteopathic topics, extends to all of the biological and clinical departments and to several interdepartmental programs.

Research in the biological science departments (such as anatomy, biochemistry, microbiology, physiology, etc.) is supported by millions of dollars in funding from private and public agencies. These departments, which are jointly administered by other colleges as well, are well established and account for much of the college’s research effort.

The Department of Biomechanics research is concentrated in the properties of tissues, their interaction as a support system, the dynamics of motion, and clinical applications related to diagnostics and therapy of this system. A systems anthropometry laboratory provides the capability to measure, three-dimensionally, the centers of joint motion and the motion of specific landmarks in the body. The tissue biomechanics laboratory consists of a specially built hydraulic testing machine with computer control capable of imposing various load or deformation patterns upon tissue and monitoring the response.

The Carcinogenesis Laboratory of the college is exploring the cancer-causing effects of chemical and environmental agents on DNA and mutation rates. This interdisciplinary research is funded by major grants from the National Cancer Institute, American Cancer Society and Department of Energy.

Another example of interdisciplinary research occurs in the Neuroscience Program, which spans a number of departments and is administered by the College.

Pilot studies by College researchers are funded by seed monies from the College and NIH. As a result in part, grants awarded since 1975 have increased tenfold in new externally funded grants. Applications from faculty for these general research support grants may be submitted each fall and spring.
Graduate Program
Focused on Ph.D/D.O. Study

The Michigan State University College of Osteopathic Medicine is the first and only osteopathic medical school to award Ph.D. and master's degrees in addition to the D.O. degree.

Opportunities for combined Ph.D./D.O. study are offered in the College's unique Medical Scientist Training Plan, developed to meet the national need for well-trained osteopathic medical scientists and educators. Traineeships are available competitively.

The plan includes three programs for both degrees:

I. Students holding a bachelor's or master's degree and pursuing D.O. and Ph.D. degrees simultaneously.

II. Students holding the Ph.D. degree and pursuing the D.O. degree.

III. Students holding the D.O. degree and pursuing the Ph.D. degree.

SHORT-TERM RESEARCH PROJECTS

The College of Osteopathic Medicine encourages short-term research training for osteopathic medical students who want to explore or continue research but not pursue a graduate degree. Traineeships are available competitively for an off term each year, usually in summer.

One such opportunity is offered through the College's participation in MSU's Biomedical Student Research Program, which has been funded through a five-year grant from the National Institutes of Health and through other agencies. The program provides fellowships each summer to 30 selected trainees from MSU's Colleges of Osteopathic Medicine, Human Medicine and Veterinary Medicine.

College of Osteopathic Medicine
Year in Review: 1981-82

June 1981

One hundred and one students — including 66 men and 35 women — were honored at hooding ceremonies at the MSU Auditorium. A banquet and dance followed at Long's.

Dean Myron S. Magen received an honorary Doctor of Science degree from the College of Osteopathic Medicine and Surgery in Des Moines.

Following orientation, 125 students began studies at the College of Osteopathic Medicine as members of the 1981 entering class.

Kay White, Ph.D., was approved for appointment as assistant dean for student affairs by the MSU Board of Trustees.
July 1981

Health clinics for migrant farm workers were staffed in volunteer efforts by faculty and students from MSU-COM.

August 1981

Carlos J. Caguiat, administrator of two family health centers in the Bronx, New York, assumed duties as administrative director of the MSU Clinical Center.

Patricia Soutas Cole was named director of development for medical programs at MSU to administer a comprehensive development program for the university's three medical schools.

September 1981

Gladys Atkins Courtney assumed duties as dean of MSU's College of Nursing. She was formerly professor and dean of nursing at the University of Missouri - Columbia.

Adalbert Koestner, former professor and chairman of veterinary pathobiology and clinical professor of medical pathology at Ohio State University, assumed the post of chairman of the Department of Pathology at MSU.

Richard E. Griffin, professor of family medicine, was named acting chairman of the department. He has been a member of the MSU-COM faculty since 1976.

October 1981

The establishment of the Institute for Research and Advanced Study for the College of Osteopathic Medicine was approved by the MSU Board of Trustees. Under the direction of Philipp Gerhardt, the Institute includes the Carcinogenesis Laboratory, the Neuroscience Program, rehabilitation engineering services, general research support, general advanced studies, and the Medical Scientist Training Plan.

Team physicians and trainers for MSU's intercollegiate athletes opened a new sports medicine clinic at the MSU Clinical Center as part of the Institute for Health and Human Fitness.

November 1981

At the annual convocation, Nobel laureate Frederick C. Robbins, president of the Institute of Medicine of the National Academy of Sciences, urged members of the 1981 entering class to adapt as physicians to medical changes caused by changes in the society.

Recipients of the Walter F. Patenge Medals of Public Service were Frederick Robbins; James H. Brickley, lieutenant governor of Michigan; J.S. Denslow, consultant to the president of the Kirksville College of Osteopathic Medicine; and John T. O'Connor, president of the Michigan Association of Osteopathic Physicians and Surgeons.

Two MSU-COM students — Ron Bradley and Alan Kennedy — took top honors in the Biomedical Students Research Forum.

December 1981

Moving trucks were a common site around Fee Hall as a number of faculty and staff occupied offices renovated from dormitory rooms in West Fee Hall.
January 1982

More than $68,000 in General Research Support Grants were awarded through competition to researchers at MSU-COM as seed moneys for pilot projects.

A clinic to meet the special needs of adolescents was opened at the MSU Clinical Center as part of the services offered by the Department of Pediatrics.

Representatives from osteopathic hospitals from around the nation came to MSU-COM to offer students information on educational programs and internships.

A new transmission electron microscope, with a magnification of 352,000 and a resolution of 1.4 angstroms, was the focus of the Department of Anatomy/MSU-COM Laboratory of Ultrastructural Research.

February 1982

With dwindling financial aid programs, medical students looked for alternatives to meet the squeeze on resources. The average student graduating from the MSU-COM during 1982 left $40,000 in debt for medical education.

Donald H. Briner, professor of internal medicine and rheumatology at MSU since 1979, was named chairman of the Department of Internal Medicine by the MSU Board of Trustees.

Of the 17 MSU faculty members recently receiving the university's highest awards for teaching, research and public service, three were from the MSU College of Osteopathic Medicine. Recognized were Philipp Gerhardt, associate dean for research and graduate study; John M. Hunter, professor of community health science; and Steven R. Heidemann, assistant professor of physiology.

Nearly 80 persons joined the MSU-COM Alumni Association's "seminar in the sun," this year held at Cancun.

March 1982

Gale Harris was appointed associate director of the Institute for Research and Advanced Study. Harris, associate professor of both radiology and physics at MSU since 1975, also serves as assistant chairman of the Department of Radiology.

April 1982

MSU-COM researchers John Downs and Kenneth Stephens completed this year's round of physiological testing on MSU hockey players. Their research includes testing during exercise on a treadmill, measurements of oxygen consumption, telemetry EKGs, and anthropometric studies.

May 1982

Faculty from MSU-COM were well-represented at the annual convention of the Michigan Association of Osteopathic Physicians and Surgeons. The MSU D.O.s gave a number of scientific presentations, and MSU hosted a hospitality suite and exhibit.
Medical Schools—Fee Hall

- College of Osteopathic Medicine Office of the Dean: A308 5-9611
- College of Human Medicine Office of the Dean: A118 3-1730
- College of Veterinary Medicine Office of the Dean: A133 5-6509
- Academic Affairs COM: A329 3-8822
- Admissions COM: C311 3-7740
- Alumni Information COM: A329 3-8822
- Anatomy Department: A519 3-6380
- Anatomy Learning Center: E102 3-6380
- Biomechanics: A419 3-9110
- Business Office COM: A302 3-5470
- Carcinogenesis Lab COM: B647 3-7785
- Carrel Room COM: E4 3-0752
- Child Psychiatry: A222 3-9242
- Community Health Science: B405 3-7780
- Copy Center: E111 3-6677
- Counseling & Growth Center: B111 3-5260
- Educational Resources COM: A331 3-4734
- Electron Microscopy Lab: C18 5-1698
- Faculty Development COM: A336 3-7285
- Family Medicine Department: B205 3-4730
- Fee TV COM: C13 5-4546
- Information Systems & Analysis: A339 5-4748
- Internal Medicine Department: B311 3-3211
- Lab Animal Care Service: C10 3-9651
- Mail Room: E113 3-2242
- Medical Humanities: A106 5-7550
- Medicine & Health Information: A314 3-0820
- Microbiology Lab: E216 3-4605
- OMERAD: A217 3-7791
- Osteopathic Medicine Department: B305 3-8470
- Pathology: A522 5-6504
- Pathology Chairman: A622 3-9160
- Pediatrics Department: B301 3-3100
- Planning COM: A310 5-9611
- Psychiatry Chairman: A222 3-4361
- Psychiatry: A227 3-9242
- Research COM: A310 3-1780
- Snack Shop: E5 3-1995
- Student Affairs COM: C110 3-7741
- Unit III Office: A327 3-8823
- Willed Body Program (Anatomy): C203 3-5398
- West Fee Apt. Mgr.: D131 3-1990

Note: The Fee Hall Complex (East, West) is divided into 5 wings. Each wing is identified with a letter: A - B - C - D - E. The letter preceding the room number indicates the wing in which an office is located. See diagram above.
Administrative Officers

MYRON S. MGEN, D.O., dean: overall administrative responsibility for the college.

PHILIP E. GREENMAN, D.O., associate dean: participates in and performs administrative activities for the college, particularly with the internal constituencies; serves as acting dean during absence of the dean; general oversight responsibility and liaison with clinical educational facilities for program development; director of Institute of Health and Human Fitness.

PHILIPP GERHARDT, Ph.D., associate dean for research and advanced study: delegated administrative responsibility for research affairs including the general research support program, extramural grants and contracts, and the carcinogenesis laboratories; and for graduate-study affairs including M.S. and Ph.D. degree programs, the medical scientist (Ph.D. plus D.O. degree) training plan, and the neuroscience program; director of the Institute for Research and Advanced Study.

DONALD E. McBRIEDE, D.O., associate dean for academic affairs: administrative management of the total academic program, including administration of the curriculum as defined by the Curriculum Committee and as implemented by the academic units to which instruction is assigned; administrative responsibility for all college (OST) interdisciplinary courses; liaison for decentralized clinical faculty and the campus-based college programs.

GAIL RIGLE, Ph.D., assistant dean for curriculum: supervises academic support for faculty, students and the Curriculum Committee, including scheduling, student evaluation and program evaluation.

FRED C. TINNING, Ph.D., assistant dean for planning: planning for the College's program operation, policy analysis, and faculty activity analysis, including program budget, fiscal planning and projection, legislative liaison, program and resource development and utilization; program analysis, including costs assessment, computer utilization, and basic management assessment.
KAY E. WHITE, Ph.D., assistant dean for student affairs: administration of all student support services tangential to the academic program for the college, including admissions, enrollment and registration, student records, promotion and retention; certification for graduation, licensure and staff privileges; academic advisement, counseling, and exceptional academic support services.

ELISSA GATLIN, Ph.D., assistant director of admissions: provision of information about the college to premedical advisers in colleges and universities, to prospective students, and to practicing physicians; administration of the admission of students into the program.

CELIA B. GURO, Ph.D., coordinator for counseling and academic advising: performs academic advising, personal counseling; directs activities of academic advisers; provides programs for professional student activities.

ANNETTE KABARA, fiscal officer: planning and supervision of fiscal management and budget projections and monitoring, review of staff and equipment requirements, and preparation of financial statements. Line responsibility for the unit of professional services.

SANDRA A. KILBOURN, M.A., coordinator for continuing medical education: coordinates all postgraduate courses, on-campus and off-campus, assists clinical faculty in understanding state and professional rules and regulations regarding CME. Serves as contact for outside organizations needing information on osteopathic continuing education.

BRUCE L. MILES, Ph.D., coordinator for educational resources: provides consultive services to faculty in the design, development and implementation of instructional systems and materials. Supervises numerous student-faculty media support and production facilities.

JANE A. WALDRON, Unit III coordinator: coordination of clinical clerkships, liaison with directors of medical education in affiliated hospitals, and liaison of Unit III students.
Student Organizations

Student Osteopathic Medical Association

The chapter of the Student Osteopathic Medical Association, a national service organization of osteopathic medical students, was organized at the MSU College of Osteopathic Medicine in 1977.

On the national level, SOMA represents more than 70% of the osteopathic medical students, and has been involved in activities ranging from testimony before Congress on matters of concern to medical students to changing references to osteopathic medicine in the recent MCAT questionnaire.

This year SOMA has been working on a letter-writing campaign to save student financial aids. SOMA is also involved in the development and implementation of the AOA-SOMA Preceptorship Program, which provides osteopathic medical students with the opportunity to experience additional health care delivery, thereby promoting growth and self development and maintaining interest in primary care.

Officers for the 1982-83 year are Frank Brettschneider, president; Mike Connor, vice-president; Robert Alaimo, secretary; Martin Weitzel, treasurer; Cathy Zimmerman, national board representative; and Ruth Walkotten, social chairman. Brad Clegg serves as national SOMA vice president.

Sigma Sigma Phi

Sigma Sigma Phi, a national osteopathic fraternity, began its Iota chapter at the MSU College of Osteopathic Medicine in 1977.

A primary goal of the chapter is service through community health programs. Activities sponsored by the fraternity have included a continuing medical education symposium focusing on the major nutritional problems encountered by general practitioners, a Red Cross blood drive, a blood pressure screening clinic in the community, and athletic physicals in local high schools. Recently, they have developed a system whereby students can purchase their medical books at a reduced price. The organization has also sponsored a series of national board review lectures which help second year students prepare for Part I of the national boards.

Officers for the 1982-83 year are Lynn Gibson, president; Bob Tillotson, vice-president; Janis Saunders, secretary; James Van Popering, treasurer.

Kenneth Stringer, D.O., assistant professor of pediatrics, is adviser of the group.

Undergraduate American Academy of Osteopathy

The Undergraduate American Academy of Osteopathy (UAAO) is an educational service organization which focuses on the manipulative and holistic aspects of osteopathic medicine. The Fellows of American Academy of Osteopathy (FAAO) are specialists in this area.

The UAAO has provided both didactic and "hands-on" experience, including a weekend workshop on the "Counterstrain Technique" with Harold Schwartz, D.O., and a week-long workshop on "Cranial Therapy" with Viola Frymann, D.O., F.A.A.O. Upcoming events include lectures on deep relaxation, homeopathy, maternal grief and grieving, and an in-depth workshop on fascial release techniques.

Present coordinators of the UAAO are Will Page-Echols and Dave Hyler. Laurie Barkway is group treasurer. Robert C. Ward, D.O., professor of biomechanics, is adviser.
Student Chapter: OGPM/ACGP

The MSU-COM student chapter of the Osteopathic General Practitioners of Michigan/American College of General Practice promotes an awareness and appreciation of general practice. Previously titled the Michigan Association of Osteopathic General Practitioners/American College of General Practitioners in Osteopathic Medicine and Surgery, the chapter has, this past year, arranged an orientation to general practice with physicians in the OGPM.

Student-planned events have included seminars on how to deal with cases of child abuse and sexual assault, as well as sessions on cardiopulmonary resuscitation, frostbite, and emergency medicine.

Officers of 1982-83 are Larry Pepper, president; Fred Hogan, vice-president; Marcola Doehring, secretary; and Gust Mills, treasurer.

Student Associate Auxiliary

The MSU-COM Student Associate Auxiliary was organized to provide a means for those new to East Lansing, to MSU, and to "medical matrimony" to share experiences and meet common needs.

The organization, made up primarily of spouses of students, participates in various service projects, holds educational and informational monthly programs, and organizes various social functions.

Recent activities have included an all-school picnic, participation in the Channel 23 membership drive and auction and provision of a Thanksgiving basket to the needy.

Officers for 1982-83 include Joanne Wilkins, president; Linda Smalley, vice president; Kathy Born, secretary; and Tina Butto, treasurer; and Patty Savoie, public relations chair.

Clinical Departments Provide Basis For Medical School Education and Service

The five following departments are administered solely by the Michigan State University College of Osteopathic Medicine.

Department of Biomechanics

The Department of Biomechanics was established as a research entity to perform both basic and applied clinical studies into the interrelationship of the body's structure and function. Faculty are involved in teaching, clinical practice, and research in areas of manual medicine.

The departmental office is located in A419 E. Fee Hall, phone 353-9110. Chairman is Robert Wm. Little, Ph.D.

Resident faculty include:

Jean B. Burnett, Ph.D.
Richard C. Hallgren, Ph.D.
Robert P. Hubbard, Ph.D.
Jon J. Kabara, Ph.D.
Robert Wm. Little, Ph.D.
James J. Rechtien, D.O., Ph.D.

Ernest W. Retzlaff, Ph.D.
Herbert M. Reynolds, Ph.D.
Sarah A. Sprafka, Ph.D.
John Uplegger, D.O.
Robert C. Ward, D.O.
Department of Family Medicine

The Department of Family Medicine is involved in the teaching and practice of family medicine — the comprehensive and continuing responsibility for patients and members of their families, regardless of age. The departmental office is located in B205 West Fee; phone 353-4730. Acting chairman is Richard E. Griffin, D.O.

Resident faculty include:

Margaret Aguwa, D.O., M.P.H.  William L. Johnston, D.O.
Myron C. Beal, D.O.  Margot Kurtz, Ph.D.
Lynn F. Brumm, D.O.  Edward Lee, D.O., M.P.H.
James J. Davis, D.O.  Jasper Lillie, D.O.
Nicholas Fiel, D.O.  John McNeil, D.O.
John Goodridge, D.O.  L. A. Marohn, D.O.
Richard E. Griffin, D.O.  Fred L. Mitchell, Jr., D.O.
George A. Gross, D.O., M.P.H.  Gordon Spink, D.O., Ph.D.
Linda Hernandez, D.O.  John Thornburg, D.O., Ph.D.
Lon A. Hoover, D.O.  Donald E. Waite, D.O., M.P.H.
Shirley M. Johnson, Ph.D., M.P.H.

Department of Internal Medicine

The mission of the Department of Internal Medicine is undergraduate education in the specialty and subspecialties of internal medicine. Its members offer tertiary care to the community and are actively engaged in clinically oriented research. The departmental office is B311 West Fee Hall; phone 353-3211. Chairman is Donald H. Briner, D.O.

Resident faculty include:

Donald H. Briner, D.O.  Christopher T. Meyer, D.O.
Dorothy E. Carnegie, D.O.  John W. Morlock, D.O.
William Carnegie, D.O.  Ralph Otten, D.O.
John M. Costantino, D.O.  George E. Ristow, D.O.
Howard A. Dean, D.O.  James R. Yarnal, D.O.
John Gobel, D.O.

Department of Osteopathic Medicine

The Department of Osteopathic Medicine is organized to represent the disciplines of surgery and its subspecialties, and obstetrics and gynecology. Its faculty are involved in the development of classroom, hospital, clinic and specialty programs. The departmental office is located in B305 West Fee; phone 353-8470. Chairman is Walter C. Mill, D.O.

Resident faculty include:

Henry E. Beckmeyer, D.O.  Donald Stanton, D.O.
Donald McBride, D.O.  Joseph Waleczak, D.O.
Walter Mill, D.O.
Department of Pediatrics

From sports physicals to esoteric specialty care, the Department of Pediatrics is active in primary and specialty care and functions in varied settings including the Clinical Center, Ingham County Juvenile Facility, Child and Adolescent Health Clinic, and Learning Disabilities Clinic. They also offer residency and continuing education programs for osteopathic physicians. The departmental office is located in B301 West Fee Hall; phone 353-3100. Chairman is Bernard M. Kay, D.O.

Resident faculty include:

Gerard M. Breitzer, D.O.  
Wanda Chenoweth, Ph.D.  
Nanine Henderson, D.O.  
Bernard M. Kay, D.O.  
Margaret Kingry, R.N., M.S.  
Myron S. Magen, D.O.  
Kenneth J. Mahoney, D.O.  
Merrilee Osborn, D.O.  
Rachel Schenmel, Ph.D.  
Frank Schneiderman, D.O.  
Lloyd Schneiderman, D.O.  
Carla Smith, D.O.  
Kenneth Stringer, D.O.  
Ruth A. Worthington, D.O.

Four other clinical departments are administered jointly by the College of Osteopathic Medicine and the MSU College of Human Medicine. These include:

Department of Community Health Science

The Department of Community Health Science main office is located in B415 W. Fee Hall; phone 353-3990. Chairman is Sidney Katz, M.D.

Resident faculty include:

C. Amachi Akpom, M.D.  
Michael H. Branson, Ph.D.  
Don Coleman, Ph.D.  
Anne C. Cunningham, Ph.D.  
Robert R. Fedore, Ph.D.  
Donald Galvin, Ph.D.  
Celia B. Guro, Ph.D.  
John M. Hunter, Ph.D.  
John Kaneene, D.V.M.  
Sidney Katz, M.D.  
Kathryn M. Kolasa, Ph.D.  
Sister Mary H. Kroger, Ph.D.  
Wanda Lipscomb, Ph.D.  
James Lyon, M.P.H.  
Joseph A. Papsidero, Ph.D.  
Joseph Patterson, Dr.P.H.  
Elba M. Pung, M.D.  
Robert K. Richards, Ph.D.  
George F. Sargent, Ph.D.  
Robert J. Sprafka, Ph.D.  
Robert D. Stevens, Ph.D.  
Howard D. Stoudt, Ph.D.  
Donald C. Tavano, Ph.D.  
William Thar, M.D.  
Fred C. Tinning, Ph.D.
Department of Pathology

The Department of Pathology main office is located in A622 E. Fee Hall; phone 353-9160. Chairman is Adalbert Koestner, D.V.M., Ph.D.

Resident faculty include:

Thomas G. Bell, D.V.M., Ph.D.
Harold Bowman, M.D.
Kevin Cavanagh, M.Sc., Ph.D.
James Collins, D.V.M.
Helen L. Davidson, M.S., M.T.
Wanderly C. de Mendonca, M.D.
Robert Dunstan, D.V.M.
Allan Fox, D.O.
Jerome Gass, D.V.M.
Houria Hassouna, M.D.
E. Clay Hodgins, D.V.M., Ph.D.
Margaret Z. Jones, M.D.
Henry A. Kallet, M.D.
Kenneth Keahey, D.V.M., Ph.D.
Adalbert Koestner, D.V.M., Ph.D.
Janver Krehbiel, D.V.M., Ph.D.
Robert Langham, D.V.M., Ph.D.
Robert W. Leader, D.V.M.
Stuart Levin, D.V.M., Ph.D.
Kathryn Lovell, Ph.D.
Patricia M. Lowrie, E.M., M.S.
Donn Miller, D.V.M.
Thomas Mullaney, M.V.B., Ph.D.
George A. Padgett, D.V.M.
John Penner, M.D.
Charles H. Sander, M.D.
Shirley Siew, M.D.
Stuart D. Sleight, D.V.M., Ph.D.
Steven Stefanski, D.V.M.
Julia Stickle, D.V.M.
R. Flint Taylor, D.V.M., M.S.
Martha T. Thomas, M.S., M.T.
Allan L. Trapp, D.V.M., Ph.D.
Harold W. Tvedten, D.V.M., Ph.D.
Betty C. Vincent, M.S., M.T.
Patricia Wakenell, D.V.M.
Glenn L. Waxer, D.V.M., Ph.D.
Charles K. Whitehair, D.V.M., Ph.D.
Christine Williams, B.V.Sci.

Department of Psychiatry

The Department of Psychiatry main office is located at A222 E. Fee Hall; phone 353-9242. Acting chairman is Floyd Westendorp, M.D.

Resident faculty include:

William Anderson, M.D.
Arnold Berkman, Ph.D.
Teresa Bernardes, M.D.
Robert Bielski, M.D.
Gaston Blom, M.D.
Michael Bowden, M.S.W.
Daniel Bronstein, S.J.D.
Alfred Ching, M.D.
Ronald Dirkse, M.D.
Harold Drane, M.S.S.A.
Gordon Gritter, M.D.
Thomas Gunnings, Ph.D.
Mark Hinshaw, M.D.
Norman Kagan, Ph.D.
Ashok Kaul, M.D.
Rodger Kobes, M.D.
Henry Krystal, M.D.
Peter Manning, Ph.D.
Gerald Osborn, D.O.
Louis Post, Ph.D.
Jorge Rinsky, M.D.
Lionel Rosen, M.D.
John Schneider, Ph.D.
Ronald Simons, M.D.
Dianne Singleton, Ph.D.
Thomas Stachnik, Ph.D.
Terry Stein, M.D.
Bertram Stoffelmayer, Ph.D.
Ann Thompson, M.D.
Lawrence Van Egeren, Ph.D.
Sumer Verma, M.D.
Arnold Werner, M.D.
Floyd Westendorp, M.D.
Marsha Worby, M.S.W.
Department of Radiology

The Department of Radiology main office is located in B220 Clinical Center; phone 355-0120. Chairman is E. James Potchen, M.D.

Resident faculty include:

Brinton Donalson, D.O.  
Kendall W. Foster, M.D.  
Mehdi Ghods, Ph.D.  
Gale I. Harris, Ph.D.  
Kathryn D. Hart, M.D.  
Lorraine Pierce, Ph.D.  
E. James Potchen, M.D.  
Don K. Reinhard, Ph.D.  
Arlene Sierra, A.R.R.T.  
K. H. Vydaren, M.D.  
Richard Wagner, Ph.D.  
Richard White, D.O.

Other Departments and Units

Department of Anatomy  
Steven T. Kitai, Ph.D. A520 E. Fee, 353-3240.
Department of Biochemistry  
Charles C. Sweeney, Ph.D. 212 Biochemistry, 353-3257.
Medical Humanities Program  
Andrew D. Hunt, M.D. A110 E. Fee, 355-7550.
Department of Microbiology and Public Health  
Paul T. Magee, Ph.D. 178 Giltner, 355-6465.
Department of Pharmacology and Toxicology  
Theodore M. Brody, Ph.D. B440A Life Sciences, 353-7147.
Department of Physiology  
Harvey V. Sparks, Ph.D. 111 Giltner, 355-4488.

Activities on MSU Campus Meet Many Varied Interests

There is practically no interest so obscure that a co-afficionado cannot be found on the Michigan State University campus.

From new wave music to Yehudi Menuhin, from Star Trek to Shakespeare, from square dancing to sky diving—the full range of entertainment and activities can be found for MSU students, faculty, and families.

Abrams Planetarium

With its panoramic space science theater, Abrams Planetarium is an acknowledged leader in the popularization of astronomy. The building also includes a black light art gallery, an exhibit hall sales counter, and work areas.

In addition to presentations of an educational nature, programs ranging from stellar evolution to science fiction and laser-light shows are provided weekly for the public's entertainment. The exhibit hall is open weekdays from 8:30 a.m. to 4:30 p.m. and public shows are Friday and Saturday evenings and Sunday afternoons. Call 355-4672 for show times and prices.
Athletic Activities

Michigan State University men compete in 15 sports at the varsity level, including football, cross country, golf, soccer, basketball, fencing, gymnastics, ice hockey, indoor track, swimming, wrestling, baseball, lacrosse, outdoor track, and tennis. Women's teams in volleyball, swimming, gymnastics, golf, tennis, track, field hockey, basketball, cross country, and softball compete on the intercollegiate level.

In addition MSU provides 26 team and 44 individual intramural sports activities in which every student may participate. There are 41 sports clubs.

For tickets and schedule information, contact the Athletic Ticket Office, 355-1610.

Athletic Facilities

Athletic facilities on the campus include the following.

- **Spartan Stadium**: football games and large outdoor meetings (355-9710).
- **Jenison Gymnasium and Field House**: basketball and indoor track (355-9710).
- **Forest Akers Golf Courses**: two 18-hole championship courses with practice driving ranges and greens. During winter, cross country skiing and ski rental are available (355-1635).
- **Intramural-Recreational Sports—West**: courts for paddleball, handball, squash, basketball, badminton, tennis, judo, volleyball; golf driving range, indoor and outdoor swimming pools; individual rooms for archery, table tennis, weightlifting; Sports Arena site for wrestling, gymnastics and fencing; one track (355-5250).
- **Intramural-Recreational Sports—Circle**: two gymnasiums for basketball, badminton, volleyball. Two swimming pools; sauna, steam room, fitness room, and three dance and martial arts areas (355-4710).
- **Munn Arena**: intercollegiate hockey, intramural hockey, physical education hockey classes, skating and figure skating (353-7263).
- **John Kob's Field**: baseball diamonds, intramural sports field, golf green. South of Munn Arena, seats 5,000 for baseball games.
- **Ralph Young Field**: outdoor track.
- **Soccer Field**: south of stadium.
- **Tennis Courts**: 40 surfaced courts south of stadium.
- **Duffy Daugherty Football Building**: adjacent to football practice fields, it is the central football headquarters.

Beal Botanical Gardens

Beal Botanical Gardens, the oldest (since 1873) continuously operated teaching facility of this type in the nation, is a six-acre garden containing more than 5,000 plant species organized in economic, systematic, landscape and ecological groupings. Located behind the main library, the garden has a self-guiding labeling system to aid visitors.

The Horticulture Gardens, next to the Student Services building, display floral arrangements of annuals, spring bulbs, perennials and roses.
Broadcasting Services

WKAR-AM (870) and WKAR-FM Stereo (90.5) provide educational, fine arts, and public service programming for faculty, students and the public. WKAR-FM also presents a special broadcast service for the blind and physically handicapped via a subchannel, eight hours a day.

WKAR-TV (Channel 23) provides educational, general information and cultural programming to viewers in a 50-mile radius of East Lansing.

Michigan State Radio Network provides radio service for the residence halls. ABC news, state, local, and campus news, sports, and programs of interest to hall residents are broadcast by WBRS (west campus) and WMCD (east campus). Each station is at 640 on the AM dial.

Bulletin Office

More than 800 brochures on consumer buying, home, family and resources management, agricultural production, development and use of natural resources and public policy decision-making are available free or for a nominal charge from the Bulletin Office, 104 Central Services Building, 355-0240.

Canoe Shelter

Canoes at the MSU livery are available from 11:30 a.m. to 10 p.m. during the week, and 11 a.m. to 10 p.m. on weekends. Located behind Bessey Hall on Farm Lane, the shelter charges $2.50 an hour for a canoe. For information, call 355-3397.

MSU Dairy Store

With tempting delicacies such as the world's only chocolate cheese, smoked cheddar, and dago cheese, the Dairy Store is a much-frequented stop. The 12 different types of cheese average about $2.55 a pound and are available in up to 20-pound blocks. Ice cream is available in chocolate, vanilla and "zebra" at $2.10 for a half gallon, and 50¢ for an eight-ounce cup or cone. Located in South Anthony Hall on Farm Lane, the Dairy Store is open from 11 a.m. to 4 p.m. Mondays through Fridays and until 5:30 p.m. on Thursdays. For information, call 353-1663.

Evening College

About 150 non-credit courses each year are held during the day and early evening hours for adults. Classes are taught by regular MSU faculty and guest lecturers. For information, call 355-4562.

Hidden Lake Gardens

This 670-acre landscaped arboretum located near Tipton includes more than six miles of paved roads and five miles of hiking trails to accommodate some 100,000 visitors annually. The Gardens include a conservatory, tropical dome, arid dome, temperate house and service house in which is displayed one of the finest plant collections in the United States.
Kresge Art Center Gallery

The Gallery houses a permanent collection of works from antiquity to the present and exhibits traveling collections and works of students and faculty. The Center is open to the public from 9:30 a.m. to 4:30 p.m. on Mondays, Wednesdays, Thursdays, and Fridays; Tuesdays 12 to 8 p.m., and Saturdays and Sundays 1 to 4 p.m. Summer hours are 10 a.m. to 4 p.m. weekdays and 1 to 4 p.m. Saturdays and Sundays. Call 355-7631 for further information.

MSU Libraries

The MSU Library contains more than 2,650,000 volumes, receives more than 22,000 serial titles regularly, and is divided into three main collections: research, undergraduate, and science. The Science Library in the basement of the main library carries a large number of medical texts and reference books, as well as a Medline computer terminal.

In addition, the Conrad Library, located north of West Fee Hall, is open to medical students from 12:30 p.m. until midnight every day. The Conrad Library also offers medical texts and reference books, reserve options, study areas, and other materials.

The medical library at the Clinical Center is open 8 a.m. to 11 p.m. Monday through Thursday, 8 a.m. to 5 p.m. Friday, 11 a.m. to 5 p.m. Saturday and 1 p.m. to 11 p.m. Sunday.

Medline

A computerized bibliographical retrieval system, the Medline surveys more than 2,800 biomedical journals each month. Special cross-referencing allows retrieval of information by parameters such as diseases, age, sex, and language. References are listed with the newest first, and can cover the last ten years. The library charges only enough to cover direct costs. For information call Leslie Behm, 355-2347, from 9 a.m. to 5 p.m. weekdays, or stop by the Clinical Center Library.

MSU Museum

The MSU Museum has three floors of anthropological, biological, geological and historical displays. The museum also houses research collections in anthropology, history, paleontology, and zoology, mostly obtained on field expeditions. Hours are from 9 a.m. to 5 p.m. Monday through Friday, and from 1 p.m. to 5 p.m. on weekends. Call 355-2370 for more information.

Musical Organizations

Concerts, recitals, opera, and oratorios are presented regularly by students and faculty from the Department of Music with no charge for admission. Instrumental organizations on campus include the University Symphony, the Chamber Orchestra, the Wind Ensemble, Symphonic Band, Concert Band, Marching Band, Spartan Brass, Repertoire Bands, and New Musical Arts Ensemble.

Vocal groups include the University Chorale, State Singers, Women's Chorus, and the Collegiate Choir.

The faculty perform in the Richard's Woodwind Quintet, the Piano Trio, and in individual solo presentations.

Most performances will be held in the Clifton and Delores Wharton Center for Performing Arts.
State News

The State News, MSU’s student daily, is the largest university newspaper in the United States in terms of general budget, number of pages, amount of news carried, and advertising. With a circulation of approximately 40,000, it reaches from 70 to 90% of the university community. Independent of the university administration, it is a corporation operated by a board of directors and a professional full-time newspaper general manager. The State News, a seven-time recipient of the Pacemaker Award for outstanding journalism, is a prime source of information on upcoming campus events. It is available in bins in all major campus buildings. For information, call 355-3447.

Union Building

The Union Building contains a barber shop, billiard room, bowling lanes, banquet rooms, grill, cafeteria, lost and found, a general store, snackshop, the ticket office for nonathletic events, and a U.S. post office.

Members of the Student Union Programming Board direct programs which include a ride bureau, flea markets, music programs, and art shows. The Board also offers support and resources to student organizations in the planning and development of activities. It is located in the Activities Office in the Union Building. For information, call 355-3460.

University Theatre

Student-sponsored productions under faculty supervision offer excellent entertainment at a modest cost, including musical productions in cooperation with the Department of Music, experimental productions, Children’s Theatre, and the Arena Theatre. The Performing Arts Company is a group of professional artists pursuing graduate degrees who compose the nucleus of MSU resident theatre.

The Clifton and Delores Wharton Center for Performing Arts

Opening fall 1982, the Wharton Center for Performing Arts will continue the tradition of presenting an array of touring professional performing arts attractions from Broadway, the concert stage, and the dance world. This will also be the location of many performances by the departments of music and theatre, as well as the Lansing Symphony Orchestra and the Opera Company of Greater Lansing. For brochures and ticket information, call 353-4640.

Information on current University events can be obtained from the campus student newspaper State News, the calendar section of the MSU News-Bulletin, or by calling 353-4343 for a recorded highlight of activities.