The following interview with Dean Myron S. Magen was conducted to assess the position of the MSU College of Osteopathic Medicine after five years in light of its original goals.

MSU COLLEGE OF OSTEOPATHIC MEDICINE
AT FIVE YEARS: DEAN MAGEN

What were some of the original goals of the College?

The original goals of the College of Osteopathic Medicine included the development of a curriculum that would be educationally sound, that would stimulate students to become practicing physicians within the state of Michigan, and that would sensitize them so that they were empathetic to human need. Another goal of the College was the establishment of a sound research base, particularly mission-oriented research tied to those things that osteopathic physicians do. Other goals emerged after we started, including the development of faculty for this and other colleges of osteopathic medicine, and assisting newly developing osteopathic medical colleges.

At its inception, how was this College different?

The College was different in that it was state-supported, it was affiliated with a major university, and it was on a campus with two other existing medical schools -- the College of Veterinary Medicine and an allopathic institution, the College of Human Medicine. In addition, there were already existing basic and behavioral science departments.

In what ways was our curriculum unique?

The curriculum was set up differently in that we went to an organ systems approach taught by an interdisciplinary faculty.

In addition, early policy decisions determined the curriculum was the function of the College rather than any single department or groups of departments. We emphasized at that time early clinical exposure for students, something that was being done in some schools but was not that common in the osteopathic profession.

How would you assess your position in relationship to those original goals? How about the motivation to develop family practitioners in Michigan?

I think we've done pretty well there. Our statistics show that most of our students go into family practice, and most of them remain in the state of Michigan. We've noticed, however, that there is a tendency for a change to occur in the students by the time they get to clinical clerkships or hospital internships. They seem to lose their motivation to become family practitioners and begin to look at the specialties more seriously. We are investigating if there are things in these programs that we and the hospitals can do productively to strengthen the motivation toward family practice.
Do you have any indications what might be causing this tendency?

Yes. One cause, we're quite sure, is that in at least the large hospitals, students rarely see family practitioners. They usually see specialists. In addition, I don't think we've programmed enough ambulatory care into the third year and we've emphasized subspecialty programs. I think these are areas that have to be investigated and remodeled.

How successful have we been in sensitizing students to be empathetic to human need?

I don't know how to answer that. I'm not sure that we have had anything to do with what attributes our students have, and that bothers me. I think that's the area of the curriculum in which we have not done well -- the behavioral science aspect.

This needs more study and more consideration. We are discussing some things in a very preliminary way, but ideas aren't yet really well-formed.

Have we established a strong research base?

Insofar as a scientific base in the basic science departments, it was in place before we ever got here. We have assisted to some extent by bringing in new people, but in this area we've probably gotten more than we've given.

The situation in our Department of Biomechanics is much different. I think we're doing a better job than we were doing five years ago, but it's a long process. Basic problems are the various groups of people who have to learn to speak one another's language, the fact that relatively few of our clinicians have done scientific research, and that basic scientists know little about osteopathic medicine. However, I'm hopeful, and we'll continue to support this area with our faculty development program, which is extremely effective. We will develop clinicians who also have had good scientific training.

What about faculty development?

We've been successful with some and unsuccessful with others. We're restructuring the entire program. We're becoming more selective on the people we admit and we're also working hard toward a combined D.O.-Ph.D. program. To these people, I think, goes the future of osteopathic research.

These Ph.D.s would be in basic sciences?

Yes, basic science research and clinical research. They need the strong science background to do good clinical research, to be competent in research methodology.

Also in the faculty development areas we're working with people who have come from practice and have had no teaching experience. We've secured some funding from the federal government to develop a program to assist these individuals in developing the qualities that are necessary to be good teachers.
What have we done to assist other colleges of osteopathic medicine?

We've furnished a nucleus of administrators to many of the new institutions, and have assisted on the development of curricula. Many have adopted the materials we use here. (Editor's note: MSU-COM has provided top administrative leadership to four developing colleges of osteopathic medicine: Dr. John Barson, president of the Oklahoma College of Osteopathic Medicine; Dr. Ralph Willard, dean of the Texas College of Osteopathic Medicine; Dr. Gerald Faverman, acting dean of the Ohio College of Osteopathic Medicine; and Dr. Fred Tinning, acting dean of the College of Osteopathic Medicine at the New Jersey College of Medicine and Dentistry.)

What new challenges do you see facing the College within the next few years?

The first challenge is to be able to effectively work on campus in the clinical area and to assist in the development of the new Clinical Center. Other challenges include the strengthening of research throughout the institution, not only in the "osteopathic area," but also in our clinical departments. Others would be much the same things that we discussed earlier, such as the development of faculty and administrators for this college and the other colleges.

NEW CARCINOGENESIS LABORATORY
EXPANDS RESEARCH PROGRAM AT
MSU COLLEGE OF OSTEOPATHIC MEDICINE

Because finding cures for cancer is dependent on finding causes of cancer, the Michigan State University College of Osteopathic Medicine has made a major commitment to carcinogenesis research.

On the sixth floor of West Fee Hall, eleven persons -- two major researchers, three post-doctoral fellows, three full-time technicians and three part-time students -- are performing research basic to understand the role of the environment in producing cancer.

Under the direction of Dr. Veronica Maher and Dr. Justin McCormick, the Carcinogenesis Laboratory is currently investigating the role of DNA repair in human cancer. They are determining the ability of human cells to repair DNA damage induced by chemical carcinogens, and the effect of such repair on the mutagenic action of these agents.

Research is being conducted under two grants totaling $138,676 annually from the National Institutes of Health.

Drs. McCormick and Maher had begun their work under these grants at the Michigan Cancer Foundation in Detroit six years ago. They joined the College of Osteopathic Medicine in August 1976. Their initial association was as postdoctoral fellows at the McArdle Laboratory for Cancer Research, one of the most prominent carcinogenesis research facilities in the country.

Facilities in the Carcinogenesis Laboratory include five major laboratories, four tissue culture laboratories, and approximately $120,000 worth of equipment, $50,000 of which was purchased by the College. Another $30,000 was spent by the College for necessary alterations in the building, including ventilation and electrical installation.

The Laboratory is complete except for a radioactive counter, vital for the research.
In MSU Carcinogenesis Lab

STUDY OF DNA REPAIR AND
ITS ROLE IN HUMAN CANCER

A cell's ability to repair its own DNA may be closely related to its suscepti-
ability to certain physical and chemical-causing agents, according to researchers
at Michigan State University's College of Osteopathic Medicine.

Dr. Veronica Maher and Dr. Justin McCormick, codirectors of the College's
new Carcinogenesis Laboratory, suspect that a repair process in normal cells
which allows them to resist damage caused by ultraviolet radiation in sunlight
may also protect them from certain chemical carcinogens.

It has been known that ultraviolet light causes skin cancer by producing
certain lesions in DNA, the "mastermind" molecule of each cell which contains
its genetic material. Most normal human cells can repair this damage by simply
excising the damaged unit and replacing it with the appropriate component.

However, say the researchers, persons suffering from xeroderma pigmentosum
(XP), a disease characterized by a high frequency of skin cancer with exposure
to sunlight, have deficient DNA excision-repair and a higher frequency of induced
mutations.

Drs. Maher and McCormick have been investigating the effect of ultraviolet
light and of two classes of chemicals -- aromatic amide carcinogens and polycyclic
amomatic hydrocarbons -- all of which are known to cause changes in the DNA which
are susceptible to excision repair.

They are now comparing the frequencies of mutations from these chemicals in
cells with normal excision repair and the repair-deficient XP cells.

The researchers are also investigating other diseases which include a genetic
predisposition to cancer (such as atoxia telegiectasia and Fanconi's anemia) to
see if they too may be a result of a deficient repair system for the DNA.

A second objective of the studies at the MSU Carcinogenesis Laboratory is to
develop a method by which cancer can be chemically induced in human cells in
culture, a feat vital to cancer research and not yet reproducibly accomplished.
(Currently it has only been possible to change normal human cells into tumor-
producing cells by exposing them to certain cancer viruses.)

The development of such an experimental model will allow accurate quanti-
fication of the frequency of carcinogenicity and will allow the investigators to
study the role of mutations in carcinogenicity.

The research is being conducted under two grants totaling $138,676 annually
from the National Institutes of Health.
$18.1 Million Clinical Center

MICHIGAN STATE UNIVERSITY OPENS ITS FIRST PATIENT CARE FACILITY FOR THE PUBLIC

With Michigan State University President Clifton R. Wharton Jr. presiding, opening ceremonies were held Oct. 22 for MSU’s $18.1 million Clinical Center -- the first building to provide health care to the public.

Ribbon-cutting, brief speeches from government representatives and university officials, and building tours were included in the informal program.

Speakers included: Dr. Robert F. Knouss, director, Division of Medicine, Bureau of Health Manpower, Health Resources Administration, Department of Health, Education and Welfare; State Senator Jerome T. Hart, State Senator Bill S. Huffman, State Representative Russell Hellman, and Andrew D. Hunt, M.D., acting director of the MSU Office of Health Services.

Formerly known as the Clinical Sciences Building, the Clinical Center is the nation's first university health care facility jointly used by allopathic and osteopathic medical colleges.

Medical and nursing education programs in the new structure -- and the patient services provided in conjunction with them -- are directed by MSU's College of Osteopathic Medicine, College of Human Medicine and School of Nursing through the university's Office of Health Services.

A full range of outpatient health with an emphasis on the teaching of students services is being offered on a phased-in basis.

Dr. Hunt reports that response to the Center has been "remarkably large" for non-university people seeking family physicians.

A family care program for families without a physician in the greater Lansing area was one of the first to be housed in the huge center, located on Service Drive between Hagadorn and Farm Lane.

"As a major teaching resource, the Center is expected to fill a key role in successfully producing more primary care and family physicians, and in finding new methods for providing better patient care," Dr. Hunt said.

"In a day and age when traditional physician training is based in hospitals with only highly specialized medical practitioners as role models, the MSU Clinical Center as a free-standing outpatient care facility will aid immeasurably in demonstrating a variety of ways to provide health care," he said.

Dr. Hunt took a leave as dean of the College of Human Medicine in September to direct all university health services -- for those within the MSU community of 52,500 students and staff, and for those coming for patient care to the campus.

In addition to family care, the Clinical Center also provides consultation services for patients referred from other physicians. Among the specialties represented at the Center are gastroenterology, hematology, oncology, neurology, internal medicine, obstetrics and gynecology, pathology, radiology, surgery, psychiatry, genetics and adolescent medicine. There are also special clinics for children.
BODY SCANNER ORDERED
FOR MSU CLINICAL CENTER

Acquisition of a CAT (computerized axial tomography) body scanner for installation in the Clinical Center was approved Nov. 12 by MSU's Board of Trustees.

One of today's most sophisticated diagnostic tools, the CAT scanner combines computer technology with that of television and pattern recognition to create never-before-available cross-section pictures of the body.

Approval was given a proposal from the MSU Office of Health Services to lease a $687,500 CAT body scanner from American Science and Engineering, Inc., for a five-year period.

Funding arrangements included a $100,000 grant expected from the federal government and are subject to renegotiation after the five years.

Delivery of the scanner is expected in July 1977.

The necessary "certificate of need" for the scanner was issued to MSU last year by the Michigan Department of Public Health. Approval for the acquisition also was received by the Capital Area Comprehensive Health Planning Association, since merged with a regional planning organization.

Nationally 290 are in use, with an additional 600 on order. Nineteen are in place or on order in Michigan.

At MSU, use of the scanner will be primarily for research and in training medical students in the College of Human Medicine and College of Osteopathic Medicine. Patient care services will be provided largely in concert with education and research programs.

The research commitment calls for investigation of the overall effectiveness of current and, as they are discovered, the new diagnostic procedures made possible by CAT scanners.

All programs established in connection with the scanner will be under the direction of MSU's Department of Radiology.

When the CAT body scanner is in operation, x-rays scan through the entire body and are converted to electronic information which is processed by a computer. The computer then generates a cross-section picture of the scan which is displayed on a color television screen.

An exact radiological picture showing the nature of a lesion and its precise three-dimensional location is obtained with ease, speed and accuracy never before available. There is little or no discomfort for the patient.
WIDE VARIETY OF CME PROGRAMS
AT CENTER IN PONTIAC

An updated listing of programs at the Michigan Center for Continuing Education in Osteopathic Medicine in Pontiac includes seminars on the short leg syndrome, electrophoresis, endocrinology, and marital problems during February.

Sunday, February 6, 1977
"Short Leg Syndrome" (John Upledger, D.O.) - 6½ credits.

Sunday, February 13, 1977
"Diagnosis by Electrophoresis" (Ernest Retzlaff, Ph.D., and Richard M. Roppel, Ph.D.) - 6½ credits.

Sunday, February 20, 1977
"Endocrinology" (Arthur Levine, D.O.) - 6 credits.

Saturday, February 26, 1977
"Marital and Family Problems Encountered by the Family Physician" Held in conjunction with the Michigan Osteopathic College Foundation ball at the Northfield Hilton. 5 credits.

Saturday, March 5, 1977
"Management of Diabetes" To be held at Flint Osteopathic Hospital. (James Richard, D.O.)

Sunday, March 6, 1977
"Drug Therapy for Children" (Lloyd Schneiderman, D.O.) - 6½ credits.

Saturday, March 12, and Sunday, March 13, 1977
"Cancer Symposia: Head and Neck" (E. Michael Lodish, D.O.)

Sunday, March 20, 1977
"Estrogens" Location in Grand Rapids to be announced.

Sunday, March 27, 1977
"Heart Disease" (John Sloan, D.O.)

Thursday, March 31, 1977
Deadline for submission of papers for second Resident Papers Day, Saturday, May 21. Papers for consideration should be sent to Arnold Aaron, D.O., in care of the Michigan Center for Continuing Education in Osteopathic Medicine, 900 Auburn Rd., Pontiac, 48057.

Saturday, April 16, and Sunday, April 17, 1977
"Radiology" (George Gustavson, D.O.)

Saturday, April 23, 1977
"Annual Seminar on Obstetrics and Gynecology" To be held at Flint Osteopathic Hospital.

Sunday, April 24, 1977
"Diagnosis and Treatment of Neuromuscular Diseases" (Samson Inwald, D.O.)
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Sunday, May 15, 1977
"Hypertension III" (Arnold Aaron, D.O.)

Sunday, May 21, 1977
"Resident Papers Day II" (Arnold Aaron, D.O.)

Saturday, June 4, 1977
"Office Procedures: Diagnostic and Surgical" (Samson Inwald, D.O.)

Sunday, June 5, 1977
"Nephrology" Location in Grand Rapids to be announced.

Saturday, June 12, 1977
"Urinary Tract Infection and Urology Update" (Ronald W. Wadle, D.O.)

Saturday, June 18, 1977
"General Practice Review I" (Jerry Margolis, D.O.)

Sunday, June 26, 1977
"General Practice Review II" (Jerry Margolis, D.O.)

The Center is maintained by the Michigan Association of Osteopathic Physicians and Surgeons, and programs are sponsored jointly by the MSU College of Osteopathic Medicine, the Michigan Osteopathic College Foundation, the Michigan Osteopathic Hospital Foundation, and miscellaneous donors.

For scheduling or information about particular seminars, contact Duane M. Tester, director, Michigan Center for Continuing Education in Osteopathic Medicine, 900 Auburn Rd., Pontiac, MI, 48057; phone 313-335-7742.

DON COLEMAN RECEIVES NCAA SILVER ANNIVERSARY AWARD

Capping last year's nomination to the National Football Foundation Hall of Fame, Don Coleman, Ph.D., received the National Collegiate Athletic Association's Silver Anniversary Award at a luncheon Jan. 11 in Miami Beach, Florida.

Coleman, director of the Minority Comprehensive Support Program at the MSU College of Osteopathic Medicine, was one of five persons to receive the honor this year. The award is given to distinguished former student-athletes on their silver anniversary as college graduates.

A tackle for MSU in 1949, 1950 and 1951, Coleman was unanimous All America selection in 1951 and won the Governor of Michigan Award as the state's most valuable player.

Ironically, Coleman suited up for the first time in his life as a high school senior, a year when he won All State honors while helping his team win the championship.

Since his graduation, Coleman has built a distinguished career in education, including teaching at elementary, junior high and high school levels, and in university student counseling, administration and services. He has held his post at the MSU College of Osteopathic Medicine since November 1975.
PERSONNEL CHANGES

The following personnel changes in departments solely administered by the MSU College of Osteopathic Medicine were among those approved by the MSU Board of Trustees at their October, November, December and January meetings.

Appointments

Family Medicine
Kurt A. Barrett, assistant clinical professor  
Charles H. Beady, Jr., specialist  
Walter J. Hoppe, assistant clinical professor  
Margot E. Kurtz, specialist  
Mary M. Noel, specialist  
Dorothy E. Tennant, assistant professor

Office of the Dean
Nancy S. Gillespie, specialist  
Perrin E. Parkhurst, specialist and assistant project director, Faculty Development Program

Volunteer and Clinical Appointments

Community Medicine
Joseph G. Dzenowagis, adjunct professor  
Elliott K. Wicks, assistant adjunct professor

Family Medicine
Chester S. Suske, associate clinical professor

Assistant clinical professors
Bernard Alper  
William A. Athens  
Brian J. Beck  
Allen S. Bernard  
Michael J. Chamot  
Frank M. Clark  
Clark E. Conant  
Larry J. Coppola  
Mark L. Diem  
Richard M. Dunlop  
Dieter H. Eppel  
Erwin E. Feldman  
Paul J. Forman  
Richard N. McCarty  
Kenneth A. Miller  
James A. O'Connor  
John D. Robertson  
Ronald Sanzone  
Douglas K. Shumway  
Neill D. Varner  
Ralph Younkin Jr.

Osteopathic Medicine
Donald R. Gibbings, associate clinical professor  
Harold V. Nelson, clinical professor  
William H. Smiley, associate clinical professor

Assistant clinical professors
Richard W. Adams  
Donald Arlinsky  
Gerald D. Friedman  
Robert A. Jaminet  
Charles A. King  
James E. Lawson  
Ralph H. Martin  
Roger D. Monsour  
Gerald F. Robbins  
David A. Schwartz  
Ted H. Schwartzzenfeld
Psychiatry
Eugene L. Fealk, assistant clinical professor

Radiology
Assistant clinical professors
Joseph C. Andrews  Stephan R. Morse
Andrew A. Armato  John N. Paesano
Richard H. Bethune  Michael Podolsky
Briton C. Donelson  John H. Pulker
Jonathan L. Goldsmith  Louis G. Putz
Raymond T. Hajjar  Sigmund Rostek
Samuel J. Jassenoff  David J. Saperstein
David F. Karibo  Richard J. Taras
Thomas J. Klucka  Peter J. Tomko
Samuel P. Kurn  George K. Wolfer

DR. BLUME NAMED DIRECTOR OF MSU SCHOOL OF MEDICAL TECHNOLOGY

Appointment of Christiana S. Blume, Ph.D., as assistant professor and director of Michigan State University's School of Medical Technology has been approved by the MSU Board of Trustees.

Dr. Blume joined the medical technology faculty in 1970 as instructor and assistant to the director, was named assistant director in 1973 and later that year was appointed acting director.

With an enrollment of more than 700 students, the School of Medical Technology is considered the nation's largest. It is administered under the aegis of the MSU College of Osteopathic Medicine and College of Human Medicine.

Dr. Blume was awarded the Ph.D. degree in administrative/higher education at MSU in 1974. She is a member of Phi Beta Kappa, Phi Kappa Phi, Kappa Delta Phi, Phi Theta Kappa, and of several professional organizations.

She is on the advisory committee of the comprehensive substance abuse treatment program of the Tri-County (Ingham, Eaton and Clinton) Community Health Board, and is serving on the committee studying continuing education for laboratory personnel for the Bureau of Disease Control and Laboratory Services, Michigan Department of Public Health.

AMERICAN ACADEMY OF FAMILY PHYSICIANS AWARD

An outstanding exhibit award from the American Academy of Family Physicians was awarded to Rex E. Carrow, Ph.D., professor of anatomy, at the academy's 1976 scientific assembly in Boston. Dr. Carrow's prize-winning videotape on "Self-Breast Examination: A Clinical Anatomical Approach" was produced by Richard L. Hatton. Their scientific exhibit was one of the five cited for "outstanding format, appearance, and educational value" by the American Academy of Family Physicians.
RECIPIROCAL AGREEMENT ON BASIC SCIENCE COURSES
MADE BY MICHIGAN'S FOUR MEDICAL SCHOOLS

A unique agreement has been worked out between Michigan's four medical schools designed to make available, to a limited extent, basic science courses at each medical school for students at all schools.

Announced at a meeting in Bay City of the Michigan Medical Schools Council of Deans, Ralph E. Lewis, Council director, stated that the arrangement is "designed for students who are on special schedules and would profit by the increased flexibility, and for students who need remedial work as a result of academic difficulties in their home school."

A similar cooperative agreement has been in effect for a number of years for medical student "clerkships," practical hospital educational experiences which give the advanced medical student opportunities to be a part of the patient care team on a daily basis, according to Lewis.

In the new basic science agreement, the host school will not charge tuition, which is the responsibility of the home school. The acceptance of students will be the responsibility and privilege of the host school course director and will be based on availability of places in the course. Students will participate fully in the educational offerings, including taking of exams and quizzes.

The agreement was worked out by the Council of Deans Educational Affairs Committee, chaired by Dr. Charles Votaw, University of Michigan Medical School associate dean for curriculum.

Votaw emphasized that the final evaluation of the student's performance will be the responsibility of the student's home school, and the faculty may choose to give their own exam.

Dr. Votaw stated, "We believe that this cooperative arrangement, like that for clerkships, will increase the flexibility of individual student programming and will result in a conservation of resources at the four medical schools."

The Michigan Medical Schools Council of Deans, based in Ann Arbor, coordinates a number of programs of the state's medical schools, and undertakes cooperative programs. The Council consists of the University of Michigan Medical School, Wayne State University School of Medicine, Michigan State University College of Osteopathic Medicine and College of Human Medicine.

MARCUS WELBY, D.O., MAKES DEBUT ON SWEATSHIRTS

The student Wives Club of MSU-COM is selling "Marcus Welby, D.O." sweatshirts to raise funds for equipment needed by the College.

Colors available include burgandy, navy, forest green, yellow (with navy printing), bright green and red. Children's sizes are $3.50 and adult sizes are $4.50.

For information or to place an order, contact Mary Lloyd, 1969 Edgewood, Lansing, 48910.
SLIDE-TAPE TELLS STORY OF MSU-COM

A 20-minute color slide-tape presentation on Michigan State University and its College of Osteopathic Medicine has been prepared by Bruce Miles, Ph.D., associate professor at MSU-COM and the College of Education.

Content includes a brief introduction and history of MSU, of osteopathic medicine, and of the College; a survey of medical facilities on campus; an outline of the curriculum; profile of the entering class and other information of general interest.

Two versions of the presentation are available. One uses two slide carousels with a dissolving unit and a synchronized audio tape; the other employs only a single drum with an audio advance.

Persons wishing to borrow the presentation -- which is appropriate for public, professional, faculty, or other groups -- should contact Dr. Miles, A314 East Fee, 353-4734.

IN MEMORIAM:
ROBERT BRUCE EAGLE

Robert Bruce Eagle, a 1976 graduate of the MSU College of Osteopathic Medicine, died on October 21, 1976.

The 24-year-old Eagle had accepted an internship at Detroit Osteopathic Hospital. He received the B.S. degree in zoology with distinction from the University of Michigan in 1973.

MICHIGAN LEGISLATURE HONORS
CLINICAL PROFESSOR OF PSYCHIATRY

Dr. Ronald Chen, clinical professor of psychiatry, in a resolution issued by the Michigan House of Representatives, was cited with a special tribute "in recognition of numerous contributions to the important field of mental health services in Michigan.... and as evidence of high esteem in which he is held by the speaker and leadership of the Michigan House of Representatives", signed by Bobby D. Crim, speaker of the House, and Joseph Forbes, majority floor leader. A concurrent resolution of special tribute also was issued by the Michigan Senate.

Dr. Chen is author of a chapter "The Relevance of KFA (Key Factor Analysis) Logic in the Development of a Community Based Mental Health Program" in Key Factor Analysis: A Logic Leading to Social Accountability, edited by I. M. Jarett and P. A. Brady, published by Southern Illinois University Press, 1976. He recently completed an NIMH project report on "Education for Foreign Medical Graduates in Psychiatry", participated in a State of Washington Bureau of Mental Health meeting on "Statewide Planning in Mental Health", and discussed "Psychiatry and Its Relevance to Human Services Organizations" before the University of Washington Department of Psychiatry.

He is chairing the continuing medical education committee of the Michigan Psychiatric Society, was chairman of the "Psychiatry and Quality of Life" session at the World Federation of Mental Health Congress in Vancouver, British Columbia, and is a member of the Michigan State Medical Society's Commission on Continuing Medical Education.
"PROBLEM ORIENTED MEDICAL RECORD"
DISCUSSED BY VISITING MSU LECTURER

A standardized medical record system and how it can improve health care was discussed Jan. 24 and 25 at Michigan State University by Dr. Lawrence Weed, professor of medicine at the University of Vermont and a nationally known advocate of the "problem oriented medical record." His visit was sponsored by MSU's three medical schools.

On Jan. 24 Dr. Weed addressed a combined College of Osteopathic Medicine and College of Human Medicine audience on benefits to the patient, the physician and the entire health care team accrued from utilizing the problem oriented record system.

He also pointed up the key role of the standardized patient record in medical education.

On Jan. 25 he addressed two sessions at the College of Veterinary Medicine annual postgraduate conference.

Dr. Weed has published widely, including papers on "What Physicians Worry About: How to Organize Care of Multiple Problem Patients," "Medical Records That Guide and Teach," "The Patient's Record as an Extension of the Basic Training of the Physician," and "Quality Control and the Medical Record." He also is author of the 1975 book for patients Your Health and How to Manage It, published by Essex Publishing Co., Essex Junction, Vermont.

He is a graduate of Columbia University's College of Physicians and Surgeons, interned at University Hospitals in Cleveland and at New York's Bellevue Hospital, took his residency at Johns Hopkins, and held research fellowships at Duke and Western Reserve.

MSU ANATOMY DEPARTMENT
HOLDS INTERMENT SERVICES

Special interment services for those individuals who contributed their bodies to medical science were conducted Sept. 16 by Michigan State University's Department of Anatomy. The interdenominational services were held in the MSU Life Science Garden at East Lawn Memorial Gardens, 2400 Bennett Road, Okemos.

Officiating were the Rev. William Fuerstenau of Peoples Church, East Lansing, and Father Dennis Spitzley of Resurrection Church, Lansing.

The remains of individuals who have contributed their bodies to the Willed Body Program at MSU were interred during the services. Families were invited to attend.

The Willed Body Program was established by the Department of Anatomy to further medical science and education in MSU's College of Human Medicine and College of Osteopathic Medicine and for students in other health professions. The program is conducted by Milvet J. Strickler, director of anatomical resources at MSU.
GIFTS AND GRANTS

The following medically-related gifts and grants were among those accepted by the Michigan State University Board of Trustees at their October, November, December, and January meetings.

Anatomy

National Institutes of Health: muscular dystrophy -- alterations mediated by exercise. R.E. Carrow.

Biochemistry

National Institutes of Health: supplies for fellow. W.C. Deal and J. Wei.


National Institutes of Health: energy relationships in inborn errors of metabolism. W. W. Wells.

National Institutes of Health: supplies for NIH fellowship. H.E. Wilson and C.M. Manthorpe, Jr.

National Institutes of Health: mitochondrial hexokinase and brain metabolism. J.E. Wilson


National Institutes of Health: supplies allowance for fellow. C.C. Sweeley and R.H. Thompson, Jr.

National Institutes of Health: role of glycophingolipids in platelet aggregation. C.C. Sweeley.

National Institutes of Health: membrane formation in cytodifferentiation. R.A. Ronzio

National Institutes of Health: dietary zinc--its effect on the immune response. P.J. Fraker.

Biomechanics

American Osteopathic Association: grant to further understanding of neurotrophic regulation of muscle, biochemistry of collateral nerve sprouting, effects of nerve proteins on skeletal muscle, and relationships of somatic dysfunction and the hypertensive. M.C. Beal.

Biophysics

National Science Foundation: fellowship. J. Mountz.


National Institute of Mental Health: fellowship. E. Eistenstein.

College of Human Medicine


Human Development

Michigan Department of Public Health: support for Crippled Children's Heart Clinic coordinator to aid in processing of patients in the congenital heart diagnostic clinic. A. W. Sparrow.


National Institutes of Health: study of factors influencing contraceptive use. D.J. Kallen.

Fogarty International Center: fellowship, travel and expenses to allow Dr. Bailie a sabbatical year. M.D. Bailie.

State of Michigan Department of Social Services: provide medical services to adolescent state wards. M.M. Faber.


Medicine

Michigan Department of Public Health: study whether hepatitis in patients with end-stage renal disease and their contacts be detected or prevented. G.H. Mayor.

Nursing

Ingham Medical Center: part-time service by Dorothea Milbrandt, associate professor, nursing for Ingham Medical Center. I.K. Payne.


National Institutes of Health: capitation grant program. I.K. Payne.
Office of Health Service Education and Research

Flint-Genesee County Health Department: collaborate in development of applied methods of interpretation and presentation of health survey results for health planning purposes as these relate to the special requirements of Flint and Genesee Counties. R.J. Sprafka.

Tri-County Heart Unit, Michigan Heart Association: survey of physical fitness needs in Lansing area. R.D. Price.

Michigan Department of Public Health: provide coordinated operational plan for statewide chronic disease control in collaboration with state, regional, and local agencies and individuals concerned and/or responsible for aspects of chronic disease control.

Michigan Department of Public Health: maintain ambulatory care data system for purposes of statistical analysis of Family Practice Residency Training Program. C.W. Given.

Office of the Dean - Osteopathic Medicine

National Institutes of Health: role of mutagenesis in chemical carcinogenesis. V.M. Maher.

National Institutes of Health: interaction of carcinogens with DNA: repair of lesions. V.M. Maher.


State of Michigan Department of Corrections: unrestricted grant. M.S. Magen.


Office of the Dean - Human Medicine

University of Michigan: acquaint human medicine students with careers in primary care through preceptorships. J.T. Parmeter.


Pathology

National Institutes of Health: study influence of Vitamin A on cell cycle kinetics of respiratory tract resulting from nitrogen dioxide gas exposure. K.C. Kim.


University of Illinois: participate in experiments dealing with mechanism of action of L-3-oxalylamino-2-aminopropionic acid. P.K. Cusick.

U.S. Public Health Service: fellowship grant to Kathryn Lovell. Margaret Z. Jones.
Pharmacology

National Institutes of Health: cardiac glycosides -- mechanism of intotropic action. T. Akera.


The Upjohn Company: unrestricted grant. K.E. Moore.

National Institutes of Health: endocrine kidney in hypertension. A.M. Michelakis.


National Institute of Mental Health: catecholamines as central nervous system. K.E. Moore.


National Institutes of Health: training grant for pharmacology and toxicology. T.M. Brody.


National Institutes of Health: factors affecting renal physiology in the newborn. J.B. Hook.

Physiology

National Institutes of Health: mechanisms of hemodynamic changes during digestion. C. Chou.

The Upjohn Company: study effects of methylprednisolone on myocardial infarcts and myocardial regional blood flow. C. Chou.


Psychiatry

National Institute of Mental Health: psychiatric residency training. L.W. Rosen.

Community Mental Health; County of Ingham: training program for psychiatry residents. N.B. Enzer.

Ottawa County Mental Health Services Board: training program for psychiatry residents. N.B. Enzer.
Pine Rest Christian Hospital Association: reimbursement of psychiatric resident service to community agencies. N.B. Enzer.

County of Kent: training program for psychiatry residents. N.B. Enzer.

Psychology

Dr. and Mrs. L.A. Messe: child psychotherapy research. G. Stollak.

University Associates: educational research on methods for producing rapid gains in academic skills. C.D. Johnson.

Michigan Department of Public Health: counseling skill and management training research. C.D. Johnson.


TWO RECEIVE SCHOLARSHIPS FROM AMERICAN OSTEOPATHIC ASSOCIATION AUXILIARY

Two members of the 1976 entering class were winners of $1500 scholarships from the Auxiliary to the American Osteopathic Association.

Joyce Marie Johnson and Janice Ann Radabaugh were among 37 students nationally chosen for the scholarships.

Johnson received the M.A. in hospital and health administration in 1974 from the University of Iowa and the B.A. in biology in 1972 from Luther College.

Radabaugh received the B.S. in preprofessional studies from Grand Valley State College in 1974.

MENOPAUSE PACKET DEVELOPED FROM COLLEGE WEEK SESSIONS

A packet entitled "What You Should Know About Menopause" has been developed by Arlinda Perlow, M.S.S.W., community health associate in the Office of Health Service Education and Research, from scripts of the College Week sessions on menopause. Participants in this program had included faculty from both the College of Osteopathic Medicine and College of Human Medicine.

Copies of the packet are available in the COM simulation laboratory in Fee Hall, the medical library reading room, B105 Life Sciences, and the OHSER library.

Selections include materials on menstruation and menopause, including physiological and social aspects, myths, an anthropological view, transcripts from panel and small-group discussions, a selected bibliography, and support material.
PERSONA GRATA

THOMAS ADAMS, Ph.D., professor of physiology, was an invited participant at the University of Illinois symposium on Heat Transfer in Medicine, presented a paper at the 27th annual fall meeting of the American Physiological Society in Philadelphia, and has been invited to present a paper and participate on an ASME panel on "Engineering Aspects of Heat Transfer in Medicine" in New York City. He is principal author (with Michael A. Steinmetz and S. Richard Heisey) of "Hydraulic and Osmotic Effects of Skin Electrical Phenomena" in The Physiologist, 19:105, 1976.

S. K. AGGARWAL, Ph.D., associate professor of zoology, presented an invited paper "Quantitation of Surface Associated Deoxyribonucleic Acid" at the third annual EMSNO Symposium on Quantitative Electronmicroscopy held at the University of Toledo. He presented "Visualization of Surface-Associated Nucleic Acid in Tumorigenic Cells Using Ultra-thin Sections and Platinum-Pyrimidine Complexes" at the annual meeting of the Electron Microscopy Society of America. He is author of "Platinum-pyrimidine complexes for electron microscopical cytochemistry of DNA" in the Journal of Histochemistry and Cytochemistry: 24, 890. Recent abstracts include: "Demonstration of surface-associated DNA in the mammalian cells through the use of platinum pyrimidine complexes and ultrathin frozen sections" in the Journal of Cell Biology 1976 20, 166a, and "Visualization of surface-associated nucleic acid in tumorigenic cells using ultrathin frozen sections and platinum-pyrimidine complexes" in the proceedings of the 34th annual EMSA meetings, 1976, 34, 204-205.

Dr. Aggarwal presented "Use of platinum-pyrimidine complexes for ultrastructural localization of DNA" at the 27th annual meeting of the Histochemical Society of America held in Louisville.

C. AMECHI AKPOM, M.D., M.P.H., Ph.D., associate professor, Office of Health Service Education and Research, is principal author (with Kathy L. Akpom and Marianne Davis) of "Prior sexual behavior of teenagers attending rap sessions for the first time" in Family Planning Perspectives, 8:203-206, July/August, 1976.

JOSEPH E. BELSITO, D.O., assistant clinical professor, has been appointed by the governor as the D.O. representative to the Board of Examiners of Massage.

TERESA BERNARDEZ-BONESATTI, M.D., associate professor of psychiatry, at the annual meeting of the American Psychiatric Association, presented a paper "Women and Anger: On the Therapeutic Aspects of Feminine Protest," served as a faculty member in a continuing education course "Women Studies in Psychiatric Education," and was a panelist for the topic "The Psychiatrist in the Family." At the summer meeting of the Michigan Psychiatric Society in Bellaire, she was workshop leader for a session on group therapy.

She also has been appointed a liaison officer for the College of Human Medicine to the American Association of Medical Colleges.

CAROLE BETTINGHAUS, M.A., instructor in the Office of Health Service Education and Research, is co-author (with Erwin Bettinghaus) of a chapter on "Communication Consideration in the Health Care of the Aging" in Aging and Communication, edited by Herbert J. Oyer and E. Jane Oyer, published by University Park Press, Baltimore.
GASTON E. BLOM, M.D., professor of psychiatry and elementary and special education, is author of "Psychoeducation-Interdisciplinary and Integrated Approaches to Learning Disabilities" in Acta Symbolica (Fall 1976), with D. Parsons of "The Education of the Emotionally Disturbed Child" in Understanding Disturbed Children (Seattle: Special Child Publications, 1976), and with M. Jansen and P. Allerup "A Cross National Study of Reading Achievement and Reading Disability" in New Horizons in Reading (Proceedings of the 5th World Congress on Reading) Newark: Int. Reading Association 1976. He is a consultant to the Division of Research Grants of the National Institutes of Health, to the U.S. General Accounting Office for the Champus Audit Study of 1974-76, and to the Lansing Public Schools and the Ingham Intermediate School District. He is a member of the advisory committee on prevention for the Michigan Department of Mental Health, chairperson of the Child Psychiatry Allied Professions Group at MSU, and member of the International Cooperation in Research and Development in Reading Group of the International Reading Association. He is also on the editorial boards of the Journal of Special Education and the Journal of the American Academy of Child Psychiatry.

SANDER J. BREINER, M.D., assistant clinical professor of psychiatry, gave a lecture on "Psychosis in Intensive Care Units" at the Professional Continuing Education Institute in Hong Kong on October 2. Earlier, he lectured at the University of Hong Kong Department of Psychiatry on the topic "Psychodynamic Psychotherapy."


ARTHUR S. ELSTEIN, Ph.D., professor and director of the Office of Medical Education Research and Development, is author of an article "Clinical Judgment: Psychological Research and Medical Practice" published in the November 12 issue of Science. With Drs. Sraflka, Jason and Kagan, he is co-author of "An Analysis of Medical Inquiry Processes, Final Report to the Bureau of Health Manpower," Fall 1976. He is serving until July 1977 on the program planning committee for the AAMC Conference on Research in Medical Education.

THOMAS E. EMERSON, JR., Ph.D., professor of physiology, has been made a Fellow of the Council on Circulation of the American Heart Association and is listed in the 39th edition of Who's Who in America, published this year. He is co-author (with Richard Raymond) of "Cerebral metabolism during endotoxin shock" presented at the spring Federation meetings in Anaheim, and co-author of three papers presented at the August meeting of the American Physiological Society. Titles were "Cerebral hemodynamic effects of carotid artery infusion of acetylecholine, theophylline, adenosine and AMP in the Dog" by R. M. Raymond, T. P. Burns and T. E. Emerson, Jr.; "Cerebral hemodynamic effects of close intra-arterial infusion or CSF perfusion with catecholamines in the anesthetized dog" by T. E. Emerson, T. P. Burns and R. M. Raymond; and "Changes in regional cerebral blood flow during endotoxin shock in the dog" by W. E.

ALAN FRIEDMAN, Ph. D., assistant professor of psychiatry, recently appointed to the affiliate staff of Lansing General Hospital's department of internal medicine, last summer presented a seminar on "Psychotherapy with early adolescents" for psychiatric residents, students and staff at Traverse City State Hospital.

GEORGE GROSS, D.O., associate professor of community medicine, has been named acting medical director of Health Central, the health maintenance organization being developed by the Health Action League. He is also acting medical director of the Ingham County Health Department and medical director of the Alcoholism Unit at St. Lawrence Hospital.

THOMAS HENRY HARTKOP, M.S., graduate assistant in anatomy and pathology, presented research on "Methylazoxymethanol-induced aberrant Purkinje cell dendritic development" with MARGARET Z. JONES, M.D., at the Society of Neuroscience annual meeting held during November in Toronto.

JACK R. HOFFERT, Ph.D., professor of physiology, is co-author (with John L. Ubels) of "The Comparative Effect of Hyperbaric Oxygen Exposure on the Vitro Electrotretinogram" presented at the August meeting of the American Physiological Society.

JERRY B. HOOK, Ph.D., professor of pharmacology, was an invited speaker at the Third Rogosin Kidney Center Symposium on Drug Action and Metabolism in Renal Failure held October 8 and 9 at Rockefeller University, N.Y. His topic was "Development of Mechanisms for Drug Excretion."

BRIGITTE JORDAN, Ph. D., assistant professor of community medicine and anthropology, cochaired a symposium on "The Body Politic: Sociocultural Foundations of Medical Orientation toward Women" and presented a paper, "Pregnancy Diagnosis and the Definition of Competence Spheres" at meetings of the American Anthropological Association in Washington, D.C. She also coordinated a discussion on "Anthropological Contributions to Changing Views of Childbirth" during the eighth annual medical anthropology roundtable luncheon.

MICHAEL KEY, Ph.D., instructor in radiology and COM student, was invited to chair the session on "Ultrasound and Magnetic Fields" at the 24th annual meeting of the Radiation Research Society in San Francisco. He also presented a paper on "The Thermal, Non-thermal and Therapeutic Effects of 2450 MHz Radiation on Mammalian Cells."

JOHN A KING, Ph.D., professor of zoology, has been named a candidate for the position of U.S. delegate to the Ethology Conference during 1977-83.

J. PAUL LEONARD, D.O., F.A.C.O.S., clinical professor in osteopathic medicine, has received the Orel F. Martin Award at the 49th annual Clinical Assembly of Osteopathic Specialists, in New Orleans.
PETER K. MANNING, Ph.D., professor of psychiatry and of sociology, has been named associate editor of *American Sociological Review* and recently received an 18-month grant of $253,636 for a study on "The Police and Illicit Substance Control". He and MARTINE ZUCKER, Ph.D., assistant professor of psychiatry, are authors of *The Sociology of Mental Health and Illness*, Bobbs-Merrill, 1976.

He presented a resource paper "Policy, Evaluation and Structural Constraints on Policing" at an International Seminar in Policy-Making and Evaluative Research at the University of Montreal and participated in the International Seminar on Police Research held in Leuven, Belgium. He presented a paper, chaired a session and served as a discussant at the Third International Symposium on Drugs and Crime sponsored by the International Center of Biological and Medico-Forensic Criminology at the Instituto Oscar Fareire in San Paulo, Brasil.


DAVID G. McCONNELL, Ph.D., professor of biomechanics and biochemistry, PHILIP E. GREENMAN, D.O., associate dean for academic affairs, and RICHARD B. BALDWIN, D.O., were the authors of "Osteopathic General Practitioners and Specialists: A Comparison of Attitudes and Backgrounds" published in the December 1976 issue of D.O.

FRED L. MITCHELL, JR., D.O., F.A.A.O., professor of biomechanics, Neil A. Pruzzo, D.O., of Dallas, and David Johnson, D.O., of Yarmouth, Maine, presented the Mitchell Tutorial Part IIa under the auspices of the American Academy of Osteopathy. The five-day course, during October, held in Chattanooga, emphasized musculoskeletal evaluation and treatment of parts of the body superior to the diaphragm.

Dr. Mitchell also presented a three-day course in pelvis, spine and rib structural diagnosis in Seattle during August, and, with Edward Stiles, D.O., F.A.A.O., led a three-day workshop on muscle energy technique at the Montana/Idaho Osteopathic Associations' annual convention in September. Dr. Mitchell spoke as part of the seminar on pain at the Michigan Center for Continuing Education in Osteopathic Medicine in October.

ROGER D. MONSOUR, D.O., an anesthesiologist at Flint Osteopathic Hospital for ten years, has been named director of medical affairs and director of medical education at that institution. He replaces Earl E. Congdon, D.O., who has retired from his post at the MSU-COM affiliated hospital. James Richardson, D.O., was named associate director of medical education.

KENNETH MOORE, Ph.D., professor of pharmacology, presented "Neurochemistry of the Central Nervous System" at a teaching institute on neuropharmacology at the annual meeting of the American Society for Pharmacology and Experimental Therapeutics in New Orleans. At the meeting, three pre- and post-doctoral students of Dr. Moore presented the following papers: "Differential Drug Effects of Tuberoinfundibulator, Mesolimbic and Nigrostriatal Dopaminergic Neurons in the Rat" -- G. A. Gudelsky; "Increased Brain Dopamine by X-Butyroclactone or Baclofen: Effects of Dopamine Agonists and Antagonists -- G. Giaucontos, and "Actions of Gaba, X-Butyroclactone and Baclofen on Mesolimbic and Nigrostriatal Dopaminergic Neurons -- P. H. Kelley.

Dr. Moore has been elected to the Collegium Internationale Neuropsychopharmacologicum. He is co-author (with G. P. Mueller, J. Simpkins, Joseph Meites) of "Differential Effects of Dopamine Agonists and Halopropidol on Release of Prolactin,"

ELEANOR S. MORRISON, M.A., instructor in community medicine, presented a paper on "Designing Group Activities in Sexuality Education and Professional Training" to the International Symposium on Sex Education and Therapy in Stockholm, Sweden in August. She presented the first of a year-long lecture series on the sexual encounter, "Facts and Fictions about Human Sexuality," at the University of Detroit in September.

Morrison also conducted a professional workshop on human sexuality issues at the Great Lakes College Association and Association of Colleges in the Midwest at Albion College in November. She is the author of an article "Teaching Human Sexuality: The Use of Discussion Groups and Teaching Aides in a College Course" published in Resources for Teaching About Family Life Education, published by the National Council on Family Relations.

HAROLD D. NEWSON, Ph.D., professor of microbiology and public health, attended the November 18-December 2 meeting of the governing board of the Entomological Society of America held in Honolulu. He is serving a three-year term as representative to the board for the medical and veterinary entomology section.

MARIA J. PATTERSON, Ph.D., assistant professor of microbiology and public health, presented a seminar on "The Group B Streptococci in Human Disease" at the University of North Carolina and North Carolina Memorial Hospital. She is a co-author (with A. E. Hajeziz) of "Group B Streptococci in Human Disease" in Bacteriology Review, 40: September 1976. She was one of five authors of "Rubella Vaccine in Postpubertal Women: Experience in Western Washington State" in the August 16 issue of the Journal of the American Medical Association. With R. Vega and H. L. Sadoff, she is an author of "Mechanisms of Ampicillin Resistance in Haemophilus Influenzae Type B", Antimicrobial Agents and Chemotherapy, 9:164-168, 1976.

ARLINDA PERLOW, M.S.S.W., community health associate with Office of Health Services Education Research/Cooperative Extension Service Health Education Program, is co-author of "Marital Satisfaction as Perceived by the Medical Student's Spouse," published in the Journal of Medical Education for September 1976 (Vol. 51, No. 9). The article was written with Stella Churchill Mullins of Dallas.

ROBERT P. PITTMAN, Ph.D., associate professor of physiology, is chairing the departmental undergraduate course and curriculum committee.

E. JAMES POTCHEN, M.D., professor and chairman of radiology, during September presented a speech on "Medical Developments and How They Affect Education" to the East Lansing Public Schools teacher orientation; spoke on "Diagnostic Radiology, Planning for the Future" at an area meeting of the Michigan Society of Radiologic Technologists, and participated in a site visit to the West Coast Cancer Foundation in San Francisco.

He also was guest faculty for the American Society of Physicists in Medicine tutorial course in CT scanning where he delivered an address on "The Economic/ Efficacy Question in Diagnostic Medical Imaging with Emphasis on CT Scanning." He addressed the National Conference of Blue Cross Medical Directors on "Cost Containment in High Technology Medicine" in Chicago.
RICHARD W. REDFEARN, Ph.D., instructor of biomechanics, was one of ten persons appointed by Gov. William G. Milliken to the Michigan Council on Physical Fitness and Health. The Council is to advise the Department of Public Health in the development of a statewide physical fitness and health program, review existing physical fitness programs and to report to the state director of public health on the status of such programs.

ERNEST W. RETZLAFF, Ph.D., professor of biomechanics, was chairman of a seminar emphasizing the use of manipulative therapy in pain control held during October at the Michigan Center for Continuing Education in Osteopathic Medicine. A member of the COM bylaws committee, Dr. Retzlaff and Fred L. Mitchell, D.O., have received a grant from the Cranial Academy for research on the structure of cranial sutures in primates.

Retzlaff, with RICHARD ROPPEL, Ph.D., associate professor of biomechanics, THOMAS BIGGERT, histology technician, and NORMAN ST. PIERRE, laboratory technician, authored "Cranial Suture Neurons and Headache" in the Anatomical Record 184:511.

R.K. RINGER, Ph.D., professor of physiology, presented a paper (co-authored with D. Polin) on "Effect of PBB on Chickens and Japanese Quail" at the Federation meetings held in Anaheim. He is a council member of the National Society for Medical Research and a trustee of the American Association for Accreditation of Laboratory Animal Care. He is co-author (with F. W. Heineman) of "Cardiovascular Effects of a Halogenated Hydrocarbon, Polybrominated Biphenyl" abstracted by the American Physiological Society, 1976, 35(3):399.

ELAINNE RISKA, Ph.D., assistant professor of Office of Health Service Education and Research, at the annual meeting of the American Sociological Association presented a paper "Community Hospitals: Health Care and Local Elites."

NORMAN ROSENZWEIG, M.D., associate clinical professor of psychiatry, attended the Inter-American Council on Psychiatric Associations meeting in Quebec in October as representative of the Council on International Affairs of the American Psychiatric Association. Earlier he attended the annual meeting of the Canadian Psychiatric Association (also in Quebec), the International Symposium on Autism in St. Gallen, Switzerland, and the American Hospital Association annual meeting in San Francisco.

RACHEL SCHEMMEL, Ph.D., associate professor of community medicine and food science and human nutrition, presented "PSROs and Nutritional Care in Michigan" at a meeting of the American Dietetic Association in Boston.

JERRY B. SCOTT, Ph.D., professor of physiology, has been named a national lecturer for 1976 by Sigma Xi. He was recently named to the editorial board of the American Journal of Physiology for a three-year term, is a member of the Michigan Heart Association research committee (through 1978) and is serving on the membership advisory committee of the American Physiological Society (until 1979). He presented a paper "Effects of the Theophylline and Indomethacin on Hypocix and Hypercapnic Dilation in the Forelimb of the Anesthetized Dog" at the annual meeting of the American Physiology Society. Co-authors included Drs. Kientz, Dabney and Haddy.

J. R. SHAYER, Ph.D., professor of zoology, is chairman of the 1977 regional conference on developmental biology and serves as representative of the American Society of Zoologists to the National Society for Medical Research. He is author of Outline of Developmental Biology, 2nd edition, MSU Press.
H. TI TIEN, Ph.D., professor of biophysics, was guest editor of the August issue of Photochemistry and Photobiology (Vol. 24, No. 2, 1976) devoted to a "Symposium on Photoelectric Bilayer Lipid Membranes."

RONALD E. TRUNSKY, M.D., assistant clinical professor of psychiatry, chaired a symposium on "The Socio-Medical Management of the Geriatric Patient" sponsored in Detroit by Sinai Hospital and the American Geriatrics Society, and participated in a conference on "The Visually Impaired Patient" held for allied health professionals by the Greater Detroit Society for the Blind. He is head of the education committee of Sinai Hospital of Detroit and chairs the Michigan Psychiatric Society committee on aging.

ADNAN VAROL, M.D., assistant clinical professor of psychiatry, has been elected to a two-year term on the board of directors of the International Institute of Flint and also has been elected vice president of the Turkish American Cultural Association of Michigan, also for a two-year term.

L. F. VELICER, D.V.M., Ph.D., associate professor of microbiology and public health, and R. L. Witter (USDA Regional Poultry Research Laboratory, East Lansing) are authors of "Physical, Chemical, and Immunological Characterization of Antigens from Marek's Disease Herpesvirus Infected Cells" presented at an early autumn meeting sponsored by Cold Spring Harbor Laboratory, Cold Spring Harbor, New York.

LYNNE C. WEAVER, D.V.M., Ph.D., associate professor of physiology, presented a poster display on "Visceral Afferent Influence on Renal Sympathetic Efferent Nerve Activity" at the annual meeting of the National Society for Neuroscience in Toronto during November.

RALPH WILLARD, D.O., dean of the Texas College of Osteopathic Medicine and former associate dean for academic affairs at MSU-COM, has been named acting vice president for medical affairs at North Texas State University.

TINNING SERVING AS ACTING DEAN OF NEW JERSEY OSTEOPATHIC COLLEGE

Fred C. Tinning, Ph.D., assistant dean for planning at the MSU College of Osteopathic Medicine, has been serving as a consultant and acting dean to the newly-developing School of Osteopathic Medicine of the New Jersey College of Medicine and Dentistry.

Dr. Tinning has been responsible for designing the curriculum, recruiting faculty, preparation of the budget, development of space, preparing hospital contracts, soliciting federal capitation grants and development of college bylaws.

He anticipates that the new college, the twelfth in the nation, will enroll its first class of 24 students in September.
COMMunique QUESTIONNAIRE

This questionnaire is for your use for publication in the "Persona Grata" section of "COMMunique," the College of Osteopathic Medicine newsletter. This section is used to note achievements and activities of college personnel, including honors and awards, publications, papers, professional offices, and participation in programs and committees both on and off campus.

PLEASE print or type. Do not include information that is more than two months old. Thank you for your cooperation.

Name_________________________________________Dept.____________________________________

(Highest Degree)

Title________________________________________Office phone number________________________

Office mailing address:________________________________________________________

Program participation: (name of program sponsor, title of paper or presentation, name of coauthors, date of programs, where held.)

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Current offices and committee positions: (name of organization, term of office)

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Publications: (complete title, where published and when, names and affiliation of coauthors, if any)

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Honors and awards: (what, where, when)

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Please return to Patricia Grauer, editor, "COMMunique," Health and Medicine Section, Information Services, A331 East Fee Hall, MSU.