On the cover...

Various versions of the seal of the Michigan State University College of Osteopathic Medicine include departmental designations -- Biomechanics, Family Medicine, Internal Medicine, Osteopathic Medicine, Pediatrics -- are displayed on this issue's cover. Camera-ready duplicates of the seal are available through the Health and Medicine Section, Information Services, A314 East Fee Hall.

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COMMUNIQUE "Communique," a newsletter publication of the Michigan State University College of Osteopathic Medicine, is issued 15 times a year through the Health and Medicine Section of the Department of Information Services, A314 East Fee Hall, East Lansing, Michigan 48824; telephone 517/353-0820. Members of the Editorial Advisory Committee include David Marler, Ph.D. (chairman); Henry Beckmeyer III, D.O.; Francis A. Bernier, Ph.D.; Gordon Spink, D.O., Ph.D., Jane A. Waldron; Robert C. Ward, D.O.; Nancy Houston, B.A. (editor), and Patricia Grauer, M.A. (managing editor). Circulation manager is Mary Palmer. Production is done by Beth Stephens and Connie Burch; photography by Dick Wesley. Date of publication of the next issue is Monday, June 1, 1981. Deadline for material to be included in that issue is noon, Wednesday, May 20, 1981.

Michigan State University is an equal-opportunity/affirmative action institution.
RESULTS OF STRESS EMPHASIZED AT FACULTY DEVELOPMENT SEMINAR

Results of a straw ballot taken on the most compelling personal concerns of the participants in the April 29 faculty development seminar on "Stress" showed the 'winners' to be: job concerns, 15 votes; family problems, 10; interpersonal concerns, 6, and socio-economic issues, 0.

The survey was part of a two-hour presentation by Robert Ward, D.O., COM professor of family medicine and director of special projects, delivered under the auspices of COM's Faculty and Professional Development Program.

"Stress is change and the more we fail to take change seriously, the more stress there will be," Dr. Ward said.

Dr. Ward emphasized that "with the possible exception of genetic disorders, it is becoming increasingly evident that physicians are mostly involved with the effects of patients' life styles and circumstances."

"A major problem between many patients and their physicians is to take these issues seriously, and to develop management and life style recommendations that reflect this reality," he said.

"Intelligence offers no insulation from stress," he cautioned, "and coping with stress requires careful balance of behavioral and physiological aspects of one's life."

Characteristics of a "good cooperator," as reported by Weisman and Sobel in the "Journal of Human Stress," (March, 1979), were discussed by Dr. Ward: independent; self-reliant, but not hesitant about using other resources; cooperative, but not passively compliant; if feeling neglected, insisting on more information or better treatment; resourcefully shifting from one strategy to another when conditions merit; using a continuous process of several strategies, and being satisfied with a less-than-permanent state of well-being.

Proactive coping healthy behavior, according to Weisman and Sobel, centers on an active problem-solving process that assimilates new information, corrects as necessary, accommodates to a revised situation, and resembles decision making. Distress mobilizes active problem-solving, rather than withdrawal or self-deprecation. Reactive or defending behavior, which can be and often is maladaptive, seeks way of avoiding confrontation with a problem, which is often unknown; seeks to maintain an unchanged status by reducing or obliterating disturbed emotions without detailed recognition-resolution of the inciting problem, and includes reflex withdrawal from a painful stimulus.

Signals that may show stress to be a problem include: a loss of optimism, developing a loss of confidence and increasing vulnerability for no apparent reason, developing a sense of "it's no longer worth the effort," and an increasing willingness to disengage oneself from previously valued activities (this can involve intimate relationships, work or extra-curricular interests).

Other signals may include: unexpected feelings of rage/anger and vulnerability in circumstances not calculated to create such a response, an increasingly judgmental attitude (particularly in inconsequential matters), making mountains out of molehills, increased difficulty in maintaining a sense of what is practical, daydreaming, increasing difficulty generating alternative solutions for problems, and increasing cynicism regarding family, colleagues, and coworkers.

Also signaling possible stress would be: becoming dehumanized or excessively objective, increasing difficulty and an unwillingness to communicate one's feelings or thoughts even to trusted associates, and an increase or decrease in one's appetites for love-dependency, food-alcohol, spending money, exercise (too much or none at all) and sexual activity.
Will Plant MSU Pennant in Peak

DR. HOOVER TO SCALE CHINA'S ANYEMAQEN
AS MEDICAL OFFICER FOR MOUNTAIN CLIMBING TREK

Rigorous training, including walking up 33 flights of stairs twice a day plus a swimming and weight-lifting program, will begin to pay off this week for Lon A. Hoover, D.O., associate professor of family medicine at MSU-COM.

On May 22 he starts a long trek — by plane, train, bus, truck and finally on foot — into the Tibetan part of China to scale the 20,600 foot mountain known as Anyemaqen, not climbed until now because of its status as a Buddhist workshop peak.

A long-time serious hiker and mountaineer, Dr. Hoover is a native of Washington state and has led some 100 climbs and taken part in 50 others. He is qualified to climb or lead climbs anywhere in the world, and has completed treks in Nepal, New Zealand, Austria and Alaska. His addiction to outdoor life began when he received hiking boots at the age of three.

This latest adventure, the ascent of Anyemaqen, begins Friday when Dr. Hoover flies to Seattle, where he will depart via Northwest Orient for Tokyo, then fly on to Beijing (Peking) and Lanchou, China. His party includes six other mountain climbers brought together by Mountain Travel of San Francisco.

As medical officer for the group, Dr. Hoover will be in charge of the health and wellbeing of his new colleagues. His major concerns will be high altitude pulmonary edema, upper respiratory infections, exhaustion and cardiac failure. Snowburn and sunburn can also pose problems, even though climbers cover their faces with ‘clown white’ (zinc oxide) for protection.

His ‘black bag’ and other medical paraphernalia for the climb will include oxygen for possible pulmonary edema, antibiotics, anti-diarrheatics and insect repellent. Insects in the area are said to be ‘fierce’ but should be left behind after reaching 10,000 feet elevation.

"I may treat some natives along the way," Dr. Hoover says.

He anticipates the food to be mostly of the trail variety, along with local dishes prepared by a Chinese cook. Other Chinese personnel on the early part of the trek will be an interpreter and an "accompanying" or "semi-guide."

The plan for attacking the mountain calls for 11 days 'up' and three days down. The area is primitive, inhabited largely by Tibetan horsemen or their descendants.

"After the first two days when pack horses will carry gear, everything will be hand-carried," Dr. Hoover says. "Three or four camps will be established en route to complete the climb. The top camp will be at about 18,000 feet."

The final ascent, he says, will take about 12 to 14 hours and begin at 2 in the morning. Only three hours should be needed to come back down.

While on the peak, Dr. Hoover will plant a bit of campus lore at the very top — a well-travelled, green MSU pennant.

He anticipates temperatures ranging from 80° mid-day to ten below at night. His clothing and equipment for the climb will include an ice ax, crampons or boots, sleeping bag, heavy expedition-weight down jacket and mitts, knickers and knicker sox, shirts, and snow goggles, plus a down sleeping bag (good for 60° below). His pack will weigh 75 to 80 pounds. Tents and other group equipment are being furnished by Mountain Travel.
He also expects to shoot 1,100 feet of movie film, and is taking 12 rolls of 36-exposure film for 'stills'.

When he returns from China, Dr. Hoover will 'relax' by scaling Mt. Ranier with his daughter, and then embark on a three-day pack trip with a group of family members and friends. He will also attend the Northwest Osteopathic Association annual meeting, where he is one of the speakers.

"Why climb?" is frequently asked of Dr. Hoover, who sometimes replies "just crazy," and then discusses the pleasures of setting goals -- and meeting them, the love of mountains, the beauty and spiritual lift of climbing.

He began climbing in 1954 and his early training involved beginner and advanced classes with the Tacoma (Washington) Mountaineers, part of the Federation of Outdoor Clubs and a branch of The Mountaineers, headquartered in Seattle.

Dr. Hoover joined the College of Osteopathic Medicine faculty in 1977, after 19½ years in private practice in Tacoma.

He's a graduate of the Chicago College of Osteopathic Medicine, interned at Clare (Michigan) General Hospital, and took special training in obstetrics at Riverside Osteopathic Hospital, Trenton, Michigan.


This spring Dr. Hoover completed work on a course and wrote the syllabus for "Introduction of Osteopathic Medicine within Manual Medicine for Athletic Trainers." His work in athletic medicine involves providing osteopathic manipulative treatment to all varsity MSU athletes, as needed or referred by other physicians on the intercollegiate athletic medicine staff.
AMERICAN ACADEMY OF OSTEOPATHY CONVOCATION
ATTRACTS LARGE DELEGATION FROM MSU-COM

The 1981 convocation in Colorado Springs of the American Academy of Osteopathy held March 25-28 drew a dozen students from MSU-COM, the largest contingent in MSU-UAAO history. Officers making the trip were: Will Page-Echols, Jane Harris, and Dwight Stallman along with UAAO members Dan Bensky, Dave Crotty, T. J. Gillespie, Jerel Glassman, Terry Sue Hayrynen, T. Reid Kavieff, Ken Lageroos, Wendy Page-Echols, and Greg Pecchia.

Theme of the convocation was "An Acid Test of Osteopathic Medicine" and the educational program, chaired by Frank Walton, D.O. was a series of lectures integrating osteopathic philosophy and practice with physiology and current research.

Among the faculty members were Lorane Dick, D.O., MSU-COM alumna, '78; Mitchell Elkiss, D.O., '78 alumnus; Allen Jacobs, Ph.D. (on leave as MSU associate professor of anatomy), Barbara Briner, D.O., and William Pintal, D.O., assistant clinical professors of biomechanics.

The conclave of Fellows was one of the most interesting and inspiring sessions, and included a presentation by Fred Mitchell, D.O., professor of biomechanics at MSU-COM, who discussed aspects of the Patient Oriented Medical Record as an aid in providing holistic health care.

In addition to attending the formal sessions, the MSU students actively sought out many of the attending D.O.s to improve their skills and knowledge of osteopathy in smaller informal groups. They also were able to meet like-minded students from other osteopathic colleges and participate in a meeting that may lead to the generation of a national undergraduate academy.

Funds to finance the trip were raised through OMT table sales, bake sales and through generous private donations, including those of most of the AAO members associated with MSU-COM. - Dan Bensky -

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SOMA ELECTS NEW OFFICERS:
MSU-COM's Bradley J. Clegg
ELECTED NATIONAL VICE PRESIDENT

Recently elected officers of the MSU-COM Student Osteopathic Medical Association are: president — Chris Dalm, vice president — Ronald Bradley, secretary — Meg McKeough, treasurer — Lyn Gibson, social chairman — Bob Tillotson, and NBR — Jay Walbridge. All are first year students and will serve for academic '81-'82.

On the national scene, at the SOMA House of Delegates meeting in Indianapolis, MSU-COM's Bradley J. Clegg was elected national vice president of the Student Osteopathic Medical Association. Elected president was Chris Reeder from the New York College of Osteopathic Medicine.

On May 29-30, closer to home, local SOMA members will be participating in the Greater Lansing Health Fair at the Lansing Mall, where they will be offering blood pressure screening.
SATURDAY, SEPTEMBER 19

A one-day symposium on "Cardiology" will be held at Detroit Osteopathic Hospital, 12523 Third Ave., Detroit. Hours are 8 a.m. to 3 p.m. David Schwartz, D.O., will be the moderator. Pre-registration is required. DOHC staff, $15; non-DOHC staff, $25, and physician in training, no charge.

Detroit Osteopathic Hospital will sponsor a one-day "Symposium on Cardiology" with David Schwartz, D.O., as moderator. Pre-registration required. DOHC staff, $15; non-DOHC staff, $25, and physicians in training, no charge. Contact Linda Braun, 313/252-4823.

MONDAY, SEPTEMBER 21 - FRIDAY, SEPTEMBER 25


FRIDAY, OCTOBER 2 - SUNDAY, OCTOBER 4


WEDNESDAY, OCTOBER 14

6:30 p.m. Urology seminar series: "Panel Discussion on GU Oncology," and "Uroradiology" by Steven Roth, D.O., staff urologist at Bi-County Community, Botsford General and Detroit Osteopathic Hospitals. 2¼ hours CME credit requested. Dinner included. Contact Duane M. Tester, 313/335-7742. Michigan Center for Continuing Education in Osteopathic Medicine, 900 Auburn Rd., Pontiac.

MONDAY, OCTOBER 26 - FRIDAY, OCTOBER 30


WEDNESDAY, NOVEMBER 11

6:30 p.m. Urology seminar series: "Patient Education in Urology" by Vernon Urich, M.D., chairman of the Urology Section of St. Joseph Hospital, Flint, and chairman of patient education, American Urologic Association; "Uro-radiology" by Brent Murphy, D.O., staff, Urology Department, Flint Osteopathic Hospital. 2¼ hours CME credit requested. Dinner included. Contact Duane M. Tester, 313/335-7742. Michigan Center for Continuing Education in Osteopathic Medicine, 900 Auburn Rd., Pontiac.
MONDAY, MAY 18


4 p.m. Physiology seminar: "A Hypertensive Effect of Prostaglandin E₂" by Stephen S. Hull, Jr., Physiology Department. 101 Giltner. (Also sponsored by the Interdepartmental Cardiovascular Training Group.)

TUESDAY, MAY 19

4 p.m. Microbiology and Public Health seminar: "Rearrangement and expression of antibody V gene" by Brian van Ness of Fox Chase Cancer Institute, Philadelphia. 146 Giltner Hall.

WEDNESDAY, MAY 20

4 p.m. Center for Environmental Toxicology seminar: "Metabolism and Toxicity of Technical Pentachlorophenol in Cattle" by Lee Shull, Animal Science Department. 338 Natural Resources.

TUESDAY, MAY 26

12 noon "Utilization of Physician Assistants in Primary Care" will be discussed by Judy Willis, M.S., PA-C, president of the Michigan Academy of Physician Assistants, assistant to the director of research at the Kalamazoo Campus of the MSU College of Human Medicine, and co-director of regional education for the Southwest Michigan Health Education Center. Sponsored by the Student Osteopathic Medical Association Lecture Series. E-105 East Fee Hall.

4 p.m. Microbiology and Public Health seminar: Presentation by Thomas Shenk of the Department of Microbiology, State University of New York.

4 p.m. Biochemistry seminar: "Molecules and Models for Adhesion among Embryonic Chick Neural Retina Cells" by Jack Lilien, Department of Zoology, University of Wisconsin, Madison. 101 Biochemistry.

MONDAY, JUNE 1

4 p.m. Physiology seminar: "Circadian Maternal-Fetal Hormonal Interactions and the Placenta" by Scott W. Walsh, MSU Physiology Department. 101 Giltner Hall.
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_____________________________________________________

NEWS ITEMS OR FEATURE SUGGESTIONS

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PLEASE RETURN TO the Health and Medicine Section, Information Services, A314 East Fee, Michigan State University, East Lansing, MI 48824. For assistance call 517/353-0820.
Wednesday, June 3

4 p.m. Environmental Toxicology seminar: "Toxicology and Metabolism of Aluminum" by Gilbert Mayor, M.D., Department of Medicine, MSU College of Human Medicine.

Flint Osteopathic Hospital's Earl E. Congdon Lecture Series: "Alcoholism and Its Medical Complications". Contact Office of Medical Education 313/762-4578.

Friday, June 12

3 p.m. Hooding Ceremony honoring the Class of 1981, MSU College of Osteopathic Medicine. MSU Auditorium.

Friday, June 12 - Sunday, June 14

Mid-year meeting of the American College of Neuropsychiatrists, co-sponsored by the Michigan Center for Continuing Education in Osteopathic Medicine and the American College of Neuropsychiatrists. Seminar: "Psychiatry and the Child" to be held at 900 Auburn Road, Pontiac. Program chairman: Jimmie P. Leleszi, D.O. Contact: Duane M. Tester, 313/335-7742.

Saturday, June 13

The American College of Neuropsychiatry will sponsor a medical conference at the Michigan Center for Continuing Education in Osteopathic Medicine, 900 Auburn Road, Pontiac, Michigan. Through June 14. Program chairman is Michael A. Nigro, D.O. Contact Duane M. Tester, 313/335-7742.

10 a.m. University Commencement Exercises for awarding professional and other advanced degrees. Spartan Stadium.

Monday, June 15


Friday, June 26


Thursday, July 9

THURSDAY, JULY 9 - SUNDAY, JULY 12


WEDNESDAY, JULY 15

Flint Osteopathic Hospital's Earl E. Congdon Lecture Series: "Update on Infectious Diseases." Contact Office of Medical Education, 313/762-4578.

FRIDAY, JULY 24 - SUNDAY JULY 26


MONDAY, AUGUST 24


WEDNESDAY, SEPTEMBER 9

6:30 p.m. Urology seminar series: "Pediatric Urology" by R. Lawrence Kroovand, M.D., assistant professor of urology, Wayne State University School of Medicine and associate director of pediatric urology at Children's Hospital of Michigan; "Uro-Radiology" by John R. Lanesky, D.O., staff urologist, Bi-County Community, Botsford General and Detroit Osteopathic Hospitals. 2½ hours CME credit requested. Dinner included. Contact Duane M. Tester, 313/335-7742. Michigan Center for Continuing Education in Osteopathic Medicine, 900 Auburn Rd., Pontiac.

FRIDAY, SEPTEMBER 11 - SATURDAY, SEPTEMBER 12

Third Annual Alumni Scientific Symposium, open to all interested persons. Sponsored in conjunction with MSU/Illinois football game. Contact Sandy Kilbourn, 517/353-8822. Kellogg Center for Continuing Education, MSU. Approximately six hours of Category I CME Credit will be offered.
HOODING CEREMONY FOR CLASS OF 1981
SET FOR FRIDAY, JUNE 12, AT MSU AUDITORIUM

The Class of 1981 at Michigan State University's College of Osteopathic Medicine should be braced for a flurry of commencement activities by the time Friday, June 12 arrives. That afternoon, at three o'clock, the 1981 Hooding Ceremony honoring this year's graduating class will take place in the MSU Auditorium.

The Hooding Ceremony program includes remarks by MSU-COM Dean Myron S. Magen, Assistant Dean for Student Affairs Kay E. White, and Class President Jane Kennedy. The candidates for hooding will be presented by Associate Dean Philip E. Greenman, with the hooding itself conducted by Gerald G. Osborn, D.O., assistant professor of psychiatry, and Ralph F. Otten, D.O., professor of osteopathic medicine.

That evening the graduating class will hold its Senior Banquet at Long's of Lansing. Dinner is at 8, preceded by cocktails at 7. The next morning, the doctor of osteopathy degrees will be conferred upon 90 men and women at MSU's graduation ceremonies for professional and advanced degree candidates, scheduled for Spartan Stadium at 10 a.m.

Serving on the College Hooding Committee, charged with making and implementing plans and arrangements for the 1981 Hooding Ceremony for the new D.O.s in this year's graduating class, are (seated, from left): Kay White, Ph.D., assistant dean for student affairs; Sandy Kilbourn, M.A., executive secretary of the MSU-COM Alumni Association, and Mary Anderson, administrative assistant for student records. Standing: Joyce Kolomjic, office supervisor; Helen Head, administrative assistant, and Dot Thullen, office assistant, all in the Office of the Dean.
HIGH TRANSPORTATION PRICES FORCE
MSU WILLED BODY PROGRAM
TO CHANGE POLICY

Rising transportation costs are forcing changes in the policy of Michigan State University's Willed Body Program, which receives human bodies bequeathed to further medical science and education of osteopathic medical students and other health professions students at MSU.

Until now, the program has paid all expenses for transporting donated bodies to the University and expenses for later cremation and burial, if death occurs with the boundaries of Michigan's lower peninsula, according to Milvet Strickler, director of anatomical resources in MSU's Department of Anatomy.

In a letter sent to all individuals who have signed papers willing their bodies to MSU, Mr. Strickler stated that the Department of Anatomy is "no longer able to provide free transportation to Michigan State University from the location of death." He stated that "economic conditions now force us to ask the next of kin to assume a minimal transportation charge in the event of our acceptance of the body."

Mr. Strickler said "Although it is impossible to predict this cost in the years to come, please be assured it shall reflect only our essential operational costs."

* * * *

1981 YEARBOOKS ARRIVE!
EDITOR REPORTS: "THEY LOOK GREAT"

Loaded with photographs (many in color) depicting lighter moments as well as important milestones in the medical student careers of the Class of 1981, the newest edition of the yearbook "Cruans Manus" has arrived in the Office of Student Affairs and can be purchased via the staff of Assistant Dean Kay E. White.

Price of the 128-page, fabric covered volume is but $20, according to editor Scott Carlson, who also is filling for the unofficial record of the lives and times of the Class of 1981 at the Michigan State University College of Osteopathic Medicine. He can be reached at 484-9158 or through mail box #668.

"How better to recall Fee Follies, circa 1980, or view close-ups of graduating seniors.....or keep a record of those honored as 'instructors of the year'.....or be reminded of the activities of the athletic 'greats' specializing in skiing, hockey, or softball?" Carlson points out.

* * * *

ALL-COLLEGE PICNIC SET FOR JUNE 27
AT WONCH PARK PAVILLION IN OKEMOS

The date of the annual all-college picnic, sponsored by the Student Associate Auxiliary at MSU-COM is Saturday, June 27, according to an announcement from SAA secretary Teresa R. Perez. Site of this year's event will be Wonch Park Pavillon on Okemos Road. Activities will get underway at noon. Detailed plans will be announced soon.
FIRST ALUMNI "SEMINAR IN THE SUN"
DRAWS 60 PARTICIPANTS, PLANS UNDERWAY
FOR REPEAT PERFORMANCE IN 1982

It was all there — balmy weather, lush island setting, congenial people, activities to suit every
taste, AND Continuing Medical Education — everything to make a successful mid-winter
getaway, the first such sojourn staged by the MSU-COM Alumni Association.

The place was St. Thomas in the U.S. Virgin Islands, where 60 winter-weary alumni, other
osteopathic physicians, and their families and friends, joined forces on February 24 - March 2
for a week-long "Seminar in the Sun" at the Sugarbird Beach and Tennis Club.

Forty members of the group travelled together, embarking from Detroit's Metropolitan
Airport, and the other 20 travelled independently. The congregation included 33 D.O.s, alumni
and non-alumni from Michigan, Ohio, Pennsylvania and Nevada.

Five mornings of CME programs convened from 7 to 11 a.m., leaving the rest of the days free
for tennis, golf, swimming, snorkeling, scuba diving, sailing, island hopping, fishing, shopping
and "lots of good food."

Travel arrangements were handled by East Lansing's Spartan Travel. The seminar program was
coordinated by Sandy Kilbourn executive secretary of the COM Alumni Association, and
Alumni President Gordon Spink. They reported that the enthusiastic response to this first off-
shore Alumni trip has influenced the Alumni Association's board of directors to vote for a
repeat performance in 1982 — a "Seminar in the Sun" to be held at Cancun in the Mexican
Yucatan.

("Communique" will provide early information on the Cancun trip as soon as it becomes
available. It is anticipated that next year's trip will take place in February or March.)

CME speakers for this first Alumni Association "Seminar in the Sun" included: Rosemary
Havey, D.O., psychiatric resident, Michigan Osteopathic Medicine Center, Inc.; Sander
Kushner, D.O., certified general practitioner, Taylor, Michigan; Ronald Rhule, D.O., and
Howard Lasser, M.D., emergency room physicians at Royal Oak's William Beaumont Hospital
and Detroit's Henry Ford Hospital respectively; Gordon Spink, D.O., Ph.D., director of medical
education, Flint Osteopathic Hospital; Kenneth Stringer, D.O., MSU assistant professor of
pediatrics, and D. R. Barbachym, D.O., certified internist, Grand Rapids. The course was
approved for 20 hours of Category I credit by MSU-COM.

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PROPOSAL DUE DATES ANNOUNCED BY COM
OFFICE OF RESEARCH AND GRADUATE STUDY

June 1 is the proposal due date for the following government grant programs: Environmental
Health Research Center, Neonatal Brain Disorders Research, Minority Biomedical Support, and
Cancer Award/Diabetes Mellitus.

July 1 is the proposal due date for: Mental Health Research Grants, Behavioral Sciences
Research Program, and Nurse Practitioner Training Program.

Additional information is available from Philipp Gerhardt or Perrin Parkhurst at 517/353-1780.
BASIC PRINCIPLES OF MANUAL MEDICINE
OFFERED JUNE 15-19 AT MSU'S KELLOGG CENTER

A five-day intensive course in the fundamentals of manual medicine will be offered Monday, June 15 through Friday, June 19 at Michigan State University's Kellogg Center for Continuing Education. Sponsors include MSU's College of Osteopathic Medicine, College of Human Medicine, the Lifelong Education Programs of MSU, in cooperation with The North American Academy of Manipulative Medicine.

Participation in "Basic Principles of Manual Medicine" will be restricted to 40. Applicants are being accepted from interested physicians (D.O. and M.D.) and selected licensed physical therapists.

Course content will include the spine, pelvis, and extremities. In addition to lecture material, course work will emphasize practical application through demonstrations and small group practice sessions.


"Basic Principles of Manual Medicine" has been approved for 40 hours of AOA Category I credit and has been approved for 40 hours of Category I CME credit for the Physician's Recognition Award of the American Medical Association.

Early advance registration is advised. Cost of tuition, notebooks, and handouts, plus luncheon each day, total $400. Registration information, accompanied by checks made out to Michigan State University, should be sent to: "Basic Principles of Manual Medicine," Lifelong Education Programs, Kellogg Center for Continuing Education, Michigan State University, East Lansing, Michigan 48824.

Include your name, professional address and telephone, AOA Number and other certification information. Indicate if you need housing at Kellogg Center (single: $27 per person, plus tax; double room, $16 per person, plus tax). A housing confirmation will be sent, if time permits. Do not prepay housing unless needed to hold for late arrival after 6 p.m. (The housing check, if needed, is in addition to the tuition check).

Prepayment of registration fee will be refunded upon notice of cancellation by mail or telephone by June 10, 1981. No refunds can be made after this date.

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CLASS OF 1982 NAMES
DR. COSTANTINO AND DR. OTTEN

Looking ahead to next year's commencement activities, MSU-COM's Class of '82 has already named the two faculty members to officiate during the actual hooding of D.O. degree candidates. Receiving the honor are John Costantino, D.O., assistant professor of internal medicine, and Ralph Otten, D.O., professor of osteopathic medicine. Class members also voted for the 1982 recipients of the Clinical Faculty Award, Adjunct Clinical Faculty, Award, Basic Science Faculty Award, and the Student Support Services Award, according to an announcement made at this year's Fee Follies by Class of '82 President Shelly Friedman.
Raymond E. Kania, D.O., '77 alumnum of MSU-COM, and medical director of Kennewick (Washington) General Hospital's Emergency Department, has been honored by the City of Kennewick with a special citation for his work in helping to establish a paramedic program to serve the area's 100,000 residents. The hospital's Emergency Department annually sees 28,000-30,000 patients.

Charlene Abernathy, 2nd year COM student, was awarded a scholarship to attend the April 13-15 Conference on Nutrition, Gerontology, Environmental and Occupational Medicine held in Atlanta by the Association of Preventive Medicine. She presented a paper on teaching methods for occupational health at MSU-COM, in addition to attending conference sessions and meeting with national experts in preventive medicine.

Ralph Birzon, D.O., assistant professor of family medicine, and his wife, Selma Birzon, M.S.W., on April 22 were interviewed on various aspects of teen-age sexuality, pregnancy, venereal detection and treatment on Miami's television Channel 6. As directors of the S.H.A.R.E. Center, a non-profit clinic in Florida's Broward County, they have made similar media presentations on local radio talk shows.

Gaston E. Blom, M.D., professor of psychiatry and of elementary and special education, has been appointed for a three year term to the Special Education Advisory Committee of the State of Michigan.

Kay E. White, Ph.D., assistant dean to student affairs, on May 2 addressed the Michigan Province of Delta Zeta Sorority Alumnae on "Sororities, Value Development, and Becoming Better Human Beings."

Brenda Ann Rogers, 2nd year COM student, presented a paper on "Effects of Insulin-Dependent Skeletal Muscle Glucose Transport During Live E. Coli Bacteremic Shock in the Dog" at the Midwest Student Medical Research Forum held April 2 and 3 at the University of Missouri, Columbia. Some 90 students from 17 states participated. She presented the same scientific paper at the National Student Research Forum held April 23-25 at the University of Texas Medical School in Galveston.

Claire Fleet Berkman, Ed.D., associate professor of psychiatry, spoke on "Talking with our children about sexual abuse" at a meeting of the Haslett Child Study group. She has been appointed to the advisory council of the Circuit Court Family Counseling program and recently selected to be included in the 12th edition of "Who's Who of American Woman."

Charles H. Sander, M.D., and Katherine D. Washko, M.T. (ASCP) are authors of a 1981 Check Sample Program of the American Society of Clinical Pathologists entitled "Hemorrhagic Endovasculitis and Hemorrhagic Villitis of the Placenta," Anatomic Pathology No. AP81-3 (AP-87) Vol. 9 No. 3, 1981. This material will be distributed to approximately 1100 pathologists in the U.S. and abroad. Dr. Sander was guest speaker on March 27 at the New York City's Mt. Sinai Medical Center where he spoke on "The Michigan Placental Tissue Registry — Our Experience with Hemorrhagic Endovasculitis of the Placenta." A course presentation by Dr. Sander entitled "Placental Alterations with Non-Neoplastic Disease in Pregnancy" has been selected as a short course for next year's annual meeting of the U.S./Canadian Division of the International Academy of Pathology. The meeting will be held on March 4-5, 1982 in Boston.
INVITATION

The Class of 1981 of the Michigan State University
College of Osteopathic Medicine
cordially invites
all faculty, students and other friends of MSU-COM
to attend
the 1981 Senior Banquet and Dance
on Friday, June 12 at Long's of Lansing

Cocktails at 7 p.m.        Reservations by May 29
Dinner at 8 p.m.

Reservations can be made by sending a check for $20 per person
to: Maureen Thompson, 1051 Covington, Detroit, Michigan 48203.