ABOUT THE COVER: Opportunities for osteopathic physicians to keep up with new scientific developments, modes of treatment and diagnosis, expanded areas of interest, or to receive postgraduate training in formal programs are coordinated by Donald E. McBride, D.O., assistant dean for graduate and continuing medical education, and Sandy Kilbourn, M.A., coordinator for continuing medical education.

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COMMUNIQUE Communique, a newsletter publication of the Michigan State University College of Osteopathic Medicine, is issues 18 times a year through the Health and Medicine Section of the MSU Department of Information Services, A331 E. Fee Hall, East Lansing, MI 48824; telephone 517-353-0820. Members of the Editorial Advisory Committee include Allen W. Jacobs, Ph.D. (Chairman); Francis A. Bernier, Ph.D.; Gordon C. Spink, Ph.D., D.O.; Nancy M. Houston, B.A. (Editor), Patricia Grauer, M.A. (Associate Editor). Production and circulation manager is Carol Howland. Date of next issue will be January 8, 1979. Copy deadline for next issue: December 15.
MSU-COM CONTINUING EDUCATION OFFICE OFFERS PROGRAM PLANNING, LIAISON

Ninety-two programs, ranging from building a primary care practice to treatment of manic-depressive patients, were facilitated last year by the MSU College of Osteopathic Medicine’s Office of Graduate and Continuing Medical Education, administered by Assistant Dean Donald E. McBride, D.O.

With 4,926 participants attending programs where 547 continuing medical education credits were offered, a total of 41,539 contact hours was administered by the office, according to Sandy Kilbourn, M.A., coordinator for continuing medical education.

Kilbourn said that, depending on the wishes of the program chairman, participation of the office can range from simple processing of credits with the American Osteopathic Association and the State Board of Osteopathic Medicine and Surgery, to 100% planning and implementation of the program.

The programs channeled through the office include those at the Michigan Center for Continuing Education in Osteopathic Medicine in Pontiac, grand rounds, faculty development seminars, some seminars at affiliated hospitals, major conferences, on-campus programs, and others.

Kilbourn stressed the importance for any unit planning continuing education program to inform the office to facilitate both processing of CME credit applications and requests for information about the program.

Noting changes in the new Public Health Code of Michigan, Kilbourn urged osteopathic physicians to keep on file documentation of a total of 150 hours of CME credit for each three years, beginning with 1976, 1977 and 1978. The office will process all individual CME reports and maintain records for all clinical faculty who teach on campus and for Junior Partnership physicians, she said.

Osteopathic physicians may receive continuing medical education credits for participation in formal education programs and preparation of scientific papers and publications.

Credit is also offered for osteopathic medical teaching, formal inspection of osteopathic medical education programs, peer review of medical institutions, scientific exhibits and home study.

Upcoming continuing medical education programs include a conference on pediatric immunology and a seminar on pain in March.

Grand rounds planning includes the reproducibility of osteopathic palpation, craniosacral dysfunction in autistic children, and joint mobility and human kinematics.

Persons planning a continuing medical education program or faculty wishing assistance with processing of CME credits should contact Sandy Kilbourn, Office of Graduate and Continuing Medical Education, E. Fee Hall, (517) 353-8822.

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UNIQUE CENTER IN PONTIAC
MEETS CME NEEDS FOR MICHIGAN D.O.'S

Michigan osteopathic physicians can keep up with the latest advances in medical research, practice and technology at the nation's only facility devoted exclusively to continuing medical education.

The Michigan Center for Continuing Education in Osteopathic Medicine in Pontiac has worked to fulfill the ever-changing needs of osteopathic physicians in Michigan since 1973.

"The educational philosophy of the Center reflects that learning must be ongoing throughout the physician's lifetime, that individuals learn in a variety of ways, and that the need exists to shorten the lag between the development of new technology and its application to patient care," says Duane M. Tester, executive director. "Since the ultimate goal is to provide the best possible health care for patients, we seek to maintain the highest quality continuing education programs for osteopathic physicians."

The Center is also committed to providing adequate programming so that osteopathic physicians can meet the Michigan State Board of Osteopathic Registration and Examination and the American Osteopathic Association requirements for CME credits in category I, Tester said.

The center sponsors medical seminars which range from the presentation of scientific papers to open forum discussions. While the majority of the programs have dealt with family practice, seminars have been held concerning obstetrics/gynecology, urology, psychiatry, orthopedic surgery, residents' training, nursing, hospital administration, geriatrics and a host of other topics.

During fiscal 1978, 54 CME programs were presented at the Pontiac center. More than 3,600 physicians attended these programs that year, receiving a total of nearly 33,000 CME credits.

Many other activities were also held at Pontiac that year, including National Board Examinations, COM student group meetings, Osteopathic General Practitioners of Michigan and Oakland County Osteopathic Association meetings, and many more organization functions for a total of 87 in fiscal 1978.

The Michigan Center for Continuing Education in Osteopathic Medicine was established at the site of the Michigan College of Osteopathic Medicine before it became affiliated with Michigan State University and moved to East Lansing. The inaugural continuing education seminar was held June 23, 1973.

Four cooperating agencies are providing support and expertise to the Center in developing its educational programs. They are the Michigan Association of Osteopathic Physicians and Surgeons, the Michigan Osteopathic College Foundation, the MSU College of Osteopathic Medicine and the Michigan Osteopathic Hospital Association. A committee comprised of members from these four groups oversees the development of the continuing education program and presents the individual seminars to the American Osteopathic Association's Committee on Continuing Education for accreditation.

More information on upcoming seminars and meetings can be obtained from the Center, 900 Auburn Road, Pontiac, 48057, (313) 335-7742.
UPCOMING CONTINUING MEDICAL EDUCATION PROGRAMS AT THE PONTIAC CENTER

The following programs are scheduled by the Michigan Center for Continuing Education in Osteopathic Medicine, and will be held at the Center, 900 Auburn Rd., Pontiac, unless otherwise specified. Contact is Duane M. Tester, (313) 335-7742.

These programs are conducted in cooperation with the Michigan Association of Osteopathic Physicians and Surgeons, the Michigan Osteopathic College Foundation, the Michigan State University College of Osteopathic Medicine, and the Michigan Osteopathic Hospital Association.

<table>
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<tr>
<th>Date</th>
<th>Program Details</th>
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<tr>
<td>DECEMBER 13</td>
<td>Urology series: Neurogenic Bladder</td>
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<td>Terrance Frank, D.O., program chairman</td>
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<td></td>
<td>Dinner provided</td>
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<td>2 Category IA credits offered</td>
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<td>DECEMBER 16</td>
<td>Medical Practice Update, 1978</td>
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<td>James Clary, D.O., program chairman</td>
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<td>6 Category IA credits offered</td>
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<td>DECEMBER 17</td>
<td>Pediatric Update</td>
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<td>James M. Carl, D.O.</td>
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<td>Midway Motor Lodge/Hoffman House, Grand Rapids</td>
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<td>6 1/4 Category IA credits offered</td>
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<td>JANUARY 4</td>
<td>Oncology series: Breast Carcinoma</td>
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<td>Joel M. Mass, D.O., program chairman</td>
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<td>Dinner included</td>
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<td>2 Category IA credits offered</td>
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<td>JANUARY 7</td>
<td>Dermatology Update</td>
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<td>JANUARY 14</td>
<td>Uro-radiology</td>
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<td>Ronald W. Wadle, D.O., program chairman</td>
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<td>JANUARY 20</td>
<td>Hematology: Detroit Osteopathic Hospital</td>
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<td>JANUARY 31</td>
<td>Otorhinolaryngology: Martin Place Hospital, Madison Heights</td>
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<td>FEBRUARY 3-4</td>
<td>Orthopedic Topics and Casting: Osteopathic General Practitioners of Michigan; Park Place Motor Inn, Traverse City</td>
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<td>FEBRUARY 11</td>
<td>Office Gynecology Update</td>
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<td>FEBRUARY 14</td>
<td>Urology Series</td>
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<td>FEBRUARY 17</td>
<td>General Practice Seminar: Detroit Osteopathic Hospital</td>
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<td>FEBR AURY 24-25</td>
<td>Manipulative Therapy Update</td>
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<td>MARCH 1</td>
<td>Oncology Series: Lymphomas</td>
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<tr>
<td>MARCH 14</td>
<td>Urology Series</td>
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.....Continued
MARCH 17  Pulmonary Problems: Detroit Osteopathic Hospital
MARCH 17-18  Scientific Symposium
MARCH 24  Michigan Osteopathic College Foundation Ball/Seminar, Raleigh House, Southfield
MARCH 28  Hematology Seminar: Martin Place Hospital, Madison Heights
APRIL 5-7  Holistic Approach to Pain Management and Stress-Related Conditions
APRIL 8  Rheumatology
APRIL 11  Urology Series
APRIL 21  Thoracic Cardiovascular: Detroit Osteopathic Hospital
APRIL 21-22  Lab Findings: When to Treat, What to Expect; Sheraton Inn, Flint
MAY 3  Oncology Series: Lung Carcinoma
MAY 9  Urology Series
MAY 12  Oncology Seminar: Detroit Osteopathic Hospital
MAY 17-19  Scientific Seminar: Michigan Association of Osteopathic Physicians and Surgeons; Hyatt Regency, Dearborn
MAY 31  Internal Medicine Seminar: Martin Place Hospital, Madison Heights
JUNE 1-2  Pain and Its Management: Sugar Loaf Mountain Resort, Cedar
JUNE 9  Radiation Therapy: Detroit Osteopathic Hospital
JUNE 10  Seminar: Michigan Osteopathic Neuropsychiatric Society
JUNE 13  Urology Series
JULY 11  Urology Series
JULY 25  General Surgery Seminar: Martin Place Hospital, Madison Heights
JULY 28-29  EKG and Chest X-rays: Osteopathic General Practitioners of Michigan, Point West Resort, Holland
AUGUST 8  Urology Series
SEPTEMBER 12  Urology Series
OCTOBER 10  Urology Series
OCTOBER 20-21  Advances in Drug Therapy: Osteopathic General Practitioners of Michigan; Hilton Inn, Lansing
NOVEMBER 14  Urology Series
NOVEMBER 17  Psychiatry: Detroit Osteopathic Hospital
COMMUNIQUE

Please use this form for submission of material for the biweekly College of Osteopathic Medicine Communique.

Items might include achievements and activities of College personnel such as honors and awards, publications, papers, professional offices, and participation in programs and committees.

The form may also be used for items for the Calendar of Events, suggestions for feature stories, updating of programs, and provision of any other information that might be pertinent for publication in the newsletter.

The editors and editorial advisory committee retain the right to edit or exclude any material.

Please print or type, and do not include any information that is more than one month old.

Date of submission

Name ___________________________ Highest degree ________________

Position

Address _________________________ Phone ________________

CALENDAR ITEMS

Date ___________ Time ___________

Event __________________________

Sponsor _________________________

Location _________________________

Other information ____________________________

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NEWS ITEMS OR FEATURE SUGGESTIONS

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PLEASE RETURN TO the Health and Medicine Section, Information Services, A331 East Fee, Michigan State University, East Lansing, MI 48824. For assistance call 517/353-0820.

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PEDIATRICS RESIDENCY PROGRAM AT MSU COLLEGE OF OSTEOPATHIC MEDICINE

A new residency program designed to reflect the changing practice of pediatrics will begin at the Michigan State University College of Osteopathic Medicine next July.

"With the increasing emphasis on primary and preventive care, we felt strongly the need to change our training to coincide with the way pediatrics is practiced today," said Bernard Kay, D.O., professor of pediatrics and program director.

Traditionally, pediatric residency programs have stressed the hospital care of children, Kay said. MSU's program will provide equal weight to ambulatory care.

Applications are now being taken for the first two residents, who will enter the program in July 1979.

Ambulatory care training, which will be stressed the first year, will occur at MSU's Clinical Center and through counseling centers of the Department of Family and Child Science. Residents will also care for children, including those who are wards of the Ingham County Probate Court, through Lansing's Community Health Services.

Hospital training for residents, emphasized the second year, will be at Lansing General Hospital, Garden City Osteopathic Hospital, Bi-County Community Hospital (in Warren), and Detroit Osteopathic Hospital.

Clinical education coordinator for the program is Frank Schneiderman, D.O., professor of pediatrics. Instructors will include pediatricians in the College of Osteopathic Medicine and nurse practitioners.

***

COM OPEN HOUSE HELD FOR MSU PREMEDICAL STUDENTS

An open house at the College of Osteopathic Medicine for some 150 MSU premedical students and premed advisors was held October 19 by the COM Office of Admissions. Hosts for the program included 12 first-year medical students and Frank Bernier, Ph.D., director of admissions.

The program included an overview of COM educational programs and admissions by Dr. Bernier, plus tours of the college conducted by Donald Cox, Scott Carlson, Eric Deal, Peter Rodin, Joel Engel, Eugene Koshebe, Ann Kuenker, Pat Roy, Claudia Osborn, Cynthia Manninen, Ann Weaver, and Laura Stutz. Stutz, as program coordinator for the open house, held a brief training session for the tour guides.

***

COMPUTERIZED ADDRESS SYSTEM FOR MSU-COM

Centralized computerization of address information for personnel in the College of Osteopathic Medicine is being explored by the Office of the Dean. Units who need specific parameters or further information should contact David Marier, Ph.D., 355-9611.

***
BONE MARROW STUDY FOR
IMMUNOLOGY OF CANCERS

Microbiologists at MSU are studying bone marrow, in hopes of better understanding the immunology of such cancers as leukemia, lymphomas and myelomas.

With a renewal grant of nearly $100,000 from the National Cancer Institute, plus additional funding from the American Cancer Society, microbiologist Harold Miller and his colleagues are probing what triggers bone marrow to produce white blood cells and what determines function of the various classes of lymphocytes.

"Before we can correct problems in lymphocyte production that lead to cancers, we need to understand normal lymphocyte production," Miller said. "We're trying to determine what prompts some lymphocytes to enhance antibody production, others to help macrophages to kill microorganisms, and still others to search out and directly destroy cancerous cells."

If the MSU researchers can uncover that mechanism, eventually they may be able to take a sampling of bone marrow from an individual with an immunodeficiency, analyze which type of lymphocyte the body is not producing, stimulate production of the needed lymphocytes in a cell culture system, and inject them intravenously — without the problem of incompatibility that is traditionally faced with bone marrow transplants or tissue grafts.

***

FOOD SUBSTANCES MAY
KILL HERPESVIRUS

A mixture of common food preservatives may be effective against the herpes simplex virus, according to two researchers at Michigan State University's College of Osteopathic Medicine.

Jon Kabara, Ph.D., professor of biomechanics, and John Downs, D.D.S., D.O., associate professor of maxillofacial surgery and sports medicine, said that their preparation appears to be highly effective against the virus in preliminary clinical trials.

Herpes simplex is believed responsible for a variety of common infections, including cold sores and genital lesions, and some believe may initiate some kinds of cancers.

The virus can lie dormant in the body for years, and is incited by conditions such as trauma, poor oral hygiene, sun or wind exposure, and fever. Treatment to date has been able only to alleviate the symptoms of the infection, the researchers said.

Using the common preservatives BHT, BHA and Lauricidin, all already approved for human consumption by the Food and Drug Administration, Kabara and Downs have achieved repeated healing of cold sores in two or three days. With topical application of the substance, more than 80% of their subjects showed improvement in as little as 24 hours.

In three double-blind studies with a sample of 50 patients, all who failed to respond to treatment had received the placebo. Confirmatory studies done in Wisconsin and Pennsylvania also showed the preparation to be effective in vitro against herpesvirus. Downs and Kabara are now planning clinical trials with large samples of patients.

***
MSU-COM FACULTY PREDOMINANT
IN COLLEGE OF EDUCATION COURSE

Faculty from the MSU College of Osteopathic Medicine were predominant in a medical information course offered fall term by the MSU College of Education.

Sixty graduate students in human resource professions — including speech and hearing correction, special education for the blind, occupational therapy, social work, and rehabilitation counseling — were enrolled in the course.

Coordinating the personnel from MSU-COM was Fred C. Tinning, Ph.D., assistant dean for planning. Teaching faculty included:

Allen W. Jacobs, Ph.D., assistant dean for educational resources
George Ristow, D.O., associate professor of neurology
George Kleiber, D.O., associate professor of osteopathic medicine
Gaston Blom, M.D., professor of psychiatry
Ralph Otten, D.O., professor of internal medicine
Donald McBride, D.O., assistant dean for graduate and continuing medical education
Walter C. Mill, D.O., chairman of osteopathic medicine
Gail Riegel, Ph.D., professor of physiology
Herbert Ross, D.O., associate professor of sports medicine and orthopedics

Tapes from the fall term lectures are currently being analyzed to develop a text for the course in the future, Tinning said.

***

STATE BUDGET DIRECTOR
ADDRESSES DEAN'S SEMINAR

Better expression of the needs of higher education to the people of Michigan was stressed by Dr. Gerald Miller, state budget director, at a dean's seminar November 15.

Saying that "Michigan has the most volatile economy of any state," Miller quoted "many good economists" as forecasting a recession or slow growth rate in 1979. Though he said he did not expect a recession, he indicated that "down-slide influences", such as an increase in interest rates and a decline in housing, were operating.

The passing of two propositions during the election put further restraints on the state's economy, Miller said.

Proposition B, restricting parole, will result in a 4,000 to 5,000 increase in prison population, which is now nearly 2,000 over capacity, he said. Estimated costs would be $57,000 per bed for prison construction and $9,000 per person per year for maintenance, according to Miller.

Proposition E, in addition, would prohibit the state from raising taxes without the consent of the people.

Miller also said that with the current Carter economic policy, health programs will be more dependent on state funds.

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Fred C. Tinning, Ph.D., assistant dean for planning and professor of community health science, has been appointed to the Rehabilitation Counselor Training Program advisory committee in the Department of Counseling, Personnel Services and Educational Psychology.

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Gail Riegel, Ph.D., professor of physiology, discussed "Progesterone in Pregnancy and Pseudopregnancy in the Aged Rat" at the 11th International Gerontological Congress held in Tokyo, August 20-25. He also chaired the session on hormone regulation at the congress.

***

Michael J. James, D.O., clinical associate professor of cardiology, sponsored and coordinated a course on advanced cardiac life support on Dec. 1 and 2 for nearly 50 physicians, nurses and respiratory therapists. The course was held at MSU's Kellogg Center for Continuing Education.

***

Robert Leader, D.V.M., professor and chairman of pathology, has been elected vice president and president elect of the American College of Veterinary Pathologists. Chosen during the pathologists' annual meeting in San Antonio November 14-21, Leader will serve as president in 1980. Leader also participated in a debate on the value of necropsy in the veterinary curriculum.

***

Harry Perlstatt, Ph.D., associate professor of community health science and sociology, presented a paper on "Territory, P.O.E.T., and Hill-Burton: A Preliminary Inquiry into Human Ecology" at the third annual Data Use Conference of the National Center for Health Statistics, November 15 in Phoenix. In his research, he aggregated data for Michigan by county and hospital service district, drew statistical comparisons, and made conclusions about the success of Hill-Burton and the use of ecological areas for health planning.

***

John R. Schweitzer, M.A., graduate research assistant in the Office of Medical Education Research and Development, presented a paper on "Illuminating the 'Black Box': a Psycho-neurological View of the Visual Literacy Concept" at the tenth annual conference of the International Visual Literacy Association, November 11 in Rochester, N.Y.

***

John P. Goodridge, D.O., professor of biomechanics, presented "Two Structural Diagnostic and Two Manipulative Therapeutic Procedures" at the combined meeting of the American College of General Practitioners in Osteopathic Medicine and Surgery and the American Academy of Osteopathy, held at the American Osteopathic Association's annual convention in Honolulu October 30. He also presented "Some of the Needs of Students in Colleges of Osteopathic Medicine which the Academy Can Serve" as a panelist on the subject of "The Role of the Academy in Osteopathic Education".

***
GIFTS AND GRANTS

The following medically related gifts and grants were among those accepted by the MSU Board of Trustees at its meeting October 27.

College of Osteopathic Medicine
National Institute of Environmental Health Sciences
        — Training in environmental mutagenesis-carcinogenesis/J. J. McCormick

Anatomy
National Institute of Neurological and Communicative Disorders and Stroke
        — Study the cerebellum and basal ganglia by anatomical and electrophysiological techniques/S. T. Kitai

Biochemistry
National Institutes of Health
        — Institutional allowance for fellowship/F. Rottman, J. Nilson
        — Energy relationships in inborn errors of metabolism/W. W. Wells

Community Health Science
 Allegan County Health Department
        — Health Departments - University Partnership/S. Katz

National Fund for Medical Education
        — Study of Thai medical practice and Thai health care system/H. Stoudt

Family Practice
Division of Medicine, Department of Health, Education and Welfare
        — Conduct joint family practice residency training program between St. Lawrence Hospital and MSU Department of Family Practice/R. J. Gerard

Human Development
Council for the Prevention of Child Abuse and Neglect
        — Remedy child abuse and neglect by medical assessment and follow-up for referred children/W. B. Weil Jr., S. Schuerer

Microbiology and Public Health
Gulf Oil Foundation
        — Graduate fellowship/L. Forney, C. A. Reddy

National Cancer Institute
        — Research on Marek's disease herpesvirus antigens/L. F. Velicer

Office of Medical Education Research and Development
National Center for Health Services Research
        — Model a criterion referenced certification test for emergency physicians/J. L. Maatsch

American Association of Colleges of Osteopathic Medicine
        — Assessment of problems and priorities in osteopathic principles education/S. Sprafka, R. C. Ward

Pharmacology and Toxicology
National Institute of Neurological and Communicative Disorders and Stroke
        — Fellowship/K. Moore

National Institute of Allergy and Infectious Diseases
        — Drug disruption of trematode physiological processes/J. L. Bennett

National Institute of Child Health and Human Development
        — Distribution and functions of ACh in placenta/F. Welsch

Psychiatry
National Heart, Lung and Blood Institute
        — Interpersonal stress and coronary-prone behavior/L. F. VanEgeren

Radiology
National Cancer Institute
        — Identify clinical, radiologic and behavioral patterns in the use of diagnostic procedures for the detection of colorectal cancer/E. J. Potchen
HOSPITAL COUNCIL, STUDENT REPRESENTATIVES MEETINGS

There will be a meeting of the Council of Affiliated Hospitals at 1 p.m. on Tuesday, December 12, at the University Club. Luncheon will be served at 12:15 p.m.

On Thursday, December 21, the Unit III student center representatives will be meeting at 4 p.m. at the Michigan Center for Continuing Education in Osteopathic Medicine, 900 Auburn Rd., Pontiac.

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WILMA FRANKLIN WILLIAMS APPOINTED TO FLORIDA OSTEOPATHIC BOARD

Wilma Franklin Williams, D.O., a 1975 graduate of the MSU College of Osteopathic Medicine, has been appointed to the State Board of Osteopathic Medical Examiners of Florida by Governor Askew.

The only black female osteopathic physician practicing in the state, Williams opened her family practice in Jacksonville in December, 1976 after completing an internship at Zieger-Botsford Hospital.

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GHANIAN DEAN VISITS MSU-COM

W. N. Laing, M.D., dean of the School of Medical Sciences at the University of Science and Technology in Kumasi, Ghana, visited the MSU College of Osteopathic Medicine November 26 through December 1.

A forensic pathologist and expert in curriculum development, Laing met with administrators of the College and with faculty in both basic science and clinical departments.

His visit was in reciprocation for MSU-COM Dean Myron S. Magen's trip to Africa last spring.

***

LARGE INCREASE IN HEALTH PROFESSIONS EXPECTED BY 1990, SAYS HEW REPORT

The supply of physicians, dentists, veterinarians, pharmacists, optometrists and podiatrists will rise faster than the population between now and 1990, according to an extensive report to the president, prepared by the Department of Health, Education and Welfare.

The projected increase in ratio of physicians to the population is from the present 177 to 241 per 100,000 by 1990. However, there are indications that shortages will remain in many geographic areas and in the number of primary care physicians.

The report indicates that one of six (about 34 million) Americans presently live in an area with a shortage of primary medical care.

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