Pediatrician Frank Schneiderman had just asked four-year-old Tammy if she saw a banana on his nose when photographer Dick Wesley opened the shutter. Dr. Schneiderman is one of many MSU-COM faculty who work in ambulatory care modules in the MSU Clinical Center.

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CIRCULATION: This spring 2,650 copies of "Communique" are distributed each issue to MSU-COM faculty and staff; on-campus students; students on clinical rotations; off-campus volunteer faculty; alumni; associate members of the MSU-COM Alumni Association; directors of medical education, administrators and others in affiliated hospitals; MSU deans and administrators outside MSU-COM; friends of the college; premedical advisers statewide, and osteopathic publications.

"Communique," a newsletter publication of the Michigan State University College of Osteopathic Medicine, is issued 18 times a year through Medicine and Health Information, A314 East Fee Hall, East Lansing, Michigan 48824; telephone 517/353-0820. Members of the Editorial Advisory Committee include Robert C. Ward, D.O. (chairman); Lon A. Hoover, D.O.; Sandy Kilbourn, M.A.; Gordon Spink, D.O., Ph.D.; Kenneth Stringer, D.O.; Jane A. Waldron; Kay E. White, Ph.D.; Nancy Houston, B.A. (editor), and Patricia Grauer, M.A. (managing editor). Circulation manager is Mary Palmer. Production is done by Connie Burch; photography by Dick Wesley. Date of publication of the next issue is Monday, May 17,1982.

Michigan State University is an equal-opportunity/affirmative action institution.
MSU-COM: On-campus Ambulatory Care in the Clinical Center Modules

Since its opening in 1976, the MSU Clinical Center has been a key site for both patient care and medical education for the MSU College of Osteopathic Medicine. Family physicians, specialists, residents, students and staff all work in the huge facility, the first MSU health care unit to provide outpatient services for the public.

The Clinical Center provides the full range of care for ambulatory patients, including a clinical laboratory, radiological services, pharmacy and special diagnostics units. Staffed by faculty physicians from both the MSU College of Human Medicine and College of Osteopathic Medicine, it is the nation's first university health care facility to employ both M.D.s and D.O.s.

Both medical colleges work cooperatively with community hospitals around the state for inpatient care training for students, since MSU does not maintain its own university hospital.

Clinical training in ambulatory care for osteopathic medical students at MSU is also offered in the offices of volunteer faculty D.O.s in the College's preceptor and junior preceptor programs, and in several other clinics staffed by the College. But because of its close proximity and services, the Clinical Center offers a unique opportunity for teaching and evaluation of student skills by campus-based physicians.

Osteopathic medical services in the facility are centered presently in two clinical modules, each of which includes a full array of examination rooms, nursing stations, patient reception and waiting areas, and conference rooms.

The MSU-COM program will be greatly expanded shortly with the opening of the Institute for Health and Human Fitness, which will include the sports medicine clinic and rehabilitation programs currently operating in the Center.

*3*

Dr. Mitchell reviews a chart with students Diane Heasley (l) and Jane Harris (r).
PRIMARY CARE MODULE

The primary care module, located on the first floor, houses MSU-COM's family medicine, biomechanics and pediatrics clinical services, including a specialty clinic for adolescent medicine.

Physicians presently working in the family medicine unit of the module include Drs. Richard Griffin, Margaret Aguwa, Lynn Brumm, James Davis, Nicholas Fiel, Lon Hoover, Alphonse Marohn, John Thornburg and Donald Waite.


Pediatricians include Drs. Bernard Kay, Frank Schneiderman, Gerard Breitzen, Kenneth Stringer and Ruth Worthington, with pediatric residents Dr. Carla Smith, Dr. Merrilee Osborn, and Dr. Nan Henderson. Brenda Roberts-Atwater is also doing a psychology internship with the pediatrics clinic.

Students Lynn Gibson (1) and Terry Hayrynen observe while Dr. Brumm examines a patient.
Staff in the primary care module include **Dawn Jennings**, manager, and nurse clinician for pediatrics and biomechanics; **Shari Clark**, nurse clinician for family medicine; clinic aides **Deb Adams, June Fellows, Nancy Fisher**, and **Sonjia Tanner**, and receptionists **Gwen Fay, Deb Hart**, and **Kathy Murray**.

*Instruction in OMT is given student James Hole by Dr. Ward in biomechanics clinic*

*Nurse manager Dawn Jennings (1) discusses the next patient with aide Sonjia Tanner.*

*Dr. Thornburg discusses an order.*
SPECIALTY CLINICS

Specialty care clinics for the MSU College of Osteopathic Medicine are located chiefly in the second-floor module.

Clinics offered in the unit include immunology/rheumatology with Dr. Donald Briner; internal medicine for patients aged 17 and older with Dr. John Gobol; and an obstetrics and gynecology clinic staffed by Dr. Joseph Walczak, Dr. Walter Mill, and nurse practitioner Barbara Sparks.

Respiratory therapist Verne Huice (l) and Dr. Morlock check data from a pulmonary function test.

Other clinics include pulmonary medicine with Dr. John Morlock and Dr. James Yarnal; and pre- and post-operative surgical evaluation and ambulatory surgery with Dr. Mill, and a neurology clinic conducted by Dr. George Ristow.

Dr. Ristow also is the attending physician for a Muscular Dystrophy Association Clinic, which provides both diagnostic and follow-up care for patients with neuromuscular problems covered by the association's medical services program.

Nurse manager of the specialty care module is Barbara Garvey. Staff include nurse Argene Carswell, clinic aides Lois Klotz and Florence Ridley, and receptionist Maureen Call.
MONDAY, MAY 24, 1982

4 p.m.  Biochemistry colloquium: "Regulation of Cell Type in Yeast by Transposable Elements." James B. Hicks, Cold Spring Harbor Laboratory. 101 Biochemistry.

TUESDAY, MAY 25, 1982

4 p.m.  Microbiology and Public Health seminar: "Gene Expression During Sporulation in Yeast." David Kaback, New Jersey School of Medicine, Jersey City, New Jersey. 146 Giltner.

WEDNESDAY, MAY 26, 1982

8 a.m.  Departments of Medicine and Pathology colloquium: "Von Willebrand's Disease" by H. Hassouna, M.D., Ph.D., and P.A. Kennedy, D.V.M. B205 Life Sciences.

FRIDAY, MAY 28, 1982

8 a.m.  Department of Family Medicine seminar: "How to Utilize the New Modalities in Radiology," by Richard White, D.O. B217 Fee Hall.

TUESDAY, JUNE 1, 1982

4 p.m.  Department of Microbiology and Public Health and Department of Medicine seminar. Basil Williams, School of Medicine, Wayne State University. 146 Giltner.

WEDNESDAY, JUNE 2, 1982

4 p.m.  "Environmental Mutagens: Principles and Methods for Their Detection" by Chia-cheng Chang, Division of Human Genetics, MSU. Sponsored by the Center for Environmental Toxicology. 101 Biochemistry.

FRIDAY, JUNE 4, 1982


9 a.m.  "Toxicology in Michigan Today." Second annual scientific meeting sponsored by MSU Center for Environmental Toxicology and Lifelong Education Programs. Contact Joan Martin Alam, Conference Coordinator, Lifelong Education Programs, MSU, East Lansing; 517/353-7822.

FRIDAY, APRIL 30, 1982

8 a.m. Department of Family Medicine seminar: "A Family Practitioner's Approach to Low Back Pain," by Lon A. Hoover, D.O. B217 Fee Hall.

4:10 p.m. "Psychophysiological Factors in Arousal, Attention and Performance" by Daniel Landers, Arizona State University. Room 1 IM Sports Circle Building. Sponsored by Health and Physical Education.

SATURDAY, MAY 1, 1982

8 a.m. "The Elderly Patient: Medication and Alcohol Issues." Contact Duane M. Tester, 313/335-7742. Macomb County Community College, Center Campus, Mt. Clemens.

SUNDAY, MAY 2, 1982

8 a.m. "Aids to Osteopathic Diagnosis: Palpatory/Biochemical and Others." Seminar cosponsored by Advance Study Group, MSU-COM Department of Biomechanics and the Michigan Center for Continuing Education in Osteopathic Medicine. Program chairman is Ernest W. Retzlaff, Ph.D. Contact Duane M. Tester, 313/335-7742. 900 Auburn Road, Pontiac.

MONDAY, MAY 3, 1982

4 p.m. Biochemistry colloquium: "Radicals, Suicide, and Cytochrome P-450 Destruction." Paul Ortiz de Montellano, University of California, San Francisco. 101 Biochemistry.

TUESDAY, MAY 4, 1982

4 p.m. Microbiology and Public Health seminar: "Genetics in Methane-Oxidizing Bacteria." Mary O'Conner, Washington University, St. Louis, Missouri. 146 Giltner.

WEDNESDAY, MAY 5, 1982


4 p.m. "The Role of Genetic Toxicology in Safety Evaluation of Environmental Chemicals" by Gary Williams, Naylor Dana Institute for Disease Prevention, American Health Foundation, Valhalla, NY. Fourth in a series sponsored by the Center for Environmental Toxicology. 101 Biochemistry.
COMMUNIQUÉ

Please use this form for submission of material for the biweekly College of Osteopathic Medicine Communiqué. 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 (MSU-COM)___________________________Alum?____Year graduated____

Address________________________________________Phone________________

NEWS ITEMS OR FEATURE SUGGESTIONS

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NEW NAME OR ADDRESS?

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SIGNATURE

PLEASE RETURN TO Medicine and Health Information, A314 East Fee, Michigan State University, East Lansing, MI 48824. For assistance call 517/353-0820.
THURSDAY, MAY 6, 1982

3 p.m. Dean's seminar: MSU-COM Hockey Research by John Downs, D.O., associate professor of osteopathic medicine.

3:45 p.m. Department of Microbiology and Public Health and Department of Chemical Engineering seminar: "Chemicals from Renewable Resources: Opportunities for Bioengineering Research." Robert Busehe, Dupont Chemical Corporation, Wilmington, Delaware. 146 Engineering Building.

FRIDAY, MAY 7, 1982

8 a.m. Department of Family Medicine seminar: "Diagnosis and Management of Vulvovaginitis and Cervicitis," by Joseph R. Walczak, D.O. B217 Fee Hall.

MONDAY, MAY 10, 1982


7 p.m. Seminars on health maintenance for older adults: "Health Concerns of the Aging" by Raymond Murray, MSU College of Human Medicine; Herbert J. Oyer, Department of Audiology and Speech Sciences; Donald H. Briner, chairman of Department of Internal Medicine. Sponsored by MSU-COM, MSU-CHM, MSU College of Nursing, MSU Executive Committee on Aging, in cooperation with Michigan Health Council. MSU Clinical Center.

TUESDAY, MAY 11, 1982


WEDNESDAY, MAY 12, 1982


THURSDAY, MAY 13, 1982

Faculty Development seminar: "Public Speaking for Professionals," by David Ralph, professor of communication, MSU.

FRIDAY, MAY 14, 1982


4 p.m. Microbiology and Public Health seminar: "Immunological Activity of Bacterial Endotoxins; Relationship to Biochemical Structures." David Morrison, Emory School of Medicine, Atlanta. 146 Giltner.
SUNDAY, MAY 16, 1982

8:30 a.m. "Birth Control." Seminar cosponsored by Tri-County OB/GYN Osteopathic Society and Michigan Center for Continuing Education in Osteopathic Medicine. Chairman is Paul Schneider, D.O. Contact Duane M. Tester, 313/355-7742. 900 Auburn Road, Pontiac.

MONDAY, MAY 17, 1982


4 p.m. "Use of In Vitro Mutation and Transformation Assays to Study Mechanisms of Genetic Toxicology" by Eliezer Huberman, Director, Division of Biological and Medical Research, Oak Ridge National Laboratory, Oak Ridge, Tenn. Sponsored by the Center for Environmental Toxicology. 158 Natural Resources.

TUESDAY, MAY 18, 1982

4 p.m. Microbiology and Public Health seminar: "Virus-Induced Deregulation of MHC Antigens: Role in Oncogenesis." Daniel Meruelo, Irvington House Institute, New York University. 146 Giltner.

WEDNESDAY, MAY 19, 1982


THURSDAY, MAY 20, 1982


SUNDAY, MAY 23, 1982

Barbara Garvey is nurse manager of the specialty care clinics

Aide Florence Ridley prepares the room for the next patient.

Dr. Mill, who is certified in both specialties, works in the OB/Gyn and surgery clinics
MSU-COM HAS LARGE REPRESENTATION AT AAO CONVOCATION IN COLORADO

MSU-COM was strongly represented by faculty and students attending the recent convocation of the American Academy of Osteopathy, held March 24-28 in Colorado Springs, Colorado.


Students attending the convocation included Keith Barbour, Jaci Fitzgerald, T.J. Gillespie, Jerel Glassman, Dave Hyler, Reid Kavieff, Kevin Lee, Jennifer Miller, Will and Wendy Page-Echols, Greg Pecchia, Dan Reum, and Dwight Stallman.

** ** **

WOMEN D.O. HISTORY PROJECT SEEKS INFORMATION

A group of MSU-COM students and faculty have initiated a study of women osteopathic physicians to clarify their social history and to recognize and honor the pioneer women within the profession. It is hoped that ultimately an archive can be created which is sufficient to encourage and support scholarly research about the profession and the contributions of the women within it.

The group is currently seeking information about those women physicians who grew up and/or practiced in Michigan. The information they seek includes: names and personal history; newspaper and other periodical articles, photos, and memorabilia of all kinds; and anecdotes of the women's practice, training and life.

Individuals willing to share information regarding women osteopathic physicians can write:

Women D.O. History Project
College of Osteopathic Medicine
A310 East Fee Hall
Michigan State University
East Lansing, Michigan 48824

or call Celia Guro, (517)353-7285 or Shirl Weaver, (517)355-3697.

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MSU-COM ALUMNI ISSUE SCHEDULED FOR MAY 31

The May 31 issue of "Communique" is being reserved for our annual compilation of news about our alumni — practice, publications, honors and awards, personal news, interesting anecdotes, and whatever they would like to share.

The Editorial Advisory Committee and staff would like to encourage alumni to submit information for this issue, either using the standard insert in the newsletter or a special form being mailed individually to alumni. Please submit all information by Monday, May 17 to assure publication in this issue.
Continuing Medical Education

For further information on any of these programs, contact CME coordinator Sandy Kilbourn, M.A., A329 E. Fee, MSU-COM, East Lansing, Michigan, 48824; phone 517/353-8822.

NEUROMUSCULAR DISEASE SYMPOSIUM
JUNE 4 AT MSU's KELLOGG CENTER

The annual Neuromuscular Disease Symposium, held at MSU's Kellogg Center, is sponsored by the Muscular Dystrophy Association and the MSU College of Osteopathic Medicine and College of Human Medicine.

The program, scheduled this year for June 4, is approved for seven hours Category II credit for D.O.s.

Faculty include Richard Moxley III, M.D., codirector of the University of Rochester Muscular Dystrophy Clinic, and Lewis Rowland, M.D., chairman of the Department of Neurology at Columbia University.

Osteopathic faculty are George Ristow, D.O. associate professor of internal medicine at MSU-COM and director of the MDA clinic at the MSU Clinical Center, and Michael Nigro, D.O., clinical professor of medicine at MSU-COM, and director of the MDA clinics at Martin Place Hospital and Children's Hospital of Detroit.

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BASIC PRINCIPLES OF MANUAL MEDICINE:
JUNE 14-18 AT KELLOGG CENTER

The application of basic principles of manual medicine for the spine, pelvis, and extremities will be taught in this week-long tutorial at MSU's Kellogg Center June 14-18. The program includes lectures, demonstrations, and practice sessions.

Faculty include John Bourdillon, F.R.C.S., former senior orthopedic surgeon, North Gloucester, who is now in private practice in Vancouver, B.C.; Philip Greenman, D.O., associate dean and professor of biomechanics, MSU-COM; Paul Kimberly, D.O., former Steunenberg Professor and chairman of the Department of Osteopathic Theory and Methods, Kirksville College of Osteopathic Medicine; and John Mennell, M.D., past president of the North American Academy of Manipulative Medicine and noted author of multiple texts on manipulative medicine.

The program is approved for 40 hours of Category I credit for both M.D.s and D.O.s. It is sponsored by MSU-COM, the MSU College of Human Medicine and the North American Academy of Manipulative Medicine.

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UPDATE ON PULMONARY MEDICINE: JUNE 26
AT MSU's KELLOGG CENTER

Exercise-induced asthma, office management of chronic obstructive pulmonary disease, sleep disordered breathing, the problem asthmatic, and chronic cough are among the topics at a day-long update on pulmonary medicine at MSU June 26.

The program, sponsored by the MSU College of Osteopathic Medicine and MSU's Lifelong Education Programs, will be held at Kellogg Center.

Faculty include John Morlock, D.O., and James Yarnal, D.O., assistant professors of internal medicine (pulmonary diseases) at MSU-COM; Robert H. Brookman, D.O., medical codirector of respiratory therapy at Flint Osteopathic Hospital; James C. Giudice, D.O., professor of medicine and chief of the pulmonary division, New Jersey School of Osteopathic Medicine; and James P. Shinnick, D.O., associate staff, American Oncologic Hospital, Philadelphia.

The course is approved for 5.5 hours of Category I credit for D.O.s and Category II credit for M.D.s.

** ** *

INTERMEDIATE COURSE ON CRANIOSACRAL TECHNIQUE
JULY 22-26 AT KELLOGG CENTER

Intermediate training in craniosacral palpation techniques will be given in a program July 22-26 cosponsored by the MSU College of Osteopathic Medicine and College of Human Medicine.

Course content will include topics such as anatomy and physiology of the cranium, cervical spine, meningeal membranes, the relationship of the autonomic nervous system, clinical syndromes, brain dysfunction, endocrine disorders, pain, and diagnosis and treatment of dysfunctions.

Faculty include John Upledger, D.O., professor of biomechanics, MSU-COM; Richard MacDonald, D.O., private practitioner from Waterville, Maine; and John Peckham, D.O., associate professor of sports medicine and rehabilitation, Texas College of Osteopathic Medicine.

A prerequisite for enrollment is a basic course in craniosacral technique. The program is approved for 40 hours Category I CME credit for M.D.s and D.O.s

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TUTORIAL ON DIRECT ACTION THRUSTING TECHNIQUE:
AUGUST 23-27 AT LANSING GENERAL HOSPITAL

A five-day intensive course in the fundamentals and use of direct action high velocity manipulative therapy will be featured August 23-27 at Lansing General Hospital. Primary emphasis will be on the spine, pelvis and thoracic cage.

Faculty include Philip Greenman, D.O., associate dean and professor of biomechanics at MSU-COM; Paul Kimberly, D.O., former Steunenburg Professor and chairman of the Department of Osteopathic Theory and Methods, Kirksville College of Osteopathic Medicine; and Fred Mitchell, Jr., D.O., professor of family medicine, MSU-COM.

A prerequisite for students in the program is the D.O. degree, or the M.D. with previous training in manual medicine.

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

* -10-
James D. ZeBranek Jr., second-year student, presented a research paper at the April 3 Midwest Convention of the American Alliance for Health, Physical Education, Recreation and Dance at Grand Rapids. A manuscript of the paper, "Recovery from Exhaustive Exercise: A Comparison of Trained and Untrained Subjects' Responses to Working and Resting Recoveries" is under review for publication, with Wayne D. Van Huss, Ph.D., and Homer Sprague, Ed.D., of the MSU Center for the Study of Human Performance as coauthors.

Thomas Adams, Ph.D., and S. Richard Heisey, Ph.D., of the Department of Physiology were recently designated as corecipients of the grand prize in an annual national competition sponsored by Hewlett-Packard Company. The award was presented for a computer program they authored — "Acid-Base Factors for Blood and Brain Interstitial Fluid," which was designed to be used with the HP-41C handheld programmable calculator. Other programs they have authored which have been published by Hewlett-Packard include "Renal Function Tests," "Human Heat Stress," "Tissue Blood Flow," and "Respiration." They received an HP-85 computer as a prize in conjunction with the award.

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ALUMNI ALUMNI ALUMNI ALUMNI ALUMNI ALUMNI ALUMNI ALUMNI ALUMNI

David Goldstein, D.O., '73, has been certified by the American Osteopathic Board of Anesthesiology. Presently a staff anesthesiologist and coordinator of pain therapy at Mount Sinai Medical Center in Cleveland, he has been appointed clinical instructor of anesthesiology at Case Western Reserve University.

Lawrence Holen, D.O., '73, has been certified in orthopedic surgery by the American Osteopathic Academy of Orthopedics. He is currently practicing general orthopedics and hand surgery in Lapeer, Michigan.

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The 1982 Graduating Class of
the Michigan State University College of Osteopathic Medicine

cordially invites

all faculty and staff to

the 1982 Commencement Ball and Awards Banquet

Friday, June 11,

at Long's of Lansing

Hors d'oeuvres and cocktails will begin at 6:15 p.m., dinner at 7 p.m., the awards presentation at 8:30 p.m., and dancing at 9:15 p.m.

Reservations must be received by May 28. Send a self-addressed envelope and a check made payable to "COM '82" for $15 per person to Shelly Friedman, 1302 Chartwell, Carriage Way South, East Lansing, 48823. Please indicate your choice of prime rib, marinated boneless breast of chicken, or scrod almonde.
Special Activities of the MSU College of Osteopathic Medicine and its Alumni Association at the MAOP&S Convention Westin Hotel, Renaissance Center

Join us for fun and cheer in the Hospitality Suite!

- 5-7 p.m., Thursday, May 20 and Friday, May 21
- Suite number to be assigned
- Look for directional signs posted at the convention

Join us at our exhibit!

- Thursday, May 20, and Friday, May 21
- In the main exhibit area
- Look for the MSU Green & White in that 'maize'

Everybody welcome!