MSU OPENS ITS FIRST
PATIENT-CARE FACILITY
FOR THE GENERAL PUBLIC

Opening ceremonies for Michigan State University's $18.1 million Clinical Center -- the first building at MSU designed for providing health care to the public -- were held on Friday, Oct. 22.

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

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

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

One of the largest academic buildings at MSU (Chemistry is larger), The Clinical Center consists of three separate but connected units: the two-story wing for ambulatory or outpatient care, a four-story office wing, and a two-story building for laboratory animal resources.

A full range of outpatient health services will be offered to the public on a phased-in basis by faculty in the two medical colleges and the nursing school. Along with patient care, there will be emphasis on teaching of students.

Health professions students at MSU number approximately 300 D.O. students, 400 M.D. students, some 325 nursing students and several hundred enrolled in health related studies.

Planning for MSU's Clinical Center, intended to become a model of ambulatory care, emphasized highest priorities for quality care, measurement of patient satisfaction, interdisciplinary collaboration, and cooperative arrangements among the many contributing health professionals --- and is being developed as a collaborative effort with the staff of the Olin Student Health Building to assure a single high standard of care.

Funding came from the State of Michigan ($12.73 million), the Department of Health, Education and Welfare ($4.9 million), and from Michigan State University ($510,000). Architects are Ralph Calder Associates, Inc. of Detroit.
Enhancing The Clinical Center’s exterior is an imaginative planting of trees and shrubs. The landscape design is the work of Milton Baron, director of campus park and planning at MSU.

Facilities for patient care in The Clinical Center include four self-contained clinical modules, each with ten examining rooms, eight consulting physician offices, two treatment rooms, two nursing stations, a conference room, study carrels, offices for staff physicians, rest rooms, and two separate waiting areas for patients.

There are special diagnostic and treatment areas, a sophisticated outpatient surgical suite, a radiology department with the latest equipment, clinical laboratory, pharmacy, administrative and teaching space.

Also included are a medical library with study carrels, a 144-seat lecture hall, small class or conference areas, and vending food service areas.

Plans call for The Clinical Center to be hooked into the MSU cable television network, largest such network in a U.S. university.

Initially, the estimated number of patient visits expected at the Center is about 12,000 per year, with an anticipated increase to 25,000 after the first year of operation. The Center was designed to accommodate 125,000 patient visits per year --- 75,000 referred patient visits for specialty care and 50,000 primary care patient visits.

The phased-in moving schedule lists as early Clinical Center occupants the family medicine or primary care physicians and specialty clinics of the College of Osteopathic Medicine Professional Services, and the family physicians and specialty clinics of the College of Human Medicine Professional Services.

Specialists in both medical schools include internists, pediatricians, oncologists, obstetricians and gynecologists, pathologists, radiologists, surgeons and psychiatrists.

For several years prior to the opening of Clinical Center facilities, faculty in the two medical colleges have been seeing patients at specialty and primary care clinics at MSU's Olin Student Health Building and at several off-campus locations.

Patients seen for specialty care are referred by local and outstate physicians. Patients seen by primary care physicians --- generally for non-crisis types of health problems --- presumably will continue to come from the greater Lansing area.

Architecturally, The Clinical Center is designed for optimum in interior space flexibility, permitting future expansion and modification with minimum interference to existing patient care routine.

Deep ceiling cavities or interstitial spaces contribute to overall flexibility. All of the components necessary for lighting, heating, cooling, and air distribution are housed within the 8-ft. 6-in. deep ceiling cavities.

The system permits any of the large patient care modules to be isolated, closed down, and have its function completely altered without affecting adjacent operating areas.

The expansive exterior walls are made of porcelain enameled insulated steel panels. The vertical shaft towers are enclosed in smooth and ribbed precast concrete.

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The Clinical Center contains some 4½ million cubic feet, 252,000 gross square feet, and 119,790 net square feet in all units. The difference between gross and net footage is made up by corridors, stairs, rest rooms, mechanical rooms with floors, partitions and wall space.

Of necessity, corridors in the patient wing are especially wide to accommodate patient traffic with ease.

Other statistics: five miles of partitions in all units, 4,000 linear feet of corridors, 614 rooms in the project's three units.

In the outpatient wing, there are 378 rooms occupying 75,694 net square feet.

In the office wing, 167 rooms occupy 31,022 net square feet.

In the laboratory animal wing, 69 rooms cover 13,074 net square feet.

Groundbreaking for The Clinical Center took place in January 1974. Approval of the construction contracts had been delayed when the original bids were opened (October 1973) and the lowest was $3.6 million over the combined federal and state allocations for the building.

An additional $1.73 million from the state plus savings realized by revising construction systems helped close the gap between construction costs and the university's ability to meet them.

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MSU NAMES ADMINISTRATOR FOR NEW CLINICAL SCIENCES BUILDING

Joseph A. Novick, administrator for ambulatory care at Bronx-Lebanon Hospital Center, has been named administrator for Michigan State University's new Clinical Center.

As ambulatory care administrator at Bronx-Lebanon Hospital for four years, Novick was responsible for planning, designing and implementing patient care systems, and the coordination and management of clinical services.

His responsibilities covered all staffing patterns, including physicians, and direct supervision of nursing, ancillary and clerical staff.

From 1970 to 1972 he was associate director of general accounting of the hospital center's ambulatory division.

His earlier experience includes managerial positions with Newberger, Loeb & Co., New York City stock brokers, and supervisory positions with the A.D.T. Company, Inc., New York City manufacturer of communications systems.

Novick holds a bachelor of science degree from New York University's School of Commerce, where he majored in business administration with special emphasis on accounting and finance.

Born and brought up in New York City, he is a former member of the New York State National Guard and of the U.S. Army Reserve Medical Corps.

Novick's Michigan State University appointment is a joint one, made by the three directors of the MSU Office of Health Services --- Myron S. Magen, D.O., dean of the College of Osteopathic Medicine; Andrew D. Hunt, M.D., dean of the College of Human Medicine, and Isabelle K. Payne, Ed.D., director of the School of Nursing.
THEODORE COOPER KEYNOTE
SPEAKER AT MSU-COM CONVOCATION

A call for aggressive health planning and chagrin at the "inappropriate influence of rising costs" on health care were expressed by Theodore Cooper, assistant secretary for health in the Department of Health, Education and Welfare.

Speaking at the annual convocation of the Michigan State University College of Osteopathic Medicine, Dr. Cooper saw development of a national health strategy essential to the maintenance of the present private pluralistic health system.

"No agency of government should become a tyrant over this system," he said, "but certain kinds of planning can accomplish a great deal -- quality care for everyone at reasonable cost."

Dr. Cooper's suggestions for planning included:

--correction of misallocated health resources at the local level.
--reduction of third-party financing to cut down on unnecessary hospitalization.
--reduction of inappropriate use of services and technology through local peer review and prior examination of cost benefits.
--aggressive preventive medicine emphasizing the public's responsibility to promote its own health, nutrition, maternal and child health programs, and elimination of environmental and health hazards.
--strengthening resources essential to continuing medical production, including research, training programs, health data collection and analysis.

Cooper cited the saw which says "health is too important to be left to doctors," and called it "a mixture of truth and sarcasm."

"Health is the business of every citizen," he said. "The health professional lends essential but not exclusive hands."

He urged health education for the public to help stem the "insatiable demand" for health services.

"Cost is now the most important factor driving all health policy decisions," he said, pointing out that more than 8% of the gross national product and $146 billion of the federal budget go for health programs.

"Previously health care was based upon perceived need. When only 5% of the GNP went to health programs, it was easier to affirm humanitarian goals," Cooper said.

Cooper said that he feels the rapid rise of the cost of health care is beginning to exert an inappropriate influence on the entire system, and urged strong medical and political, as well as economic, policies to strengthen health care in the nation.

"If we lay all the economists in this country end to end," Cooper said, "I'd be in favor of it."

He encouraged aggressive action in promotion of health instead of the "passive response to the call for help."

Speaking to the incoming students at the College of Osteopathic Medicine, Dr. Cooper warned "If you don't challenge our presumptions and resist the lure of our dollars, then nationalization of medicine and control of education will become inevitable."
DR. AMELON AWARDED PATENGE MEDAL AT 1976 CONVOCATION

Dr. Maynard J. Amelon of Detroit, a recent past president of the Michigan Association of Osteopathic Physicians and Surgeons, was one of four persons to receive the Walter F. Patenge Medal of Public Service at the 1976 convocation honoring the entering class of the MSU College of Osteopathic Medicine.

Other recipients honored included Theodore Cooper, M.D., Ph.D., assistant secretary for health of the Department of Health, Education and Welfare and James O. Watson, D.O., a distinguished osteopathic physician from Columbus, Ohio.

A surprise presentation was made to Walter F. Patenge himself, the first and only president of the Michigan Osteopathic Medicine Advisory Board and president of the Wohler Corporation for 33 years.

The award was established in 1971 by the Michigan Osteopathic Medicine Advisory Board to recognize men and women involved in health care, education and public service.

Dr. Amelon, a recent past president of the Michigan Association of Osteopathic Physicians and Surgeons, is currently president of the Michigan Osteopathic College Foundation. He has also served as trustee of the Michigan Association of Osteopathic General Practitioners, editor of the Michigan Osteopathic Journal, a member of the Blue Shield Corporate Board, and a member of the Comprehensive Health Planning Council for Southeastern Michigan.

Dr. Cooper, who assumed the HEW post in May 1975, directs the activities of the Public Health Service, the Center for Disease Control, the Food and Drug Administration, and the National Institutes of Health. He also provides guidance to other HEW programs such as Medicare and Medicaid.

A pharmacologist, physiologist and surgeon, Dr. Cooper served as professor and chairman of the Department of Pharmacology at the University of New Mexico School of Medicine and professor of surgery at St. Louis University School of Medicine. He has conducted extensive clinical and basic research on the physiology of the cardiovascular system.

Dr. Watson has served as president and fellow of the American College of Osteopathic Surgeons, a diplomate of the American Osteopathic Board of Surgery, a trustee of the American Osteopathic Association, and a fellow in the American Osteopathic College of Radiology.

He has been recognized nationally as the Andrew Taylor Still Memorial Lecturer, as honorary president of the Ohio Osteopathic Association, and as a recipient of the Distinguished Service Certificate from the American Osteopathic Association. He also has received honorary doctorate degrees from Des Moines Still College of Osteopathy and Surgery and the Kirksville College of Osteopathy and Surgery.
Mr. Patenge, a past president and present board member of Lansing General Hospital, has served on the executive board of the National Association of Manufacturers, on the Michigan Higher Education Advisory Authority, as past president of the State Chamber of Commerce, and as past president of the Greater Lansing Safety Council.

He was a founder of the MSU Alumni Association, and in 1963 was the recipient of the University's Distinguished Alumni Award.

Previous award winners of the Patenge medal have included Leonard Woodcock, United Auto Workers president; John A. Hannah, former MSU president; Wilbur J. Cohen, and Caspar Weinberger, former secretaries of HEW; and Florida Congressman Paul G. Rogers.

WIDE VARIETY OF CME PROGRAMS
SCHEDULED AT PONTIAC CENTER

Michigan Physicians will have a selection of more than 30 programs on subjects ranging from child neurology to gout during the 1976-77 session at the Michigan Center for Continuing Education in Osteopathic Medicine.

The Center, the only osteopathic institution of its kind in the nation, sponsors programs statewide to keep physicians and other health professionals apprised of the burgeoning array of new techniques for diagnosis and therapy.

The new schedule includes:

Sunday, October 24, 1976
"Pain Control II (Emphasis on Osteopathic Manipulative Therapy)" (Ernest Retzlaff, Ph.D.)

Tuesday, October 26, 1976
"Normal and Pathological Physiology of the Cardiovascular System" Third of a weekly series. (James Schwinghamer, Ph.D.)

Wednesday, October 27, 1976
"Basic Electrocardiogram" Fourth of a weekly series at Flint Osteopathic Hospital. (Jack Stanzler, D.O.)

Thursday, October 28, 1976
"Methods and Controversies in Family Practice" Third of weekly series. (Samson Inwald, D.O.)

Sunday, October 31, 1976
"Rheumatoid Arthritis" The Finial, Union Bank Building, 200 Ottawa N.W., Grand Rapids. (Paul Wenig, D.O.)

Tuesday, November 2, 1976
"Normal and Pathological Physiology of the Cardiovascular System" Fourth of weekly series. (James Schwinghamer, Ph.D.)

Wednesday, November 3, 1976
"Basic Electrocardiogram" Final of a weekly series at Flint Osteopathic Hospital. (Jack Stanzler, D.O.)

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Thursday, November 4, 1976
"Methods and Controversies in Family Practice" Fourth of a weekly series.
(Samson Inwald, D.O.)

Saturday, November 6, 1976
"What's New for 1977" Hilton Inn, 7501 W. Saginaw, Lansing. (Donald Boxman, D.O.)

Sunday, November 7, 1976
"Cancer Symposium: Colon and Rectum" Jointly sponsored with the Michigan Cancer Foundation and the American Cancer Society. (John Finley, D.O.)

Tuesday, November 9, 1976
"Normal and Pathological Physiology of the Cardiovascular System" Fifth of a weekly series. (James Schwinghamer, Ph.D.)

Saturday, November 13, 1976
"Aspects of Cardiovascular Disease" (Samson Inwald, D.O.)

Tuesday, November 16, 1976
"Normal and Pathological Physiology of the Cardiovascular System" Final symposium of a weekly series. (James Schwinghamer, Ph.D.)

Saturday, December 4, 1976
"Healing" (Carl Vann, Ph.D.)

Sunday, December 5, 1976
"Cancer of the Head and Neck" Jointly sponsored with the Michigan Cancer Foundation and the American Cancer Society. (E. Michael Lodish, D.O.)

Saturday, December 11, 1976
"Gout and Pseudogout" Sponsored in part with a grant from Merck, Sharp and Dohme. (Paul Wenig, D.O.)

Sunday, December 12, 1976
"Pulmonary Diseases" (Bert Rabinowitz, D.O.)

Sunday, January 9, 1977
"Pregnancy" (Harvey Roth, D.O.)

Thursday, January 27 through Sunday, January 30, 1977
"Diabetes" Held in conjunction with a family ski weekend (including programs for spouses and children) at Boyne Mountain. (Charles Tenner, D.O.)

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

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

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

Sunday, April 24, 1977
"Neuromuscular Diseases" (Samson Inwald, D.O.)

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Sunday, May 15, 1977
"Hypertension III" (Arnold Aaron, D.O.)

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

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

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 Association, 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, 48067; phone 313-335-7742.

INTERNATIONAL WORKSHOPS ON
MANIPULATIVE THERAPY FUNDED BY NIH

A $39,000 grant from the National Institute of Neurological and Communicative
Disorders and Stroke has been awarded the College of Osteopathic Medicine for an
international workshop on the biological bases for manipulative therapy.

The NIH funds will cover organizational costs and expenses for the first of
three proposed conferences at MSU's Kellogg Center for Continuing Education.

Project director is Irvin M. Korr, Ph.D., professor of biomechanics.

Manipulative therapy -- the use of manually applied forces to the body for the
relief of pain and other impairments -- has long been a tool of the osteopathic phy-
sician and others. It has been employed since antiquity as an effective treatment
in spite of the fact that little was known about how or why it worked.

The first workshop, scheduled for October 1977, will explore the role of the
nervous system in health and disease and as a communicating structure between the
musculoskeletal and other body systems, such as changes in nerve transmissions
associated with manipulative therapy.

Proposed for 1979, the second workshop will deal with the effects of body fluid
flow changes, and the third, in 1981, will explore the effect of the musculoskeletal
system on other body systems.

Speakers at each conference will include a world-wide group of eminent scientists
and clinicians who will discuss the application of present knowledge to manipulative
therapy, presentation of research needs, and planning for future research.
PERSONA GRATA

BONNIE J. FONS, R.N., M.S., assistant professor of family medicine, presented a paper, "Primary Care Nursing Concepts in a Baccalaureate Nursing Program" at a Michigan Nurses Association Conference on approaches to primary care nursing.

JOHN P. GOODRIDGE, D.O., associate professor of biomechanics, and FRED L. MITCHELL JR., D.O., associate professor of biomechanics, presented diagnostic and therapeutic procedures for recurring sacroiliac dysfunction at a meeting sponsored by the New England Academy of Osteopathy in Durham, New Hampshire. A co-instructor was David Johnson, D.O., of Yarmouth, Maine.

PHILIP E. GREENMAN, D.O., associate dean for academic affairs, presented a paper on "An Osteopathic Approach to Vertigo" to the sixtieth annual clinical assembly of the Osteopathic College of Ophthalmology and Otorhinolaryngology in Atlanta. At the 76th annual convention of the Oklahoma Osteopathic Association, he spoke on "Indications for Osteopathic Manipulative Therapy in Malignant Disease" and on "The Osteopathic Prescription." He also gave the first address on the "Present State of the College" for the MSU-COM alumni luncheon at the Michigan Association of Osteopathic Physicians and Surgeons convention.


KIRK H. HERRICK, D.O., associate clinical professor of family medicine, was named the new president of the Michigan Association of Osteopathic Physicians and Surgeons at their annual House of Delegates meeting.

MICHAEL KEY, Ph.D., instructor in radiology and a COM student, is the author of "Radiobiology of Endocrine Organs" in Hormones and Cancer (edited by K.K.N. Charyulu and A. Sudarsanam), published by Symposia Specialists, Stratton Intercontinental Medical Book Corporation, N.Y., 1976.

IRVIN M. KORR, Ph.D., professor of biomechanics, received an honorary Doctor of Science degree from Kirksville College of Osteopathic Medicine in May. Last year he had been named emeritus professor of neurophysiology at the Kirksville College. Dr. Korr is also the author of "The Spinal Cord as Organizer of Disease Processes: Some Preliminary Perspectives" in the September 1976 issue of the Journal of the American Osteopathic Association.


ELEANOR S. MORRISON, M.A., instructor in community medicine, presented a paper on "Designing Group Activities for Sexuality Education and Professional Training" at the International Symposium on Sex Education and Therapy, Swedish Institute for Sexual Research, Stockholm. She also had been a special lecturer on women and sexuality at Olivet College.

She is a co-author with VERA BOROSAGE, Ph.D., professor of family and child sciences, of Human Sexuality: Contemporary Perspectives, a revised edition of which will be published early in 1977 by Mayfield Publishing Company, Palo Alto. She also coauthored (with Mila Price of Lansing Community College) Values in Sexuality, Hart Publishing Company, 1974.

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Persona Grata (continued)

CHARLES A. MURPHY, D.O., associate clinical professor of family medicine, was named president-elect of the Wayne County Osteopathic Association at its annual meeting.


RICHARD W. REDFEARN, Ph.D., instructor in biomechanics, has been appointed by Gov. William G. Milliken to the Michigan Council on Physical Fitness and Health. The Council assists and advises the Department of Public Health in the coordination and development of a statewide physical fitness and health program.

JOHN E. THORNBURG, Ph.D., instructor in pharmacology and third year osteopathic student, and KENNETH E. MOORE, Ph.D., professor of pharmacology, are the authors of "Pharmacologically Induced Modifications of Behavioral and Neuronal Development" in Perinatal Pharmacology and Therapeutics (edited by B. L. Mirkin), Academic Press, 1976, pp. 269-354.

DONALD C. TAVANO, Ph.D., associate professor of community medicine, has been elected president of the Michigan Public Health Association at its annual conference at Mackinac Island.

CHARLES TWEEDLE, Ph.D., assistant professor of biomechanics, presented a paper on "The Development of Aneurogenic Smooth Muscle" at the annual meeting of the American Association of Anatomists, and which appeared in Anatomical Record 184:551A.

He also authored a book review of Regeneration of Smooth Muscle for the Quarterly Review of Biology and an article on "The Development and Maintenance of Smooth Muscle in Control and Aneurogenic Amphibians (Ambustonia)" in Cell Tissue Research 166:275-283 (1976).

Dr. Tweedle and GLENN I. HATTON, Ph.D., professor of psychology, were coauthors of "Ultrastructural Comparisons of Neurons of Supraoptic and Circularis Nuclei in Normal and Dehydrated Rats" in Brain Research Bulletin 1:103-121 (1976).

ROBERT C. WARD, D.O., professor in OMERAD, gave a lecture on "Applied Osteopathy" at the Ohio Osteopathic Association 78th annual convention in Columbus.


EYE ENUCLEATION COURSE
PLANNED FOR NOV. 20-21 AT MSU

An eye enucleation course for emergency medical service personnel and licensed morticians will be conducted on campus Nov. 20 and 21 by Michigan State University's Department of Anatomy. Sponsors are MSU's College of Osteopathic Medicine and College of Human Medicine. Upon completion of the course, participants will receive certification in eye enucleation from the MSU medical schools, thus providing additional personnel throughout the state equipped to assist Michigan's eye bank programs.

Course director is Milvet Strickler, director of MSU's willed body program. Faculty also will include Arthur Schultz, East Lansing ophthalmologist; Lawrence Ross, M.D., Ph.D., associate professor of anatomy, and Allen W. Jacobs, Ph.D., associate professor of anatomy. Course information also is available from Ann Tsiminakis, Conferences and Institutes, MSU Kellogg Center for Continuing Education.
GIFTS AND GRANTS

The following gifts and grants to departments solely administered by the College of Osteopathic Medicine were among those accepted by the MSU Board of Trustees at their July and September meetings. (There was no meeting in August.)

Biomechanics

Ashland Oil, Inc.: study of arminimides as antimicrobial agents. J. J. Kabara.


Dean's Office

Various donors: unrestricted grants. M. S. Magen.

National Institutes of Health: strengthen, balance and stabilize PHS-supported biomedical research programs, enhance creativity, encourage innovation and provide for support of pilot studies. P. Gerhardt.

U.S. Public Health Service, National Institutes of Health: educate primary care physicians to assume faculty roles. N. T. Bell.

U.S. Public Health Service, National Institutes of Health: identify and increase minority applicants and providing academic counseling and support service for minority student matriculants. M. S. Magen.

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

U.S. Public Health Service, National Institutes of Health: health professions capitation grant program. M. S. Magen.

Family Medicine

National Institutes of Health: training in interdisciplinary team approach to delivery of health care services. R. Gerard and L. Bunnell (with Family Practice).

During these two months, a total of 67 additional research grants were awarded these basic and behavioral science departments administered jointly by the College of Osteopathic Medicine, College of Human Medicine and College of Natural Science: Anatomy, Anthropology, Biochemistry, Biophysics, Microbiology and Public Health, Pathology, Pharmacology, Physiology, Psychiatry, Psychology, Sociology, Radiology and Zoology.