PROPOSED FOUR-YEAR CURRICULUM APPROVED BY FACULTY: MOVES TO UNIVERSITY ACADEMIC GOVERNANCE FOR ACCEPTANCE

A shift from the present three-year to a proposed four-year curriculum that includes three terms for vacations or electives was approved for the College of Osteopathic Medicine at the Faculty Assembly March 15.

Implementation of the proposal is contingent upon approval of the provost, the Natural Science Subcommittee of the University Committee on Curriculum (UCC), the full UCC, and the Academic Council.

The new curriculum will be implemented for students matriculating during Summer 1979.

The proposed curriculum, which retains the summer starting date, includes Terms 1 – 3 in Unit I, Terms 4 – 8 in Unit II, and 60 weeks of required clinical clerkships in Unit III. Proposed vacation or elective quarters would occur after Term 4, after Term 8 and during Unit III.

The Unit III program as suggested would include 48 weeks of required clinical clerkships with 24 weeks in hospital rotations, 12 weeks in a non-hospital setting (six week family medicine "junior partnership" and six weeks psychiatry and behavioral science), and 12 weeks in an ambulatory clinic. In addition, 12 weeks of selective clerkships would be required in the four-year program.

The curriculum would include options for acceleration to a three-year program or extension to longer than four years. Extended program would accommodate students enrolled in dual degree masters or doctoral study.

The summer start was retained to allow students to complete their degrees in the spring, necessary to begin AOA approved internships in cycle.

Steps toward the four-year standard curriculum were begun in 1976 when the dean charged an ad hoc committee to study the curriculum and to make recommendations on viable three-, four-, five-, and six-year options.

The proposal was made to the faculty assembly following its approval by the College Curriculum Committee March 1.
NEW UNIT III CURRICULUM
TO BE IMPLEMENTED FOR 1979-80

A new Unit III curriculum that includes 24 weeks of clerkships in a single hospital and an option for an ambulatory clinical clerkship will be implemented for 1979-80 in the College of Osteopathic Medicine.

**Hospital Clerkships**

Under the new program, students will spend all their required hospital clerkships in the same hospital -- 12 weeks in medicine, six weeks in surgery, and six weeks in obstetrics, gynecology and nursery care. The previous curriculum had involved seven clerkships through several hospitals.

Changes in these clerkships increase the medicine rotation from eight to 12 weeks, combine the former surgery and anesthesiology clerkships, and add nursery care to obstetrics and gynecology, increasing that clerkship to six weeks.

**Non-hospital Clerkships**

Twelve weeks of non-hospital clerkships will retain the present six weeks of clinical practicums in family medicine under the Junior Partnership Program. The other six weeks will be devoted to a clerkship combining psychiatry and behavioral science.

**Alternative Program**

The final 12 weeks of required clerkships may be spent in either of two programs -- a Lansing-based ambulatory clinical clerkship or in the traditional selective clerkships. The selective clerkships may include subspecialty study, medical education, hospital administration, basic sciences, work with clinical faculty on campus, or other options. Each selective clerkship must last at least three weeks.

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IN MEMORIAM: EUGENE R. HEAGEN

Eugene R. Heagen, D.O., 50, radiologist and former clinical professor of osteopathic medicine, died March 20 in Detroit.

Last year Dr. Heagen, considered an innovative instructor, had received a teaching appreciation award from students in the College of Osteopathic Medicine.

Most recently he had been in private practice in East Detroit and a staff radiologist at Art Centre Hospital.

Dr. Heagen had served as chairman of the Radiology Department at Riverside Osteopathic Hospital, and had also worked at Flint Osteopathic Hospital.

He received the D.O. from the Philadelphia Osteopathic College in 1956, and took his internship and residency at Detroit Osteopathic Hospital.

Mass was said at the Shrine of the Little Flower in Royal Oak, and burial was in Holy Sepulchre Cemetery, Southfield.
Appointment of Stephen T. Kitai as professor and chairman of Michigan State University's Department of Anatomy, which serves MSU's three medical schools, was approved by the Board of Trustees at its regular meeting Friday, March 31.

Dr. Kitai is professor of anatomy at the Wayne State University School of Medicine where he directs the neuroscience program and is director of the Morin Memorial Laboratory. His appointment at MSU is effective immediately.

A member of Wayne's medical faculty since 1964, he holds adjunct positions as professor in the university's department of biology and psychology, and also is adjunct professor of anatomy at Ohio State University.

In 1970 he was visiting professor of physiology at Tokyo University, and in 1967-68 he was a visiting scientist in the laboratory of Sir John Eccles in the American Medical Association's Institute for Biomedical Research.

Dr. Kitai completed his undergraduate work at the University of Michigan, earned the M.A. in psychology and the Ph.D. in neurophysiology at Wayne State University.

He is president of the Michigan chapter of the Society for Neuroscience and field editor for Science, Journal of Neuroscience, Brain Research, and Experimental Brain Research. He also has served on grant review committees for the National Science Foundation and the National Institutes of Health.

Dr. Kitai has published widely here and abroad. He holds membership in the American Association for the Advancement of Science, American Association of Anatomists, Sigma Xi, American Physiological Association, and several other professional societies.

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CLASS ON STRESS OFFERED DURING COLLEGE WEEK

Stress is not new, people just never used to discuss it openly, according to Robert Ward, D.O., professor of family medicine. He says that each of us is a unique combination of genetic, cultural, social, family, psychological and economic characteristics.

According to Ward, "sets of events trigger adaptive and maladaptive responses more commonly known as stress. No one is immune to it.

Dr. Ward will be teaching the class, "Stress and Coping," during College Week, June 19-22, on the MSU campus. He believes stress is normal and predictable and underlying part of life. During the class he will provide necessary background for understanding and diagnosing the problem and offer some simple methods for taking control of personal stress.

College Week is sponsored by the Family Living Education Program of the MSU Cooperative Extension Service. This year's program, "Family Impact on the Future," is designed to meet the needs of the individual, the family, and the family as it relates to the community.
INTERNATIONAL WORKSHOP ON MANUAL MEDICINE FEATURES FIVE FACULTY FROM MSU-COM

An international workshop for teachers of manual medicine held March 20-24 at San Agustín, Gran Canary, Spain, featured five faculty from the MSU College of Osteopathic Medicine.

MSU workshop faculty included Philip E. Greenman, D.O., associate dean for academic affairs; Myron C. Beal, D.O., professor of biomechanics; Robert C. Ward, D.O., director of special projects and professor in the Office of Medical Education Research and Development; Ed Stiles, D.O., associate clinical professor of family medicine from Waterville, Maine; and program chairman Freddie Kaltenborn, clinical professor of biomechanics from Oslo, Norway.

Other United States workshop faculty include Paul Kimberly, professor of osteopathic theory and methodology, Kirksville College of Osteopathic Medicine; John Harakal, professor and chairman, Department of Osteopathic Philosophy, Principles and Practice, Texas College of Osteopathic Medicine; and Robert Kappler, professor and chairman, Department of Osteopathic Medicine, Chicago College of Osteopathic Medicine.

Students at the five-day workshop included 15 invited teachers of manual medicine — most from West Germany, but also from Norway, Sweden, and Belgium.

"The purpose of the workshop was to show these teachers methods that the osteopathic profession is using in the United States," said Dr. Greenman. "We hope to help them standardize the teaching of this art and science in terminology, content, and teaching methodology."

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INTERNATIONAL CONGRESS ON MANUAL MEDICINE TO BE HELD IN BADEN-BADEN IN APRIL 1979

An invitation to American osteopathic physicians is being extended for the first time to participate in an international congress sponsored by the Federation Internationale de Medecine Manuelle.

The sixth congress will be held in Baden-Baden April 18-22, 1979.

Congress languages will include German, English and French.

Physicians interested in participating should contact the program chairman: Dr. med. H.-D. Neumann, Bühlerstraße 45, D-7580 Bühl, West Germany. Neumann is president of the German Society for Manual Medicine.

In encouraging participation from American D.O.s, Philip Greenman, associate dean for academic affairs, said that it was hoped the congress would increase educational linkages on manual medicine between Europe and the United States, increase exchanges of literature, and provide a broader perspective on manual medicine for the osteopathic profession.

"Osteopathic physicians in the United States have an opportunity to make a significant contribution and to provide leadership to the international medical community about this field," he said.

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MONDAY, APRIL 10, 1978

11:30 a.m.  Biochemistry colloquium: "Studies on Membrane Reconstitution" by Sidney Fleischer, Department of Molecular Biology, Vanderbilt University. 101 Biochemistry.

TUESDAY, APRIL 11, 1978

12:30 p.m.  Microbiology seminar: "Role of Bacterial Lipopolysaccharide in Recognition and Induced Disease Resistance in Tobacco." By Terry Graham, Monsanto Agricultural Products, St. Louis. 146 Gilmer.

7:30 p.m.  Board meeting, Student Associates Auxiliary. Home of Pat Greenman, 4483 Calgary, Okemos.

THURSDAY, APRIL 13, 1978

4 p.m.  Nephrology Research Group. 448 Life Sciences. For information, call J. B. Hook, 353-3718.

SATURDAY, APRIL 15, 1978

7:30 a.m.  American Osteopathic College of Dermatology annual mid-year meeting and Michigan Osteopathic Society of Dermatology seminar. Topics will include a variety of common as well as rare skin disorders for both dermatologists and family physicians. A. P. Ulbrich, D.O., is program chairman. Approval for eight continuing medical education credits for each day's program has been requested. For information, contact Duane M. Tester, 313-335-7742. Michigan Center for Continuing Education in Osteopathic Medicine, 900 Augurn Rd., Pontiac.

SUNDAY, APRIL 16, 1978

7:30 a.m.  American Osteopathic College of Dermatology annual mid-year meeting and Michigan Osteopathic Society of Dermatology seminar. (see April 15). Michigan Center for Continuing Education in Osteopathic Medicine, Pontiac.

The next calendar will cover Monday, April 24 through Monday, May 8. Deadline for inclusion of material is noon, Thursday, 27. Contact Health and Medicine Information, R331 E. Fee, 353-0820.
TUESDAY, APRIL 18, 1978

12:30 p.m.  Microbiology seminar: "Defense Mechanisms of Human Tumor Cells" by Michael P. Lerner, University of Oklahoma Medical Center. 146 Giltner.

4 p.m.  Pharmacology seminar: "Role of Tyrosine and Phenol Oxidase in Egg Shell Formation in S. mansoni" by J. See, MSU. B449 Life Sciences.

7:30 p.m.  Student Associates Auxiliary meeting: "Self-Defeating Behavior" will be discussed by Barbara Korr. Election of officers will also be held. Fee Hall

THURSDAY, APRIL 20, 1978

4 p.m.  Nephrology Research Group. For information, call J. B. Hook, 353-3718. 448 Life Sciences.

SUNDAY, APRIL 23, 1978

8 a.m.  "Cardiopulmonary Therapy" sponsored by the Osteopathic General Practitioners of Michigan. Topics will include respiratory failure, hemodynamic monitoring, exercise prescriptions and use of ventilating devices. Raymond E. Buldin, D.O., is program chairman. Six hours of continuing medical education credit have been requested. For information, contact Duane E. Tester, 313-335-7742. Michigan Center for Continuing Education in Osteopathic Medicine, 900 Auburn Rd., Pontiac.

The next calendar will cover Monday, April 24 through Monday, May 8. Deadline for inclusion of material is noon, Thursday April 27. Contact Health and Medicine Information, A331 E. Fee, 353-0820.
COMMUNIQUE

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

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________________________________________________________

Position______________________________________________________

Address_______________________________________________________

Phone________________________________________________________

CALENDAR ITEMS

Date_____________________________ Time__________________________

Event________________________________________________________

Sponsor________________________________________________________

Location_______________________________________________________

Other information_______________________________________________

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.
FAMILY MEDICINE, ALUMNI ACTIVITIES AT MAOP&S CONFERENCE IN MAY

Two events will be hosted May 5 and 6 by the MSU College of Osteopathic Medicine in conjunction with the 79th annual postgraduate conference and scientific seminar of the Michigan Association of Osteopathic Physicians and Surgeons.

One the evening of Thursday, May 5, the Department of Family Medicine will host a reception for its preceptors and Junior Partnership Program physicians.

At noon Friday, May 6, a luncheon meeting for alumni, included in the overall conference fee, is scheduled.

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HARVARD UNIVERSITY PRESS PUBLISHES MEDICAL TEXT BY MSU EDUCATORS

Harvard University Press this spring will publish a new book on medical problem solving by three MSU medical educators.

Authors of Medical Problem Solving--An Analysis of Clinical Reasoning are Arthur S. Elstein, professor of psychiatry and director of the Office of Medical Education Research and Development (OMERAD); Lee S. Shulman, professor of OMERAD and in counseling, personnel services and educational psychology; and Sarah A. Sprafka, assistant professor in OMERAD.

The book gives some important answers to the question "How are accurate diagnoses made?"

Reporting on the most comprehensive investigation of clinical reasoning yet conducted, the study shows rigorous attention to methods, thorough grounding in contemporary theories of problem solving, and a healthy respect for the complexity of real-life situations.

Experienced physicians were presented with diagnostic problems and asked to solve them. Through the use of trained actors serving as "patients," and with a variety of supplementary techniques, the investigators were able to dissect the process by which diagnoses, right and wrong, are made.

According to the authors, clinicians begin to form hypotheses almost as soon as they encounter a patient. They entertain a limited number of hypotheses, but these are tested repeatedly during a workup. New findings are treated as supporting, weakening, or not contributing to the solution contemplated. More elaborate schemes based on a knowledge of probabilities are not used. A common error is to relate new information to a working hypothesis, although the information is, in fact, non-contributory.

The performance of even an experienced physician varies markedly from case to case, the authors note. Two of the most important determinants of competence are information and experience. Problem-solving skills without a rich supply of facts are insufficient for diagnostic acumen, yet simply knowing facts does not assume that they will be properly applied.

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Joseph Vorro, Ph.D., assistant professor of anatomy, will present a paper at the 91st session of the American Association of Anatomists meeting in Vancouver, British Columbia. The paper is titled "A Multivariate Analysis of Biomechanical Profiles for Shoulder Muscles Involved in a Skilled Human Movement."

Peter Krenitsky, D.O., clinical professor of osteopathic medicine, presented a recent case report of a patient with pheochromocytoma at the Mid-Winter Review Seminar held March 6 for the Great Lakes Academy of Applied Osteopathy at Vail, Colorado.

Dale E. McNinch, D.O., 1976 alumnus, is now stationed at Pope Air Force Base as a flight surgeon. He recently completed an internship at Grandview Hospital, Dayton, Ohio, and took three months training in aerospace medicine in San Antonio, Texas. His new address is 7031 Kittridge, Fayetteville, N.C., 28304.

Susan Rice and Pat Behfried, both second-year students, attended the Student Osteopathic Medical Association national convention in Atlanta March 3-5, where Behfried was elected to the board of directors of the SOMA Foundation.


Joanne Grzeszak, D.O., 1976 alumna, gave a presentation on methods of contraception to a class at Alma College on March 14. In the past few months as a staff physician at Olin Health Center, she also was given informal talks to dormitory residents.

Edna M. Harney, office assistant for family medicine, has been named MSUEA representative to the All-University Traffic Committee by Acting President Edgar L. Harden.

Neil S. Levy, D.O., clinical assistant professor of osteopathic medicine, was recently certified by the American Osteopathic Board of Pediatrics.

Richard Roppel, Ph.D., associate professor of biomechanics, gave an invited lecture on "Past and Future Applications of Computers in Medicine" at the annual conference of the Florida Osteopathic Medical Association held March 17-19 in Orlando. Roppel also was coauthor with Fred L. Mitchell Jr., D.O., professor of biomechanics, of "Accuracy and Perceptual Decisional Delay in Motion Perception," presented at the AOA Annual Research Conference in Chicago March 16-18.

Joan C. Mattson, M.D., associate professor of pathology, has been notified by the Michigan Heart Association that they have allocated funds for her research project entitled "Role of Contractile Proteins in Platelet Aggregation" for the period July 1, 1978 through June 30, 1979.

Sylvia Iwrey, M.S.W., assistant clinical professor of psychiatry, is the author of "The Territorial Alternative" published in the March 1978 issue of Medical Dimensions. She also has written "An Unbounded Regard for Boundaries" to be published in the May-June issue of Health.
GIFTS AND GRANTS

The following medically-related gifts and grants were among those accepted by the MSU Board of Trustees at its meeting Friday, March 31.

Dean—Osteopathic Medicine

General Motors Corporation
—Study diesel particulate emissions
   with cultured diploid human cells
   J. J. McCormick

Michigan Osteopathic College Foundation
—Unrestricted grant
   M. S. Magen

Anatomy

National Cancer Institute
—Role of the neuroendocrine system
   in the development and progression
   of leukemia
   C. W. Welsch

Biochemistry

National Institutes of Health
—MSU Mass Spectrometry Facility
   C. C. Sweeley

Biophysics

National Institute of Mental Health
—Fellowship for R. L. Reep
   E. Eisenstein

Human Development

Gerber Company
—Continue Gerber Scholar for
   Human Development Award
   W. B. Weil Jr.

Michigan Department of Public Health
—Support of Crippled Children's
   Heart Clinic coordinator at Ingham
   Medical Center
   A. W. Sparrow

Microbiology and Public Health

USDA: Animal and Plant Health
   Inspection Service
—Brucellosis—cell-mediated immunity
   N. McCullough

National Science Foundation
—Nondestructive biophysical probes
   of resistance mechanisms in
   bacterial spores
   P. Gerhardt

Pharmacology

National Institute of Environmental
   Health Sciences
—Environmental agents and non-
   respiratory lung function
   R. A. Roth Jr.

Adria Laboratories
—Study of Ceroxazone, a new anti-
   depressant drug for activity as
   a MAO inhibitor
   R. H. Rech

National Institute of General Medical
   Sciences
—Training grant
   T. M. Brody

Physiology

Morris Animal Foundation
—Distribution of blood flow in
   equine laminitis
National Heart, Lung and Blood
   Institute
—Development of collateral ventilation
   N. E. Robinson
STUDENT CHAPTER OF MAOGP TO PRESENT
SEMINARS APRIL 11 AND APRIL 16

"Medical and Emotional Care of the Rape Victim" and "Gynecological Lacerations: Evaluation, Care, and Treatment" will be presented by Robert Aranosian, D.O., director of the emergency room at Pontiac Osteopathic Hospital at 7 p.m., Tuesday, April 11. MAOGP members and faculty attending the seminar, held in E106 Fee, are requested to enter via the center doors between East and West Fee Halls.

"Immunology Update '78," an all-day conference will be sponsored by MAOGP from 7 a.m. to 6 p.m. Sunday, April 16, on the main floor of the Lansing Hilton. Speakers from throughout the United States will discuss topics such as tumor immunology, immunological renal disease, disease and immunoglobulins, and immunology and oncology. A free catered luncheon will be available to all MAOGP members. Contact Pattie Pierce for program schedules.

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SEMINAR ON HUMAN SEXUALITY APRIL 29-30

A two-day seminar on human sexuality will be sponsored by the Student Osteopathic Medical Association in Conrad Auditorium April 29-30.

The program for physicians and allied health professionals will include anatomy and physiology, sexual myths, principles and guidelines of sexual therapy, common problems seen in office practices, and physically disabled individuals.

Approval for 15 Category I continuing medical education credit hours has been requested from the American Osteopathic Association Committee on Continuing Education and from the Michigan Board of Osteopathic Medicine and Surgery.

Seminar staff include Mario Petrini, M.D., associate professor of obstetrics and gynecology and of psychiatry at Wayne State University, and associate professor of osteopathic medicine at MSU; and Sandra Nohre, M.A., sexual health consultant, Department of Family Practice and Community Health, University of Minnesota Medical School.

Program directors include students Benjamin Field, Mark Sloane, Ralph Walsh, Anne Pawlak, and Carole Williams.

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**COMMUNIQUÉ**

Communique, a newsletter publication of the Michigan State University College of Osteopathic Medicine, is issued 18 times a year through the Health and Medicine Section of the MSU Department of Information Services, A331 East 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), and Patricia Grauer, M.A. (associate editor). Production and circulation manager is Carol Howland.

Date of next issue: April 24. Copy deadline for next issue April 13.