WILLIAM KLEIN NAMED DIRECTOR OF MSU'S OFFICE OF HEALTH SERVICE PROGRAMS

The chief of ambulatory services at Rochester General Hospital in New York, William J. Klein Jr., M.D., has been appointed director of the Office of Health Service Programs. The appointment was approved by the Michigan State University Board of Trustees September 23.

In his new post, Dr. Klein has responsibility for coordinating patient care in the MSU Clinical Center, which provides services to the general public as well as acts as a clinical setting for the educational programs of MSU's College of Osteopathic Medicine, College of Human Medicine and School of Nursing.

Dr. Klein also received MSU appointments as professor in the Department of Community Medicine and in the Office of Health Service Education and Research.

In Rochester, he served as director of the Northeast Health Center, attending physician at Rochester General Hospital, associate attending physician at Strong Memorial Hospital, and associate professor of clinical medicine at the University of Rochester.

Dr. Klein is a fellow of the American College of Physicians and a diplomate of the American Board of Internal Medicine, with a subspecialty in nephrology. He holds memberships in the American Society of Nephrology, International Society of Nephrology, American Federation for Clinical Research, American Association of Immunologists and the Transplantation Society.

A Phi Beta Kappa at the University of Cincinnati where he graduated with honors in mathematics, Dr. Klein earned his M.D. at Columbia University's College of Physicians and Surgeons.

In 1976 he was awarded a certificate in health systems management by the Harvard University Business School and School of Public Health.

Dr. Klein interned at Columbia Presbyterian Medical Center and in 1963-65 was physician to the U.S. Peace Corps in Ghana, West Africa. He was a visiting fellow in the Department of Microbiology at the College of Physicians and Surgeons and in 1967-68 was assistant resident in medicine at Duke University Medical Center.

A postdoctoral fellow of the American Cancer Society, he also was a recipient of the Mead Johnson Residency Scholarship awarded by the American College of Physicians.
DR. HUNT WILL HEAD MSU'S NEW MEDICAL HUMANITIES PROGRAM

Andrew D. Hunt, M.D., for 13 years dean of MSU's College of Human Medicine, has been appointed coordinator of medical humanities and consultant to the provost for health programs at MSU.

In his new position, approved September 23 by the MSU Board of Trustees, he will direct a formalized program in medical humanities for the College of Osteopathic Medicine, College of Human Medicine, College of Veterinary Medicine, School of Nursing and College of Arts and Letters.

The program will assist faculty and students in confronting the complex and sometimes controversial ethical questions facing today's health professions, and will focus on issues of human and public policy as they relate to health care in the United States.

Interim director of the MSU Office of Health Services since last September, Dr. Hunt, a pediatrician, also will continue to hold appointment as professor in the Department of Human Development.

Dr. Hunt, as the first dean of MSU's allopathic college, was instrumental in organizing and directing Michigan's first new medical school in more than 100 years.

Along with his MSU responsibilities, Dr. Hunt is chairing the Michigan Statewide Health Coordinating Council, and is chairman of the board of the Michigan League for Health Services. He served as League president from 1973 through 1976, and is former chairman of the State Health Planning Advisory Council.

He is a former president of the board of directors of the Michigan Association of Regional Medical Programs, and for four years was a member of the administrative board and executive council of the Association of American Medical Colleges.

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KIRKSVILLE TO PRESENT DR. KORR LIVING TRIBUTE AWARD

Irvin M. Korr, Ph.D., professor of biomechanics, will receive the Living Tribute Award at the annual Founder's Day convocation at the Kirksville College of Osteopathic Medicine on October 10.

Given annually by the Kirksville Osteopathic Alumni Association for distinguished service to the College, the tribute to Dr. Korr marks his 30-year affiliation with KCOM in which "he made outstanding contributions... as a teacher, a departmental and divisional administrator, research investigator, advisor and counselor to students, interns, residents, faculty and staff."

Dr. Korr served on the faculty of the Kirksville college from 1945 to 1975, when he joined the Department of Biomechanics at MSU.

The tribute includes a fund established in the name of each recipient for educational or research purposes chosen by the recipient. Dr. Korr's award will go to the purchase of research periodicals in the physiological sciences.

In May 1976, KCOM awarded Dr. Korr the honorary D.Sc. degree.
Thirty-five new faculty were welcomed to the MSU College of Osteopathic Medicine at an orientation program Tuesday, September 27.

The program included presentations by Myron S. Magen, D.O., dean; Philip E. Greenman, D.O., associate dean for academic affairs; Philipp Gerhardt, Ph.D., associate dean for research; Allen W. Jacobs, assistant dean for educational resources; and a slide presentation by Bruce Miles, Ph.D., associate professor in the Office of Educational Resources.

Other speakers included Norman Bell, Ph.D., director of the Faculty Development Program; Arthur Elstein, Ph.D., director of the Office of Medical Education Research and Development; Frank Bernier, Ph.D., director of admissions; Robert C. Ward, D.O., director of special projects; and Joseph Novick, administrator of the Clinical Center.

Lunch, including introduction of departmental chairpersons, directors, and the dean's staff, followed the presentations.

New faculty invited to the orientation are included below. Biographical sketches include current position in the College of Osteopathic Medicine, highest degree and awarding institution, and most recent professional experience.

Office of the Dean

Ann Aust, research associate, Carcinogenesis Laboratory. Ph.D., biochemistry, 1975, Michigan State University. Postdoctoral research associate at Kuakura Agricultural Research Centre in New Zealand and in Department of Biochemistry at MSU.

Beate Konze-Thomas, research associate, Carcinogenesis Laboratory. Dr. rer. nat., molecular genetics, 1977, Ruhr-University of Bochum, Federal Republic of Germany. Postdoctoral fellow.


Department of Biomechanics

Richard C. Hallgren, assistant professor. Ph.D., electrical engineering, and Ph.D., biomedical engineering, Iowa State University. Project engineer and design engineer for Hach Chemical Company, Ames, Iowa, working on development of spectrophotometers.

Robert P. Hubbard, assistant professor. Ph.D., theoretical and applied mechanics, 1970, University of Illinois. Senior research engineer, Research Laboratories, General Motors Corporation; work involved development of head and body models, based on anthropometric data, for use in crash testing.

Robert W. Little, professor and chairman. Ph.D., mechanics, University of Wisconsin. Former chairman of MSU's Department of Mechanical Engineering and MSU faculty member since 1965.
Department of Biomechanics (continued)

Herbert M. Reynolds, assistant professor. Ph.D., physical anthropology, 1974, Southern Methodist University. Former assistant research scientist and assistant professor, Department of Anthropology, University of Michigan Highway Safety Research Institute.

Department of Family Medicine


Margot Kurtz, specialist and coordinator of Preceptor Program. Ph.D., Michigan State University.


Department of Osteopathic Medicine


Department of Osteopathic Medicine (continued)


Department of Biochemistry


Department of Microbiology and Public Health


Felipe Kierszenbaum, associate professor. Ph.D., 1966, immunology, University of Buenos Aires. Faculty member, Department of Pathology, Yale University School of Medicine, 1975-77.

Office of Medical Education Research and Development

William A. Anderson, assistant professor, Ph.D., instructional development and technology, 1976, Michigan State University. Graduate assistant, MSU College of Education and Office of the Provost.

Steven M. Downing, specialist. M.S., special education, 1973, Indiana-Purdue University. Completing doctorate in educational psychology at MSU.

Thomas Holmes, assistant professor. Ph.D., instructional development and technology, 1976, Michigan State University. Graduate assistant, OMERAD, 1972-76.

Michael Ravitch, assistant professor. Ph.D., 1977, Stanford University. Associate of medical education and communication and assistant professor of education, University of Rochester School of Medicine and Dentistry.

Department of Pathology


Department of Pharmacology

Gregory D. Pink, assistant professor. Ph.D., 1975, Tulane University. Post-doctoral fellow, Department of Pharmacology, University of Iowa.

Department of Psychiatry


Department of Radiology


FOUR HONORED AT YMCA DIANA DINNER

Four women from the College of Osteopathic Medicine were honored September 28 at the biannual Diana Dinner sponsored by the YWCA.

Eleanor Morrison, M.A., instructor in community medicine, was one of 11 women to receive the coveted Diana Award, given to honor the leadership of women of the greater Lansing area.

Recognized for her work in the field of religion, Morrison has also made significant contributions to research and counseling in the area of human sexuality.

Lisa Lane, secretary in the Office of Educational Resources, Marilyn Lautzenheiser, secretary in the Office of the Dean, and Joyce Peckinpaugh, office supervisor for the Department of Osteopathic Medicine, received certificates of recognition at the dinner.

They were recognized as "outstanding employees exhibiting qualities of leadership, initiative and creativity while lending to morale, attitude and performance in the area of their employment."

Ruth Lezotte, Ph.D., director of curriculum planning and implementation, was one of two chairwomen for the event.

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UNIT III OFFICES NEW LOCATION

Gordon Spink, Ph.D., D.O., Unit III coordinator, and Nancy Shaffer, office assistant, have moved their offices to A317 E. Fee Hall. Their new phone number is 353-8823.
A casual coffee and organizational meeting for spouses of faculty members in the College of Osteopathic Medicine will be held from 10 a.m. to noon on Tuesday, November 1.

The event, to be held at the home of Judy Kay, 1740 Shaker Rd., Okemos, will include election of officers and presentation of the bylaws for formation of the COM Faculty Spouses.

For further information, contact Kris Jacobs, 351-2352. For directions to the coffee, call Mrs. Kay, 349-9282.

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Thirty-four osteopathic interns and others attended a program on finding, building, and financing a primary care practice, held September 23 and 24 in Troy.

The seminar, which was offered at no cost to the participants, was sponsored by the MSU College of Osteopathic Medicine, the American Association of Colleges of Osteopathic Medicine (AACOM), and the National Health Service Corps (NHSC).

Introducing the agenda was Anthony McNevin, executive director of AACOM. Presentations on building a primary care practice were given by Dr. Haywood from Baldwin, Ohio; Kenneth Viet, D.O., NHSC, Orbisonia, Pennsylvania; Charles A. Murphy, D.O., clinical associate professor of family medicine from Detroit; and Ruth Howell, D.O., clinical associate professor of family medicine from Mt. Clemens. Donald E. McBride, D.O., assistant dean for graduate and continuing medical education, was moderator.

Presentations on finding and financing the practice were made by John A. Doherty, executive vice president of the Michigan Health Council, and Hector M. Chabut, administrator of the Huron Valley Medical Center. Kenneth B. Hoganson Jr., recruiting officer from NHSC, was moderator.

Augmenting the program were community exhibits, slides of practice opportunities, and a film on practice development.

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Applications for admission to the 1978 entering class of the MSU College of Osteopathic Medicine must be postmarked by November 1 to be considered by the American Association of Colleges of Osteopathic Medicine Admissions Service (AACOMAS).

The procedure is initiated by requesting an application from AACOMAS, Suite 609, 4720 Montgomery Lane, Washington, D.C., 20014.

Detailed admissions information and materials on the MSU College of Osteopathic Medicine may be obtained from the Office of Admissions, C110 E. Fee, 353-7740.
COM students administer 1,000 physical examinations

A local student offers assistance to Carole Rizzo (center) and Victoria Swegles.

Sharon McGarrity gives a smiling description as blood pressure is taken.

A long look during an eye exam is administered by Merrilee Osborn.

"Take a deep breath," advises Kathy Petteruti.

Dr. Kay advises Dennis Lloyd on procedures to follow after encountering a potentially serious problem in a seemingly healthy high schooler.
CALENDAR FOR THE WEEK OF OCTOBER 10

MONDAY, OCTOBER 10, 1977


TUESDAY, OCTOBER 11, 1977
4 p.m.    Pharmacology seminar: J. A. Levin, Department of Pharmacology, Medical College of Ohio. "Inactivation of Norepinephrine in Vascular Tissue." B449 Life Sciences.

WEDNESDAY, OCTOBER 12, 1977
11:30 a.m. Faculty Development Program workshop: "Preparing Course Overview Materials." Includes analysis of sample overview and distribution of skeleton overview materials. Lunch provided. E2 Fee Hall.


6:30 p.m.  CME seminar: "The Nursing Home Patient." Michigan Center for Continuing Education in Osteopathic Medicine, 900 Auburn Rd., Pontiac, 313-335-7742.

THURSDAY, OCTOBER 13, 1977

7:30 p.m.  CME seminar: "Tachyarrhythmias and Bradyarrhythmias." MCCEOM, Pontiac, 313-335-7742.

SATURDAY, OCTOBER 15, 1977
8 a.m.     CME seminar: "Edema Forming States." MCCEOM, Pontiac, 313-335-7742.

SUNDAY, OCTOBER 16, 1977
8 a.m.     CME seminar: "Pediatric Update." MCCEOM, Pontiac, 313-335-7742.

MONDAY, OCTOBER 17, 1977


4 p.m. Physiology seminar: C. Y. Wang, Mathematics and Physiology, MSU. "Pressure Flow Relationship of Collapsible Vessels." 146 Giltner.

TUESDAY, OCTOBER 18, 1977

11:30 a.m. Faculty Development Program workshop: "Q & D Lecture Method." Includes basic lecture elements, and production of instructional materials and evaluation instruments. Lunch provided. E2 Fee Hall.

12:15 p.m. Council of Affiliated Hospitals meeting and luncheon. University Club.

4 p.m. Pharmacology seminar: G. D. Fink, Department of Pharmacology, MSU. "Renal Innervation in Hypertension." B449 Life Sciences.

THURSDAY, OCTOBER 20, 1977


7:30 p.m. Medical Humanities Seminar: Bruce Miller, Department of Philosophy, MSU. 105 A & B Kellogg Center.

7:30 p.m. Electrocardiography Series: "Miscellaneous Conditions." Michigan Center for Continuing Education in Osteopathic Medicine, 900 Auburn Rd., Pontiac, 313-335-7742.

SUNDAY, OCTOBER 23, 1977

8 a.m. CME seminar: "Selected Problems of the Neuromusculoskeletal System." Michigan Center for Continuing Education in Osteopathic Medicine.

Football season arrived in July for some 100 third-year medical students in MSU's College of Osteopathic Medicine. The COM students gave physical examinations to nearly 1,000 junior high and high school athletes in five mid-Michigan communities -- Ovid, Elsie, Bath, Dansville, and Corunna. The physicals were supervised by Bernard M. Kay, D.O., professor of pediatrics, Department of Osteopathic Medicine. Results of the examinations were shared with Richard W. Redfearn, Ph.D., assistant professor of osteopathic medicine, for his continuing research in athletic medicine.

Instructions and directions of appropriate record-keeping of physical examination results are dispensed to College of Osteopathic Medicine students gathered in the Ovid-Elsie High School gymnasium by Dr. Bernard M. Kay (left) and Dr. Richard Redfearn (second from left). Students are Kathy Petteruti, Craig Bradley, Bruce Hirshman, Merrilee Osborn, Dennis Lloyd and Sharon McGarrity.
CONTINUING MEDICAL EDUCATION PROGRAMS FOR OCTOBER 12 – 23

The following continuing medical education programs are held at the Michigan Center for Continuing Education in Osteopathic Medicine, 900 Auburn Rd., Pontiac, unless otherwise specified. For further information, call 313-335-7742.

Nursing Home Patient
Wednesday, October 12 - 6:30 to 9:30 p.m. - 2½ hours CME credit
Introduction to nursing home patient, symptomatology and treatment of chronic brain syndrome, panel discussion.
Edward C. Blumberg, D.O., Oak Hill Nursing Home and Livingston Care Center
George W. Kantzler, D.O., Alcoholism Unit, Detroit Osteopathic Hospital

Tachyarrhythmias and Bradyarrhythmias
Thursday, October 13 - 7:30 to 9:30 p.m. - 2 hours CME credit
James L. Beck, D.O., Detroit Osteopathic Hospital; clinical assistant professor of osteopathic medicine, MSU-COM

Edema Forming States
Saturday, October 15 - 8 a.m. to 3:45 p.m. - 6 hours CME credit
Pathophysiology, diuretics use and abuse, ascites and edema in liver disease, congestive heart failure, cylical edema in women, nephrotic syndrome, renal failure.
Michael Beiderman, D.O., gastroenterologist, Botsford/Zieger Hospitals
Michael T. Keefe, D.O., Detroit Osteopathic Hospital
Anthony J. Malcoun, D.O., Detroit Osteopathic Hospital; clinical associate professor of osteopathic medicine, MSU-COM
Stephen D. Migdal, M.D., Wayne State University School of Medicine
Gary L. Slick, D.O., Detroit Osteopathic Hospital; clinical assistant professor of osteopathic medicine, MSU-COM
William H. Smiley III, D.O., associate clinical professor of osteopathic medicine, MSU-COM

Pediatric Update
Sunday, October 16 - 8 a.m. to 5 p.m. - Midway Motor Lodge, Grand Rapids - 7½ hours of CME credit
Common neurological problems, first year of life, gastrointestinal problems, case presentations, Reyes' syndrome, urinary tract infections, urological approach to pediatric patients, hearing impaired child, use of antibiotics.
James M. Carl, D.O., Grand Rapids Osteopathic Hospital, assistant clinical professor of osteopathic medicine, MSU-COM
Larry Fleishman, M.D., Wayne State University, Children's Hospital of Michigan
Dwain L. Harper, D.O., Ohio University College of Osteopathic Medicine
Benny Kerzner, M.D., Columbus Children's Hospital
Stanford L. Kunkle, D.O., Board of Examiners, Otolaryngology and Ophthalmology
Michael A. Nigro, D.O., Muscular Dystrophy Association; clinical associate professor of osteopathic medicine, MSU-COM.
Thomas F. Santucci, D.O., professor of osteopathic medicine, MSU-COM
Michael Stahl, M.A., audiology
CONTINUING MEDICAL EDUCATION Continuation

Miscellaneous Conditions - Electrocardiography

Thursday, October 20 - 7:30 to 9:30 p.m. - 2 hours CME credit
James L. Beck, D.O.
William R. Back, D.O., Detroit Osteopathic and Bi-County Community Hospitals; clinical assistant professor of osteopathic medicine, MSU-COM

Problems of the Neuromusculoskeletal System

Sunday, October 23 - 8 a.m. to 4:15 p.m. - 7 hours CME credit
Traditional acupuncture, craniosacral OMT, muscle energy techniques, structural diagnosis, kinesiology, extremity techniques, soft tissue techniques, thrust techniques, auriculo-therapy.

John E. Upledger, D.O., associate professor of biomechanics, MSU-COM
Fred L. Mitchell Jr., D.O., professor of biomechanics, MSU
Robert C. Ward, D.O., professor, Office of Medical Education Research and Development and director of special projects, MSU-COM
Andrew Berry, D.O., associate professor of biomechanics, MSU-COM
Paul Parente, D.O., assistant clinical professor of family medicine, MSU-COM

PROFILE: 1977 ENTERING CLASS

The 34 women and 76 men who enrolled in the MSU College of Osteopathic Medicine this summer constituted the largest entering class in the College's history.

Highest degrees of the class included 78 baccalaureates, 24 masters, and five doctorates, with majors that ranged from animal husbandry and art to religion and zoology. Thirty-two of the entering class has majors in biology, nine in psychology, and six each in chemistry, chemistry/biology, and zoology.

Thirty-two attended MSU, twelve the University of Michigan, ten Wayne State University, and four the University of Detroit. Michigan schools represented by three or less persons included Albion, Alma, Aquinas, Calvin, Hillsdale, Marygrove, and Olivet colleges, and Central Michigan, Eastern Michigan, Ferris State, Northern Michigan, Oakland, and Western Michigan universities.

Out-of-state institutions included Cornell, Stanford, the University of California, Temple, SUNY, and the University of Illinois.

The class, with an age range of 20 to 37 years, includes eight Blacks, two Indians, seven Orientals, six with Spanish surnames, and 87 Caucasians.

Ninety persons in the class are legal residents of Michigan and twenty are from out of state.

Mean MCAT score for the class was 558, and mean grade point average was 3.43.
More than 100 persons attended special interment services for those individuals who contributed their bodies to medical science, conducted by MSU's Department of Anatomy on Thursday, Sept. 15.

The interdenominational services were held in the MSU Life Sciences Garden at East Lawn Memory Gardens, 2400 Bennett Road, Okemos.

Officiating were the Rev. John E. Cermak of Okemos Community Church and Father Louis Martin of St. Casimir Catholic Church, Lansing.

The remains of individuals who have contributed their bodies to the Willed Body Program at MSU were interred during the services.

Families of those who have completed such thoughtful and generous contributions to benefit medical science were invited to attend.

The Willed Body Program was established by the Department of Anatomy to further medical science and the education of some 1,800 of the health professions students at MSU. For the 1977-78 academic year, these include some 310 D.O. students in the College of Osteopathic Medicine, 435 M.D. students in the College of Human Medicine, and 350 students in the School of Nursing and 720 in the School of Medical Technology.

The Willed Body Program is conducted by Milvet J. Strickler, director of anatomical resources at MSU.

Videotape programs from the Network for Continuing Medical Education will be televised during the noon hour in the Simulation Learning Center. Definite schedules will be published in future newsletter calendars.

Tapes for fall term include:
- "Clinical Immunology Update" including the mechanisms of immune competence, immunity deficiency disorders, and autoimmune diseases.
- "The Nephrotoxicity of Antibodies" with Harold C. Neu, M.D., professor of medicine and pharmacology, and head of the Division of Infectious Diseases, Columbia University College of Physicians and Surgeons.
- "Antibiotics and Renal Failure" with Harold C. Neu.
- "The Insulin-Dependent Diabetic Patient: Two Unstable Episodes" with Rubin Bressler, M.D., professor and head of internal medicine and professor of pharmacology, University of Arizona College of Medicine.
- "Dermatology Clinic" (extra CME credit available based on questions about content of articles in program bibliography).
James L. Bennett, Ph.D., assistant professor of pharmacology, recently delivered presentations on schistosomiasis at Johns Hopkins University and the University of California at Irvine and at Los Angeles. He also was invited to serve as an advisor to the Edna Clark McConnell Foundation to assist in formulating plans for a global strategy against this parasitic disease.

Don E. Coleman, Ph.D., director of minority support programs, presented a paper on "Opportunities in Osteopathic Medicine" at the National Black Alliance for Graduate Level Education held at the University of Akron on October 7.

Philip E. Greenman, D.O., associate dean for academic affairs, gave a presentation on the MSU College of Osteopathic Medicine at a meeting of the Michigan Association for Medical Education at the University Club September 28.

Brigitte Jordan, Ph.D., assistant professor of community medicine and anthropology gave a presentation on the "Iconography of Hard Liquor in Visual Advertising" at the 1977 meeting of the American Council on Alcohol Problems held in Lansing September 15. She also served as the behavioral scientist on pediatric teaching rounds at St. Lawrence Hospital, and made a series of videotapes of Leboyer-style deliveries at the hospital. She is the author of "The Self-Diagnosis of Early Pregnancy: An Investigation of Lay Competence" in Medical Anthropology, Vol. 1, Issue 2, Part 1, pp. 1-38.

E. Michael Lodish, D.O., clinical assistant professor of osteopathic medicine, made a presentation at an oncology conference for osteopathic physicians and surgeons at Tampa on September 11.

Harry Perlstadt, Ph.D., assistant professor of community medicine and sociology, has received a postdoctoral fellowship in evaluation research and social policy at the Center for Research on Social Organizations at the University of Michigan. He will be taking courses in the School of Public Health and doing research on emergency medical service systems and volunteer ambulance services.

E. James Potchen, M.D., chairman of the Department of Radiology, presented a paper on "Health Care Issues in Terms of Management Problems" at a meeting of the College of Emergency Physicians September 10, and was a delegate from the Section on Nuclear Medicine at the American Medical Society Specialty Society meeting in Chicago September 19. He also presented the Susan Lowe lecture at Butterworth Hospital in Grand Rapids.

Alvin L. Rogers, Ph.D., assistant professor, and Everett S. Beneke, Ph.D., professor in the departments of Microbiology and Public Health and Botany, were short-term consultants for the MSU/Brazilian project. They taught a post-graduate course in medical mycology for physicians, microbiologists, and veterinarians at the Medical School of the Federal University of Minas Gerais, Belo Horizonte, Brazil, during the summer.

Carole Rizzo, a member of the 1976 entering class, has been selected as the first student from the College of Osteopathic Medicine to receive the Giddey Memorial Scholarship award. The tuition grant is administered by the Michigan Osteopathic College Foundation.
GIFTS AND GRANTS

The following medically-related gifts and grants were among those accepted by the MSU Board of Trustees at their September meeting.

Anatomy

American Cancer Society, Inc.
--Hormonal control of human breast carcinogenesis
  C. W. Welsch

Anthropology

National Institutes of Health
--Provide training in medical anthropology to predoctoral and postdoctoral students
  A. J. Rubel

Biochemistry

National Institutes of Health
--Membrane oligosaccharides
  R. Barker
--Biochemistry of polyene antibodies
  L. L. Bieber
--Mitochondrial hexokinase and brain metabolism
  J. E. Wilson

National Science Foundation
--Experimental validation of an oligomerization model of allosteric control
  W. A. Wood
--Leaf peroxisomes
  N. E. Tolbert
--Conference of cyclitols and phosphoinositides
  W. W. Wells

Muscular Dystrophy Association, Inc.
--Comparative enzymology of normal and dystrophic tissue
  C. H. Suelter

Biophysics

International Nickel Company
--Research on the anticancer activities of the platinum metal group complexes
  B. Rosenberg

Human Development

Human Development

Gerber Products Company
--Continue Gerber Scholar for Human Development Award
  W. B. Weil

National Institutes of Health
--Delineate the control mechanisms of gluconeogenesis in the neonatal pig liver under a variety of substrate and hormonal influences
  T. A. Helmrath
--Factors influencing contraceptive use
  D. J. Kallen

Medicine

Children's Leukemia Foundation of Detroit
--Effects of proteases and human protease inhibitor on lymphocyte blastogenesis
  L. Aronson
--Regional leukaphereasis program
  G. H. Tischkoff

Michigan Department of Public Health
--Study whether hepatitis in patients with end-state renal disease and their contacts can be detected or prevented
  G. H. Mayor

Microbiology and Public Health

National Science Foundation
--Diversity among aquatic microorganisms and anaerobic environments
  R. L. Uffen
--Biochemical relationships between symbiotic microorganisms and their hosts
  J. A. Breznak

National Institutes of Health
--Development of immunogenesis from bone-marrow cells
  H. C. Miller
GIFTS AND GRANTS Continuation

Microbiology and Public Health (continued)

National Institutes of Health
--Intergovernmental personnel transfer
T. R. Corner
--Immunology of larval tapeworm infections
J. F. Williams

Nursing

Department of Health, Education and Welfare
--Professional nurse traineeship program
I. K. Payne

Michigan Nurses Association
--Develop the conduct and utilization of clinical nursing research in Michigan
I. K. Payne

OHSER

Genesee County Health Department
--Collaborate in development of applied methods for interpretation and presentation of health survey results for health planning purposes as they relate to special requirements in Flint and Genesee County
R. J. Sprafka

Michigan Department of Public Health
--Maintain an ambulatory care data system for purposes of statistical analysis of family practice residency training programs
C. W. Given

Office of Health Services

Bureau of Health Manpower
--Training of the interdisciplinary team approach to the delivery of health care services
R. Gerard, R. Havey

OMERAD

Council on Resident Education in Obstetrics and Gynecology
--Collect and analyze data related to reactions to residency evaluation programs
G. B. Holzman

Health Resources Administration, HEW
--Research on applicability of criterion-referenced testing in medical specialty certification decision-making
J. L. Maatsch

Pathology

Michigan State Medical Society
--Support Placental Tissue Registry for Michigan in cooperation with Michigan State Medical Society
C. H. Sander

National Pork Producers Council
--Study effects of an attenuated transmissible gastroenteritis virus on intestinal epithelium of gnotobiotic pigs
G. L. Waxler

Pharmacology

Hoffman-LaRoche, Inc.
--The effects of benzodiazepines on the schistosome
J. L. Bennett

McNeil Laboratories, Inc.
--Unrestricted grant
J. B. Hook

Merck and Company, Inc.
--Evaluation of antiparasitic compounds
J. L. Bennett

National Institute of Environmental Health Sciences
--Perinatal pesticide toxicity
J. B. Hook
GIFTS AND GRANTS Continuation

Pharmacology (continued)

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

National Institute on Drug Abuse
--Interactions with stimulants and depressants
  R. H. Rech

National Institutes of Health
--New vasoactive factors and their role in hypertension
  A. M. Michelakis
--Digitalis: mechanisms of cardiac sympathetic effects
  J. Stickney

The Upjohn Company
--Unrestricted grant
  T. Brody

Physiology

National Heart, Lung and Blood Institute
--Autonomic control of renal function
  L. C. Weaver

National Science Foundation
--Effects of pollutants on gills of freshwater fishes
  P. O. Fromm

Psychiatry

County of Ingham
--Psychiatric residency training program
  N. B. Enzer

National Heart, Lung and Blood Institute
--Interpersonal stress and coronary-prone behavior
  L. Van Egeren

National Institute of Mental Health
--Psychiatric residency training program
  L. Rosen
--Medical student psychiatry education
  A. Werner

Pine Rest Christian Hospital Association
--Psychiatric residency training program
  N. B. Enzer

Psychology

National Institute of Mental Health
--Ph.D. training in ecological psychology
  G. W. Fairweather
--Ph.D. training in experimental-general psychology
  L. J. Harris
--Social psychology training
  E. H. Jacobson

Surgery

Michigan Heart Association
--Immunosuppression in experimental transplantation
  W. J. Esselman
--Cardiovascular surgery
  L. Gonzalez-Lavin

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Date of next issue: October 24. Copy deadline for next issue: October 21.