Much of the activity in a medical school occurs outside its classrooms, clinics and laboratories. Interrupted at their work by roving photographer Dick Wesley were (from upper left): Merri Hill (Internal Medicine); Gayle Galmish (Internal Medicine); Virginia Martin-Throne (Osteopathic Medicine); Mary Palmer ("Communique" staff); John Costantino (Internal Medicine); Perry Parkhurst (Dean's Office); Loretta Poppenheimer (Family Medicine); Gerard Breitzer (Pediatrics, center); Dot Thullen (Dean's Office); Winnie Grant (Admissions); Anita Hattner (Pediatrics) and John McNeil (Family Medicine).

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"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 Beth Stephens and Connie Burch; photography by Dick Wesley. Date of publication of the next issue is Monday, October 5, 1981. Deadline for material to be included in that issue is noon, Wednesday, September 23.
MUSCULAR DYSTROPHY UPDATE
BY EMINENT NEUROLOGIST

Children with even the most severe form of muscular dystrophy may live longer and have a vastly improved quality of life in comparison to their counterparts of 20 years ago, an internationally eminent neurologist said in a lecture September 4 at Michigan State University.

Sir John Walton, professor of neurology and former dean of medicine at the University of Newcastle upon Tyne, discussed neuromuscular diseases with scientists, physicians and students from MSU's College of Osteopathic Medicine and College of Human Medicine.

Sir John noted several approaches which either lessen the effects or prevent the occurrence of Duchenne muscular dystrophy, an inherited disorder usually occurring among boys, which causes severe deformities, weakness of selective muscles, massive contractures and early death by respiratory failure.

Though there is still no cure for the disease, Sir John emphasized, good physical care can prolong life by five to ten years and greatly improve its quality. This includes stretching exercises for muscles to prevent shortening and improve mobility, and support to prevent scoliosis, a sideward deviation of the spine which can severely impair respiratory function. Weight control and keeping the child mobile are also very important, he said.

Noting that less than 50% of what used to be considered "muscular dystrophy" actually was so, Sir John said that more precise diagnostic methods have allowed physicians to differentiate between Duchenne muscular dystrophy and other nerve and muscle disorders which may be more amenable to treatment.

Other methods — including carrier detection and genetic counseling — are being used to prevent the birth of dystrophic children, Sir John said.

"For a woman who is a carrier for this disease, her sons have a 50% chance of having muscular dystrophy, and her daughters have a 50% chance of being carriers themselves, he said.

Several methods, including manual muscle testing, are now being used to detect female carriers, though the most reliable seems to be the estimation of a substance known as creatine kinase in the blood. Though creatine kinase for the carrier state is best used in young girls, Sir John said, it is also used to help identify both fetuses and newborns who may have the disease.

"Identification of a woman as a carrier allows a sensitive physician to counsel her and her husband before pregnancy to weigh the consequences of having a child with muscular dystrophy," he said.

Sir John said he once opposed mass screening of newborns for muscular dystrophy (which may not be apparent at birth), but now encourages it.

"Screening seemed superfluous since there was nothing we could do to prevent the onset of the disease," Sir John said. "However, muscular dystrophy may take six or more year to become clinically evident. In that amount of time a child may have several siblings born with the disease or who are carriers of the disease. Immediate identification of the first dystrophic child can offer a family the option of preventing the birth of children with the disease."
Current theories about the causes of Duchenne muscular dystrophy center around some physical or chemical defect in the membrane of the muscle fibers, Sir John said. This defect seems to cause an uncontrolled influx of calcium, which causes localized areas of abnormally high muscle contraction. In addition, the calcium seems to activate substances called proteases which produce a degeneration of the muscle protein and consequent wasting.

Research on treatment for muscular dystrophy may fall into one of these three areas, Sir John speculated — development of drugs to stabilize the fiber membrane, drugs to decrease the flow of calcium, or drugs to inhibit the effects of the proteases.

CANADIAN DELEGATION VISITS MSU-COM

A fact-finding delegation of physicians from Quebec visited the Michigan State University College of Osteopathic Medicine August 11-12 with an eye to offering full practice rights to osteopathic physicians in Canada.

Representing the Corporation of Physicians and Surgeons of Quebec, the group responsible for that province's physician certification, the visitors met with College and university administrators, researchers, faculty and students.

"At present, osteopathic physicians in Canada are not licensed to perform any invasive procedures, but only to do manipulative therapy," said Assistant Dean for Planning Fred C. Tinning, Ph.D., who arranged the MSU-COM visit. "This is the first step in promoting full practice rights for D.O.s in Canada."

Dr. Tinning said that the Canadian delegation, who toured educational, research and clinical facilities of the College, seemed "quite impressed both with MSU and the College of Osteopathic Medicine."

The group also toured the Chicago College of Osteopathic Medicine. The USA visits were arranged by David A. Patriquin, D.O., of the Department of Family Medicine of the Ohio College of Osteopathic Medicine.

The visitors included Eugene Robillard, M.D., chairman of the fact-finding committee and a retired physician/researcher; Jean Couture, M.D., a Quebec surgeon; Bernard Therien, M.D., a pediatrician, and Joseph Chouinard, Ph.D., executive director of the Canadian Federation of Provincial Licensing Bodies.

INTERNATIONAL SYMPOSIUM: VERTEBROGENIC LESIONS

An international symposium on "Spine and Muscles: Muscular Factor in Vertebrogenic Lesions" will be held in Prague, Czechoslovakia, May 5 to 7, 1982. The event is sponsored by the Czechoslovak Society for Rehabilitation, Section of Manual Medicine, under the auspices of the International Federation of Manual Medicine.

Topics include the muscular factor in the pathogenesis of vertebrogenic lesions; the diagnosis of faulty muscular function, the muscular factor in therapy, and correlation of muscles and the osteoarticular system. The symposium will be simultaneously translated in English, German and Czech or Slovak.

For information, write the Symposium Secretariat, Vitezneha unora 31, 120 26 Praha 2, Czechoslovakia; phone 29 72 71; telex 121 293; cable address: purkynemedical praha.
1981 ENTERING CLASS
COLLEGE OF OSTEOPATHIC MEDICINE
MICHIGAN STATE UNIVERSITY

Because the College's student directory for the 1981 entering class could not be distributed to a large number of our "Communiqué" readers, we have condensed the material for presentation here. We stress "condensed" because this material includes only hometown, academic degrees or attendance, professional work and medically-related experience. It does not reflect numerous honors, awards, scholarships, publications, extracurricular activities, and non-medical volunteer and part-time work which this class had garnered in their pre-medical careers. Hometowns are in Michigan unless otherwise specified.

ROBERT ALAIMO, JR., 31; Warren. B.S., 1981, psychology, Wayne State University; studied at Macomb County Community College. Worked as an orderly in surgery and on a psychiatric ward; volunteer with county health commission.

FRANK L. ANDERSON, 23; Southfield. B.G.S., 1980, general studies, University of Michigan. Worked as a microbiology and a psychotherapy assistant.

PEGGY M. ANDERSON, 27; Leslie. B.S., physiology, and B.S., 1975, clothing and textiles, Michigan State University.

ELSI BACCARI, 37; Sault Ste. Marie. B.S., 1976, and associates degree, 1972, nursing, Lake Superior State College. Worked as a registered nurse for nine years, a head nurse for seven years and as a L.P.N. for six years.

JAMES M. BENDER, 26; Akron. B.S., 1976, psychology, Michigan State University. Worked as a mental health counselor.

ROXANNE L. BENJAMIN, 35; Rose City. B.S., 1981, microbiology/biochemistry, Michigan State University. Worked in immunology research lab.

AURORA L. BENSON, 23; Lansing. B.A., 1978, biology, Drake University; attended the University of Santo Tomas, Philippines. Worked as a patients accounts clerk and as a laboratory assistant.

FRANCIS A. BERNIER, 41; Okemos. Ph.D., 1973, higher education administration, Michigan State University; M.A., 1968, counseling, Western Michigan University; B.A., 1966, special education, Michigan State University. Worked as director of admissions, dormitory director, and a personnel director.


GUST BILLS, 24; Birmingham. B.S., 1980, unified science, Wayne State University; attended Oakland University. Assistant in biology. Worked as an x-ray technician.

BRUCE E. BISSINGER, 23; Redford. B.S., biochemistry, and B.S., 1981, microbiology, University of Michigan-Dearborn. Worked as a respiratory therapy assistant and as a research technician.

TERRY LYNN BODELIN, 24; Iron Mountain. Majored in biology at Michigan Technological University.

MICHAEL BOLAN. B.S., 1980, medical technology, Michigan State University. Attended Oakland University and Oakland Community College.
FREDERICK WILLIAM BORN IV, 28; Lansing. B.S., 1976, physician's assistant, Western Michigan University. Worked as a physician's assistant at the State Prison of Southern Michigan for five years.

GREGG D. BRANHAM, 26; Lansing. Attended Oakland Community College and studied pre-professional medicine at University of Michigan. Worked as a corpsman in the U.S. Navy, as a paramedic, an ARC instructor, and an industrial medical technician.

FRANK A. BRETTSCHEIDER, 22; Allen Park. B.S., 1980, pharmacy, Ferris State College. Worked as a pharmacist, as a therapist, and on a drug education team. Volunteer, pediatric clinic.

STEVEN J. BRUSSEE, 22; Oshtemo. B.S., 1981, biology/chemistry, Calvin College. Volunteer in the emergency room and as an orderly.

DENISE M. BURUSE, 26; Escanaba. B.S., 1976, physician's assistant, Johns Hopkins University; studied pre-medicine at Washington University. Worked as a physician's assistant in primary care for four years.


LeROY CAUDILL, 27; East Lansing. B.A., 1980, health science, Stephens College; majored in biology at the University of Missouri and in general studies at Kellogg Community College. Worked as an EMT and paramedic, a family practice physician assistant, a venipuncture technician, and as an advanced life support provider.

RICHARD A. CESTKOWSKI, 23; Watersmeet. B.S., 1980, mathematics, Western Michigan University. Worked as a respiratory therapy technician and as a cardiovascular technician.

LORA CHAMBERLAIN, 25; Lansing. Majored in psychology at Wayne State University. Worked as a research assistant at clinic, as a nurse's aide at hospital.

GLORIA E. CHANEY, 22; Meridian, Mississippi. B.S., 1981, biology, Tougaloo College. Worked as nurse's aide, laboratory assistant, histology lab assistant and receptionist.

SANDRA M. CIFOR, 26; Livonia. M.S., 1980, biological science, Michigan State University; A.D.R.N., 1979, nursing, Lansing Community College; B.S., 1976, psychology, Michigan State University. Worked as a registered nurse and as a Red Cross volunteer.


DUANE JOHN CORSI, 23; Warren. B.S., 1981, pharmacy, Wayne State University. Worked as a staff hospital pharmacist.

RONALD A. CUNLiffe, 35; Greenville. B.S., physician's assistant, Mercy College of Detroit; B.S., 1973, biology, Eastern Michigan University. Worked as a physician's assistant for five years.


KIM THU T. DANG. B.S., 1980, medical technology, Michigan State University; attended Grand Valley State Colleges and Detroit Institute of Technology.
WILLIAM deLaROSA, 31; Kings, New York. B.A., 1972, philosophy, Cornell University; majored in pre-medicine at Columbia University. Worked for eight years as a criminal court officer.

JOHN Q. DICKEY, JR., 22; Birmingham. B.A., 1981, zoology, Olivet Nazarene College. Worked in transport at hospital and as an assistant at clinic.


MARCIA KAY DOEHRING, 20; Bloomfield Hills. Majored in biomedical chemistry at Oral Roberts University. Volunteered as a nurse's aide at a nursing home, worked as a phlebotomist and as an office receptionist.

RANDY ELLIS DRUMM, 22; Cedar Lake. B.S., 1981, biochemistry, Andrews University.


JOHN A. ELLIS, 26; East Lansing. Bachelor of Industrial Engineering, 1978, General Motors Institute; attended Michigan State University. Worked as an engineer for three years.

HOPE C. I. FRANZESE-YSAGUIRRE, 23; Bergen, New Jersey. B.A., 1980, psychology, New York University; attended Smith College. Worked in the emergency room, was a researcher in pediatric cardiology, a researcher at a medical center, and a D.O. assistant in neurology.

JACQUELINE FITZGERALD, 25; Brighton. M.S., 1981, human nutrition, Michigan State University; B.A. 1979, German, University of Michigan. Worked as a nurse's aide in hospice for three years, and was a program assistant for the Easter Seal Society.


JAMES GIULIANI, 24; Bloomfield Hills. B.S., 1979, biochemistry, Michigan State University. Worked as an emergency medical technician for an ambulance service and in medical technology at hospital laboratory.

ROY LEE GODDARD, JR., 26; Guymon, Oklahoma. B.A., 1979, chemistry, and B.S., 1978, pharmacy, Southwestern Oklahoma State University. Worked as a registered pharmacist.

ROBERT GOODMAN, 21; Southfield. B.S., 1981, psychology, Michigan State University.

RICHARD E. GORDON, 25; Franklin. B.S., 1980, zoology, University of Michigan.

DAVID GREEN, 22; Flint. B.A., 1981, philosophy, Michigan State University; attended C.S. Mott Community College.

KRISTINE A. GROSKOPP, 24; Portage, Wisconsin. B.S., 1980, Lyman Briggs College, Michigan State University. Worked as a surgical orderly; volunteer, health center in emergency and obstetrics and gynecology.

MICHAEL C. HAKALA, 33; Lansing. B.A., 1969, biology/psychology education, Northern Michigan University. Taught 12 years in a junior high school and was a part-time phlebotomist at hospital.

NESTOR HALICKI. B.S., 1981, nutrition, University of Michigan.

GERALD HARRIMAN, 22; Holt. B.S., 1981, math/science, Calvin College. Worked as a phlebotomist at medical center.

ROBERT HASBANY. Majored in psychology/biology at Oakland University; attended Oakland Community College.

CHERYL HAYES, 23; Southfield. B.S., biochemistry, Eastern Michigan University; attended Oakland University. Worked as a walk-in clinic volunteer and was a nurses' aide in an operating room.

MICHAEL HENDERSON, 22; Lincoln, Mississippi. B.S., 1980, chemistry, Millsaps College; A.S., 1978, general science, Copiah-Lincoln Junior College. Worked as a biology and chemistry laboratory assistant and was a lab technical specialist at hospital.

FREDERIC C. HENDRICKSON, 32; Kearsarge. B.Sc., 1971, forest management, Michigan Technological University; studied biochemistry at Northern Michigan University; attended Montgomery College. Participated in hospital's clinical conference series, doctor's referral program, and mine construction safety committee.

CHARLES E. HETH, 30; Southfield. B.S., 1977, pharmacy, and B.S., 1973, biology, Wayne State University. Worked as a pharmacist for four years, and had held various hospital positions for eight years.
SATURDAY, OCTOBER 10


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.

SATURDAY, OCTOBER 24


MONDAY, OCTOBER 26


SATURDAY, OCTOBER 31

FRIDAY, NOVEMBER 6

Eleventh Annual Convocation of MSU College of Osteopathic Medicine honoring the 1981 entering class. Keynote speaker will be Frederick C. Robbins, M.D., president of the Institute of Medicine of the National Academy of Science. The Walter F. Patenge Medals of Public Service will also be awarded. Erickson Kiva.

SATURDAY, NOVEMBER 7

"Hypertension," cosponsored by MCCEOM and Garden City Hospital. Program chairman is Lester Eisenberg, D.O. Contact Duane M. Tester, 313/335-7742. 6245 N. Inkster, Garden City, Michigan.

7:30 a.m. "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. 2 1/2 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

FRIDAY, DECEMBER 5, 1981

"Office Diagnostic Procedures for Back Pain," second in a series of five lectures on "Office Management of Chronic Musculoskeletal Pain." Topics include the physical exam; x-ray, nuclear studies and thermography; laboratory studies; and EMG and electrodiagnostic procedures. Faculty include Claude Oster, D.O.; David Gordon, D.O.; and Kevin Brown, D.O. Cosponsored by Michigan State University College of Osteopathic Medicine and Pain Research and Control Institute, Southfield Rehabilitation Center. Approved for three hours of Category I credit. Program repeated January 9. Contact Sandy Kilbourn, A329 E Fee, MSU/COM; 517/353-8822. Pain Research and Control Institute, Southfield, Michigan.

"Thyroid Diseases," sponsored by Michigan State University College of Osteopathic Medicine. Approved for seven hours Category I CME credit. Contact Sandy Kilbourn, A329 E Fee, MSU-COM; 517-353-8822. Kellogg Center for Continuing Education, MSU.

SATURDAY, DECEMBER 6, 1981


MONDAY, DECEMBER 14, 1981


SATURDAY, JANUARY 9, 1982

"Office Diagnostic Procedures for Back Pain," second in a series of five lectures on "Office Management of Chronic Musculoskeletal Pain." Topics include the physical exam; x-ray, nuclear studies and thermography; laboratory studies; and EMG and electrodiagnostic procedures. Faculty include Claude Oster, D.O.; David Gordon, D.O.; and Kevin Brown, D.O. Cosponsored by Michigan State University College of Osteopathic Medicine and Pain Research and Control Institute, Southfield Rehabilitation Center. Approved for three hours of Category I credit. This is a repeat of December 5 program. Contact Sandy Kilbourn, A329 E Fee, MSU/COM; 517/353-8822. Michigan State University Clinical Center.

FRIDAY, JANUARY 15-16, 1982

MONDAY, SEPTEMBER 21


SATURDAY, SEPTEMBER 26

7:30 a.m. 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.

SUNDAY, SEPTEMBER 27


FRIDAY, OCTOBER 2


TUESDAY, OCTOBER 6

MICHAEL HETZNER, 31; Hamburg. B.S., 1977, elementary education, University of Wisconsin-Madison; B.A., 1972, English, Valparaiso University. Taught fifth grade for four years and was a group home parent for retarded children for two years.

FREDERICK HOGAN. B.S., 1980, psychology, Wayne State University.

CHRISTINE M. HOPE, 28; Sault Ste. Marie. B.S., 1981, biomedical sciences, Grand Valley State Colleges; majored in business administration at Lake Superior State College. Worked as a paramedic for an ambulance service; volunteer Red Cross instructor, ambulance aide, student advisor.

SHEILA HORN, 22; Cuyahoga, Ohio. B.A., 1981, psychology, New York University. Worked in the biology department, volunteer for Crisis Hotline, Big Brother/Big Sister organization.

FRANKLIN L. HOWELL, 31; Haslett. M.A., 1979, industrial management, Central Michigan University; B.S., 1977, chemical engineering, State University of New York at Buffalo. Worked as a design engineer at Ford Motor Company for four years.

(DEBRA) LYNN HUGHES, 25; Kalamazoo. B.S., 1979, dietetics-nutrition, Michigan State University. Worked as a pharmaceutical representative.


JAMES JACKSON, 22; Muskegon. Majored in microbiology at the University of Michigan. Worked as an orderly in surgery.

CORINNE JEDYNAK-BELL, 28; Dimondale. B.S.N., 1981, nursing, Marquette University; R.N., 1973, Harper Hospital School of Nursing. Worked five years as an intensive care unit nurse, three years in obstetrics; CPR instructor and maternal/child care instructor.

ANDREA G. JOHNSON, 24; Williamston. B.S., 1978, zoology, Michigan State University. Worked as a research assistant.

THOMAS JOHNSON. Majored in public health, Michigan State University. Attended University of Michigan.
LARRY KAGE, 22; Lansing. B.S., 1975, biology, Wheaton College; studied human genetics at the University of Michigan. Worked as a biomedical photographer, a geneticist, a community health educator, and as a community health project director.

RONALD J. KALCHIK, 22; Lansing. B.S., 1979, psychology, University of Georgia-Athens. Worked as a surgical orderly and a respiratory orderly.

RUTH R. KAMIENELKI, 32; Livonia. Majored in chemistry at Wayne State University. Worked as a certified eye enucleator, a physical therapy assistant, and a paramedical examiner.

DAVID H. KAYE, 23; Royal Oak. B.S., 1979, microbiology and public health, Michigan State University. Worked as a clinical microbiologist.

MARY ELLEN KEATING, 24; Traverse City. B.S., 1979, microbiology, Michigan State University. Worked as a microbiologist, class preparation technician and research lab technician.

MICHAEL E. KELLY, 27; Brimley. R.N. associate, 1979, Lake Superior State College. Worked as a nurse's aide, a graduate nurse, and an R.N. charge nurse. Served in the U.S. Navy from 1972-76 as a medic.

KATHLEEN R. KNAPP, 21; Detroit. B.S.N., 1981, nursing and biology, Mercy College of Detroit. Worked as a nursing assistant, as a registered nurse, and as a typist/stenographer for the drug enforcement agency. Lab instructional assistant in anatomy and camp counselor for the mentally impaired.

STEFAN H. KOBILJAK, 22; Grosse Ile. B.A., 1981, biology, Albion College. Worked for one year in emergency room and three years as a lab assistant.

MARLA KUSHNER, 21; Birmingham. Majored in zoology at Michigan State University. Worked as a medical receptionist and assistant.


GARY LANGNAS, 22; Southfield. B.S., 1981, psychology, Michigan State University.

MIRIAM LEBENBOM, 22; Birmingham. B.A., 1980, psychology, University of Michigan.

JOHN LEMKE, 34; East Lansing. B.A., 1975, history, Seton Hall University. Worked as a research assistant, seventh grade teacher, electronics technician, and railroad brakeman.


ZACHARY H. LEWIS, 22; Grosse Ile. B.S., 1981, biology, University of Michigan.

TOMAS LEYVA. Attended University of Texas and El Paso Community College.


DAVID F. McCORRY, 24; Flint. B.S., 1978, zoology, Michigan State University. Worked three years at Ingham Medical Center.

CHARLES McSWAIN. B.S., 1976, zoology, Howard University; attended University of Detroit.

GEOFFREY D. MILLS, 24; Pontiac. B.A., 1981, biology, Oakland University; attended San Diego State University. Worked as an orderly at hospital.
Kathleen Knapp


TIMOTHY G. O'CALLAGHAN, 24; Birmingham. B.S., 1978, zoology, Michigan State University. Worked as a lab technician in carcinogenesis.

STEPHAN E. OOSTERMAN, 28; Lansing. B.S., 1981, biology/chemistry, Calvin College. Worked for six years in Navy as a nuclear reactor operator on a submarine; was a mental health technician for 2 1/2 years.

LARRY J. PEPPER, 21; Clarksville. B.S., 1981, psychology, Michigan State University. Worked as a security guard at MSU's Clinical Center.

CHARLES K. PETERS, 26; Ferndale. M.S., 1978, industrial health, University of Michigan School of Public Health; B.S., 1976, microbiology, University of Michigan. Worked as an industrial hygienist.

STEVEN PITTMAN, 22; Southfield. B.S., psychology, Michigan State University.

TODD A. PETH, 22; Kingsford. B.S., 1981, chemistry, University of Michigan.

HEIDI PUDLINER, 26; Okemos. M.S., 1980, plant physiology, University of Kentucky; B.A., 1979, general biology, Vanderbilt University. Worked part-time as a microbiology technician.

JOHN B. RASOR, 22; Birmingham. Majored in microbiology at Michigan State University.


STEVEN A. RUPERT, 25; East Lansing. Majored in biology at Michigan Technological University.
STEVEN SABLE, 30; Southfield. B.S., 1976, physician's assistant, Mercy College of Detroit; B.S., 1973, psychology, Wayne State University. Worked as a physician's assistant for three years.

JAY H. SANDBERG, 24; Detroit. B.S., 1978, psychology, Wayne State University. Worked as a dietary aide, a central supply aide at hospital, and was a pharmacy technician. Participated in biofeedback research, and was a microbiology intern.


STEVE SCHLABACH, 22; Okemos. B.S., 1981, medical technology, Michigan State University. Worked as a phlebotomist, a lab clerk, an emergency room clerk, and as an orthopedic orderly.

LESLIE ROBERT SEARLS, 32; Grand Ledge. B.A., 1970, sociology/anthropology, Oakland University. Attended Michigan State University. Worked as a registered cardiovascular technologist and supervisor for the cardiac catheterization lab.

HILARY SEIBERT. B.S., 1981, medical technology, Michigan State University.

ARLENE F. SMITH, 31; East Lansing. M.S., 1975, zoology, Colorado State University; B.S., 1971, biology, University of Pittsburgh.

KEVIN SNYDER, 24; Flint. B.A., 1979, biology, Albion College. Worked as a volunteer emergency medical technician, first aid instructor.


HOWARD S. TEITELBAUM, 38; Okemos. Ph.D., Michigan State University; M.P.H., Harvard. Associate professor in the College of Osteopathic Medicine.

BARBARA TILBEN, 27; Okemos. M.S.W., 1979, social work, Western Michigan University; B.S., 1975, child development and teaching, Michigan State University. Professional counselor and sexual assault crisis worker. Volunteer for Big Brother/Big Sister program.

JOHN E. TOWER, 22; Greenville. B.S., 1980, biological science, Michigan State University. Volunteer for Big Brothers, worked as a lab research technician in carcinogenesis.
MARCIA VANDER BROEK, 24; Grand Haven. B.S., 1980, biomedical sciences, Grand Valley State Colleges; attended Saginaw Medical Center School of Medical Technology. Worked as a certified medical technologist.

RUTH WALKOTTEN, 38; Lansing. M.A., 1980, rehabilitation, Michigan State University; B.A., 1976, psychology, Aquinas College; R.N., 1963, Beldgett Memorial Hospital. Worked as a registered nurse, a radiology lab technician, a psychiatric nurse, a counselor and social worker, and in a cardiac rehabilitation program.

BETHANY ANN WALLACE, 24; Bay City. B.S., 1979, microbiology, University of Michigan; attended Delta College. Worked two years as a histocompatibility technologist.

JAMES J. WALLACE, 27; Lansing. B.S., 1975, criminal justice, Northern Michigan University.

PETER WALSH, 21; Saginaw. Attended Alma College.

BARBARA WALTERS-SCHERRER, 29; Okemos. B.A., 1980, humanistic studies, Wayne State University. Worked in the Oakland County resident home program.

THOMAS LEE WATKINS, 23; Perry. B.S., 1980, biology/chemistry, Calvin College. Worked as a cast technician in the emergency room.

THERESA ANN WEILAND, 22; Vulcan. B.S., 1981, nutrition, University of Michigan. Worked in a day care center for infants and toddlers.

MARTIN WEITZEL, 22; Harrison. Majored in zoology at Michigan State University and Michigan Technological University. A licensed emergency medical technician and volunteer orderly.


DENICE M. WHITE, 26; Haslett. B.S., 1981, zoology, Michigan State University. Worked as a student nurse and as a secretary.

RICHARD H. WILKINS, 28; Lansing. B.S., 1978, physician's assistant, Western Michigan University; BA., 1976, biology, State University of New York at Buffalo. Worked as a physician's assistant in family medicine, and in surgery.

SUNITA YEDAVALLY, 23; Madison Heights. B.S., 1979, biology, Wayne State University; did graduate work in biophysics. Worked as a lab assistant in physiology; and was a pharmacy technician.

JOYCE YEGHIISSIAN, 22; Birmingham. B.S., 1981, physiology, Michigan State University. Volunteer at Lansing General and Ingham Medical Center. Student coordinator of pediatrics at Ingham Medical Center.

CATHERINE S. ZIMMERMAN, 23; Jackson. B.S., 1980, microbiology, Michigan State University. Worked researching DNA.

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Health for the Whole Person
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.

SEMINAR SERIES: MUSCULOSKELETAL PAIN

A series of five seminars on "Office Management of Chronic Musculoskeletal Pain" will be held October 1981 through July 1982 by the MSU College of Osteopathic Medicine, College of Human Medicine, and the Pain Research and Control Institute, Southfield Rehabilitation Center.

Each presentation, approved for three hours of Category I CME credit, will be made twice, once at the Institute and once at MSU's Clinical Center. The schedule includes:

<table>
<thead>
<tr>
<th>Topic</th>
<th>Pain Institute</th>
<th>Clinical Center</th>
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<tbody>
<tr>
<td>&quot;Anatomic and Physiologic Mechanisms of the Back&quot;</td>
<td>October 10</td>
<td>October 24</td>
</tr>
<tr>
<td>&quot;Office Diagnostic Procedures for Back Pain&quot;</td>
<td>December 5</td>
<td>January 9</td>
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<td>&quot;Office Treatment of Back Pain: Pharmacologic and Anesthetic Agents&quot;</td>
<td>February 6</td>
<td>February 27</td>
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<tr>
<td>&quot;Office Treatment of Back Pain: Physical Modalities and Manipulative Techniques&quot;</td>
<td>April 17</td>
<td>May 1</td>
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<tr>
<td>&quot;Psychogenic Pain&quot;</td>
<td>June 12</td>
<td>July 17</td>
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Topics for the first lecture include functional anatomy of the spine, pain as a manifestation of abnormal spinal function, and degenerative osteoarthritis/disc disease. Faculty include Philip E. Greenman, D.O., associate dean, MSU-COM; Claude Oster, D.O., medical director, and Kevin Brown, D.O., associate physiatrist, Pain Research and Control Institute.

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MYOFASCIAL RELEASE TUTORIAL OCTOBER 2 - 4

An intensive three-day course on the fundamentals of myofascial therapy will be held at MSU's Kellogg Center October 2 - 4. Designed for the development of both basic and advanced palpatory and manipulative skills, the program includes lectures, demonstrations, and much small group practice.

Faculty include Anthony Chila, D.O. of the Ohio College of Osteopathic Medicine; John Peckham, D.O., of the Texas College of Osteopathic Medicine; and Robert C. Ward, D.O., of the MSU College of Osteopathic Medicine.

Enrollment is limited to 30. The course has been approved for 24 hours of Category I CME credit for both D.O.s and M.D.s.
1982 SEMINAR IN THE SUN: CANCUN

Building on the success of its first "seminar in the sun" in St. Thomas, the College of Osteopathic Medicine Alumni Association is organizing a trip to Cancun for February 27 - March 8, 1982. The trip is open to any interested person.

An island off Mexico's Yucatan Peninsula, Cancun offers the vacationer the intrigue of modern resorts adjacent to ancient and mysterious Mayan ruins. The trip will include 20 hours of Category I continuing medical education.

The travel package includes round trip airfare from Detroit 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, the services of a travel representative. Substantial reductions are available if the condominium is shared by more than two persons, and children are offered a reduced rate. There is an added fee for the CME program.

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TUTORIAL ON CRANIOSACRAL TECHNIQUE; OCTOBER 26-30

A five-day continuing medical education course on manual medicine techniques for the craniosacral system will be taught October 26-30 at the MSU Kellogg Center. The program, which is approved for 40 hours Category I CME credit for both D.O.s and M.D.s, is sponsored by MSU's College of Osteopathic Medicine and College of Human Medicine.

Faculty include Richard C. MacDonald, D.O., of Waterville, Maine, a past president of the American Academy of Osteopathy; John R. Peckham, D.O., associate professor of the Department of Sports Medicine and Rehabilitation, Texas College Osteopathic Medicine; and John E. Upledger, D.O., professor of biomechanics at MSU-COM.

Students will be taught to become aware of subtle stimuli which can be felt by the hands, the clinical interpretation of findings, and touching techniques which can be used in both therapy and improvement of general health.

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COMMUNITY HEALTH SCIENCES SELECTIVES

Two selectives — one in geriatric medicine, and a clinical health education clerkship — will be offered fall term by the Department of Community Health Sciences. For information on either, contact Joseph Papsidero, Ph.D., B415 W. Fee Hall; 517/353-3200.

"Geriatric Medicine and Long-Term Care" (CMS 610), under the coordination of Sister Mary Honora Kroger, R.S.M., is a clerkship offered in several Michigan communities — including Detroit, Flint, Grand Rapids, Traverse City and Lansing. It includes care of institutionalized and non-institutionalized elderly patients and the personal, social and community factors which affect them. The clerkship will be available for the next four terms, for varied credit of two to 12 hours. A prerequisite is completion of two years of medical school.

"The Clinical Health Education Clerkship" (CMS 619) is a three-week rotation for MSU-COM students who wish to improve skills in patient and family education. Objective of the rotation is improvement of skills in patient and family education. Location will be a health care setting in the medical student's assigned community.

Ronald C. Simons, M.D., professor of psychiatry and adjunct professor of anthropology, was an invited speaker at a CME conference on "Cultural Issues in Mental Health and Primary Care," held June 19-20 at the University of New Mexico in Albuquerque. He was also recently appointed to the Committee on Transcultural Psychiatry of the American Association for Social Psychiatry, and to the Committee on the Integration of Foreign Medical Graduates of the Michigan Psychiatric Society. He has been awarded a $8,000 grant from the MSU College of Human Medicine to complete work on the film, "Latah, the Cultural Elaboration of a Reflex."


Alan E. Zloto, D.O., 1977 alumnus, and his bride Deborah Pacholski Zloto, have moved to Seattle, Washington, where he will practice internal medicine.

Teddi M. Rinker, D.O., 1978 alumna, will begin a child psychiatry fellowship at Langley Porter Institute, University of California at San Francisco, on October 1. She also discussed "Tourette Syndrome — A Sensory Dysfunction?" at the Michigan chapter of the Tourette's Association on September 11.

Elie D. Aboulafia, M.D., associate clinical professor of surgery from Southfield, has been elected secretary of the Southeastern Surgical Society. Dr. Aboulafia was also program chairman for the eighth regional meeting of the International College of Surgeons held in Detroit August 19-22.

John E. Thornburg, D.O., Ph.D., assistant professor of pharmacology and toxicology and of family medicine, presented a poster at the annual meeting of the American Society for Experimental Pharmacology and Therapeutics, held recently in Calgary, Alberta, Canada. Title of the presentation was "Failure of Selective Rat Brain Lesions to Alter Specific Binding of "H-imipramine and "H-desipramine."

Elissa L. Gatlin, Ph.D., assistant director of admissions, will evaluate proposals related to minority programs and communication development and disorders for the National Science Foundation.

James R. Yarnal, D.O., assistant professor of internal medicine, was the coauthor (with Joseph A. Golish and Frits van der Kuyp) of "Laryngeal Tuberculosis Presenting as Carcinoma," published in the Archives of Otolaryngology 107:503-505, August 1981.