ON THE COVER

Osteopathic medical student Russell Peterson examines an adolescent patient under the supervision of Lloyd Schneiderman, D.O., professor of pediatrics, in a unique clinic for children who are wards of the Probate Court. The clinic recently received an award from the National Association of Counties.

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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, MI, 48824; telephone 517/353-0820. Members of the Editorial Advisory Committee include David Marler, Ph.D.; Francis A. Bernier, Ph.D.; Gordon C. Spink, D.O., Ph.D.; Nancy M. Houston, B.A. (Editor); Patricia Grauer, M.A. (Managing Editor). Circulation manager is Carol Howland. Production manager is Beth Stephens. Photography by Richard Wesley. Date of next issue will be November 19, 1979. Copy deadline for next issue is Thursday, November 8, 1979.
MONDAY, DECEMBER 10, 1979


WEDNESDAY, DECEMBER 12, 1979

6:30 p.m. Urology series: "Urethral Carcinoma" by Ronald W. Wadle, D.O., assistant clinical professor of osteopathic medicine; Michael I. Opipari, D.O., associate clinical professor of osteopathic medicine; and J. Edmund Pontis, M.D., associate professor, Department of Urology, Wayne State University. Michigan Center for Continuing Education in Osteopathic Medicine, 900 Auburn Road, Pontiac; 313/335-7742.

MONDAY, DECEMBER 24, 1979


MONDAY, DECEMBER 31, 1979

New Year's holiday recess. Through January 1.

WEDNESDAY, JANUARY 2, 1979

Registration of students. Through January 3.

FRIDAY, JANUARY 4, 1979

Classes begin for winter term.

TUESDAY, JANUARY 22, 1979

8:15 a.m. Faculty Development Program: "Workshop on Management Skills" by Richard Lewis, dean, MSU College of Business. Until noon. For information, contact Sharon Rochon, 517/355-9611. E2 Fee Hall.

WEDNESDAY, JANUARY 23, 1979

8:15 a.m. Faculty Development Program: "Workshop on Management Skills, by Richard Lewis, dean, MSU College of Business. Until noon. For information, contact Sharon Rochon, 517/355-9611. E2 Fee Hall.

The next "Communique" calendar will begin Friday, November 16. Deadline for inclusion of material is Thursday, November 8. Contact Health and Medicine Information, A314 E. Fee Hall, 353-0820.
FRIDAY, NOVEMBER 2, 1979

8 a.m. "Legal and Ethical Aspects of Treatment for the Critically and Terminally Ill Patient" sponsored by the American Society of Law and Medicine, and numerous legal and medical societies. For information contact the Society at 617/262-4990. Detroit Plaza Hotel, Renaissance Center, Detroit.

SATURDAY, NOVEMBER 3, 1979

8 a.m. "Nephrology Update 1979" Gary L. Slick, D.O., is program chairman. Six and one-half CME credits have been requested. For information contact Duane M. Tester, Michigan Center for Continuing Education in Osteopathic Medicine, 900 Auburn Road, Pontiac; 313/335-7742.

MONDAY, NOVEMBER 5, 1979

11:30 a.m. "NMR and Deuterium Exchange Studies of Mutagen Nucleic Acid Complexes in Solution" by Neville R. Kallenbach, Department of Biology, University of Pennsylvania. 101 Biochemistry.

TUESDAY, NOVEMBER 6, 1979

3 p.m. "The Philosophical Basis of the Insanity Defense" by I. Grams, University of North Carolina at Asheville. Sponsored by the Departments of Psychiatry and Philosophy, the Medical Humanities Program, and the School of Criminal Justice. Until 5 p.m.

4 p.m. Pharmacology and Toxicology seminar: "Mechanisms of Lipid Peroxidation" by Steven Aust, Ph.D., professor of biochemistry, MSU. B448 Life Sciences.

4 p.m. Microbiology and Public Health seminar: "Yeast Histone Genes: Simple Genes in a Simple Organism" by Lynna Herford, Rosenstiel Basic Medical Science Research Center, Brandeis University. (jointly sponsored with Genetics Program). 146 Giltnar.

THURSDAY, NOVEMBER 8, 1979

4 p.m. Microbiology and Public Health seminar: "Ribosomal Protein Genes" by Michael Rosbash, Rosenstiel Basic Medical Science Research Center, Brandeis University. (jointly sponsored with Genetics Program). 103 Anthony.

MONDAY, NOVEMBER 12, 1979

11:30 a.m. Biochemistry seminar: "Studies on Crystalline Aspartate Aminotransferase" by David E. Metzler, Departments of Biochemistry and Biophysics, Iowa State University. 101 Biochemistry.
12 p.m. "Overview of the Biomedical Program Established during the Lunar Mission and Implications for Clinical Problem Solving," by Charles Ross, D.O., of Shell Oil Corporation. Ross was formerly the flight recovery surgeon for all lunar missions and designed the biomedical program for the space station for the National Aeronautics and Space Administration.

3:30 p.m. Dean's seminar: "Need in College Curriculum Preventive Medicine as it Relates to Occupational Issues" by Charles Ross, D.O., Shell Oil Corporation, formerly of NASA. Until 5 p.m.

TUESDAY, NOVEMBER 13, 1979

4 p.m. Microbiology and Public Health seminar: Topic to be announced. Magdelene So, Department of Biochemistry, University of California, San Francisco. 146 Giltner.

4 p.m. Pharmacology and Toxicology seminar: Topic to be announced. Lawrence J. Marnett, Department of Chemistry, Wayne State University. B448 Life Sciences.

WEDNESDAY, NOVEMBER 14, 1979

8:15 a.m. Faculty Development Program: "Clinical Teaching Skills — Part I" by John Casbergue, Ph.D., associate professor, Office of Medical Education Research and Development. Until noon. For information, contact Sharon Rochon, 517/355-9611. E2 Fee Hall.

THURSDAY, NOVEMBER 15, 1979

8:15 a.m. Faculty Development Program: "Clinical Teaching Skills — Part II" by John Casbergue, Ph.D. E2 Fee Hall

12 p.m. Microbiology and Public Health seminar: Topic to be announced. Fred Heffron, Department of Biochemistry, University of California, San Francisco. 146 Giltner.

SUNDAY, NOVEMBER 18, 1979


MONDAY, NOVEMBER 19, 1979

7 p.m. "Lifestyle and Cardiovascular Disease" by Robert C. Ward, D.O., professor, Office of Medical Education Research and Development and family medicine. Sponsored by Undergraduate American Academy of Osteopathy. E109 Fee Hall.

TUESDAY, NOVEMBER 20, 1979

11:30 a.m. Faculty Development Program: "Methods of Evaluation" by Norman Bell, Ph.D., director, instructional management system, Office of the Dean. Until 1 p.m. For information, contact Sharon Rochon, 517/355-9611. E2 Fee Hall.
4 p.m.  Pharmacology and Toxicology seminar: "Pharmacological Studies of Beta Adrenergic Receptors" by Carl Buckner, School of Pharmacy, University of Wisconsin. B448 Life Sciences.

4 p.m.  Microbiology and Public Health seminar: "A Computer Graphic Approach to Evaluation of Protein Surface Used in Study of Serine Proteases" by David H. Bing, Center for Blood Research, Boston. 146 Giltner.

THURSDAY, NOVEMBER 22, 1979

Thanksgiving recess. Through November 25.

TUESDAY, NOVEMBER 27, 1979

11:30 a.m.  Faculty Development Program: "Committee Leadership" by John Fry, Ph.D., assistant professor, Learning and Evaluation Services. For information, contact Sharon Rochon, 517/355-9611. E2 Fee Hall.

4 p.m.  Pharmacology and Toxicology seminar: Topic to be announced. Gerald Kelliher, Departments of Pharmacology and Medicine, Medical College of Pennsylvania. B448 Life Sciences.

FRIDAY, NOVEMBER 30, 1979

11 a.m.  Meeting of Unit III (Student) Center Representatives. Until 12:30 p.m. Lunch provided. Michigan Center for Continuing Education in Osteopathic Medicine, 900 Auburn Road, Pontiac.

SATURDAY, DECEMBER 1, 1979

University commencement exercises.

MONDAY, DECEMBER 3, 1979

Final examinations for fall term. Through December 7.

11:30 a.m.  Faculty Development Program: "Grants Workshop" by Myron S. Magen, D.O., dean of the College of Osteopathic Medicine, and Norman Bell, Ph.D., director, instructional management system, Office of the Dean. Until 1:30 p.m. For information, contact Sharon Rochon, 517/355-9611

TUESDAY, DECEMBER 4, 1979

3:30 p.m.  Dean's seminar: "Overview of the Budget Process" by Roger Wilkinson, vice president for business and finance, MSU. Until 5 p.m.
MSU-COM PROBATE COURT CLINIC
WINS NATIONAL AWARD FOR SERVICE

A unique clinic staffed by pediatricians from the MSU College of Osteopathic Medicine has won the U.S.A. Achievement Award of the National Association of Counties.

The clinic, part of Child Health Services of the Ingham County Health Department, serves some 500 children who are wards of the Ingham County Probate Court.

The cooperative effort of the MSU Department of Pediatrics, the health department and the court provides greater economy, efficiency, and continuity of health care, according to Deanna Kramp, R.N., clinic coordinator.

"Our physicians are available to these children 24 hours a day, seven days a week," said Bernard Kay, D.O., chairman of the Department of Pediatrics.

"MSU is responsive to the needs of the community," he said, "and this award is testament to the uniqueness of the ability of agencies to cooperate to give health care to an underserved population."

Workers at the clinic stress preventive care, and counsel children and their families on maintaining good health and normal growth and development.

MSU physicians working at the clinic are Dr. Kay, Kenneth Mahoney, Lloyd Schneiderman, and Kenneth Stringer.

Nutritional counseling is an important aspect of patient education at Child Health Services

Conferring are (L to R) Lloyd Schneiderman, D.O., and students Russell Peterson and Glenn Ekblad.
100 ATTEND MSU-COM OPEN HOUSE
SPONSORED BY OFFICE OF ADMISSIONS

More than 100 persons attended the October 17 open house held at the College of Osteopathic Medicine by the Office of Admissions.

The guests, primarily premedical students and advisors, received a description of the College program by Frank Bernier, Ph.D., director of admissions.

Tours of the College — including classrooms, the gross anatomy, pathology, microbiology, osteopathic manipulative therapy and simulation laboratories — were conducted by MSU-COM students. Leading the tours, which were designed to maximize interaction between the osteopathic students and the prospective students, were Ross Van Antwerp, Anthony Ognjan, Phyllis Popp-Woodard, Eric Rose, Steven DalPra, Gary Doublestein, John Gillespie, Charlene Green, Catherine Kroll, Amy Harbert, Theresa Hom, Scott Kaatz and James McQuiston.

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MYERS-BRIGGS PROGRAM TO BE REPEATED

Nearly 40 faculty and staff of the College of Osteopathic Medicine attended a Faculty Development Program featuring the Myers-Briggs Indicator Test, presented by Charles Laughlin, assistant dean of the College of Agriculture and Natural Resources, and Harold Prince, assistant chairman of the Department of Fisheries and Wildlife.

The test, which measures the ways in which persons prefer to look at events and to make decisions, has been used successfully to determine leadership styles and to understand relationship between persons. Preference strengths are measured along continuums of extraversion/introversion, sensing/intuition, thinking/feeling, and judging/perceptive.

All participants had taken the test prior to the presentation, and were offered interpretation of the data during the session. The Myers-Briggs program will be repeated in the near future, said Celia Guro, Ph.D., director of the College's Faculty Development Programs, and will be open to any interested faculty or staff person.

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UNIT III NEWS AND INFORMATION

The Department of Pathology at Edward W. Sparrow Hospital, Lansing, is offering elective clerkships to acquaint the medical student with the type of work and responsibilities of pathologists in a community hospital.

The four-week program in general pathology includes exposure to both anatomic and clinical pathology, as well as the subspecialties of pediatric pathology, forensic pathology, surgical pathology, immunopathology and hematopathology. Individualized programs tailored to the students' interests may be arranged.

The clerkship is under the direction of John J. Gillespie, M.D. For more information, students should contact the MSU-COM Unit III office, 517-353-8823.
HEALTH CARE IN CHINA FOCUS
OF DEAN'S SEMINAR

Despite the successes of its "barefoot doctors," very few of the great improvements in the health of the people of China may be attributed to health care services, according to a recent speaker at the Michigan State University College of Osteopathic Medicine.

Instead, the life expectancy there has doubled since the revolution because of better food, housing, clothing and social conditions, said Victor Sidell, M.D., who is chairman of the Department of Social Medicine at Montefiore Hospital, Bronx, New York, and chairman of the Department of Community Health at Albert Einstein College of Medicine.

Sidell spoke on China as part of a dean's seminar for the College, and also made a presentation on "A Decade of Social Medicine" for MSU's Department of Community Health Science.

Sidell drew some stark comparisons in lifestyle between the United States and China, which are similar in total land area and latitude. China's population, only 20% of which is urban, is now 960 million people. The U.S., 73% of which is urban, has 220 million people. In 1977, the U.S. had a per capita gross national product of $8,640, while China's was $410. There are two persons for every private automobile in the United States, and 20,000 persons per private car in China. The ratio of passenger cars to commercial vehicles in the U.S. is 4 to 1, in China it is 1 to 30.

Yet despite its poverty, its lack of machine power, its enormous population and the density of population in its cities (four times that of the U.S.) China's infant mortality in 1972 in Shanghai was only one-third of that of New York's nonwhite population, Sidell said.

Saying that simple observation in China show "a country full of healthy people," Sidell outlined some of the principles of Chinese health systems:
- provision of services to those who had had the least
- decentralization of decision-making and service
- mass participation
- recruitment of indigenous workers
- emphasis on preventive medicine
- integration of traditional and modern medicine
- democratization of the system
- stress on "serving the people."

In the cities and in the countryside, communities and communes are organized to provide medical and social services at different population levels, Sidell said. For example, cities are organized into "neighborhoods" of 50,000 persons, each of which has a hospital, down to "groups" of 100 persons with a health care worker.

China's "lane doctors" in the cities have an initial training period of two weeks and practice largely preventive medicine. The communal "barefoot doctors" have initial training periods of three to six months, with continuing education throughout their careers. Barefoot doctors practice a combination of western and traditional medicine, including major surgery. Yet they remain also a part of the agricultural work force in addition to their medical duties, Sidell said.

Sidell stressed that China is now facing an upheaval with more emphasis on industry, technology, and some "westernization" of their culture. Problems in administration of health care will include maintaining the medical and social service organizations in light of changing lifestyles.

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J. Justin McCormick, Ph.D., associate professor and co-director of the Carcinogenesis Laboratory, was an invited speaker for the Symposium on Cellular Responses to Mutagens and Carcinogens, sponsored by the British Society for Cell Biology and United Kingdom Environmental Mutagen Society, University of Sussex, Brighton, England, September 10-13. He also spoke August 23-25 at a symposium on short-term tests for chemical carcinogens at the British Columbia Cancer Center Environmental Carcinogenesis Unit in Vancouver.

James N. Riley, Ph.D., assistant professor of anthropology, presented a paper on "Thai Manipulative Medicine as Represented in the Wat Pho Epigraphies" at the first International Conference on Traditional Asian Medicine in Canberra, Australia, held at Australian National University, September 2-7.

John Casbergue, Ph.D., associate professor in the Office of Medical Education Research and Development, served as visiting professor for faculty of several medical schools of the University of London during June 1979. Topics included small group instruction, the role of faculty development in clinical teaching and evaluation, and teaching psychomotor skills. He also served as a faculty member in a clinic in organizational development, held in Indianapolis August 3-5.

Robert Martin, M.S., third-year osteopathic medical student and an extern at Pontiac Osteopathic Hospital, and John Martin, B.S., first-year osteopathic student, co-authored "The Effects of Exercise Intensity on Food Consumption in Male Rat." The article was published in the July 1979 issue of the American Journal of Clinical Nutrition.

Teresa Bernardez, M.D., professor of psychiatry, and Terry Stein, M.D., associate professor of psychiatry, are coauthors of an article published in the International Journal of Group Psychotherapy, International University Press, 29:4; 493-502, 1979. Title of the article is "Separating the Sexes in Group Therapy: An Experiment with Men's and Women's Groups."

David Jadwin, B.S., second-year osteopathic medical student, is completing a Michigan Heart Association Medical Student Summer Research Fellowship. He is investigating PMN leucocyte response to f-Met-Phe chemoattractant in whole blood.

Arthur S. Elstein, Ph.D., professor in the Office of Medical Education Research and Development, presented a paper coauthored with John C. Peirce, M.D., of St. Mary's Hospital, Grand Rapids, on "Changing Preferences for Treatment of End Stage Renal Disease" at the September 11-13 meeting of the Society for Medical Decision Making in Cincinnati. Dr. Elstein has also been elected to the board of directors of the Society.

Douglas J. Wigton, D.O., a 1973 osteopathic alumnus, has begun a family practice at 530 S. Union, Traverse City, after seven years of service with the U.S. Navy. He has been certified by the American Academy of Family Practice, and is a member of Traverse Osteopathic Emergency Specialists.

Ronald C. Simons, M.D., professor of psychiatry and adjunct professor of anthropology, was an invited speaker at the initial meeting of the Society for the Study of Culture and Psychiatry, held at the Krishein Retreat Center, Philadelphia, September 18-19. Dr. Simons discussed his work on culturally determined non-response to painful stimuli and on cultural elaborations of the startle response.
Elianne Riska, Ph.D., assistant professor of community health science and sociology, presented a paper on "Pluralistic Medicine in 19th-century American Society" at the tenth Nordic Congress of Sociology in Abo, Finland, in August. She also presented a paper on "The Rise of Family Medicine" at the 14th annual meeting of the American Sociological Association in Boston, and was organizer and chairperson of a session on "Politics of Self-care" at the 29th annual meeting of the Society for the Study of Social Problems in Boston.

Michael Opipari, D.O., clinical associate professor of oncology in the Department of Osteopathic Medicine, from Detroit, was coauthor (with John Lanesky D.O., and Michael McKenzie, D.O.) of "Multiple Primary Prostate Cancer" in the June 1979 issue of Urology 13:6, 667-71.

Chester C. Suske, D.O., associate clinical professor of family medicine from Fairfield, Maine, was elected the president of the Maine Osteopathic Association at its annual meeting in Rockland in June. He also has been elected secretary/treasurer of the New England General Practice Society (of the New England College of General Practitioners) at the New England Osteopathic Assembly at Sturbridge, Massachusetts, in September. Dr. Suske has been the founding president of that divisional society.

Dr. Suske has also been named clinical editor of the New England Journal of Osteopathic Medicine.

John P. Popovec, a 1975 alumnus, has completed his residency training and is beginning an association with Dana P. Arneman, D.O., and Ned A. Underwood, D.O., for the practice of internal medicine at Youngstown Osteopathic Hospital, Youngstown, Ohio.

Deborah Jo LeVan, D.O., 1976 alumna, has been elected chief resident of Detroit Osteopathic - Bicounty Community Hospitals for the 1979-1980 year.

Mark A. Sloane, D.O., 1979 alumnus and an intern at Normandy Osteopathic Hospital, St. Louis, Missouri, was married to Michelle Margaris, June 17 in Havre, Montana.

John Schneider, Ph.D., associate professor of psychiatry, presented lectures on "Psychological Stress and Disease" and "Biological and Emotional Aspects of Grief" at the Kirksville College of Osteopathic Medicine, September 20-21.

Robert H. Heflich, Ph.D., research associate in the Carcinogenesis Laboratory, has had a paper accepted by Chemical Biological Interactions on "A Comparison of the DNA Binding, Cytotoxicity and Repair Synthesis Induced in Human Fibroblasts by Reactive Derivatives of Aromatic Amide Carcinogens." He also is the author of "Removal of Thymine-Containing Pyrimidine Dimers from UV-light Irradiated DNA by S1 Endonuclease, "published in Photochemistry and Photobiology 30:247-250, 1979.

J. William Levinson, Ph.D., research associate in the Carcinogenesis Laboratory, is the author of "Correlation Among the Rates of Dimer Excision, DNA Repair Replication, and Recovery of Human Cells from Potentially Lethal Damage Induced by Ultraviolet Radiation," accepted for publication in Biophysical Journal 28, 1979.

Ann E. Aust, Ph.D., postdoctoral fellow in the Carcinogenesis Laboratory, presented a paper entitled "Human Cell-Mediated Cytotoxicity in Human Skin Fibroblasts by Carcinogenic Polyzyeolic Hydrocarbons" at the fourth International Symposium on Polynuclear Aromatic Hydrocarbons. The meeting was held October 2-4 in Columbus, Ohio at Battelle's Columbus Laboratories.
The following medically-related gifts and grants were among those accepted by the Michigan State University Board of Trustees at its meeting October 26.

**Anatomy**

- National Cancer Institute
  - Teratogenicity of transplacental DES in mice/ B. E. Walker

- American Osteopathic Association
  - Research on kinematic and myoelectric analysis of symmetric and asymmetric cervical function/ J. Vorro

**Anthropology**

- National Institute of Mental Health
  - Medical anthropology traineeship program/ A. J. Rubel

**Biochemistry**

- Nutritional Research Foundation
  - Fellowship for Damon Negri/ J. L. Wang

- Midland Macromolecular Institute
  - Departmental development/ C. C. Sweeley

**Community Health Science**

- Michigan Department of Corrections
  - To train health care providers in corrections institutions/ J. A. Papsidero, T. S. Gunnings

- Ingham County Board of Social Services
  - For the services of faculty member in Community Health Science to serve as medical director for the Ingham County Medical Care Facility/ S. Katz

**Microbiology and Public Health**

- National Science Foundation
  - Application of membrane technology to industrial fermentations/ P. Gerhardt

- National Cancer Institute
  - Marek’s disease herpesvirus antigens/ L. F. Veleer

**Pathology**

- National Institutes of Health
  - Animal model center for significant human disorders/ G. A. Padgett

**Pharmacology and Toxicology**

- National Institute of Drug Abuse
  - Central actions of abused drugs: hallucinogens/ R. H. Reeh
  - Opiate receptor and cell membrane functions/ T. Akera

- National Institute of Neurological and Communicative Disorders and Stroke
  - The role of catecholamines in drug toxicity/ K. E. Moore

- Warner-Lambert Company
  - Departmental development/ T. M. Brody

**Physiology**

- National Heart, Lung and Blood Institute
  - Vascular control in experimental diabetes mellitus/ H. V. Sparks, Jr.
  - Dynamic control of coronary blood flow/ H. V. Sparks, Jr.

- National Institute on Aging
  - Institutional allowance/ R. W. Steger

**Zoology**

- National Institutes of Health
  - Regulation of urate oxidase activity in Drosophila/ T. B. Friedman

- National Institute of Child Health
  - Sex hormones and behavior/ L. G. Clemens