ON THE COVER

FACES FROM ORIENTATION -- The first day as an osteopathic medical student brings out moods as variant as the individuals in the class. From left to right, top to bottom: Dean Magen addresses the class; Roxanne Benjamin, Michael Henderson; John Lemke, Charles McSwain and Frank Anderson, Kim Thu Dang; Theresa Weiland, Nan Wernette, Lora Chamberlain, Peggy Anderson; LeRoy Caudill, Corinne Jedynak-Bell, Noorjehan Bhimji, Robert Hasbany.

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DEAN MYRON S. MAGEN RECEIVES HONORARY DEGREE

Myron S. Magen, D.O., dean of the MSU College of Osteopathic Medicine, received an honorary Doctor of Science degree from the College of Osteopathic Medicine and Surgery in Des Moines.

The degree was conferred at the osteopathic college's 82nd annual commencement program on June 5.

In his introduction of Dr. Magen for the honorary degree, J. Leonard Azneer, Ph.D., COMS president, noted Dr. Magen "is the only person with the educational stature required to launch the first college of osteopathic medicine on a state university campus."

The commencement exercises also included the graduation of Magen's son Ned Alan, the third member of the family to hold the D.O. degree. The younger Dr. Magen will begin work in the U.S. Public Health Service.

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SWISS SCHOLAR VISITS MSU-COM

Jiri Dvorak, M.D., a neurologist from the Universitat Bern, has been visiting the MSU College of Osteopathic Medicine as part of a four-month sabbatical.

Dr. Dvorak, who has been active as a practical instructor on manual medicine for the Swiss Society of Manual Medicine, has been observing patient care, educational programs and research relative to the therapy.

He is the coauthor of Manual Medicine - Diagnostics, which will be published by Thieme Publishers of Stuttgart and New York by the end of the year.

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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 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, August 24, 1981. Deadline for material to be included in that issue is noon, Wednesday, August 12.

Michigan State University is an equal opportunity/affirmative action institution.
DR. KAY WHITE APPOINTED
ASSISTANT DEAN FOR STUDENT AFFAIRS

Appointment of Kay E. White, Ph.D., as assistant dean for student affairs in MSU's College of Osteopathic Medicine was approved June 26 by the MSU Board of Trustees.

Dr. White in her new position serves as chief student affairs officer for a medical school of some 375 students. She is a former MSU assistant vice president for student affairs and services.

A magna cum laude graduate of the University of Maryland, she holds M.A. (guidance and personnel services) and Ph.D. (administration and higher education) degrees from MSU.

Dr. White held numerous residence hall and MSU student affairs posts before her 1973 appointment as assistant vice president for student affairs.

She is a former member of the University Committee on Research Involving Human Subjects, chaired the All-University Development Campaign for 1979-80, and this year completes a three-year term as faculty adviser to the MSU chapter of Mortar Board, the national senior honor society. She is past president of the MSU Women's Sports Booster Club, and served as faculty adviser to the MSU Women's Varsity Club.

Before coming to MSU in 1963, Dr. White spent 16 months as a Peace Corps volunteer teacher at Mjala Teachers Training College in Sierra Leone, West Africa.

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FACULTY HONORED BY 1981 GRADUATES

Fourteen faculty were recognized in award presentations made by the Class of '81 at their Senior Banquet June 12 at Long's of Lansing.

Named as instructors of the year were Gerald G. Osborn, D.O., assistant professor of psychiatry, and Ralph F. Otten, D.O., professor of internal medicine.

Outstanding faculty awards were presented to:

- Francis A. Bernier, Ph.D., former director of admissions
- James J. Cunningham, D.V.M., Ph.D., associate professor of physiology
- James J. Davis, D.O., professor of family medicine
- Thomas S. Harle, M.D., former radiology faculty member
- Roy J. Harvey, D.O., former professor of family medicine
- Edward T. Helble, D.O., assistant professor of internal medicine
- Lon A. Hoover, D.O., associate professor of family medicine
- Thomas W. Jenkins, Ph.D., professor of anatomy and pathology
- Maria J. Patterson, Ph.D., associate professor of microbiology and public health
- William L. Smith, Ph.D., associate professor of biochemistry
- John E. Thornburg, D.O., Ph.D., assistant professor of pharmacology and of family medicine
- Joseph J. Walczak, D.O., associate professor of osteopathic medicine

The evening also included a prime rib dinner; welcome and introduction of guests by Jane Kennedy, class president; and dancing until 1:30 a.m.
NEW YORKER NAMED ADMINISTRATOR
AT MSU CLINICAL CENTER

Carlos J. Caguiat, 44, administrator of two family health centers in the Bronx, N.Y., has been named administrative director of the Clinical Center of Michigan State University. His appointment was approved June 26 by the MSU Board of Trustees.

As the Clinical Center's top administrator, Caguiat will oversee a $4-million budget and a staff of more than 100 persons in administrative and medical support services. His appointment takes effect on August 1.

The Clinical Center opened in 1976 as MSU's first health care building designed for the general public and now has 62,000 outpatient visits annually. Medical and nursing education programs in the $18-million facility — and the patient services provided in conjunction with them — are under the direction of MSU's College of Osteopathic Medicine, College of Human Medicine, and College of Nursing.

In his Bronx position, Caguiat has been responsible for a combined budget of $10 million and complete operations at two neighborhood family health centers with a combined total of 160,000 patient visits annually.

He also has been a regional coordinator for administration/operations and a project manager for ambulatory care for the New York City Health and Hospitals Corp.

After undergraduate work at City University of New York, Caguiat earned a master's degree in administration health policy and planning from New York University Graduate School of Public Administration. He took additional work at Bernard M. Baruch Graduate School of Business.

He also holds a master of divinity degree from General Theological Seminary, and served several years in administrative positions with the Episcopal Diocese of New York and the Parish of Trinity Church, New York City.

He is a former U.S. Army infantry commander and intelligence officer.

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COOPER NAMED
HEAD OF ZOOLOGY

Ecologist William E. Cooper has been named chairperson of the MSU's Department of Zoology, which is jointly administered by the College of Osteopathic Medicine.

Cooper's appointment, effective July 1, was approved June 26 by the MSU Board of Trustees.

A noted researcher and lecturer, Cooper has served on the faculty at MSU since 1965. A 1960 graduate of MSU, he received his master's degree and doctorate from the University of Michigan. He joined the MSU faculty as an assistant professor of zoology after serving in a similar post for one year at the University of Massachusetts.

He succeeds James W. Butcher, who is retiring.

Cooper served on the governor's Advisory Council for Environmental Quality and since 1975, has served as chairman of the Michigan Environmental Review Board. He is the newest member of the Michigan Toxic Substance Control Commission.
A systems scientist, Cooper has been the recipient of a series of major research grants during the past 10 years at MSU. In on-going research, a team of MSU scientists has received more than $2 million in grants from the Environmental Protection Agency to evaluate the effects of specific toxic materials on fish, aquatic plants and other stream organisms. The team is using conventional biological field research methods coupled with elaborate computer models, and Cooper helped develop the innovative blend of engineering, computer science and biological study, which is being undertaken in man-made laboratory streams.

Cooper was also the co-coordinator for a series of grants from the National Science Foundation which involved more than 45 scientists to help design models and techniques for dealing with environmental problems.

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1982 SEMINAR IN THE SUN:
EXCURSION TO THE YUCATAN'S CANCEUN

Building on the success of its first "seminar in the sun" in St. Thomas last February, the College of Osteopathic Medicine Alumni Association is organizing a trip to Cancun for February 27 through March 8, 1982. The trip is open to any interested person, not just alumni of MSU-COM.

An island off Mexico's Yucatan Peninsula, Cancun offers the vacationer the intrigue of modern resorts adjacent to ancient and mysterious Mayan ruins. Golden beaches, rain forests, clear water, fine accommodations and a first-hand encounter with a culture 2,000 years old offer a rare combination to the tourist.

The trip will include an extensive and varied continuing medical education course, and is open to any interested person, not just alumni of MSU-COM.

The travel package includes round trip airfare from Detroit to Cancun on Eastern Airlines, ten days and nine nights accommodations at Club Internacional Condominiums, transfers between airport and hotel, baggage handling, a cocktail party, banquet, all taxes and gratuities, and the services of a travel representative. Rates are based on a minimum of forty participants.

Per-person, double occupancy costs include:
$1030 for two bedrooms, one bath, off beach
$1140 for two bedrooms, one bath, on beach
$1140 for two bedrooms, two baths, off beach

Substantial reductions are available if the condominium is shared by more than two persons, and children are offered a reduced rate.

Costs for 20 hours of continuing medical education Category I credit are $250 for non-members of the College of Osteopathic Medicine Alumni Association, and $200 for association members.
THIRD ALUMNI SCIENTIFIC SEMINAR
SCHEDULED FOR SEPTEMBER 11-12

The third annual alumni Scientific Seminar and Football Weekend will include topics ranging from anemia to the Taoism of Andrew Taylor Still.

The seminar, scheduled for September 11-12 at MSU's Kellogg Center, is open to any interested person. The program will include:

Friday, September 11

5 p.m. Registration at Kellogg Center
5 p.m. Social hour/Ongoing demonstration of OMT and treatment service
6 p.m. Dinner
6:45 p.m. "Transcutaneous Oxygen and CO₂ Monitoring in Maximal Stress Testing" by John Downs, D.O., D.D.S. (73)
7:30 p.m. "Iatrogenic Psychoses" by Rosemary J. Havey, D.O. ('74)
8:15 p.m. "OMT Demonstration and Treatment Service" by David R. Neff, D.O. ('80) and Lon Hoover, D.O., associate professor of family medicine.

Saturday, September 12

7:45 a.m. Continental breakfast
8:00 a.m. "Special Problems in Manipulation" by David R. Neff, D.O. ('80)
8:45 a.m. "Routine Health Care for the Adolescent" by Ruth Worthington, D.O. ('77)
9:30 a.m. Break and OMT demonstration and treatment service by Neff and Hoover
9:45 a.m. "Hypochromic Microcytic Anemia of Infancy and Childhood" by Merrilee Osborn, D.O. ('79)
10:30 a.m. "Post-date Pregnancy" by Michael Weiss, D.O. ('78)
11:15 a.m. "The Taoism of Andrew Taylor Still" by Craig Downs, D.O. ('75)
12:00 p.m. Box lunch and walk to stadium (OMT demonstration and treatment service)
1 p.m. MSU-Illinois football game.

Registration fee for the seminar is $55 for members of the College of Osteopathic Medicine Alumni Association and $65 for non-members, and includes continental breakfast and lunch. Spouses are welcome to attend all programs with no registration fee, but must pay for luncheon. Dinner is $12.50 and football tickets $11 above the registration fee. Brochures and registration forms are now being mailed.
SUNDAY, SEPTEMBER 13


SATURDAY, SEPTEMBER 19

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-DOH staff, $25, and physicians in training, no charge. Contact Linda Braun, 313/252-4823.

MONDAY, SEPTEMBER 21


SATURDAY, SEPTEMBER 26

Seminar in Psychiatry, sponsored by the Michigan Osteopathic Medical Center, Inc. No fee. For information, contact the Medical Administration Office, MOMC, 5435 Woodward Ave., Detroit, 48202; 313/494-0468. Seminar at Engineering Society of Detroit, 100 Farnsworth, Detroit.


FRIDAY, OCTOBER 2


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. 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.
MONDAY, OCTOBER 26


SATURDAY, OCTOBER 31


SATURDAY, NOVEMBER 7

"Seminar in Internal Medicine," sponsored by the Michigan Osteopathic Medical Center, Inc. No fee. For information, contact the Medical Administration Office, MOMC, 5435 Woodward Ave., Detroit, 48202; 313/494-0468. Seminar at Engineering Society of Detroit, 100 Farnsworth, Detroit.

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. 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.

SUNDAY, NOVEMBER 15

COMMUNIQUÉ

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__________________________

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.
SATURDAY, DECEMBER 6


MONDAY, DECEMBER 14


Items for the "Communique" calendar may be submitted to Health and Medicine Information, A314 East Fee Hall, MSU, East Lansing, MI 48824. The next issue will be published August 24. Deadline for inclusion of material in that issue is Wednesday, August 12.
MONDAY, AUGUST 24


FRIDAY, AUGUST 28


TUESDAY, SEPTEMBER 8


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

The Preventive Cardiology Program, supported by a 5-year grant from the National Institutes of Health, has as its goal an increase in awareness of the preventive aspects of cardiovascular medicine with medical students. A Self-Awareness Experience to help students assess their own risk factors sparked the program at MSU-COM this June.

(Clockwise) Scott Kaatz registers first-year students Frank Anderson, Sunita Yedavally, Rick Cestkowski; Dan Smalley performs a skin-fold test to determine body fat ratio; Mike Bolan and Gloria Chaney enjoy a "heart-safe" lunch; Ken Dambacher checks Jim Giuliani's weight; and Mark Guilfoyle measures Bob Goodman's blood pressure.
TUTORIAL ON DIRECT ACTION THRUST MANIPULATIVE THERAPY – August 24-28

A week-long tutorial on direct action thrust manipulative therapy will be held for physicians August 24-28 at Lansing General Hospital.

Registration is limited to osteopathic physicians or M.D.s who have extensive experience in manual medicine or have taken the course "Basic Principles of Manual Medicine."

An intensive course in the principles and use of direction action high velocity manipulative therapy, the course will emphasize the spine, pelvis and thoracic cage. Format will include lectures, demonstrations, and small group practice sessions.

Faculty include Philip E. Greenman, D.O., associate dean, MSU-COM; Fred L. Mitchell, Jr., D.O., professor of biomechanics; and Paul Kimberly, D.O., formerly Steunenberg professor and chairman of the Department of Osteopathic Theory and Methods, Kirksville College of Osteopathic Medicine.

The program, which is approved for 40 hours Category I credit by the American Osteopathic Association and the American Medical Association, is sponsored by MSU's College of Osteopathic Medicine, College of Human Medicine, and Lansing General Hospital.

For further information, contact Sandy Kilbourn, coordinator, Continuing Medical Education, MSU-COM, A333 E. Fee, East Lansing 48824; phone 517/353-8822.

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WE NEED A MONIKER FOR YOUR MEMORIES...

The editors of the '83 yearbook are sponsoring a contest to rename the publication, and the winner will receive a free copy of the same.

The staff is seeking to replace the Latin name "Curans Manus" because of confusion over its declension, definition, and denotation, and prefers a name from the English language.

Suggestions should be written and submitted to the MSU-COM Office of Student Affairs, A339 E. Fee Hall, by Friday, September 4.

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WHATEVER ITS NAME, THE YEARBOOK IS UNDERWAY

Advertising and subscription sales for the '83 yearbook begin August 1, coeditors Susan Hendrix and Kevin Donaghey have announced.

Advertising costs are $40 for an eighth page; $65 for a quarter page; $95 for a half page, and $160 for a full page. Complimentary copies of the yearbook are given for half- or full-page ads.

The staff is also encouraging persons who wish to submit photographs or who wish to volunteer their talents for the yearbook to do so.

Faculty adviser for the project is Kay White, Ph.D., assistant dean for student affairs.
MSU-COM RESEARCHERS AT AOA CONFERENCE

Several researchers from the MSU College of Osteopathic Medicine made poster presentations or presented abstracts at the American Osteopathic Association's 25th annual research conference in Chicago.

Symposium presentations included:
   "Functional and Counterstrain Manipulative Modalities" by William Johnston, D.O., professor of biomechanics,
   "Myokinetic or 'Muscle Energy' Treatment Procedures" by John Goodridge, D.O., professor of biomechanics.

Poster presentations included:
   "Nerve Fibers Present Within the Parietal Cranial Bones of Primates" by Ernest W. Retzlaff, Ph.D., professor; Fred L. Mitchell, D.O., professor; John E. Updegraff, D.O., professor; Jane W. Walsh, B.S., research technician; all in biomechanics; and Jon Vredevoogd of the Department of Human Environment and Design.
   "Cyclic AMP-dependent Protein Kinase Activity in Melanoma Cell Cultures" by Jean B. Burnett, Ph.D., associate professor of biomechanics; and David E. Brici (University of Kansas), Bryan B. Fuller (Texas Tech), and Mac E. Hadley (University of Arizona).
   "[Nle, D-Phe] - α -Melanocyte Stimulating Hormone: A Newly Synthesized, Highly Potent Melanotrophin" by Burnett, Hadley; and Christopher Heward, Tomi Sawyer and Victor Irub (University of Arizona).

Abstract presentations included
   "Biochemical Analysis of Symmetrical and Asymmetrical Cervical Function" by Joseph Vorro, Ph.D., assistant professor of anatomy; William Johnston, D.O., professor of biomechanics; and Robert Hubbard, Ph.D., associate professor of biomechanics.
   "Multiple Examiner Study of Spinal Segmental Dysfunction" by William L. Johnston, Brent R. Allan, Jill L. Hendra, David R. Neff, Lawrence J. Sills, Mark E. Rosen, and Steven C. Thomas, Department of Biomechanics

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MSU BIOCHEMIST RECEIVES HEART ASSOCIATION AWARD

A prestigious five-year "established investigatorship" from the American Heart Association has been presented to William L. Smith, associate professor of biochemistry.

The $150,000 grant for salary support will enable Dr. Smith to further his research on biochemical changes that permit development of atherosclerotic lesions. The award, accepted June 26 by the MSU Board of Trustees, runs through 1986.

Before joining the MSU faculty in 1975, Dr. Smith was a senior scientist with Mead Johnson and Co. A reviewer for four scientific journals, he has been consultant to the National Institutes of Health, National Heart, Lung and Blood Institute, and the Michigan Heart Association. He is coeditor of Methods in Enzymology, author of 10 book chapters and 35 published papers and abstracts.
SOMA HOLDS BP SCREENING IN LANSING MALL

Representatives from MSU-COM's chapter of the Student Osteopathic Medical Association did blood pressure screening at a two-day health fair in the Lansing Mall.

The program, "To Life! A Healthy Affair," was sponsored by Lansing area hospitals and the Michigan Health Council, and included more than 30 health screens and live demonstrations.

SOMA members participating included Kermit Scarlett and Gary Doublestein (Class of '82); Chris Dalm, Mary Kolar, Teresa Hom, Ray Alderdice, and Chris Penoyer (Class of '83); and Ron Bradley, Bob Tillotson, John Mallgren, Marehelle Barker, Rod Tobar, Brad Clegg, and Ron Miller (Class of '84).

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PHYSICIANS FOR SOCIAL RESPONSIBILITY CHAPTER FORMING IN MICHIGAN

The Michigan Chapter of Physicians for Social Responsibility is being formed. The international organization was developed by a group of physicians in the early 1960s, and has been involved in political and social issues surrounding health care, such as the hazards of atmospheric nuclear testing, health risks of nuclear war, toxic waste, use and abuse of health care technology, and infant formula use in third world countries.

Students, faculty in the College of Osteopathic Medicine and College of Human Medicine, and area physician are urged to join. The group is planning teach-ins, lectures and projects.

For further information contact Kelly Kinney (332-7584), Herminio Perez (355-2886) or Gary Ferencich (351-0289).

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NEWS FROM THE DEPARTMENT OF PEDIATRICS

Kenneth Mahoney, D.O., associate professor, has been elected president of the Mid-Michigan Pediatrics Society, an association of both M.D. and D.O. pediatricians.

Bernard M. Kay, D.O., chairman of the department, has been elected secretary-treasurer of the Board of Pediatrics, and Thomas Santucci, D.O., former MSU-COM faculty member and now chairman of pediatrics at the New Jersey osteopathic college, has been elected its president.

Drs. Kay and Santucci were also recognized as fellows by the American College of Osteopathic Pediatricians for their "outstanding service to pediatrics."

Howard Teitelbaum, Ph.D., associate professor, is coordinator of an educational program on new requirements in residency training scheduled for September in Chicago, and Frank Schneiderman, D.O., professor, is program chairman for the American College of Osteopathic Pediatricians program scheduled for San Diego in March.
NOON SEMINARS OFFERED THROUGH
OFFICE OF STUDENT AFFAIRS

A series of noon seminars on learning techniques is being offered for students through the
College of Osteopathic Medicine Office of Student Affairs.

The summer program series will be held from noon to 1 p.m. in E2 Fee Hall. Dates and topics
include:

Wednesday, July 29: "Objective Test-taking: How to Master the Art"
Tuesday, August 4: "Greater Reading to the Best of Your Ability"
Wednesday, August 12: "Test Anxiety and Relaxation Techniques"

For further information on the seminars, contact Anne Stivender or Anne DeVaney at
355-9609.

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TWO NEW PUBLICATIONS FROM
MSU-COM CARCINOGENESIS LABORATORY

Two journal articles have recently been published from research at MSU-COM's
Carcinogenesis Laboratory. "Enhanced Cell Killing and Mutagenesis by Ethynitrosourea in
Xeroderma Pigmentosum Cells," published in Carcinogenesis 2:6, 567-70, 1981, was authored
by Louise Simon, Ph.D., postdoctoral fellow; Royce Marie Hazard, lab technician; and co-
directors Veronica M. Maher, Ph.D., and J. Justin McCormick, Ph.D.

K. Charles Silinskas, Ph.D., instructor; Suzanne Kateley, research technician; John E. Tower,
research technician and osteopathic student; and Maher and McCormick were authors of
"Induction of Anchorage-dependent Growth in Human Fibroblasts by Propane Sulton,"

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WORK OF MSU-COM PERSONNEL
FEATURED IN OSTEOPATHIC ANNALS

The July 1981 issue of the national publication Osteopathic Annals, devoted to manual
medicine, was edited by Philip E. Greenman, D.O., associate dean of the MSU College of
Osteopathic Medicine.

Included in the issue were "Three-Dimensional Skeletal Geometry of the Pelvic Girdle" by
Herbert M. Reynolds, Ph.D., associate professor of biomechanics, and "Headache and Cervico-
Occipital Trauma" by Robert C. Ward, D.O., professor of biomechanics and family medicine.

The issue contained a small sample of papers presented at the International Congress of the
NEW EQUIPMENT EXPANDS IMMUNOLOGY RESEARCH

Researchers at Michigan State University seeking to understand mechanisms of cell development and cell-cell communication in immunology will be aided by a new instrument—a Cytofluoragraft System designed for cell sorting and analysis.

Project directors are Harold Miller, Ph.D., professor of microbiology and public health, and Walter Esselman, Ph.D., associate professor of surgery and of microbiology and public health.

The instrument is equipped with two lasers, one blue-light and one red, Miller said. Light from these lasers excites the fluorescent labels on the cells as they are sent through the machine. The computer system within can analyze the cells.

The cells are "zapped" with either a positive or negative charge, and those cell populations, tracked by the computer, that are needed for a particular study are sent off in two directions according to their charge.

The purified cells are collected, and the discarded populations are sent to another area where they may be used at a later time. All this activity takes place at a rate of 5,000 cells per second.

A primary function of the cell sorter is to purify cells which can be used to repair defects or neoplasias in biological systems.

"The cell sorter can be used to analyze and purify single cells of either plant or animal origin," Miller said. "The system will also be used to study molecular mechanisms of normal lymphocyte development."

The investigators are studying mouse lymphocytes along with other animal and human cancer work.

Their work is supported by three grants totalling $350,000—one from the American Cancer Society and two from the National Cancer Institute.

The cell-sorting system is now fully functional and the investigators are seeking funds to expand the computer analysis system. Miller said a use committee will be formed to decide what percentage of time will be devoted to other research activities.

The Cytofluoragraft System, located in 435 Giltnier Hall, was produced by Ortho Instruments in Westwood, Massachusetts. There are only 15 in use around the nation.

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MORE FEE HALL APARTMENTS TO BE CONVERTED

An $186,200 contract was awarded Irish Construction Company, Inc., of Howell to convert more apartments in Fee Hall for office use. Approval for the renovations was made May 22 by the MSU Board of Trustees.

Apartments adjacent to the lobbies on the second through the sixth floors in the east wing, and on the fifth and sixth floors in West Fee Hall will be converted.

With contingencies, design, coordination and inspection, the total Fee Hall project is expected to cost $200,000.

Teresa Bernardes, M.D., professor of psychiatry, gave a grand rounds presentation at the Department of Psychiatry of the University of Rochester School of Medicine on "Gender Issues in Psychotherapy: Men's and Women's Groups" June 3. On June 18, she spoke on "Depression in Women and the Reproductive Cycle" at the Saginaw Family Practice Residency Forum, and June 19 she was a member of the panel on "Women and Mental Health," the task force on women's issues of the Michigan Department of Mental Health.

Shirley M. Johnson, Ph.D., professor of family medicine, and Loudell F. Snow, Ph.D., associate professor of anthropology, presented the closing session address at the Fifth Regional Great Lakes Coalition for Family Planning, held in Grand Rapids on May 28. They discussed "Folk Medicine and Family Planning."

Stephen Dalm, osteopathic medical student, is a recipient of the 1981-82 Russell C. McCaughan Scholarship from the National Osteopathic Foundation. The scholarship is awarded annually to "one freshman student in each osteopathic college who exhibits strong promise as an osteopathic physician and significant academic achievement."

Anne Cunningham, Ph.D., assistant professor of community health science and of family practice, presented a workshop at the forum on "The Chemically Dependent Woman" at the Lansing Hilton. She also participated as a faculty member at the conference on "Recognition and Referral of Patients with Alcohol, Drug and Mental Health Problems in the Primary Care Setting" at Borgess Medical Center, Kalamazoo.

Gordon C. Spink, D.O., Ph.D., associate professor of family medicine and director of medical education at Flint Osteopathic Hospital, has been named to a four-year term on the board of directors of the MSU Development Fund. Dr. Spink, who holds three degrees from MSU, has been a strong supporter of MSU athletes through the Ralph Young Fund, and in 1980 became an Honorary Coach and a member of the MSU President's Club.

John Rowda, D.O., 1977 alumnus, received the O'Brien Award for presenting the best original research paper at the Annual Tulane Eye Alumni Conference June 13 and 14. His paper, "The Effect of Topical Glycerin on the Corneal Endothelium of Cats," included following the cornea and endothelium as measured by slit lamp photography, specular microscopy and pachometry. Dr. Rowda is a third-year ophthalmology resident at Tulane University.

Thomas Trese, D.O., 1975 alumnus, was a speaker at a continuing medical education program on aquatic medicine in Cozumel, Mexico, sponsored by the Fort Worth Osteopathic Medical Center. His topic was "Decompression Sickness."

Ronald W. Kelley, D.O., 1975 alumnus, has been elected chief of staff and a member of the Board of Trustees of Otsego Memorial Hospital in Gaylord, Michigan. He is also the father of a son, William Alexander, born June 5 and weighing nine pounds one ounce.

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Jerry B. Hook, Ph.D., director of the Center for Environmental Toxicology, was an invited speaker and session chairman at the Eighth International Congress of Pharmacology, held in Tokyo July 19-24. He discussed "Modulation of Nephrotoxicity by Environmental Chemicals" at the session on "Chemical Interactions Resulting in Liver and Kidney Injury."

Alfred A. Buerger, Ph.D., osteopathic medical student, is the coauthor of "Spinal Manipulation for Low Back Pain," an article published in the May 1981 issue of the Journal of the American Medical Association. Authors included Fred K. Hoehlter, Ph.D., and Jerome S. Tobis, M.D., of the Department of Physical Medicine and Rehabilitation, University of California, Irvine.

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DES MOINES OSTEOPATHIC COLLEGE CHANGES NAME

The College of Osteopathic Medicine and Surgery, Des Moines, has changed its corporate name to the University of Osteopathic Medicine and Health Sciences.

The change reflects the addition of the College of Biological Sciences, which admitted its first class of eleven students to the Physicians Assistant Training Program, and the College of Pediatric Medicine which will admit a class of 40 in September 1982.

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FORENSIC MEDICINE IN ACCIDENTS

A seminar on "Forensic Evidence in Motor Vehicle Accident Litigation" will be held September 11-12 at the Sheraton-Southfield Hotel, Southfield, Michigan. Topics will range from accident causes and vehicle dynamics to medical investigation.

For information, contact Sue Weber 517/353-5482. The seminar is sponsored by MSU’s Criminal Justice Training and Highway Traffic Safety.

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1981 OSTEOPATHIC MEDICINE WEEK

National Osteopathic Medicine Week will be September 13-19 this year. Theme for the week is "Health for the Whole Person!"

The week is devoted to the promotion of public awareness of the osteopathic profession and its hospitals, colleges and physicians.