ILRC to help educate tomorrow’s physicians

MSU-COM's planned Interactive Learning Resource Center (ILRC) will help educate physicians for the challenges of the twenty-first century.

A gift of $500,000 in memory of Stefan Hans Kobiljak, Jr. will help establish the facility, which will bear his name.

Kobiljak, a 1985 alumnus of MSU-COM, had begun an internal medicine residency at Henry Ford Hospital in 1986, with an intention to specialize in rheumatology. The gift in his memory was presented to the college by his parents, Stefan and Pat Kobiljak of Grosse Ile, and his brother Kurt and sister Karin. "We are very grateful to the Kobiljaks for their generous gift," said Perrin Parkhurst, director of instructional systems.

The new facility will be on the first floor of Fee Hall. The facility will include thirty-two carrels, thirty computer workstations, conference facilities for twelve, additional study space for up to fifty-two, new lighting and ventilation and a total capacity of one hundred twenty-six. The facility will be over four thousand square feet in size.

Current MSU-COM facilities for audio-visual and computer aided instruction are located in the Carrel Room in the basement of Fee Hall. Facilities now include eight computer workstations, four Macintosh SE computers and four IBM compatibles. The room is less than 1,500 square feet in area. There are no conference facilities. The twenty-nine carrels are crowded in the room, and study space is limited. The room has no windows or air conditioning system. Total capacity is sixty-six.

Existing
- Basement
- 1500 square feet
- 8 computer workstations
- 29 carrels (crowded space)
- No conference facilities
- Limited quiet study space
- No windows or air conditioning
- Total capacity = 66

Proposed
- First floor Fee Hall
- 4000+ square feet
- 30 computer workstations
- 32 carrels
- Conference facilities for 12
- Additional quiet study space for 52
- New lighting and ventilation
- Total capacity = 126

Comparison of existing and proposed facilities

The ILRC has been in development since 1987, and is intended to update and improve on existing facilities available to students, said Parkhurst.

"The ILRC is designed to function as a central facility"

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ILRC

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where students can come together to access information and we can assist them in accomplishing the educational objectives of the College's curriculum," Parkhurst said.

Parkhurst wrote the initial grant proposal for the ILRC submitted to the National Library of Medicine in 1987 with Patricia Grauer, director of health information and assistant to the dean, and ILRC advisory committee chairperson; Sashi Reddy, systems manager of Information Systems and Analysis; and Robert Esdale coordinator for special projects.

The proposal identified five objectives to be met by the project: (1) the relocation and expansion of the current Carrel Room to provide better access to existing resources; (2) establishing a state-of-the-art teaching/learning center using computer-assisted and interactive videodisc instruction and support; (3) providing electronic linkages to university sources, community hospitals and major medical data bases such as MEDLINE; (4) promoting computer literacy among the College's students, faculty, clinical faculty and continuing medical education participants; and (5) developing administrative and operational support services for the project.

"The new facility will be an improvement on the existing facility in that it will be larger, more up to date, more pleasant, and we'll have a staff who are responsive not only to the student's needs but to the faculty needs as well," Parkhurst said.

Part of the ILRC's function will be to improve access to electronic communication, said Patricia Grauer.

"The center will be a focal point for electronic communication for educational purposes in the college," Grauer said. Access to data bases, the MSU library MAGIC system, an on-line circulation and catalog system, or communication to hospitals will all be possible through electronic linkages.

Instructional materials located in the ILRC will include a variety of media, including all the resources currently located in the Carrel Room. In addition, computer and interactive videodisc instruction capabilities will be expanded.

"What we will do is enhance the computer instruction and the interactive video instruction by having thirty workstations available instead of eight, by having an enhanced software library and by having a staff available to help students utilize this," Grauer said.

Instructional software has an advantage over traditional methods of self-learning and review in that it allows students to have greater control over the learning experience. Computer assisted instruction allows students to progress at their own pace, and in their own fashion. "The student determines the instructional modes that are chosen," Parkhurst said.

Another instructional method uses videodisc technology to create a data base of images, motion pictures and sound. These can be accessed through an interactive computer program almost instantaneously, to create unique learning experiences.

Parkhurst noted that programs using videodisc technology can be developed by MSU-COM faculty and academic affairs staff.
Current holdings already include new technologies

Although part of the goal of the new ILRC facility is to expand MSU-COM's holdings of interactive software, some items are already present in the Carrel Room. Here is a listing of titles of computer interactive and video interactive programs currently held in the Carrel Room:

For the MacIntosh:

"Heart Lab" is a computer interactive cardiac simulator. It allows you to listen to heart sounds associated with a variety of heart conditions. A testing mode is available for you to make a diagnosis of a computer generated cardiac condition.

General Pathology Labs have been developed using video interactive technology to support the medical pathology courses. Each Lab provides a case write-up, the gross pathology for the case and microscopic pathology slides, followed by a diagnosis. These labs present computer graphics and laserdisc images along with explanatory text.

"Hyperbrain" is a Hypercard environment which contains a number of modules pertaining to topics in neurology and neuropathology.

"CNS Neoplasms" is a course in gross pathology. It is a Hypercard program which presents computer graphics and laserdisc images along with explanatory text. This program combines five modules that are linked together to form a complete unit of instruction: pre-test, lesson, simulation, post-test and glossary.

"CNS Cytopathology" is a course in cytopathology. Like "CNS Neoplasms", "CNS Cytopathology" is a Hypercard program that presents computer graphics and laserdisc images along with explanatory text. This program also combines five modules that are linked together to form a complete unit of instruction: pre-test, lesson, simulation, post-test and glossary.

Various general purpose software, including MacDraw II, Hypercard and WordPerfect are available for the MacIntosh as well.

For IBM compatibles:

Medical Reference Systems: "Electronic Medical Reference" (EMR) provides reference materials covering a wide range of clinical interests. "Electronic Physician's

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Patenge medals to be awarded at convocation

The 1989 Walter F. Patenge Medals of Public service will be awarded to Roger J. Bulger, M.D. and John McMillan Mennell, M.D.

The awards will be presented at the nineteenth annual MSU-COM convocation, to be held Friday, October 27, at 3 p.m. in MSU's Kellogg Center Auditorium. Bulger, president of the Association of Academic Health Centers, will deliver the convocation address.

The Patenge Medals are awarded annually by the Michigan Osteopathic Medicine Advisory Board to recognize persons involved in health care, education and public service.

Roger J. Bulger, M.D.

Bulger, an internist and fellow of the American College of Physicians, served as the first executive officer of the Institute of Medicine from 1972 to 1976. During that time he worked under presidents John Hogness and Donald Fredrickson, and was acting president for two years.

Before serving at IOM, Bulger was an associate professor of medicine in the division of infectious diseases at the University of Washington School of Medicine, and later was professor of community health sciences at Duke University Medical Center.

Bulger also served in administrative posts including assistant dean for clinical affairs and medical director of the University of Washington Hospital in Seattle and associate dean for allied health sciences at Duke.

After leaving the IOM, he became the dean of medicine and chancellor of the University of Massachusetts Medical Center and Hospital at Worcester.

In 1978 to 1988 Bulger served as president of the University of Texas Health Science Center. In January of 1988, Bulger became the president and CEO of the Association of Academic Health Centers in Washington, D.C. A member of the Institute of Medicine for many years, he has been on several IOM studies and currently serves as chairman of the study on the effects of medical professional liability on the delivery of obstetrical care.

Bulger has published almost one hundred journal articles and chapters in books, the majority in the field of infectious diseases, clinical pharmacology and microbiology. Recently he has been publishing more in the area of health policy generally. His two most recent books are In Search of the Modern Hippocrates and Technology, Bureaucracy and Healing in America—a Post Modern Paradigm.

John McMillan Mennell, M.D.

Mennell retired from the practice of medicine in 1978 but has continued to be active in graduate medical education both nationally and internationally. He has been a clinical professor in the Department of Osteopathic Medicine at MSU-COM in physical medicine and rehabilitation since 1983. A familiar figure in continuing medical education courses, Mennell will be chairperson of the CME course Tutorial on Joint Play Applied to the Spine and Extremities on campus this November.

Mennell has been interested in the ecumenical endeavors of some of the leaders of the osteopathic profession since a conference sponsored by the Rockefeller Brothers' Foundation in 1961. He helped to establish a continuing medical education program for the teaching of manual
Patenge awards

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terly awarded by the university in the early part of 1978.
Throughout his career Mennell has shown a special interest in the musculoskeletal system and pain arising from it. He has contributed a large number of papers and is the author of four textbooks on the subject. One of them, Joint Pain, was published in Japanese in 1986. Films of Mennell's work have had international distribution, including countries behind Iron Curtain. He completed shooting his fourth instructional film in 1987.

Mennell has received an honorary M.A. from the University of Pennsylvania and in 1964 he was awarded the ABC Knudson Award by the American Association of Rehabilitation Therapists "in recognition of a lifelong dedication in the field of rehabilitation," and for his support of the A.A.R.P. In 1986 he was awarded one of three Presidential Medals of Merit from the International Federation of Manual Medicine.

In 1984 Mennell made three contributions to the medical literature. He contributed a chapter to a textbook entitled Neurosurgery compiled by the faculty of neurosurgery of Duke University. He contributed a chapter on "Stress Headaches From Causes in the Musculoskeletal System and Their Treatment by Physical Means * in Stress and Tension Control 2 published by the Plenum Publishing Corporation of New York. He also contributed a chapter to Modern Manual Therapy edited by Gregory Gricev.

In February 1984 Mennell was invited to deliver the third Pierce Nelson Lecture at a convocation of the San Francisco College of Podiatric Medicine.

Mennell was educated in England at the University of Cambridge and St. Thomas' Hospital Medical Schools. He is certified by the American Board of Physical Medicine and Rehabilitation. Before that he received the diploma of Medical Radiology and Electrolyte (board certification) from the University of Cambridge.

Mennell is past president of the Pennsylvania Academy of Physical Medicine and is also the past president of the North American Academy of Manipulative Medicine, which elected him emeritus counselor in 1985. Except on three occasions Mennell has been the United States delegate to every convention of the International Federation of Manual Medicine since its formation.

Mennell, at one time or another, has been a consultant to each of the armed forces of the United States, the Tennessee Valley Authority and the Congress of the United States.

Programs

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Drug Reference* (EPR) is an on-line Physician's Desk Reference.

"Cyberlog" is the first quarterly journal for microcomputers that offers a case study approach to patient diagnosis. "Cyberlog" uses interactive software to present realistic clinical diagnostic situations covering a broad range of topics. Each program is divided into three parts: tutorial, which presents review information and brief explanations; tools, which offers interactive diagnosis to prescribe medication, diet and treatment plans; and cases. Currently there are six Cyberlog programs available: acute respiratory failure; coronary artery disease; fluid, electrolyte, and acid-based balance; hypertension; inpatient infectious diseases; and management of Type II diabetes.

Upjohn Simulations are clinical correlations designed to reinforce concepts taught in various medical courses. The user interacts with the patient evaluation models to promote learning and increase mastery. Extensive on-line help is available for each module. Modules available are:

- "Dermal," designed to reinforce concepts taught in dermatology courses
- "Endocal," designed to reinforce concepts taught in endocrinology courses
- "Mical," designed to reinforce concepts taught in medical microbiology courses, and
- "Psycal," designed to reinforce concepts taught in psychiatry courses.

"Introduction to Cardiovascular Examination," an interactive course by Mirror Technology, provides two to four hours of instruction on the anatomy and physiology of the heart, auscultation of heart sounds and abnormal heart sounds and murmurs. The program combines laserdisc images with computer graphics to present information and test users on their knowledge of cardiology.
COM alumnus helps explorers of the final frontier

Larry Pepper, COM '85, was always interested in spaceflight. "One of my earliest memories is Neil Armstrong on the moon," Pepper said. "I remember watching that on my parents' black and white television. That really captured my attention."

Now working for NASA in the Medical Operations Branch at the Johnson Space Center in Houston, Pepper has multiple responsibilities, including research; primary care of astronauts, pilots and their families; and medical ground support for shuttle missions.

Pepper and his wife Sally currently live in the Clear Lake area adjacent to the Johnson Space Center. They have two children, three-year-old Adam and one-year-old Megan. They expect another child in January.

Pepper recently served as deputy crew surgeon for shuttle flight STS-28, a Department of Defense mission.

Pepper explained that a crew surgeon's responsibilities included preparing the flight crew for the mission, as well as medically certifying crew members as fit for space flight.

Pepper said flight surgeons meet with the crew four times before a mission to help them prepare.

The initial meeting, which occurs about six months prior to the mission, is with the whole crew to discuss medical concerns, safety and health issues relevant to the unique environment of space flight.

The second meeting takes place later with the crew members designated by the mission commander to be responsible for medical care on the flight. At that time crew members are trained in the use of medical equipment contained in the Shuttle Orbital Medical System, or SOMS. The designated crew members will also learn basic techniques such as how to conduct a physical using a checklist system.

Pepper said that although using these techniques the crew can handle many medical problems encountered in space by themselves, flight surgeons are always available for long distance consultation.

"There's someone [from a health profession] monitoring the orbiting shuttle at all times," Pepper said.

The third meeting takes place ten days before launch, or T-minus ten days. At that time the astronauts are given a physical exam and certified for flight readiness. Pepper said this allows doctors a chance to clear up a minor health problem, such as sinus problems or gastritis. If a more major problem is detected, Pepper said, "then we have to make a decision on whether or not the astronaut is fit for spaceflight." He noted that only once has an American astronaut been pulled from a mission for health reasons, when astronaut Thomas K. Mattingly II, who had been exposed to measles, was grounded prior to the launch of Apollo 13.

The final meeting takes place two days before flight.

After the shuttle launch, the crew surgeons fly in the back seat of NASA T-38 jets to mission control in Houston, where they take shifts monitoring the shuttle during the astronauts' waking hours. Biomedical technicians monitor the console during sleep periods. A crew surgeon remains on call at all times.

One day before shuttle landing the surgeons fly to Edwards Air Force Base in California to examine the crew before they leave the shuttle. The surgeons examine the astronauts again three days afterward.

"It's a lot of physical exams," Pepper said, noting that astronauts are required to have a yearly physical to ensure they meet standards set by NASA.

Pepper said that being a D.O. gives him some advantages.

"I think where it has been a real advantage is using the holistic approach to medicine," Pepper said. "We have an active preventive medicine program," Pepper said. "The majority of astronauts are very fit and health conscious."

Pepper said he has also found manipulative medicine useful in dealing with some of the unique strains the environments of spaceflight and high performance jets place on the body.

Another part of Pepper's job involves research into the effects of the space environment on the body.

Although the shuttle is maintained as a "shirt-sleeve" environment, with temperature and atmosphere comfortable for astronauts without space suits, one element of the ground environment can't be supplied: gravity.

Gravity is measured in Gs. One G is the pull of gravity at the earth's surface. While in orbit, the shuttle is at zero-Gs. Research into the effects of weightlessness is therefore very important.
One important area of research, Pepper said, is space motion sickness. He noted that sixty-seven percent of first-time shuttle astronauts experience some space sickness in the first three days of flight.

Beside space motion sickness, Pepper said there were other noticeable effects of zero gravity environments.

At one G, gravity tends to cause blood to pool in the feet. At zero Gs, that no longer is true. Changes take place in the cardiovascular system as one to two liters of blood flood the central circulatory system.

"When you see the crew on television pictures during flight you can see the faces are more round and puffy and the voices are more nasal," Pepper said.

Astronauts also urinate what the body sees as excess fluid. The body adjusts to a new level for fluid equilibrium, but at landing those fluids must be must be replaced.

"If you don't replace that fluid, then the astronauts might become light-headed for a while," Pepper said.

Before landing the astronauts take eight salt tablets and drink thirty-two ounces of water to replace the fluid.

"That essentially fills their tanks," Pepper said. Pepper said no significant long lasting effects from short-duration flights have been detected so far, but noted that the pool of data is small, since it is still only a small number of people who have been in space. Longer flights, however, pose more significant problems.

"In longer flights, muscles actually atrophy," Pepper said.

The entire musculoskeletal system is affected as bones lose calcium and muscles deteriorate.

Pepper said U.S. data from the 1970s Skylab missions are conflicting as to whether such loss is permanent.

Because of their experiences with Soyuz and the orbiting station MIR, the Soviets have more data on long-term effects than the U.S., Pepper said.

Data obtained so far from the Soviets show that some calcium and muscle loss occurs despite countermeasures such as dietary supplements and special exercises. NASA is working on relations with the Soviet space program to encourage exchange of medical data from long flights.

Looking forward, these data will help in planning for the U.S. manned permanent space station. Future shuttle missions will include extended duration orbiter flights of up to twenty-eight days. Pepper said these data will be necessary to prepare for the space station, as well as any lunar outpost or Mars mission. In order to become certified in aerospace medicine, Pepper completed a four-year residency program through Wright State University in Dayton, Ohio, also earning a Master of Science degree in aerospace medicine.

The program consists of a first year of academic learning leading to the aerospace medicine degree. The second year is clinical and research oriented, requiring the resident to assess every body system and the reactions to the environments of spaceflight and high-G jet flight. The third year consists of practical experience in the field.

Pepper became board certified in aerospace medicine by the American Osteopathic Board of Preventive Medicine this year.

Pepper expresses a lot of excitement about his job.

"It's a fun job," he said. "There are times when I can't believe I'm being paid to do it."
COM student continues international efforts

Carrie Bolander, COM ‘90, recently traveled to Lisbon, Portugal, to attend the 38th Annual General Assembly Meeting of the International Federation of Medical Student Associations (IFMSA).

Bolander attended the assembly on behalf of MSU-COM International Health Project (IHP) and the Student Osteopathic Medical Association (SOMA).

Twenty-nine countries were represented by a total of 101 medical students.

Bolander, together with Julie Johnson, COM ‘90, also attended a March meeting for the International Federation of Medical Student Associations that was held in Kerkrade, The Netherlands. Johnson also attended the Nigerian conference of the IFMSA in 1988.

IFMSA started as a European organization to allow exchanges of medical students between countries for one- or two-month rotations. Over the last thirty-eight years countries from other parts of the world have joined the organization, including Asia, the Far East, Africa, the Middle East, South America, Central America and recently the U.S.A. The U.S.S.R. also sent representatives to the Lisbon conference.

Although student exchanges have been the most fruitful of IFMSA projects, other projects have also been working on a smaller scale. For example, Bolander said a Village Concept idea has produced an ongoing clinic in the Sudan which students from IFMSA countries have organized and continue to run successfully. Other projects are developed according to the interests of the students and countries involved.

At the Lisbon conference, Bolander not only continued to make arrangements for future student exchanges between MSU and schools from other IFMSA countries, she also participated in a special workshop on the medical student’s role in attaining the World Health Organization’s goal of Health for All by the year 2000.

Bolander said that the Health for All concept was formed eleven years ago. While much has been done, only eleven years are left to attain the goal and there is still much to do. Workshop participants prepared a paper to be distributed to all interested medical student organizations explaining actions to be taken by medical students on individual, community, national and international levels to attain the Health for All goal.

"The participants were very excited by the results of the workshop and plan to continue the progress in individual countries," Bolander said. Further workshops are planned for future IFMSA meetings.

Other topics covered at the Lisbon conference included postgraduate professional exchange, and working groups on AIDS and health education.

Bolander said the conference was very successful for MSU-COM’s International Health Project. IHP was the first U.S. organization to begin student exchanges through IFMSA. Two Austrian students are currently taking two-month rotations at Traverse City Osteopathic Hospital, and one COM ‘92 student, Laura Ringlein, recently returned from a preclinical rotation in Austria. Janice Krauss, COM ‘90 will be taking a two-month surgical rotation in Austria in January and February 1990. Contracts have also been made for exchanges with schools in Spain, Catalonia, Egypt and Finland.

"Not only did the exchange meetings progress well," Bolander said, "but progress was made promoting osteopathic medicine."

Bolander, along with two students from the Philadelphia College of Osteopathic Medicine, held a workshop explaining the differences between osteopathic and allopathic medicine. They also demonstrated various osteopathic manipulative treatments.

Bolander said the workshop was well received by students from the other countries.

"Many students showed interest in coming to MSU-COM on an exchange basis to learn more," Bolander said.

Bolander said she is very enthusiastic about such interactions because the students involved in IFMSA are potentially the future leading physicians and policy makers of their countries. She said the next IFMSA meeting will be held in Turkey and will concentrate on professional medical student exchange.

"Such exchanges promote not only understanding within the international medical realm, but also within the international political, cultural, and social realm," Bolander said.
Alumni News

Marlene Harvey, COM ’79, writes that in January, she was named director of gerontology at Kirkville College of Osteopathic Medicine and in February became chairperson of the department of general practice. In March, she was certified in general practice.

Arthur A. Weaver, COM ’84, has been appointed by the governor of Nebraska to the State Board of Health and was elected secretary of the Nebraska Association of Osteopathic Physicians and Surgeons (NAOPS). He constructed remedial legislation which successfully passed the Nebraska legislature this year, allowing unrestricted D.O. licensure.

Nebraska was the last state to routinely limit the scope of osteopathic practice. Earlier, he had initiated legislation which passed in 1988 defining D.O.s as “physicians” in Nebraska, and permitting coverage for osteopathic physicians under the Malpractice Cap Act umbrella.

Weaver has also written an article entitled “Osteosarcoma: A Rare Source of Pain” which will appear in the Nebraska Medical Journal, and an historical article entitled “Nebraska: The Final Frontier” which appeared in the September Osteopathic Medical News.

Since graduation, Weaver and his wife, Bobbie, have had a son, Arthur Robert Weaver.

Mark T. Miller, COM ’88, and his wife Annette, announce the birth of their second child, Kurt David, born September 4 in San Diego. Their first child, Justin, is 18 months old.

Health Professions Open trophy won by MSU-COM

Although the weather looked dismal in the morning, it brightened to a good day for golf and fun at the third annual Health Professions Open at Forest Akers golf course September 7. The event, hosted by the Colleges of Osteopathic, Human, and Veterinary Medicine, benefited the student loan funds for the colleges. One hundred fifty-eight players participated in the event, together with forty-seven sponsors and twenty-seven contributors. After the tournament, a buffet dinner was enjoyed by all participants at the University Club.

The tournament trophy, awarded to the college with the lowest scores from their twenty-five best players, went to COM. Individual and team awards were also given. The MSU-COM Affiliated Hospital Champion trophy was awarded to the Michigan Health Center (formerly Michigan Osteopathic Medical Center).

The fourth annual Health Professions Open will be held at Forest Akers golf course Sept. 6, 1990.

Spink becomes DME at Ingham Medical

Gordon Spink, associate professor of family medicine, has been named director of medical education at Ingham Medical Center. Spink has served for the last two years as assistant director of medical education for osteopathic internship and osteopathic educational programs at the Medical Center. He has been working in medical education, both graduate and undergraduate, for the last thirteen years.

Spink is a 1975 graduate of COM, and has published works on women in medicine and on earlobe crease and coronary artery disease. He will maintain faculty responsibilities at MSU-COM.

International students enroll in COM clerkships

Doris Berchtold and Martin Geschwenter, fourth year medical students from the University of Innsbruck, School of Medicine, Innsbruck, Austria, are taking two-month elective clerkships at Traverse City Osteopathic Hospital.

The students learned of MSU-COM’s International Health Program through Carrie Bolander, COM ’90. Through her efforts a program at Traverse City Osteopathic was arranged (see story page eight). Walter C. Mill, continued on page ten

Do you have news for Communique? Have new faculty members joined your department? Have you published a paper, given a presentation, received an award? Do you have news of interest to your former classmates? Let us know!
professor of osteopathic medicine and coordinator of International Student Health Programs, arranged for their enrollment.
"We welcome our foreign students to MSU-COM," said Mill.

Students welcomed at orientation

Although convocation honoring the entering class is not until Oct. 27, new MSU-COM students spent the week before classes getting to know the College.

Dean Myron S. Magen, together with Associate Dean Douglas Wood, Assistant Dean for Student Affairs Kay White, and Coordinator for Counseling and Academic Advising Celia B. Guro, welcomed students at the beginning of the week. Throughout the week, events introduced students to different aspects of MSU-COM and osteopathic medicine.

Not only did students have an opportunity to meet faculty and administrators, there were also presentations from the Michigan Association of Osteopathic Physicians and Surgeons (MAOP&S) and student organizations. MAOP&S has started a student chapter on campus.

There were also opportunities for fun and relaxation, such as "Friday Fun and Fitness Night" and opportunities to meet new classmates and friends.

MOCF has new address

The Michigan Osteopathic College Foundation has a new address:
Michigan Osteopathic College Foundation
24901 Northwestern Highway
Suite 604
Southfield, MI 48075

The new phone number is (313) 352-3730.

Next "Celebrate Health" set for April 5-7, 1990

The Celebrate Health planning committee has set next year's campus-wide health promotion event for Thursday, April 5 through Saturday, April 7.

Healthy U communications is working to combine efforts with other health related events and organizations. The events coincide with World Health Day on April 7. The Institute of International Health sponsors a number of health promoting events at MSU on the day.

In addition, a proposed Alcohol Awareness Week for MSU and East Lansing community has been tentatively set for a week in early April. The week's current planning committee includes Marie Hansen of Healthy U's Institute for Alcohol and Other Drug Educators and MSU student organization representatives.

MAOP&S begins student chapter

A student membership chapter of the Michigan Association of Osteopathic Physicians and Surgeons (MAOP&S) has been launched. MAOP&S President Floyd T. Meachum and Executive Director William E. Stevenson attended orientation on September 14 to meet with students and encourage their participation.

As part of orientation activities, Meachum and Stevenson addressed the students and highlighted some of the benefits of joining the professional association. Students were briefed on MAOP&S function as a communication source and as legislative agents for the osteopathic profession. Students were encouraged to use MAOP&S as a source of information for concerns about their future in the osteopathic profession. Students were also informed about the Michigan Osteopathic College Foundation and its role in supplying financial support to osteopathic students. MAOP&S also sponsored a pizza party immediately after the presentation.

Memorial gifts

A $700,000 gift in memory of Stefan Hans Kobiljak Jr., D.O. has been made by his family to MSU-COM. The donation includes $500,000 to establish an Interactive Learning Resource Center and $200,000 to fund two to four scholarships (see story on page one). Both the scholarships and the center will carry Dr. Kobiljak’s name.

Former COM director of admissions Elissa L. Gatlin bequeathed $10,000 to establish student awards or scholarships for Black, Hispanic and Native American students.
Continuing Medical Education

October 6-8
Tutorial on Level I Myofascial Release Technique

Intensive exposure to basic concepts of myofascial release manipulative therapy, with emphasis placed on direct experiences, allowing participants to test forms of motion changes and palpate tissues and forms. Prerequisite is Principles of Manual Medicine. Limited enrollment. Chairperson is Robert Ward, D.O., F.A.A.O. Co-sponsored by MSU-COM and MSU College of Human Medicine. 24 hours Category I credit. Cost is $400 or $200 for physicians in training.

October 9-13
Tutorial on Level II Manual Medicine Techniques
(Above Diaphragm)

This course presents examination, analysis and treatment of the upper extremities, cervicothoracic spine, thoracic cage, throat and jaw. Postural/structural concepts are expanded into functional and integrative analysis in terms of respiratory, circulatory, neurologic and fascial models. This course has a limited enrollment due to the heavy clinical orientation. Chairperson is Edward G. Stiles, D.O., F.A.A.O. Co-sponsored by the MSU-COM and MSU College of Human Medicine. 40 hours Category I credit. Cost is $800 or $400 for physicians in training.

October 18-22
Tutorial on Level II Craniosacral Techniques

This course reviews cranial anatomy in detail, specific corrective techniques for complex articulation restrictions, and teaches soft-tissue corrective techniques for membranous strain patterns. Special problems including TMJ, pediatric problems, entrapment syndromes, functional anatomy and treatment procedures will be discussed. Chairperson is Barbara Briner, D.O. Prerequisites are Principles of Manual Medicine and Tutorial on Level I Craniosacral Technique. Sponsored by MSU-COM. 40 hours AOA Category I credit.

Cost is $800 or $400 for physicians in training.

October 21
Ophthalmology Update 1989:
Ocular Manifestations of Systemic Disease
(Football Weekend: MSU vs. Illinois)

This is an opportunity to review the typical ocular changes that can be diagnostic and prognostic of common systemic diseases. Faculty includes David I. Kaufman, D.O., chairperson; William Ehrlich, M.D.; Jonathan Fratkin, M.D.; Raymond Hansen, M.D.; Laryssa Kaufman, M.D.; Thomas Moore, M.D.; Richard Pascucci, D.O.; Martin Pearlman, M.D.; Michael Rubin, D.O.; Joseph Wilhelm, M.D.; and James Zito, M.D. Co-sponsored by MSU-COM and MSU College of Human Medicine. 4 hours Category I credit. Cost is $75 or $25 for physicians in training.

November 3-7
Tutorial on Joint Play Applied to the Spine and Extremities

A five day course in the application of joint play diagnostic and therapeutic techniques to the vertebral column, upper and lower extremities. Faculty includes Chairperson John Mennell, M.D.; Allen Jacobs, D.O., Ph.D. Prerequisite is Principles of Manual Medicine. Co-sponsored by MSU-COM and MSU College of Human Medicine. 40 hours Category I credit. Cost is $600 or $300 for physicians in training.

November 4
13th Annual Pediatrics Seminar: Common Problems in Office Pediatrics

Faculty includes program directors Kenneth Mahoney, D.O. and Merrilee Okey, D.O.; Gerard Breitzer, D.O.; Jimmie P. Leleszi, D.O.; Robert D. Murray, M.D.; Thomas F. Santucci Jr., D.O.; and Gerhart Smith, D.O. Sponsored by MSU-COM Department of Pediatrics. 6.5 continued on back page

For more information or to register for any of the courses, contact the Office of Continuing Medical Education, MSU-COM, A306 E. Fee Hall, East Lansing, MI 48824-1316, or call (517) 353-9714.

Unless otherwise noted, all courses are held at the MSU Kellogg Center for Continuing Education on Harrison Road in East Lansing.
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Pediatrics. 6.5 hours Category I credit. Cost is $50 or $25 for physicians in training.

November 10-12
Principles of Manual Medicine Part A

A combined lecture, demonstration and "hands-on" laboratory session course on the principles of structural diagnosis and manual medicine therapeutic procedures. Designed for the practitioner who has no previous experience in the field, experienced practitioners find it a useful review. Successful completion of this course and Principles of Manual Medicine-Part B (to be held at the Tucson Hilton East, Tucson, Arizona January 20-22, 1990) prepare the participant for further courses offered by Michigan State University. Topics include: overview of manual medicine, principles of structural diagnosis, screening examination of the musculoskeletal system, review of functional vertebral anatomy, concepts of motion barriers- normal and restrictive, concepts of the manipulative dysfunction, principles of vertebral motion- normal and abnormal, the manipulative prescription, principles of soft tissue and articulatory manual medicine procedures, principles of muscle energy manual medicine procedures, principles of high velocity mobilization with impulse. Chairperson is Philip E. Greenman, D.O. Co-sponsored by MSU-COM and MSU College of Human Medicine. Endorsed by the American Academy of Physical Medicine and Rehabilitation. Cost is $500 or $250 for physicians in training. 20 hours Category I credit. To be held at Marriott River Center, San Antonio, Texas. Housing is the responsibility of the registrant.

December 11-15
Principles of Manual Medicine

Principles of Manual Medicine is a combination of lectures and hands-on experience in the principles involved in the diagnosis and treatment of musculoskeletal disorders with manual medicine. Principles of Manual Medicine is the prerequisite conference for all other postgraduate manual medicine courses offered by MSU. Registration is on a "first come, first served" basis. No phone reservations accepted. Faculty includes John Bourdillion, F.R.C.S.; Mark Bookhout, M.S., P.T.; Allen Jacobs, D.O., Ph.D., chair; Edward Isaacs, M.D. Sponsored by MSU-COM and MSU College of Human Medicine. 40 hours Category I credit. Cost is $800 or $400 for physicians in training.

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