

MED *conspectus*

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Seminar Series Set

The medical school's faculty will share their research and scientific talent with the medical community in a series of monthly seminars in many different areas of expertise; and in order to share this talent with the medical community, the medical school has organized a monthly seminar series.

"Seminars in Medicine" was organized to provide a forum for presentation and discussion of scientific ideas, as well as inform members of the medical and academic community of ongoing research activities within the school, according to Lois Jane Heller, seminar organizer.

"With the increasing size of the

faculty, many of us may be unaware of what other faculty members are doing in their research area. We hope that the seminar series will keep us better informed," Heller said.

In addition to medical school faculty, nationally recognized experts outside of the medical school will also participate in the program.

The seminars are held on the second Wednesday of each month at 4 p.m. in 200 Old Main, and have been approved for CME credit.

(Schedule appears on pg. 2)



(Photo by Ken Moran)

Medical students on the run. From l to r: Mike Sirr, Rich Mayerchak, Kevin Peterson, Kevin Kelly, Paul Kerestes, Bob Rutka, and Neil Jonason. (Story on page 3)



(Photo by Dave Mohrman)

Heidi Korstad and A. C. Aufderheide are obviously overwhelmed by their awards.

Faculty, Students Honored

A. C. Aufderheide, MD, and John Bachman, MD, received top teaching awards, and Heidi Korstad and Ron Brummer, top student awards, at the sixth annual farewell party for the second year class July 14.

Aufderheide, professor and head of the Department of Pathology, received the Basic Science Teacher of the Year award for the second consecutive year.

Bachman, who completed his residency at the Duluth Family Practice Center July 1, received the Clinical Teacher of the Year award.

These awards reflect excellence in instruction and the recipients are chosen by the second year class.

Special recognition of teaching excellence by the following instructors was also made:

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Seminars In Medicine

Oct. 11 - Paul M. Cincirpini, "Behavioral Treatment of Migraine Headache"

Nov. 8 - James G. Wilson, University of Cincinnati, "Risk of Birth Defects from Drugs and Environmental Chemicals"

Dec. 13 - Lester R. Drewes, "Neurotoxicity of Pentachlorophenol and Its Relationship to Reye's Syndrome"

Jan. 10 - Terrence C. Clark, "Respiratory Effects

of Taconite Dust Exposure"

Feb. 14 - Arthur G. Johnson, "Regulation of the Immune Response by Synthetic Molecules"

Mar. 14 - undetermined

Apr. 11 - Arthur C. Aufderheide, "Lead Intoxication"

May 9 - Lloyd Beck, "The Renal/Adrenal Axis in the Control of the Vascular Capacitance System"

June 13 - Robert S. Pozos, "Immersion Hypothermia."



Aufderheide



Bachman



Brummer



Korstad

FACULTY, STUDENTS HONORED

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Clinical: Robert E. Carter, MD; Edward Jimenez, MD; Joseph Leek, MD; and John E. Mathers, MD.

Basic Science: Lloyd Beck, Ph.D.; Donna Forbes, Ph.D.; Louise Hawley, Ph.D.; Charles Theisen, Ph.D.; Arlen R. Severson, Ph.D.; and Richard J. Ziegler, Ph.D.

Brummer received the Reino Puumala Memorial Award, given in

96 Medical Students

This year, the School of Medicine is at its full complement of 96 medical students for the first time since the school opened in 1972.

The new class consists of 36 males and 12 females ranging in ages from 33 to 22. All are from Minnesota and 38 are from communities of less than 30,000.

The 1972 charter class had 24 students; the class size increased to 36 in 1976 and to 48 in 1977.

memory of the late Cloquet physician. The award is particularly special as the recipient is chosen by the second year class as the student who best exemplifies the ideal qualities of a family physician.

Korstad received the Herbert Lamson Award, given to the outstanding female student in honor of a former St. Louis County Health Officer. Recipients are chosen for their contributions to the class, as well as academic standing.

Dr. Donn Mosser, president of the Minnesota Medical Foundation, presented the awards on behalf of the Foundation who administers the funds for the cash awards.

Boards passed

For the fourth consecutive year, the entire second year class successfully passed Part I of the National Board Examinations. Nationally, about 12% of those taking the examinations fail.

WWHAT? or (Words Which Hold Absolute Twaddle)

There's a disease at the medical school — Abbreviationitis, also known as Acronymitis and Initial-phobia.

CC: An uncontrollable urge to "hurry up;" it is a reaction to bureaucracy and the medical profession. It is easily recognizable by being unrecognizable.

The disease progresses slowly.

The University of Minnesota, Duluth becomes UMD. Physicians become MD's. A Duluth medical school graduate is a UMDMD.

It gradually reaches an invasive state of incoherence and nonsense. For example: JLG, MD, from UMD has accepted a position at the NDA, BD, at the FDA.

HPI: The medical school was founded by the NMCME; some of its regulations are established by the AAMC, LCME, and the AMA. It is affiliated with SLH, SMH, MDH, the DFPC, and the DGMEC.

Medical students are not immune. They begin their careers with AMCAS by taking the MCAT. They try to achieve an O, S, or I and not incur the wrath of the SSC, by abiding by the rules of the EPC.

The curriculum is besieged with CR&C, OB/GYN, PEDS, CRP, H&P, FFP I and II. Anatomy is GROSS; behavioral science is BS. One can find a GI on the PATH to the PHARM (in either OM200, MED217 or MDLAB).

Students may participate in RPAP, AMSA, OSR, AAFP or the REEF. Faculty learn the in's and out's of NIH, HUD, MMF, GRSC, AAUP, and JWL.

Even the HSL is afflicted—with MINITEX and MEDLINE!

The disease becomes so rampant that people become abbreviated and initialized: FAC, STAFF, PROF, DOC, ACA. Even students are acronymated: PT, NAM, IRC (AWK!)

*RX: PULL (Please Use Longer Language)

They Do It for Fun

Stauffer is doing it. Lukasewycz is doing it. Davis is doing it. Peterson and Kelly are doing it.

They do it in the rain, in sleet or snow; they do it on sunny days, cloudy or foggy days. In the field-house, in the woods or on the street.

It is running.

Second year student Kevin Peterson, who runs approximately 40 miles weekly, said that running is a good way to relax. Edward Stauffer, associate professor of physiology, runs for "peace of mind." Omelan Lukasewycz, associate professor of microbiology and immunology, began running as a weight control measure.

All agree that running is good for health and physical fitness. Stauffer puts it in physiological terms: "running is beneficial for the cardiovascular and respiratory systems. It also tones up the musculo-skeletal system."

A runner is a seasoned jogger, one who "runs a mile in eight minutes or less," according to Lukasewycz.

Seasoned or not, the medical school runners spiced "Grandma's Marathon" last June 24 with eight representatives.

Peterson ran the 26 mile course from Two Harbors to Duluth in 2 hours, 46 minutes, finishing 49th. His finishing time qualifies him for the Boston Marathon next spring.

IN MEMORIAM

A. Alice Jacobs, former assistant professor of microbiology and immunology, died unexpectedly of a cerebral hemorrhage Aug. 25 in Boston, Massachusetts.

Dr. Jacobs was on the medical school faculty from 1972 to 1975 organizing the immunology curriculum. In 1975, she accepted a position at Boston University.

Memorial contributions may be made to Trinity Lutheran Church, Moorhead, Minnesota, or to the UMD School of Medicine Gift Account.

Stauffer and six other students also finished in Grandma's Marathon. The other students are: Neil Jonason, Kevin Kelly, Paul Kerestes, Rich Mayerchak, Bob Rutka, and Mike Sirr.

Not to be outdone, Stauffer, Lukasewycz and Gary Davis, associate professor of behavioral science, ran in the "Hoghead 15 Kilometer" in Proctor August 17.

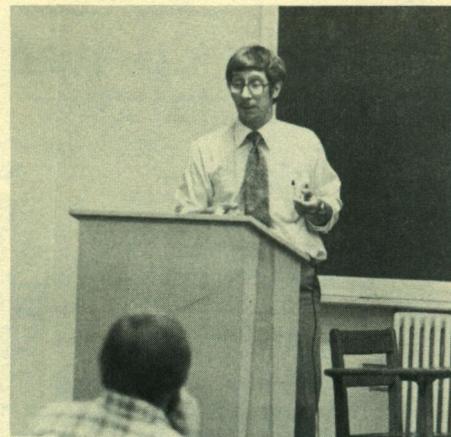
NAM in sixth year

Ten minority students participated in the sixth Native American Into Medicine (NAM) summer program, June 19-July 21.

NAM is an educational program designed to assist minority students in realizing their goals of becoming physicians or other health care professionals, by motivating them to develop an educational background competitive with other students, according to David Mohrman, program coordinator.

The students, one Chicano and nine American Indians, were college students from Minnesota, Michigan and North Dakota.

Mohrman was assisted by first year student Kathy Annette, a former NAM student. Five second year students also assisted with teaching: John Streitz and Bob Rutka, physical diagnosis; Carol Ness and Mike Saunders, anatomy;



(Photo by Ken Moran)

The first session of the "Seminars In Medicine" series was Sept. 13. Stephen W. Downing, assistant professor of anatomy, gave a presentation on "Hagfish Epidermis: A Potential Model System for the Study of Secretary Mechanisms."

and Gary Brandeland, immunology.

NAM is funded by the Department of Health, Education and Welfare, Division of Health Career Opportunity.

New Faculty

Four new faculty members joined the medical school this summer. They are: Paul M. Cinciripini, assistant professor, Department of Behavioral Science; Arthur G. Johnson, professor and head, Department of Medical Microbiology and Immunology; Gary R. Marchand, assistant professor, Department of Physiology; and Eugene E. Quist, assistant professor, Department of Pharmacology.



(Photo by Ken Moran)

Second year students Wayne L. Feyereisn and Dennis P. Gunsolus received the sixth annual award in human gross anatomy June 14. The award is presented annually to the first year medical students who attain the highest level of academic achievement in the discipline, according to T. John Leppi, professor and head of the Department of Biomedical Anatomy. Their names will appear on a plaque in the Anatomy Department office. From left to right are: Leppi, Feyereisn, Gunsolus and Dean John LaBree.

Faculty Corner

● **T. John Leppi** has been appointed visiting scientist at the Pacific Biomedical Research Center and visiting professor in the Department of Anatomy and Reproductive Biology, the University of Hawaii School of Medicine, Honolulu, from July 1, 1978 through June 30, 1979.

● **Arlen Severson** has been appointed acting head of the Department of Biomedical Anatomy during Leppi's absence.

● **John Gueriguian** has taken a one year leave of absence for a position at the New Drug Evaluation, Bureau of Drugs, of the Food and Drug Administration in Rockville, Md. He will be returning three times during the year to lecture on antibiotics and chemotherapeutic and endocrine drugs.

● **John LaBree** spoke to Hibbing physicians Sept. 26 on the relationship of the medical school to the communities of Northern Minnesota.

● **Robert Pozos** has received a three year \$54,854 grant from the National Institutes of Health to begin a new program of training undergraduate American Indian students who wish to prepare for graduate studies leading to the Ph.D. degree and careers in biomedical research teaching.

● **Gene Cotton** has been appointed head of the Department of Clinical Sciences.

The University of Minnesota adheres to the principle that all persons shall have equal opportunity and access to its educational facilities, activities, and employment without regard to race, creed, sex, age, or national origin.

THE SCHOOL OF MEDICINE
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ADDRESS CORRECTION REQUESTED

The *Conspectus* is a periodic publication of the University of Minnesota, Duluth, School of Medicine, to provide news and information about the School of Medicine. Comments and contributions are welcome. Please address all correspondence to Lynn Furlong, Editor, *Conspectus*, School of Medicine, University of Minnesota-Duluth, 2205 E. 5th Street, Duluth, MN 55812.

● **Mary Zimmerman** attended the Society for the Study of Social Problems meetings in San Francisco Sept. 1-4. She presented a paper on "Abortion Clinic Strategies and Client Perceptions: 1965 and 1975." She also attended the American Sociological Association meetings in San Francisco Sept. 4-8.

● **Edwin Haller** has been appointed consultant (site visitor) to the Council on Accreditation of the American Association for Accreditation of Laboratory Animal Care.

● **Joseph Prohaska** received a \$4,747 grant from the Graduate School to study "Brain Energy Metabolism in the Copper-Deficient Mottled Mouse."

● **Arlen Severson** has received a \$11,986 grant for one year from the Orthopedic Research Foundation to study the "Myelogenous Origin and Differentiation of Osteoclasts."

● **Richard Eisenberg, John Gueriguian and Edward Knych** presented papers at the American Society for Pharmacology and Experimental Therapeutics meeting in Houston August 13-17.

Eisenberg, R. and S. B. Sparber: "Inhibition of physical dependence to Levorphanol by naloxone."

Gueriguian, J.: "Non-covalent interaction between selected polycyclic aromatic hydrocarbons and human serum albumin."

Knych, E.: "Effect of high salt diet on the response of rabbit aorta to angiotensin II and III."

● **Edwin Haller** has returned from a one year sabbatical at Cambridge University, Institute of Animal Physiology, Agriculture Research Council, England, where he participated as a visiting scientist in research projects related to the nature and location of osmoreceptors in the brain. He presented two papers to the Physiological Society, entitled:

"Supraoptic and paraventricular units in hypothalamic slices incubated in iso- or hypertonic medium;" and "Iontophoretic activation of hypothalamic supraoptic cells by glutamate." He also presented a paper at the 7th Dutch-British Endocrine meetings in Holland in June on "Spike patterning in hypothalamic neurosecretory cells."

● **Paul Anderson** presented two abstracts at the American Chemical Society meetings in Miami Sept. 11-14, on "Purification and properties of the Inducible Enzyme Cyanase" (with D. Mielke and R. Stubenvoll) and "Glutamine- and N-Acetylglutamate-Dependent Carbamyl Phosphate Synthetase in Elasmobranchs."

● **Robert Pozos** has received \$90,000 for three years from the federal Sea Grant Program to study immersion hypothermia.

PUBLICATIONS:

Sparber, S. B., V. F. Gellert, L. Lichtblau and R. Eisenberg. "The Use of Operant Behavior Methods to Study Aggression and Effects of Acute and Chronic Morphine Administration in Rats," in M. L. Adler, L. Manara and R. Samanin, *Factors Affecting the Action of Narcotics* (New York: Raven Press, 1978).

Prohaska, Joseph. "The labile nature of selenium in oxidized glutathione peroxidase," in H. E. Ganther, J. R. Prohaska, S. -H Oh and W. G. Hoekstra, *Trace Element Metabolism in Man and Animals—3* (1978, pp. 77-84).

Severson, A. R. "The effect of cyclic nucleotides on the incorporation of ³H-glucosamine into hyaluronate in bone organ culture," *Hormone and Metabolic Research*, Vol. 10, No. 3, May, 1978, pp. 256-260.

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