COMMUNIQUE
October 6, 1980  Vol. 6, No. 16

Fall Term Registration; Here We Go Again!
ON THE COVER

PREPPING FOR THE PIT -- If there is any adequate preparation for the complexities encountered in medical school classes, it has to be the vagaries of registration at a very large university. Here student Dave Peters is assisted with his schedule by Judy Skiba of the Office of Student Affairs. With the start of classes September 24, fall term is well underway.

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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 E. 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.; 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 and Eileen Blass. Date of publication of the next issue is Monday, October 20, 1980. Deadline for material to be included in that issue is noon, Thursday, October 9.

Michigan State University is an equal-opportunity/affirmative action institution.
MSU-COM HOSTS INTERNATIONAL CONFERENCE ON CONCEPTS AND MECHANISMS OF NEUROMUSCULAR FUNCTIONS

A major international conference on concepts and mechanisms of neuromuscular functions — attracting 52 participants from the United States, Austria, Norway, Sweden, and West Germany — was held September 8-10 at the Michigan State University College of Osteopathic Medicine.

The conference was a continuation of "a concerted effort to increase discussion and understanding of issues related to a world-wide interest in structural diagnosis and manipulative therapy," said Dean Myron S. Magen, D.O.

World-wide Perspective

The symposium was part of a series of events over the past five years in which MSU-COM has been actively promoting interchange on concepts and practices of manual medicine on several continents.

These have included Dr. Magen's travels to the United Kingdom, Europe and Israel in 1975; visitors to MSU-COM from Israel and Europe in 1976; attendance by MSU-COM faculty at the Federation Internationale de Medecine Manuelle (FIMM) in Copenhagen in 1977; representation of USA osteopathic physicians in the Grand Canaries with the International Seminar on Orthopedic Medicine/Manual Therapy in 1978; and presentations by MSU-COM faculty at the International Congress of FIMM in Baden Baden in 1979.

In addition, the College has been active in some Third World programs in Sudan and Nigeria, and has communicated with officials in Ghana, Sierra Leone, Niger, and Upper Volta.

Papers Presented

Papers presented by MSU faculty at the September conference included

- "The Respiratory-Circulatory Model: Concepts and Application" by Fred L. Mitchell Jr., D.O., professor of biomechanics
- "Biomechanics Modeling and Concepts" by Robert W. Little, Ph.D., chairman of biomechanics
- "Human Behavior: The Influence of Perceptions on Neuromuscular Problem Solving" by Robert C. Ward, D.O., professor in the Office of Medical Education Research and Development and family medicine
- "Stereoradiographic Measurement and Analysis of Three-Dimensional Body Movement" by Herbert M. Reynolds, Ph.D., associate professor of biomechanics.
- "Mechanical Behavior of Connective Tissue" by Robert P. Hubbard, Ph.D., associate professor of biomechanics
- "Kinematic and Myoelectric Analysis of Symmetric and Asymmetric Cervical Function" by Joseph Votto, Ph.D., assistant professor of anatomy
- "Structural and Functional Concepts of Cranio-Sacral Mechanisms" by Ernest Retzlaff, Ph.D., M.P.H., professor of biomechanics
"The Cranio-Sacral System: Clinical Applications and Research" by John E. Upledger, D.O., associate professor of biomechanics


"Structural Diagnosis and Manipulative Management of Patients with Chronic Obstructive Pulmonary Disease" by John P. Goodridge, D.O., professor of biomechanics

"Randomized Clinical Trails in the Validation of Cervical and Lumbar Manipulation" by M. H. Branson, Ph.D., associate professor, and A. A. Buerger, Ph.D., research associate, Department of Community Health Science.

The planning committee for the conference include Philip E. Greenman, D.O., (chairman) associate dean; Myron C. Beal, D.O., professor of biomechanics; Robert P. Hubbard, Ph.D.; Sandra Kilbourn, M.A., coordinator for continuing medical education; Dorothy Thullen, office assistant; and Robert C. Ward, D.O.

Persons presenting papers from other institutions were Irvin M. Korr, Ph.D., of the Texas College of Osteopathic Medicine; Scott Haldeman, D.C., Ph.D., M.D., of Santa Ana, California; Robert E. Kappler, D.O., of the Chicago College of Osteopathic Medicine; H. D. Wolff, H. Dieter Neumann, and Gottfried Gutmann of West Germany, and Manfred Eder of Austria.

Special events for the visitors or their spouses included tours of campus facilities, an excursion to Detroit, and a meeting at the Capitol with Michigan's Governor William G. Milliken and local legislative representatives.

Among the distinguished participants at the international conference at MSU-COM were (l to r): P. Kaltenborn of Oslo, Norway; Robert E. Kappler of the Chicago College of Osteopathic Medicine; and I.M. Korr of the Texas College of Osteopathic Medicine.
KEITH GOLDSHAMMER SPEAKER AT CONVOCATION: FOUR TO RECEIVE PATENGE AWARDS

Keith Goldhammer, Ph.D., a former dean of the Michigan State University College of Education, will be the keynote speaker at the tenth annual convocation of the MSU College of Osteopathic Medicine. Dr. Goldhammer replaces the original speaker — Robert D. McCullough, D.O. — who is unable to attend the convocation because of ill health.

The ceremonies, held to honor the 1980 entering class of osteopathic medical students, will begin at 3 p.m., Friday, October 10, in Erickson Hall Kiva on the MSU campus.

In addition to Drs. Goldhammer and McCullough, Edward A. Loniewski, D.O., and W. Kenneth Riland, D.O., will be recipients of the Walter F. Patenge Medals of Public Service.

The Patenge medals are awarded each year to persons who have distinguished themselves in the areas of medicine, education or public service. The award is named for the president of the Michigan Osteopathic Medicine Advisory Board, who is a long-time supporter of the osteopathic profession.

Keith Goldhammer, Ph.D., dean of education at MSU from 1972-1980, has a distinguished career as an educator and researcher.

His concern for the educational problems of urban centers led to his appointment by the U.S. District Federal Court to the Monitoring Commission on the Desegregation of Detroit Public Schools, and by the Governor of Michigan and Mayor of Detroit to the Urban Education Task Force of the PTA.

He has served as consultant and evaluator of the National Institute of Education’s Educational Dissemination Project, and on the editorial advisory boards of three professional publications. He also has served on NIE’s Evaluation Panel of Experience-Based Career Education Programs.

Dr. Goldhammer has been a member of the Leadership Advisory Group to the Michigan State Superintendent of Public Instruction, of the Pro-Action Institute Advisory Board, and of committees of the American Association of Colleges for Teacher Education. He has testified twice before the Subcommittee on Elementary, Secondary and Vocational Education of the House Committee on Education and Labor.

Dr. Goldhammer’s career includes service as a secondary school teacher, a principal, and a school superintendent before gaining a Ph.D. in educational administration and the sociology of education at the University of Oregon.

He has been a faculty member at the University of Oregon and Stanford University, and served as dean of the School of Education at Oregon State University.

His research, which includes hundreds of professional publications, spans a wide scope of interest in education and administration. He had served as director of the Bureau of Educational Research at the University of Oregon, and as director or consultant on numerous major research projects.
Robert D. McCullough, D.O., has not only had a distinguished career as an osteopathic physician, but also has offered dedicated service to his colleagues and his community.

A general surgeon in Tulsa, Oklahoma, since 1943, Dr. McCullough has been president of both the American Osteopathic Association and the Oklahoma Osteopathic Association. A member of the American College of Osteopathic Surgeons and the American Osteopathic College of Proctology, he was president also of the Oklahoma State Board of Osteopathic Examiners.

A trustee of the Oklahoma Blue Cross/Blue Shield board, Dr. McCullough has been recognized by Distinguished Service Awards from the state and national osteopathic associations, as "Doctor of the Year" in Oklahoma, and as "Alumnus of the Year" by the Kansas City College of Osteopathy and Surgery. He is also a member of the board of directors of the National Osteopathic Foundation.

Dr. McCullough has served at the national level of several organizations, including as international director and president of Lions International, as a member of the Association of International Champions of the barbershoppers' S.P.E.B.S.Q.S.A., and as chairman of the board of Youth for Christ International.

In his community, he was chairman of the advisory board of the Frances Willard Home, member of several arts organizations, deacon of First Baptist Church, and member of the advisory board of Southwestern Theological Seminary, the Chamber of Commerce and 32-degree Mason, Shriner, Knight Templar, and Hi Twelve. Dr. McCullough is also listed in Who's Who in America.

Edward A. Loniewski, D.O., has given unstintingly of his time and commitment to the osteopathic profession, both in the State of Michigan and nationally.

A fellow of the American College of Osteopathic Surgeons and a fellow and past-president of the American Osteopathic Academy of Orthopedics, Dr. Loniewski has served on the Board of Trustees of the American Osteopathic Association. He has been president of the Michigan Association of Osteopathic Physicians and Surgeons, and founder and president of the Michigan Osteopathic Academy of Orthopedic Surgeons.

Dr. Loniewski also served as a member of the boards of directors of Blue Cross/Blue Shield of Michigan, of the Greater Detroit Area Hospital Council, and of the Michigan Osteopathic College Foundation. He is a member of the advisory board of the Annual Clinical Assembly of Osteopathic Specialists and of the board of directors of the National Polish American Sports Hall of Fame.

Dr. Loniewski has also served as an associate clinical professor in orthopedics at the MSU College of Osteopathic Medicine.
TUESDAY, OCTOBER 28, 1980

4 p.m.  Microbiology and Public Health seminar: "Toward a Selectional Genetics of the Mouse: Teratocarcinoma Transplantation Antigens" by William Dove, McCardle Cancer Laboratory, University of Wisconsin. 146 Giltner.

4 p.m.  Pharmacology and Toxicology seminar: "Baroreceptor Reflex Function in Spontaneously Hypertensive Rats" by Shawn Morrison, Department of Pharmacology and Toxicology and Interdepartmental Cardiovascular Training Group, MSU. B448-9 Life Sciences.

4:10 p.m.  Biochemistry seminar: "On the Chemical Mechanism of Nitrogenase" by William Orme-Johnson, Massachusetts Institute of Technology. 138 Chemistry.

FRIDAY, OCTOBER 31, 1980


8 p.m.  Halloween Party sponsored by the Students' Associates Auxiliary. Union Ballroom, Parlors B & C.

MONDAY, NOVEMBER 3, 1980


TUESDAY, NOVEMBER 4, 1980

4 p.m.  Pharmacology and Toxicology seminar: "Nephrotoxicity of Hexachlorobutadiene" by Jerry Hook, director, Center for Environmental Toxicology, MSU. B448-9 Life Sciences.

WEDNESDAY, NOVEMBER 5, 1980

4:10 p.m.  Biochemistry, Plant Research Laboratory and Genetics Program seminar: "Expression of Host Genes Involved in Symbiotic Nitrogen Fixation" by Desh Pal Verma, McGill University, Montreal. 101 Biochemistry.

SUNDAY, NOVEMBER 9, 1980


MONDAY, NOVEMBER 10, 1980

8 a.m.  Michigan State University College of Osteopathic Medicine Alumni Breakfast, held in conjunction with the national American Osteopathic Association convention. Tickets are available in the AOA registration packets at no additional charge. Until 10 a.m. Cafe Gigi, MGM Grand Hotel, Las Vegas.

11:30 a.m.  Biochemistry seminar: "Mechanism of Initiation of mRNA Translation" by John M. Clark, University of Illinois. 101 Biochemistry.
SATURDAY, OCTOBER 4, 1980


MONDAY, OCTOBER 6, 1980

11:30 a.m. Biochemistry seminar: "The Regulation of α-Keto Acid Dehydrogenases in Complex Metabolic Systems" by Merle S. Olson, University of Texas Health Science Center. 101 Biochemistry.

TUESDAY, OCTOBER 7, 1980

4 p.m. Pharmacology and Toxicology seminar: "Simultaneous Measurement of Major, Minor and Trace Elements in Biological Material by Plasma Emission Spectrometry" by W.E. Braselton, MSU Department of Pharmacology and Toxicology and Animal Health Diagnostic Lab. B448-9 Life Sciences.

5:30 p.m. Radiology Visiting Professors: "Lesions of the Ureters" by Ted Leigh, M.D., professor of radiology, Emory University. Film-reading sessions and dinner precede the presentation. RSVP Mary Jane Harrison, MSU Department of Radiology, 517/355-0120. Flint City Club.

WEDNESDAY, OCTOBER 8, 1980

6 p.m. Urology series: "Evaluation of GU Malignancies — Kidney, Uroepithelial and Bladder." Contact Duane M. Tester, 313/335-7742. Michigan Center for Continuing Education in Osteopathic Medicine, 900 Auburn Road, Pontiac.

FRIDAY, OCTOBER 10, 1980

10 a.m. Microbiology and Public Health seminar: "Legionnaire's Disease" by Ronald Parejko, Department of Biology, Northern Michigan University. 101 Giltner.

11:30 a.m. MSU-COM Council of Affiliated Hospitals meeting. University Club. For information, contact Jane Waldron, Unit III coordinator, 517/353-8822.

3 p.m. Tenth annual convocation, MSU College of Osteopathic Medicine. Keith Goldhammer, former dean of the MSU College of Education, will be the keynote speaker, and the Walter F. Patenre Medals of Public Service will be awarded to four outstanding individuals. Erickson Kiva.
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

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, OCTOBER 11, 1980


MONDAY, OCTOBER 13, 1980

11:30 a.m. Biochemistry seminar: "Bioenergetics of Cancer Cells — Role of Mitochondrially Bound Hexokinase" by Peter L. Pederson, The Johns Hopkins University School of Medicine. 101 Biochemistry.

TUESDAY, OCTOBER 14, 1980

4 p.m. Microbiology and Public Health seminar: "Factors Affecting the Virulence of Murine Leukemia Virus" by Bill Haseltine, Sidney Farber Cancer Center, Boston. 146 Giltnert.

4 p.m. Pharmacology and Toxicology seminar: "Oscillatory Afterpotentials in Cardiac Purkinje Fibers" by Barry Brown, MSU Department of Pharmacology and Toxicology and Interdepartmental Cardiovascular Training Group. B448-9 Life Sciences.

4:10 p.m. Biochemistry and Plant Research Laboratory seminar: "Nuclear/Cytoplasmic Control of Protein Synthesis in Organelles" by Nam Chua, The Rockefeller University. 158 Natural Resources.

WEDNESDAY, OCTOBER 15, 1980

10:30 a.m. Microbiology and Public Health and MSU Cancer Research Center seminar: "Use of Indicator DNA Sequences for the Study of DNA Damage and Repair: The Example of UV Light" by Bill Haseltine, Sidney Farber Cancer Center, Boston. E6 Fee Hall.

SATURDAY, OCTOBER 18, 1980

8 a.m. "Surgery in Detroit 1980," sponsored by the Michigan Osteopathic Medical Center. Program chairman is Randolphe Roulier, D.O. No charge. Six hours CME credit offered. ESD Theatre, 100 Farnsworth, Detroit. For information, contact Medical Education Office, 313/494-0400.

SUNDAY, OCTOBER 19, 1980

8 a.m. "Update of Gynecological Endocrinology." Cosponsored by the Tri-County OB/Gyn Osteopathic Society. Chairman is Paul Schneider, D.O. Four hours CME credit offered. Contact Duane M. Tester, Michigan Center for Continuing Education in Osteopathic Medicine, 900 Auburn Rd., Pontiac; 313/335-7742.

MONDAY, OCTOBER 20, 1980

11:30 a.m. Biochemistry seminar: "Membrane Assembly: Subcellular Processing of the Proteins and Galactolipids of Myelin" by Joyce Benjamins, Wayne State University. 101 Biochemistry.
MONDAY, OCTOBER 20, 1980 (continued)

4 p.m. Radiology Visiting Professors: "Benefit/Risk Analysis of Mammography" by Richard Lester, M.D., professor and chairman of radiology, University of Texas at Houston. Film-reading and dinner precede the presentation. RSVP Dr. Gilles, Western Michigan Radiologic Society, 616/774-1774. Grand Rapids Peninsular Club.

TUESDAY, OCTOBER 21, 1980

4 p.m. Pharmacology and Toxicology seminar: "Central Neural Substrates for Osmoregulation in the Mammal" by James Buggy, Department of Physiology, University of South Carolina. Interdepartmental Cardiovascular Training Group. B448-9 Life Sciences.

THURSDAY, OCTOBER 23, 1980

National osteopathic medicine board exams. For information, call 312/825-4938. Through October 24.

SATURDAY, OCTOBER 25, 1980

11 a.m. Tenth anniversary open house of the MSU College of Osteopathic Medicine. Exhibits, films, guided tours and facilities of the College will be open to the public. Until 3 p.m. For information, call 517/353-0820.


MONDAY, OCTOBER 27, 1980

11:30 a.m. Biochemistry seminar: "Glutamate Synthase, An Enzyme Utilizing an Fe₃S₉ Cluster" by William Orme-Johnson, Massachusetts Institute of Technology. Distinguished lecturer in the Departments of Biochemistry, Chemistry, and the Plant Research Laboratory. 101 Biochemistry.

W. Kenneth Riland, D.O., has had a distinguished career both in medicine and in public life, including service as the physician to the President of the United States and to the Governor of New York.

Chairman of the Board of the New York College of Osteopathic Medicine, New York Institute of Technology, Dr. Riland accompanied the President from 1969 to 1972 on tours to Europe, to Central and South America, to the People's Republic of China, to Russia, Iran and Poland, and around the world.

His service to the New York Governor included more than 20 years as his personal physician.

A diplomate of the American Osteopathic Board of Physical Medicine and Rehabilitation and a fellow of the Academy of Applied Osteopathy, Dr. Riland was chairman of the board of the Foundation for Research of the New York Academy of Osteopathy, and chairman of the board of trustees of the Postgraduate Institute of Osteopathic Medicine and Surgery. He also served as a member of the Mental Hygiene Council and the Public Health Council of the State of New York.

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MUSCLE ENERGY TUTORIAL SCHEDULED
FOR OCTOBER 27-31 AT MSU

Techniques of diagnosis and treatment of the musculoskeletal system using applied muscle physiology will be the focus of a Muscle Energy Tutorial at Michigan State University October 27-31. Special emphasis will be given to the spine, ribs and pelvis.

The class is limited to 20 participants. Persons without the D.O. degree must have completed a course in the basic principles of manual medicine.

Faculty for the tutorial include Philip E. Greenman, D.O., associate dean of MSU College of Osteopathic Medicine; Fred L. Mitchell Jr., D.O., professor of biomechanics; and Loren Rex, D.O., of Edmonds, Washington.

Forty hours of Category IA continuing medical education credit have been granted by MSU-COM.

The course will be held at the Kellogg Center for Continuing Education, MSU, East Lansing. For further information, contact Dr. Mitchell at 517/353-5204, or Sandy Kilbourn, M.A., coordinator for continuing medical education, MSU-COM, 517/353-8822.

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MSU-COM HALLOWEEN PARTY PLANNED
BY STUDENTS' ASSOCIATES AUXILIARY

A Halloween party is being planned for 8 p.m., October 31 by the MSU-COM Students' Associates Auxiliary. The event will be held in the Union Ballroom and Parlors B and C. More information will be published.
BASIC PRINCIPLES OF MANUAL MEDICINE:
WEEK-LONG COURSE SCHEDULED FOR DECEMBER 8-12

A week-long seminar which includes lectures, demonstrations and practice sessions on the spine, pelvis and extremities, the "Basic Principles of Manual Medicine" course has an enrollment limited to 40.

The course, held at MSU, is sponsored by the MSU College of Osteopathic Medicine, College of Human Medicine, and Continuing Education Service in conjunction with the North American Academy of Manipulative Medicine. For information, contact Sandy Kilbourn, coordinator for continuing medical education, 517/353-8822.

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IT'S NOT TOO LATE TO JOIN
THE ST. THOMAS ADVENTURE!

It's still not too late to join more than 40 alumni and friends of the MSU College of Osteopathic Medicine who will be spending a week at the "seminar in the sun" near St. Thomas, Virgin Islands, February 23 through March 2, 1981.

The program will include 20 hours of continuing medical education on the latest issues of medicine with an osteopathic emphasis.

Guests will take a regularly scheduled commercial flight from Detroit to St. Thomas via Eastern Airlines, and stay for eight days and seven nights at the Sugarbird Beach and Tennis Club.

For information about travel arrangements contact Spartan Travel, Inc., 3036 Lake Lansing Rd., East Lansing, Michigan, 48823 (517/351-1080). For details about the continuing medical education program, contact Sandy Kilbourn, at 517/353-8822.

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NEXT MSU-COM ALUMNI EVENT:
BREAKFAST IN LAS VEGAS!

Breakfast in Las Vegas will be the next opportunity for a national convening of alumni and friends of the MSU College of Osteopathic Medicine, held in conjunction with the American Osteopathic Association national convention November 10.

The breakfast will be held from 8 to 10 a.m. in Cafe Gigi at the MGM Grand Hotel.

Faculty and alumni attending the convention may sign up for breakfast tickets at no extra charge when they complete their convention registration materials.

Chairing the breakfast will be Gordon Spink, D.O., Ph.D., president of the MSU-COM Alumni Association.
MARK YOUR CALENDARS!
MSU-COM OPEN HOUSE IS OCTOBER 25

An open house of the MSU College of Osteopathic Medicine — including exhibits, videotapes, educational programs and guided tours — will be held in Fee Hall on Saturday, October 25 from 11 a.m. to 3 p.m.

College academic units, student organizations, osteopathic professional groups, affiliated hospitals and off-campus health associations have been asked to participate in the event.

The open house, held in conjunction with the celebration of the College's tenth anniversary this year is planned to be a prime vehicle to increase public awareness both of the College and of the osteopathic profession.

Members of the Open House Planning Committee include MSU-COM students Boogs Burandt, Steve Burandt, Shelly Friedman, Janie Kennedy, Laura Kramer, Mark Sherrard, Dan Smalley, and Kathy Van Portfleet. Also participating are Kay White, acting assistant dean for student affairs, and Nan Houston and Pat Grauer of the Health and Medicine Section of Information Services.

For more information about the open house, call 517/353-0820.

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CONTROVERSIES IN INTERNAL MEDICINE
SEMINAR AT MSU DECEMBER 13

An all-day continuing medical education program on "Controversies in Internal Medicine" will be sponsored by MSU-COM's Department of Osteopathic Medicine on December 13.

Topics will include prophylactic antibiotic use, transient ischemic attacks, the solitary pulmonary nodule, and the usefulness of renin profiling in the evaluation of hypertension.

Faculty will include departmental members John Costantino, John Gobel, John Morlock, Ralph Otten, Geroge Ristow, James Yarnal. Howard Dean is program chairman.

For further information, contact Sandy Kilbourn, M.A., coordinator of continuing medical education, education, 517/353-8822.

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FACULTY DEVELOPMENT WORKSHOPS
OCTOBER 22, NOVEMBER 5

Dr. Joseph Levine, associate professor of administration and higher education at MSU, will be presenting a workshop on learning and motivation of students for faculty at the MSU College of Osteopathic Medicine.

The Faculty Development Program will be held in two sessions, both from 11:30 a.m. to 1 p.m., on Wednesday, October 22, and Wednesday, November 5. It is suggested that participants bring a brown-bag lunch.
BIOCHEMISTRY FALL SCHEDULE
OF SEMINARS BEGINS OCTOBER 6

The following fall seminars sponsored by the Department of Biochemistry will be held at
11:30 a.m. in 101 Biochemistry unless otherwise noted.

MONDAY, OCTOBER 6
"The Regulation of α-Keto Acid Dehydrogenases in Complex Metabolic Systems" by Merle S. Olson, University of Texas Health Science Center.

MONDAY, OCTOBER 13
"Bioenergetics of Cancer Cells — Role of Mitochondrially Bound Hexokinase" by Peter L. Pederson, The Johns Hopkins University School of Medicine.

TUESDAY, OCTOBER 14
"Nuclear/Cytoplasmic Control of Protein Synthesis in Organelles" by Nam Chua, The Rockefeller University. 158 Natural Resources, 4:10 p.m. (cosponsored with Plant Research Laboratory).

MONDAY, OCTOBER 20
"Membrane Assembly: Subcellular Processing of the Proteins and Galactolipids of Myelin" by Joyce Benjamins, Wayne State University.

MONDAY, OCTOBER 27
"Glutamate Synthase, An Enzyme Utilizing an Fe₄S₈ Cluster" by William Orme-Johnson, Massachusetts Institute of Technology. (Distinguished lecturer in Departments of Biochemistry, Chemistry and Plant Research Laboratory).

"Natural Gas Archaeabacteria: What's in It for Them? What's in It for Us?" by William Orme-Johnson, Massachusetts Institute of Technology. 138 Chemistry, 7:30 p.m.

TUESDAY, OCTOBER 28
"On the Chemical Mechanisms of Nitrogenase" by William Orme-Johnson, Massachusetts Institute of Technology. 138 Chemistry, 4:10 p.m.

MONDAY, NOVEMBER 3
"Molecular Cloning and Site-Directed Mutagenesis of Rhizobium melliloti Nitrogen Fixation Genes" by Frederic Ausebel, Harvard University Biology Laboratories. (cosponsored with the Department of Microbiology and Public Health).

WEDNESDAY, NOVEMBER 5
"Expression of Host Genes Involved in Symbiotic Nitrogen Fixation" by Desh Pal Verma, McGill University, Montreal. (cosponsored with the Plant Research Laboratory and the Genetics Program). 4:10 p.m.

MONDAY, NOVEMBER 10
"Mechanism of Initiation of mRNA Translation" by John M. Clark, University of Illinois.

MONDAY, NOVEMBER 17
"Biochemical and Genetic Study of a Developmentally-Controlled Protein in Yeast" by Paul T. Magee, Department of Microbiology and Public Health, MSU.

-10-
Sister Anne E. Brooks, osteopathic medical student, recently spent two months in Europe on a
selective in osteopathic manipulative therapy. For two weeks she was an exchange student,
attending classes at the Ecole Europeene d'Osteopathie (EEO) in Maidstone, Kent, then for
three weeks she spent time in the practices of various D.O.s. The EEO hosted her attendance
at the Second International Congress of Osteopathy in Brussels, where John E. Upledger,
D.O., Fred Mitchell Jr., D.O., Lawrence Jones, D.O., and Gary Ostrow, D.O., were among
the speakers. She also acted as a table teacher for Dr. Upledger in his cranial course in
Maidstone and London, and in La Poizat in France. Persons interested in an exchange
program with the EEO may contact her at 250 Elm St., Trenton, Michigan; 313/676-3082.

Philip E. Greenman, D.O., associate dean at MSU-COM, has been named to the Chronic
Disease Advisory Committee for the State of Michigan by Governor William G. Milliken. The
committee assists and advises the state Department of Public Health in carrying out
programs related to the prevention, control and treatment of chronic diseases.

Robert Fedore, Ph.D., professor of community health science, has been appointed by Governor
William G. Milliken to the Michigan Higher Education Assistance Authority, representing

Charles Tweedle, Ph.D., associate professor of anatomy and of zoology, attended the Eighth
International Symposium on Neurosecretion, held September 3-10 in Friday Harbor,
Washington. His recent publications include "Glial Cell Enclosure of Neurosecretory Endings
in the Neurohypophysis of the Rat" (with G.I. Hatton, Ph.D., professor of psychology) in Brain
Research 192:555-559; W.A. Gregory, C.D. Tweedle, and G.I. Hatton, "Ultrastructure of
Neurons in the Paraventricular Nucleus of Normal, Dehydrated and Rehydrated Rats" in Brain
Research Bulletin 5:301-306; and K.W. Ho, R. Roy, C.D. Tweedle, W.W. Heusner,
W.D. Van Huss, and R.E. Carrow, "Skeletal Muscle Fiber Splitting with Weight-Lifting

Richard White, D.O., assistant professor of radiology, recently received a letter of
commendation from Eunice Kennedy Shriver, President of Special Olympics, Inc., for his
participation as medical consultant to the Michigan Special Olympics. He was presented a
plaque in ceremonies August 15, lauding his "interest, enthusiasm and unselfish efforts."

Jon J. Kabars, Ph.D., professor of biomechanics, is the coauthor of an article (with P. Lynch
and Rachel Schemmel of the MSU Department of Food Science and Human Nutrition) of
"Streptococcus mutans Colony Forming Units and Severity of Dental Caries in Rats Fed
Three Types of Diets with and without Lauricidin," published in Microbrios Letters 12:7-13,
1979.

John Casbergue, Ph.D., professor in the Office of Medical Education Research and
Development, conducted a one-day workshop for clinical faculty of the University of
Manitoba Family Medicine Primary Care Clerkship Program, in Winnipeg September 27.

Dave Gift, M.S., instructor of radiology, attended the annual meeting of the Society of
Medical Decision Making at George Washington University September 4-17. He delivered a
paper on "Diagnostic Uncertainty Induced by the First Test for a 'Rare' Disease."

E. James Potchen, M.D., professor and chairman of radiology, represented the Society of
Chairmen of Academic Radiology Departments at the Association of American Medical
Colleges Conference on Graduate Medical Education, held September 28-30 in Washington,
D.C.
Kay E. White, Ph.D., acting assistant dean for student affairs, has been named to the 1981 Directory of Distinguished Americans for "outstanding service to education and to her community." The directory honors individuals who seek to build better communities through service activities.


Teresa Bernardex, M.D., professor of psychiatry, presented "Prevalent Disorders of Women: Their Present Understanding and Treatment" to the Michigan Department of Mental Health's Forum on Women's Issues, held September 19 in Lansing.

Neil S. Levy, D.O., clinical faculty member in the Department of Pediatrics, has been recently elected to the board of directors of the American Lung Association of Southeastern Michigan. Dr. Levy, who has been active in the Association's Family Asthma Program, volunteered as assistant medical director of Camp Sun Deer, the Association's free camp for children with asthma in July in Battle Creek.

Alvin L. Rogers, Ph.D., associate professor of microbiology and public health, of botany, and in the School of Medical Technology, was a visiting professor at the Mayo Clinic's Clinical Microbiology Section. He presented a class and laboratory on "Contaminating Fungi and Their Identification" for the clinical mycology residents and staff on September 9-10.

Ronald L. Rhule, 1973 alumnus and senior staff physician at Henry Ford Hospital, was appointed to the Henry Ford Hospital Education Committee for Continuing Medical Education, effective October 1980. He will be representing osteopathic physicians and surgeons.

John P. Goodridge, D.O., professor of biomechanics, chaired a five-day muscle energy tutorial for faculty of the New York College of Osteopathic Medicine from August 25-29, 1980. He also conducted an all-day workshop on "Diagnosis of Somatic Dysfunction of Lumbar, Cervical, Shoulder Areas and the Muscle Energy Treatment Concept and its Application" to these areas for members of the staff of Muskegon General Hospital (Osteopathic) on September 18. With Alphonse Marohn, D.O., associate professor of family medicine, Dr. Goodridge also conducted a three-hour workshop on "Diagnosis of Lumbar Somatic Dysfunction and its Resolution of Muscle-Energy Treatment Procedures" for the Biomechanics Division of the Department of General Practice of the Grand Rapids Osteopathic Hospital on September 23. During August, Dr. Goodridge and George A. Gross, D.O., professor of community health science, attended a five-day "Basic and Medical Writing Tutorial" at the New England College of Osteopathic Medicine.