EXCELLENCE IN TEACHING
Back to Basics:

EXCELLENCE IN TEACHING

AT MSU-COM

Four MSU-COM faculty were honored by the 1984 graduating class for their excellence in teaching -- Bill Falls, Ralph Otten, Jim Cunningham, and Michael James.

Because these four have been consistently recognized by students for their expertise in education, "Communique" staff met with them this summer to ascertain what was special about their teaching.

What we found was a universal emphasis on the basics (see next page). No one mentioned educational theory or sophisticated equipment. All mentioned knowledge, preparation, good communication, and caring about students.

WILLIAM FALLS: FIRST-TERM SPRINGBOARD

As coordinator of MSU-COM's gross anatomy course, Bill Falls is one of the first faculty osteopathic medical students encounter. He gives 50 anatomy lectures fall term, and spends 16 hours a week in laboratory teaching, excluding his time there evenings and weekends. He also teaches anatomy in the gastrointestinal and musculoskeletal systems courses.

He stresses interpersonal relationships with students, high expectations, organization and working in a "learning team with students."

A Ph.D., Falls is an associate professor of anatomy.

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RALPH OTTEN: WILLINGNESS TO DEVOTE TIME

Ralph Otten, D.O., coordinates the efforts of some 30 faculty involved in teaching the cardiovascular system course, and also lectures for that course. He also teaches in endocrinology, the respiratory system, the gastrointestinal system, comprehensive patient evaluation, and the College's EKG laboratory.

He stresses the importance of spending "an enormous amount of time" in preparation for class, keeping abreast in his field, maintaining contact with students, and engendering enthusiasm for his subject.

Professor of internal medicine, Dr. Otten also maintains an active practice in Jackson.

JAMES CUNNINGHAM: STRESSING HUMAN QUALITIES

Jim Cunningham teaches neurophysiology in MSU-COM as part of the systems course on neurology. He also lectures extensively in the College of Veterinary Medicine and occasionally in the College of Human Medicine. He has received a number of awards for his teaching.

He emphasizes concern for the students, maintaining positive assumptions about them, willingness to invest time, and the ability to value the "informal reward system" as attributes of good teachers.

An associate professor of physiology, he holds the D.V.M. and Ph.D. degrees.

MICHAEL JAMES: BRINGING EXPERIENCE INTO CLASS

Michael James, D.O., a cardiologist at Ingham Medical Center, lectures in MSU-COM's cardiovascular system course, teaches basic and advanced cardiac life support, does clinical training, and is codirector of the cardiology fellowship program. He stresses the importance of practice for both physician/teacher and student, student interaction, organization and enthusiasm for the subject for good teaching.

He is an associate clinical professor of internal medicine at MSU-COM.
Good teaching is a product of human, personal qualities.

Good teachers work as a part of a learning team with the students. They assume that medical students are bright, well-motivated, honest people, committed to learning.

Good teachers are willing to devote a great deal of time — both in and outside the classroom — to students. They sincerely care about students and are able to effectively communicate their concern.

Good teachers are able to draw heavily on the informal, intangible reward system from students. The process of teaching, and the appreciation it brings, are their greatest fulfillments.

Good teachers are not only sensitive to individual students, but are keenly tuned to the personality of the class as a whole. They consider student feedback in their planning.

Good teachers organize, organize, organize. They plan carefully to present empirical principles, concepts and modes of thinking. They do not overload students with quantitative detail.

Good teachers know their subject matter, communicate it effectively, and tailor their presentations to the needs of the students. Whenever possible they demonstrate the application and usefulness of the material.

Good teachers who are also physicians are in active practice.

Good teachers remain in control in their classrooms, but never motivate by intimidation. Instead they use positive incentives and encouragement to elicit the best from their students.

Good teachers have high expectations of their students and find students usually live up to those expectations.
BURROUGHS WELLCOME OSTEOPATHIC RESEARCH FELLOWSHIPS APPLICATIONS

The National Osteopathic Foundation is soliciting applications from osteopathic physicians (or, in special circumstances, osteopathic students) for the 1985 Burroughs Wellcome Co. Osteopathic Research Fellowships.

The seven fellowships provide a stipend of $2,000 and a $750 travel grant. It begins on June 1 and ends May 31.

Deadline for applications is midnight, January 2. Application forms and guidelines may be obtained as part of the "Osteopathic Research Handbook" from the Research Coordinator, American Osteopathic Association, 212 E. Ohio St., Chicago, Illinois, 60611.

CALL FOR PAPERS, POSTERS:
AOA RESEARCH CONFERENCE

Basic scientists, physicians and students wishing to participate in the 1985 AOA Research Conference must submit abstracts of their research by November 1.

The conference will be held March 24-27 at the Broadmoor in Colorado Springs. Theme of the program is holistic medicine.

For abstract packets, contact MSU-COM's representative Robert Soulas-Little, Ph.D., chairperson of biomechanics, or the AOA Research Coordinator, 212 E. Ohio, Chicago, 60611.

LEWIS ATLAS NAMED ASSOCIATE DIRECTOR OF MSU CLINICAL CENTER

Lewis Atlas, associate executive director of Bronx Municipal Hospital Center, an affiliate of Albert Einstein College of Medicine, has been named associate administrative director of MSU's Clinical Center.

At Bronx Municipal Hospital Center, Atlas was administratively responsible for all general inpatient and outpatient activities in the 854-bed acute care teaching facility, part of the New York City Health and Hospitals Corp. The hospital has 500,000 outpatient visits annually.

From 1974-82, he held positions as acting administrator, deputy administrator and chief fiscal officer for two primary ambulatory care health centers in the Bronx, with combined budgets of $13 million and combined patient visits of 180,000.

Atlas earlier was a project director with N.Y.C. Health and Hospitals Corp., responsible for the design, execution and implementation of improvement, organization analysis and productivity studies. He also held management positions with the First National City Bank, New York City, and with Grumman Aerospace Corp., Bethpage, N.Y.

He received a master of science degree in industrial engineering from New York University and a bachelor of science in industrial management from Long Island University. In New York he held faculty appointments at Columbia University School of Public Health, Monroe Business Institute and at the Center to Promote Health Care Studies. His professional affiliations include the American Management Association, American Hospital Association, American Public Health Association, and Hospital Executives Club.
CARING FOR THE ELDERLY AT CAPITOL COMMONS

Recognizing the unique health care needs of older citizens, the Michigan State University College of Osteopathic Medicine opened the Capitol Commons Geriatric Medicine Clinic this summer.

The clinic, located in a high-rise dwelling in downtown Lansing, serves predominantly residents who are 55 and older, many of whom have difficulty obtaining transportation to other medical care.

Dorothy E. Carnegie, D.O. professor of internal medicine, heads the unit, and Earline Martin serves as receptionist, secretary, and does some basic nursing duties.

Initially, the clinic will be open Tuesdays, Wednesday and Thursdays from 9 a.m. to noon.

"Many physicians have stereotypes about the health care needs of older persons," Dr. Carnegie noted. "They're surprised to learn that three-quarters of persons over 65 are active, healthy, independent and involved in community affairs."

She noted that for those that do become ill, the increased chances for disability, slower healing, and chronic disease do require a redefinition of "successful" treatment.

"You may not be able to effect a full cure," she said, "but you can give these patients a sense of well-being, minimize their pain, and maintain their ability to be independent as long as possible."

Common conditions among her patients include hypertension, diabetes, peripheral vascular disease, cancer, and cardiac and gastrointestinal problems.

Primary impetus for the clinic, Dr. Carnegie said, was a combination of community service and an educational opportunity for the College's medical students.

"The proportion of the population over 65 is increasing at a rapid rate," she said. "It is imperative that young physicians be trained to have sensitivity for the special needs of our older citizens."
The clinic includes a large reception area, two examination rooms and a small laboratory/work area. Patients are all Capitol Commons residents.

Earlene Martin does reception, secretarial and basic nursing duties.

Dorothy Carnegie, D.O., treats geriatric patients for conditions such as hypertension, diabetes, cancer, and cardiac and gastrointestinal problems.
Leticia D. Alvarado  
Lansing General Hospital

James G. Ard  
Botsford General Hospital

Mark W. Armstrong  
Grand Rapids Osteopathic Hospital

Marchelle Barker  
Oakland General Hospital

Laurie Barkway  
Flint Osteopathic Hospital

Dennis A. Barraco  
Phoenix General Hospital

Theodore A. Bash  
Humana Hospital - South Broward, Hollywood, Florida

Deborah A. Booth  
Pontiac Osteopathic Hospital

Cindy Bosman  
Flint Osteopathic Hospital

Ronald H. Bradley  
Lansing General Hospital

Earl L. Burhans  
Lakeview Hospital, Milwaukee

Albert L. Capili  
Botsford General Hospital

Bradley J. Clegg  
Grand Rapids Osteopathic Hospital

Mary H. Closser  
Lansing General Hospital

Cheryl A. Colletti  
Flint Osteopathic Hospital

Kristy Davis  
Lansing General Hospital

Christopher T. Doig  
Detroit Osteopathic Hospital

Gregory J. Downing  
Grand Rapids Osteopathic Hospital

Shelley M. Drew  
Chicago College of Osteopathic Medicine

Timothy Drinkard  
Pontiac Osteopathic Hospital

Galen R. Ebert  
Saginaw Osteopathic Hospital

Jeffrey C. Evans  
Mt. Clemens General Hospital

Joseph D. Fortin  
Mt. Clemens General Hospital

Brenda R. Fortunato  
Flint Osteopathic Hospital

Robert C. Fritsch  
Riverside Osteopathic Hospital

Steven D. Fuller  
Detroit Osteopathic Hospital

G. Lynn Gibson  
Mt. Clemens General Hospital

Jerel H. Glassman  
Riverside Osteopathic Hospital

William J. Golden  
Lansing General Hospital

Mark F. Guilfoyle  
Michigan Osteopathic Medical Center

Lester A. Hart  
Lansing General Hospital

Gertrude Hawkins  
Detroit Osteopathic Hospital

Terry S. Hayrynen  
Traverse City Osteopathic Hospital

Diane Heasley  
Enid (Oklahoma) Memorial Hospital

James W. Hole  
Flint Osteopathic Hospital

Theresa M. Hom  
Oakland General Hospital

T. Reid Kavieff  
Riverside Osteopathic Hospital

Richard T. Klapchar  
Detroit Osteopathic Hospital

Jay A. Klein  
Traverse City Osteopathic Hospital

William M. Kokx  
Mt. Clemens General Hospital

Michael G. Krogulecki  
Detroit Osteopathic Hospital

Steven R. Kujaceznski  
Flint Osteopathic Hospital

Kenneth Lageroo  
Mt. Clemens General Hospital

Deborah S. Lambert  
Riverside Osteopathic Hospital

Debora S. Lee  
Muskegon General Hospital

Kevin H. Lee  
Oakland General Hospital

Jee-Joon Loh  
Detroit Osteopathic Hospital
Hal R. Yost  
Detroit Osteopathic Hospital

Alexis Yovan  
Pontiac Osteopathic Hospital

Bard Zagari  
Pontiac Osteopathic Hospital

Rosemarie L. Zapf  
Flint Osteopathic Hospital

James D. ZeBranek, Jr.  
Bay Osteopathic Hospital

Michael E. Zielinski  
Oakland General Hospital

Mark A. Zook  
Traverse City Osteopathic Hospital

ALUMNI

In Memoriam: Gordon G. Gibb, '73  
Alumnus, died July 14, 1984. He is  
survived by his wife Beckie, daughter  
Kana, 9, and son Matthew, 4. He had  
practiced emergency medicine for the  
past ten years, and was most recently  
associated with St. John Hospitals'  
Trauma Center, Detroit.

'73 Charles R. Perakis, D.O., was  
coauthor of "Medical Historiography: Its  
Place in Osteopathic Medicine. Early  
Background and Significance in Medical  
Education," published in the June 1984  
issue of the Journal of the American  
Osteopathic Association. Coauthor was  
Kendall Reed, D.O., of Fort Sam Houston,  
Texas.

'78 John Frederick, D.O., has begun  
a residency in radiology at Flint Osteo-  
pathic Hospital. He had worked nearly  
five years in emergency medicine at  
Pennoek Hospital in Hastings, Michigan.

'79 Geoffrey E. Baum, and his wife  
Laurie July 11 had their first son, Keller  
Baum, 9 lb. 1½ oz. They moved to  
Portland, Oregon, August 1 to assume the  
practice of Richard Borman, an ortho-  
pedic surgeon now on the faculty of  
MSU-COM. They note "mother, father,  
baby and practice are all doing fine."

'79 Bruce Hirshman, D.O., director  
of "Adventures in Medicine," offered a  
12-hour CME course that included a  
three-day journey down Oregon's Rogue  
River. Faculty included MSU-COM  
alumni Michael Bedecs, D.O. ('74) and  
Tony Dekker, D.O. ('78).

'79 Christine Nevin-Woods, D.O.,  
and husband Philip Woods, D.O. (TCOM  
'79) have moved to Oahu, Hawaii for four  
years. Philip is at Tripler Army Medical  
Center doing an ENT residency, and Chris  
is part of a new preventive medicine  
residency with a subspecialty in maternal  
and child health, offered at the University  
of Hawaii Department of Public Health.  
She writes "We have a new daughter,  
Katie, who is now 22 months. Scot is 8  
and says hi to friends from his toddler-  
hood at COM. If anyone from MSU-COM  
comes to Hawaii, please contact me!"

'79 Inez J. Slaubaugh, D.O., is the  
author of "Perforation of the Gallbladder:  
Report of a Case and Review of the  
Literature," published in the June 1984  
issue of the Journal of the American  
Osteopathic Association.

'81 Eric Deal, D.O., and his wife  
Sherrie had a baby boy on July 2, 1984.  
Dr. Deal is currently directing an  
emergency room in Atlanta, Georgia.  
"Hey to y'all," he notes.

'82 June Hilleston, D.O., M.S., M.T.  
(ASCP), the first D.O. female resident in  
internal medicine at Henry Ford Hospital,  
has begun her second year there. She  
completed her internship at the Cleveland  
Clinic Foundation. She writes she "enjoys  
meaningful patient responsibility, strong  
academia, significant collaborative  
research, supervising interns, and plans on  
accepting a fellowship at Henry Ford  
Hospital in 1986. Southfield is sunnier  
than Cleveland!"
'83 Tim J. Kowalski, D.O., just completed a flexible internship at Tripler Army Medical Center in Honolulu, and is now stationed at the 3rd General Dispensary in Karlsruhe, West Germany. Three of the four military physicians in the clinic are D.O.s. He writes "I'm located a couple hours north of Switzerland at the beginning of the Black Forest and anticipate making the Alps my home away from home this winter. Honolulu was fun, and Europe should prove to be an exciting experience. Hope all is well in Spartan territory."

FACULTY

Margot Kurtz, Ph.D., codirector of the Preceptorship and Junior Partnership Programs in the Department of Family Medicine, and Lester Hart, D.O., Ph.D., '84 alumnus, coauthored "Ambulatory Care Medical Education: A Review." The article was published in the June 1984 issue of the Journal of the American Osteopathic Association 83:10.

Maynard A. Amelon, D.O., a preceptor and senior partner in family medicine, was recently elected president of the Michigan Osteopathic College Foundation for the tenth consecutive year. The Foundation is instrumental in the development of loan funds for osteopathic students, and in encouraging research and developing grants at MSU-COM.

Sharon R. Hobbs, Ph.D., clinical psychologist in the Department of Pediatrics, recently presented a paper at the National Medical Association's annual convention in Montreal. The paper was titled "The Subliminal Stimulation of Oedipal Fantasies and its Effects on Racial Attitudes."

Teresa Bernardex, M.D., professor of psychiatry, has been awarded a Mary Ingraham Bunting Fellowship for 1984-85. She will do research and writing at Radcliffe/ Harvard on the psychotherapy of women. She also has been appointed visiting scholar at the Center for Research on Women, Stanford University. This summer she presented a paper and workshop on "Socialization of Women and Implications for Psychotherapy" in a symposium on "Male and Female Developmental Lines" with Herb Goldberg, Ph.D., from University of Waterloo, Ontario. She also was appointed to the editorial board of the International Journal of Group Psychotherapy.

John B. Tasker, D.V.M., Ph.D., has been named the new dean of MSU's College of Veterinary Medicine effective October 1. He comes to MSU from the School of Veterinary Medicine at Louisiana State University, where he served as associate dean and professor of veterinary clinical pathology since 1978.

Barbara Ross-Lee, D.O., chairperson of family medicine, and Ronald Rhule, D.O., associate professor of family medicine, both U.S. Naval Reserve medical officers, recently completed an intensive nine-day field course in mass casualty sorting and evacuation. This combat casualty care course was conducted under austere combat conditions and included certification by the American College of Surgeons in Advanced Trauma Life Support. Both physicians are '73 MSU-COM alumni.

Shirley Siew, M.D., professor of pathology, presented two papers at the 42nd annual meeting of the Electron Microscopy Society of America, held in Detroit--"Scanning Electron Microscopy in Diagnostic Pathology" and "Application of Electron Microscopy in Autopsy Pathology." In addition, she chaired seminars on pathology and Local Affiliated Societies Day.

John M. Hunter, Ph.D., professor of community health science, of geography, and the African Studies Center, and Morris O. Thomas of MSU's geography department, were coauthors of "Hypothesis of Leprosy, Tuberculosis and Urbanization in Africa." The article was published in Social Science and Medicine 19:1, p. 27-37, 1984.
Continuing Medical Education

ADVANCED MUSCLE ENERGY TUTORIAL
OCTOBER 6 - 10 AT MSU'S KELLOGG CENTER

Examination, analysis and treatment of the upper extremities, cervicotoracic spine, thoracic cage, throat and jaw are all featured in a week-long tutorial on advanced muscle energy techniques to be used above the diaphragm. The course integrates postural/structural concepts with functional analysis in respiratory, circulatory, neurologic and fascial models.

Faculty include Fred L. Mitchell, D.O., professor of family medicine, Carl W. Steele, M.S., P.T., assistant instructor; and Edward Stiles, D.O., associate clinical professor of biomechanics, MSU-COM.

Sponsored by MSU-COM and the MSU College of Human Medicine, the course is approved for 40 hours of Category I credit for both D.O.s and M.D.s. Training in basic muscle energy techniques is a prerequisite.

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TUTORIAL ON MANUAL MEDICINE
TO THE EXTREMITIES OCTOBER 26 - 28

A three-day intensive course in the principles of manual medicine as they are applied to the upper and lower extremities emphasizes diagnosis and manipulative management of extremity problems. Sessions will be held October 26-28 at MSU's Kellogg Center.

Faculty include Allen Jacobs, D.O., Ph.D., associate dean for academic and clinical affairs, Kirksville College of Osteopathic Medicine; John Mennell, M.D., clinical professor of osteopathic medicine, MSU-COM and past president of the North American Academy of Manipulative Medicine and noted author of multiple texts on the topic; and John Toerge, D.O., associate medical director, National Rehabilitation Hospital, Washington, D.C.

Sponsored by MSU-COM and the College of Human Medicine, the course is approved for 24 hours of Category I credit for both D.O.s and M.D.s.

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PEDIATRIC INFECTIOUS DISEASES
SEMINAR NOVEMBER 18

The management of pediatric infectious diseases in the '80s is the focus of the eighth annual seminar sponsored by MSU-COM's Department of Pediatrics.

Faculty include program chairman Gerard Breitzer, D.O., assistant professor of pediatrics; John W. Dyke, Ph.D., associate director of laboratories, E.W. Sparrow Hospital, Lansing; Heinz F. Eichenwald, M.D., William Buchanan Professor of Pediatrics, University of Texas Health Science Center, Dallas; Michael Ryan, D.O., chief of pediatric infectious diseases, Department of Pediatrics, Geisinger Medical Center, Danville, Pennsylvania; Kenneth D. Stringer, D.O., associate professor of pediatrics, and Ruth A. Worthington, D.O., assistant professor of pediatrics.

Scheduled for November 18 in MSU's Kellogg Center, the course is approved for 6 1/2 hours of Category I credit for D.O.s and M.D.s.
BASIC PRINCIPLES OF MANUAL MEDICINE
DECEMBER 3 - 7 AT KELLOGG CENTER

The semiannual tutorial on basic principles of manual medicine--featuring lectures, demonstrations and practice sessions on the spine, pelvis, and extremities--will be held December 3 - 7 in MSU's Kellogg Center.

The course is sponsored by MSU-COM, the College of Human Medicine and the North American Academy of Manipulative Medicine (NAAMM).

Faculty include Myron Beal, D.O., professor of family medicine; John Bourdillon, F.R.C.S., former senior orthopedic surgeon, North Gloucester, now in private practice in Vancouver, British Columbia; Paul Kimberly, D.O., clinical professor of biomechanics, MSU-COM, and former Stuenenberg Professor and chairman of the Department of Osteopathic Theory and Methods, Kirksville College of Osteopathic Medicine; Steven Levin, M.D., orthopedic surgeon, Alexandria, Virginia and secretary-treasurer, NAAMM; John Mennell, M.D., clinical professor of osteopathic medicine, MSU-COM, and past president, NAAMM, and noted author of multiple texts on the subject; and Carl W. Steele, M.S., P.T., assistant instructor, MSU-COM.

The course is approved for 40 hours of Category I credit for both M.D.s and D.O.s.

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RETURN TO MAUI FOR '85's
"SEMINAR IN THE SUN"

The 82 persons who joined the MSU-COM hula caravan last February were so taken with Maui, Hawaii, they've decided to repeat the experience.

The 1985 seminar in the sun sponsored by the MSU-COM Alumni Association will be held in Maui March 14-23. Guests will stay in the Kaanapali Alii Condominiums, which have spectacular ocean and mountain views.

Activities there include deep-sea fishing, sailing, whale-watching, airplane excursions over craters, pool and beach parties, a luau, a catamaran cocktail cruise, and optional excursions.

A program of 20 hours CME credit will be offered. For information, contact Sandy Kilbourn at MSU-COM or Nancy Griffen of Conlin Travel, (800) 521-7939 outside Michigan, (313) 769-9680 within Michigan.

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GREECE IN JUNE:
EUROPEAN CME SYMPOSIUM

A unique integration of the ancient and the modern will welcome participants in MSU-COM's tour to Greece, scheduled June 17-28, 1985. The excursion, which will include a 20-hour CME program, is sponsored by the MSU-COM Alumni Association and the Greek Medical Society.

Featured sites are Athens, the Acropolis, Delphi, Cape Sounion, the Temple of Poseidon, Corinth, Epidaurus, Nauplia, Olympia and Corfu Island. An optional Greek Island cruise is available.

For further information contact Sandy Kilbourn at MSU-COM or Patsy Wilson of Conlin Travel, (800) 521-7939 outside Michigan, (313) 769-9680 within Michigan.

CME contact: Sandy Kilbourn, M.A., A306 E. Fee Hall
MSU-COM, East Lansing, 48824; (517) 353-9714.
THURSDAY, OCTOBER 4, 1984

Microbiology and Public Health: "Mutagenesis, DNA Repair Enzymes and Inducible Responses" by Bruce Demple, Harvard University. 4 p.m., 146 Giltnner.

SATURDAY, OCTOBER 6, 1984


WEDNESDAY, OCTOBER 10, 1984


"Surgical Treatment of Male Impotence." 6 p.m. at Michigan Center for Continuing Education in Osteopathic Medicine, 900 Auburn Rd., Pontiac. 2.5 CME credits. Contact Duane M. Tester, 313/335-7742.

WEDNESDAY, OCTOBER 17, 1984

Microbiology and Public Health: "The Selection of Bacterial Mutants with Increased Tolerance to Osmotic Stress" by Lazlo Csonki, Purdue University. 4 p.m., 101 Biochemistry.

TUESDAY, OCTOBER 23, 1984

Microbiology and Public Health: "In Vitro Studies of Yeast DNA Replication" by Judith Campbell, California Institute of Technology. 4 p.m., 146 Giltnner.

WEDNESDAY, OCTOBER 24, 1984

"Lipid Implications of Antihypertensive Therapy" by Sean Nolan, M.D., clinical instructor in medicine, University of Pittsburgh. 12 p.m. at Oakland General Hospital, 28351 Dequindre, Madison Heights. For information, call (313) 967-7795.

FRIDAY, OCTOBER 26, 1984

Wednesday, October 30, 1984

Microbiology and Public Health: "Chemotaxis by Rhizobium" by Kostia Bergman, Northeastern University, Boston. 4 p.m., 146 Giltner.

Thursday, November 8, 1984

"Infection in the Immunosuppressed Patient" by Gerald Blackburn, D.O., chief, infectious diseases, Botsford General Hospital. 12 p.m. at Oakland General Hospital, 27351 Dequindre, Madison Heights. For information, call (313) 967-7795.

Microbiology and Public Health: "A Fabric of Bacterial Walls: Charge Characteristics and Binding of Metallic Ions" by Terrence Beveridge, University of Guelph. 4 p.m., 146 Giltner.

Wednesday, November 14, 1984

"The Hemodynamic Approach to the Treatment of Essential Hypertension" by Joseph Pitone, D.O., assistant professor of medicine and director of nephrology, New Jersey School of Osteopathic Medicine. 12 p.m. in auditorium of Oakland General Hospital, 27351 Dequindre, Madison Heights. For information call 313/967-7795.


"Endocrinology and Male Infertility," 6 p.m. at Michigan Center for Continuing Education in Osteopathic Medicine, 900 Auburn Rd., Pontiac. 2.5 CME credits. Contact Duane M. Tester, 313/335-7742.

Thursday, November 15, 1984

Microbiology and Public Health: "A Molecular Analysis of the Genes of Influenza and Paramainfluenza Viruses" by Robert Lamb, Northwestern University. 4 p.m., 146 Giltner.

Sunday, November 18, 1984


Tuesday, November 20, 1984

"Treatment of Hypertensive Urgency -- Including Oral Dose Bloating" by Ray Jackson, M.D., emergency medicine, Detroit Receiving Hospital. 12 p.m. in auditorium of Oakland General Hospital Osteopathic, 27351 Dequindre, Madison Heights. CME credit available. For information, call 313/967-7795.

Thursday, November 29, 1984

* 1984 MSU-COM Convocation to welcome entering class and to present the Walter F. Patenge Medals of Public Service. Kellogg Center Auditorium.

Microbiology and Public Health: "Analysis of Regulatory Elements in E. coli Plasmid CoIE1 DNA Replication" by Barry Polisky, Indiana University. 4 p.m., 146 Giltner.
THE "COMMUNIQUE" CONNECTION

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