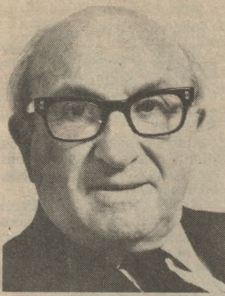


NMU LIBRARY

Wilbur Cohen, Former HEW Head, To Be Honored



WILBUR COHEN

Wilbur J. Cohen, former secretary of the U.S. Department of Health, Education & Welfare, and an author of the original Social Security Act, will speak at Summer Commencement Aug. 6.

Cohen, who is on the faculty at the University of Texas-Austin, will also receive an honorary Doctor of Public Service Degree.

The Sid Richardson professor of public affairs at the LBJ School of Public Affairs at Texas, Cohen was dean of the School of Education and professor of education and public welfare administration at the University of Michigan from

1969-1978.

He was appointed secretary of HEW in 1968 by President Lyndon Johnson, the only person to have served as assistant secretary, under secretary and secretary.

Cohen joined HEW in 1961 when President John Kennedy appointed him assistant secretary for legislation. During his tenure, over 65 major legislative proposals were made, including the Elementary and Secondary Education Act, the Higher Education Act, Medicare and Medicaid, and Social Security legislation.

Cohen came to Washington in 1934 as research assistant to the

Executive Director of President Franklin Roosevelt's Cabinet Committee on Economic Security, which drafted the original Social Security Act. In 1935 he joined the staff of the Social Security Board, becoming director of its Division of Research and Statistics.

He has also served as chairman of the Wage Stabilization Board's committee on health, welfare and pensions (1950-52), a member of the National Commission on Social Security (1979-81), and the Federal Advisory Council on Unemployment Insurance (1980-81).

A native of Milwaukee, he

received degrees from the University of Wisconsin in economics and law.

He is the author of a number of books and articles on social security, unemployment insurance, health, welfare, reform, national health insurance, social services and education fields.

Cohen has been recipient of awards for distinguished service in health, education and welfare, including the Rockefeller Public Service Award and Jane Addams Award.

He was chairman of the President's Commission on

Mental Retardation in 1968, president of the National Conference on Social Welfare in 1969-70, president of the American Public Welfare Association, 1975-76, and co-chairman of the Institute of Gerontology at Wayne State University, 1969-76.

Cohen has visited the Upper Peninsula on several occasions. He and his family have spent frequent vacations on Steuben Lake in Schoolcraft County.

Northern's commencement program begins at 10 a.m. in the C.B. Hedgcock Fieldhouse.

NORTHERN

News-Review



VOLUME LXXXV

NUMBER 7

SUMMER 1983

Summer Session Enrollment Up

Enrollment in the Spring and Summer sessions here has increased over the same period in 1982, according to Dr. Lowell Kafer, assistant provost and director of Summer Sessions.

Kafer said that total enrollment is 2,993, up seven per cent over the previous year.

Of the total 2,237 are undergraduates and 756 are graduate students.

Credit hour production is also

increased significantly, to a total of 19,167.

Kafer noted that the increase has taken place in spite of a reduction in the number of courses offered during the two sessions.

"Our Spring and Summer programs have been structured to fill the needs reflected throughout the region. We've maintained a high quality, and students are responding in a very positive way," Kafer said.

248 To Get Degrees Here

Degrees will be granted to 248 persons at Summer Commencement exercises on Saturday, Aug. 6 in the C.B. Hedgcock Fieldhouse, beginning at 10 a.m.

According to Registrar Harry Rajala, 30 will receive

associate degrees and 136 will be awarded bachelor's degrees.

On the graduate level, there will be 78 master's degrees granted and four receiving educational specialist degrees, Rajala said.

Wilbur Cohen, former head of the U.S. Department of Health, Education & Welfare under President Lyndon Johnson, will be commencement speaker and will receive an honorary doctor of public service degree, "Distinguished Alumni"

awards will also be given to Kathleen Weston, Edward Havlik and Gilbert Ziegler (see separate stories).

The ceremonies will be telecast live by WNMU-TV Northern's public television station.

Campus Resounds With Music



MUSICIANS PERFORM HERE — Musicians from college and university faculties in U.S. and Canada were here in July taking part in the Academic Festival Performance Institute which included public concerts of chamber music. Here, Manfred Blum of

Eariham College, Richmond, Ind., conducts a practice session of strings and woodwinds. The institute is directed by Dr. Robert Danziger. (NMU photo)

(See story on page 5.)

Summer Workshops Popular, Practical

Every teacher knows helping children learn to read, express themselves in writing and be good in mathematics will give them the foundation they need to build lives and careers as adults.

Northern has been working with teachers from across the Upper Peninsula for a decade, through a series of special summer workshops, focusing on reading and writing skills, mathematics and other topics that teachers in this region find important.

The one word most often used to describe the workshops is "practical."

"We use suggestions teachers have given us in developing each summer's workshop program," said Dr. James Hendricks, head of Northern's Department of Education. "Sometimes they also provide us with the name of a specialist who we've been able to bring to campus to conduct a workshop."

The workshops usually run from one to four weeks, featuring half a dozen nationally prominent educators, and members of the NMU faculty who are considered experts in their fields, Hendricks said.

This summer upwards of 30 graduate level teacher workshops are being offered, covering topics from microcomputers and astronomy to optics and language skills — for both teachers and administrators.

"These workshops provide a very practical approach for me," says Pamela Stanaway of Sault Ste. Marie, who teaches first grade at nearby Brimley.

She's enrolled in a workshop on students' learning disabilities in math, and is also studying childhood language disorders and reading disabilities caused by hearing problems.

"I've learned a lot — especially about the more technical aspects and terminology. It's information I'll be able to put to good use in the classroom."

Students' language disabilities are also the concern of Sister

(Cont'd On Page 2)

Three To Receive 'Distinguished Alumni' Awards

Prominent Toxicologist, Builder, Manufacturer To Be Cited Here

Three graduates of Northern, widely recognized leaders in the fields of toxicology, home building, and manufacturing, will be honored at ceremonies here August 6.

"Distinguished Alumnus" awards will go to Dr. Kathleen E. Weston of Purcellville, Va., who played a prominent role in the development of the Salk polio vaccine; Edward F. Havlik of Chicago, Ill. and Holland, Mich., prominent Midwestern modular housing builder, and Gilbert L. Ziegler of Bellaire, Mich., president of the Alken-Ziegler, Inc., Kalkaska, Mich.

The three will be honored during Summer Commencement ceremonies beginning at 10 a.m. in the C.B. Hedgcock Fieldhouse.

Dr. Weston, a native of Kenton, Mich., is a 1929 graduate of Northern. She received a master's degree from the University of Michigan in 1934 and her medical degree from Temple University in 1951.

From 1929-1933 she taught biology at Munising High School. She began teaching at Michigan in 1933 and joined the faculty at Temple in 1938.

She went to Parke, Davis & Co. in Detroit in 1952, becoming head of its Department of Pathology and Toxicology, where she was involved in pioneering work on development of a vaccine for polio.

She also served as head of Pathology-Toxicology for Burroughs, Wellcome & Co., New York, chief of toxicology at Brookdale Hospital, Brooklyn, N.Y., and as a faculty member at George Washington University Medical Center, Washington, D.C.

During the past two decades, she has been a consultant to numerous businesses and U.S. Government agencies on toxic hazards, ranging from pesticides to "angel dust."

President Lyndon Johnson honored her as one of the nation's Outstanding Medical Women, and she has received numerous other awards and honors. She has also authored many articles in professional journals. In 1979 she was named recipient of the Don Franke Award for publishing the best article that year in the Drug Information Journal.

She is currently a consultant to several federal agencies and is an adjunct professor of computer medicine at George Washington Medical Center.

Havlik, a 1967 graduate of Northern, is president of the United Development Corp., a major homebuilding firm headquartered in Chicago. Following graduation, he became training, merchandise and operations manager for a national retail chain. In 1970 he entered the homebuilding field as divisional director of sales for an international builder in Chicago. The following year he and a partner established Commercial Marketing and Management Consultants, specializing in development,

management and sales of new housing. Within a decade the company grew to become the building company for five real estate service businesses.

Havlik coordinated a company merger in 1981, becoming a member of the board and major stockholder of the resulting Benchmark Companies, which manufactures modular housing with factories in Colorado, Ohio and Tennessee.

In 1981 Havlik and a business associate acquired United Development.

He is a member of the boards of the Homebuilders Association of Greater Chicago and Northern Illinois Homebuilders. He is chairman

of the Land Use Committee and Housing Service Divisions of the Chicago Association of Commerce and Industry, and is a director of the Illinois Service Corp.

Former president of NMU's student body, he is the first member of the board and major stockholder of the resulting Benchmark Companies, which manufactures modular housing with factories in Colorado, Ohio and Tennessee.

Havlik is a native of Brookfield, Ill., and a graduate of Brookfield Riverside High School.

A St. Ignace native, Ziegler graduated from NMU in 1960. He was vice-president of the Horton Co. in Jackson from 1963-65, when he became general manager of Milan

(Mich.) Screw Products. In 1968-69, he was vice-president of manufacturing for the United States Components Corp. in Detroit prior to establishing his own firm in Kalkaska.

Active in a number of community service organizations, he has also been deeply involved in activities at NMU.

He is a member of the President's Club, the executive committee and the board of trustees of the Alumni Association, the boards of trustees of the Development Fund and the Golden Wildcat Club.

Ziegler has also established scholarships at NMU in honor of his mother and in the memory of his late father.

Book Sales To Aid TV



Twenty per cent of total purchases (excluding magazines) made at B. Dalton's Marquette Mall bookstore on Saturday, Aug. 7 and Sunday, Aug. 7 will be donated to the support of WNMU-TV. Sue Erickson, Dalton manager, looks at a display of children's books at her store. Dalton also underwrites "Reading Rainbow" on Channel 13 (NMU photo)

Students Assist Olson Library



STUDENTS AID LIBRARY — Pat Dudley of Marquette (right), student manager of WBKX, the NMU student radio station, presents a check to Dr. Jane Swafford, director of Olson Library, representing proceeds of a skate-a-thon fundraising event sponsored by the station. Looking on is Joseph W. Skehen, director of the NMU Development Fund, which administers funds donated to the library. The event was one of several sponsored by students this past spring to benefit library development. (NMU photo)

FROM PAGE ONE

Charlotte Ann Wagner, a sixth grade teacher at St. Francis de Sales School in Manistique.

"I like the approach taken in the workshop — it's very flexible and allows students to apply what they learn to their own individual classroom situations — not just theory out of a textbook," she notes. "It's very practical for me, and helps us work with basic problems and find workable solutions."

Graduate student Jerry Bush of Rapid River finds the workshop schedule practical from another approach.

"As a commuter student, I like being able to take the workshop daily for a week or so, rather than spreading it over a longer period with fewer meetings each week," Bush says.

Calling the workshop series "a great idea," Bush says he finds them practical, interesting and general enough in scope to apply to his secondary education program. He is enrolled in the workshop on learning problems in math.

"Just excellent," is the way Marsha Page of Sundell describes her workshop on curriculum for gifted and talented. A teacher in Marquette Township's Vandebloom School, she found the instructor (Dr. Jerry Flack of Purdue University) "very knowledgeable" and his approach "very practical."

"The consensus of the class is certainly positive. I was enrolled last year also, and I've really enjoyed these workshops. They give us a chance to focus on special concerns with both Northern and visiting faculty."

One of the big challenges of the summer workshop program is to anticipate changing needs, Hendricks says.

New areas include early literacy (speaking, reading, writing and listening) of pre-schoolers, programs for adult learners, and programs in education that families can participate in together.

The workshops continue to be popular, and sometimes there's difficulty keeping to enrollment limits. "For example, the forest habitat workshop by Don Snitgen and Jim Wahla is always filled to capacity," Hendricks notes. "The word has definitely spread about the summer workshop program — and I guess a good product is its own best advertising!"

Education Workshop
Summer Series
Fill Teacher Needs



JAMES HENDRICKS

WNMU-TV Sets 'Quiet Fundraiser'

There won't be many interruptions of programming with appeals for viewer support, but WNMU-TV, Northern's public television station, will be conducting a "quiet campaign" for contributions throughout the month of August.

R.S.V.P. fundraiser is set at \$25,000," says Station Manager Bruce Turner. "We will be airing some special programs, but there won't be appeals for call-in pledges."

Turner said total programming costs for the 1983-84 fiscal

year will be \$150,000. According to Development Director Becky Beauchamp, special programs include productions of "Oklahoma" and "South Pacific," National Geographic specials and Nova. Also scheduled are programs featuring the music of Harry

Chapin, Peter Tosh and Judy Collins.

A direct mail appeal will be a part of the R.S.V.P. fundraiser, Turner said.

Other fundraising events are planned for December and March.



Kenneth D. Seaton, Hancock, chairman of the board of Detroit & Northern Savings & Loan Association, receives an underwriting certificate from Becky Beauchamp, development director at WNMU-TV, for financing the acquisition of "The Nightly Business Report" which airs Monday-Friday on Channel 13, Northern's public television station (NMM photo)

★★★ Business Report Funded

One of the most popular programs on the nation's public television — the "Nightly Business Report" — featuring Copper Country native Paul Kangas, has been underwritten on WNMU-TV by the Detroit & Northern Savings & Loan Association of Hancock.

In addition to being carried on Northern's public television station, the "Nightly Business Report" is aired by more than 170 other PBS stations, and originates at WPBT in Miami, Fla.

The program is carried nightly on WNMU-TV Monday-Friday, at 11 p.m.

"Detroit & Northern has made a significant contribution to both the Upper Peninsula business community and to WNMU-TV by providing funds to purchase the program for an entire year," says Scott Seaman, the station's general manager. "Business people from throughout the area tell us they rely on the daily business information the program provides."

Seaman points out that "generosity of the business community is enabling our station to maintain a quality level of programming in spite of severe state and federal budget reductions."

"Nightly Business Report" combines hard business news with analysis, in-depth profiles, commentary, background information, stock quotations and updates.

The program is co-anchored by Del Fran, Linda O'Bryon and Kangas, who is a stock market analyst.

New Board Members



NEW BOARD MEMBERS — Bela Marshall of Detroit (top) and James Collins, Negaunee (below, right) are the newest members of the Board of Control, appointed by Gov. James Blanchard. Collins is shown visiting with President James Appleberry during a recent visit to the campus.

Both members will be attending their first Board meeting Aug. 5.



Seminoff Heads MRA

Dr. Nancy Wiseman Seminoff, associate professor of education, has been elected president of the Michigan Reading Association (MRA) for 1983-84.

The MRA is a professional

organization of teachers, administrators and parents concerned with the improvement of reading programs at all levels. Activities include publications, conferences, workshops, research and surveys on reading and instruction.

A Marquette native, Seminoff has been on the faculty since 1979. She was chairperson of the MRA annual state conference in March, and is a member of the professional standards and ethics committee of the International Reading Association.

She has done faculty inservice workshops for Bothwell Middle School in Marquette and the Ishpeming Public Schools, and was keynote speaker at the Kaufman Awards program this past spring.

Seminoff received her bachelor's degree from Nor-

thern, a master's from Michigan State University and doctorate from Wayne State University. She was a teacher and reading consultant for 15 years with the Utica Community Schools and has also been an instructor at Wayne and Eastern Michigan University.

Professional memberships include Phi Delta Kappa, Delta Kappa Gamma Society International, Marquette-Alger Reading Council, Michigan Secondary Reading Interest Council, National Council of Teachers of English, National Council for the Social Studies, Association of Teacher Educators and Alpha Xi Delta.

She has also authored or co-authored a number of scholarly publications, including serving as test consultant for "American Dream," a history textbook published by Scott, Foresman and Co.



NANCY SEMINOFF

Dr. Appleberry On 'Media Meet'

President James Appleberry will be featured on WNMU-TV's "Media Meet" program Thursday evening, July 28.

The newly-appointed chief executive will appear on Channel 13 at 7:30 p.m., with the half-hour program repeated on

Saturday July 30 at 4:30 p.m.

Host Bill Hart will interview Dr. Appleberry on a variety of topics including his general overview of the university, relations with the State Legislature, philosophy of

education, plans for Northern's future, and possible expansion of the public service sector.

Media guests will be Tom Feldhusen of WJPD Radio in Ishpeming, and Dave Edwards of The Mining Journal.

Topic Of Article:

New Chemical Complex Is Discovered Here

The discovery of a new type of chemical complex by researchers here — which could have uses ranging from manufacturing photographic film and computers to a cure for cancer — is the topic of an article in the current issue of the Journal of the American Chemical Society.

The article is authored by Dr. John E. Frey, professor of chemistry, and student assistant Elizabeth C. Kitchen of Laurium, who graduated in April.

"The research has helped us better understand the nature of chemical bonding and arrangement of electrons in compounds," says Frey.

He notes that since charge-transfer complexes are found as intermediates in so many

different reactions involving organic and biological systems. "It is possible that this research could be applied to improve processes and materials used in the manufacture of polymers, drugs, dyes, photographic film and computers."

"It could also help better understand the cause and cure of diseases such as cancer, and the nature of photosynthesis," Frey points out.

The article, titled "Boron Aryls as Electron Donors," describes experiments which led to the first preparation of a charge-transfer complex in which a monoborane acts as an electron donor, although they are usually thought of as electron acceptors.

NORTHERN News-Review

USPS NUMBER 960-720

ESTABLISHED 1978

A Consolidation of
THE NORTHERN NEWS—1919-1972
and THE CAMPUS REVIEW—1972-1977

Published monthly, September-June, and one Summer issue, by the Northern Michigan University News Bureau (Paul N. Suomi, Director of Communications) 607 Chodas Administrative Center. Phone 906-227-2720 Second class Postage paid at Marquette, Mich. 49855.

James L. Carter, Editor
Paul N. Suomi, Contributing Editor
Gil Heard, Sports Editor
Donald D. Pavloski, Photographer

The Northern News-Review publishes news items and information about the University, its programs, faculty, staff and students, and is distributed free of charge.

"Upon the subject of education . . . I can only say that I view it as the most important subject which we, as a people, can be engaged in . . ."—ABRAHAM LINCOLN

President Leads Marquette Parade



MARQUETTE PARADE MARSHAL — President James Appleberry and his wife, Pat, led Marquette's Fourth of July parade. It was Dr. Appleberry's first major public appearance after

assuming the duties of Northern's chief executive July 1. The Independence Day celebration is coordinated by the American Legion post.

Detroit Symphony Concert Scheduled

The Detroit Symphony Orchestra, an annual visitor to the Upper Peninsula, has scheduled a performance in Marquette Aug. 17.

According to coordinator Dr. Glenn R. Stevens, associate provost, the orchestra will present its program in Lakeview Arena

beginning at 8:15 p.m. A program of classical music will be featured Stevens said.

Sponsored by NMU, the orchestra will present its program in Marquette one night only, he added.

Information on tickets and outlets will be announced later.

Law Of The Sea:

Earney Attends Seabed Mining Meet

The recently adopted United Nations convention on the Law of the Sea was the focus of a conference July 13-16 at Oslo, Norway, attended by Dr. Fillmore C.F. Earney, professor of Geography and an internationally recognized expert on seabed mining.

The Law of the Sea Conference was sponsored by Fridtjof Nansen Institute in Oslo and the Law of the Sea Institute

at the University of Hawaii, Honolulu. "The conference evaluated the U.N.'s Law of the Sea convention adopted last December," Earney points out.

The Oslo conference assembled leading participants in the U.N. negotiations as well as environmental, fishing, legal, maritime, mining, and ocean resources experts from around the world.

"It was a unique occasion for assessment of the U.N.'s new

Law of the Sea convention, its impact at sea and on land, shortcomings, what remains to be done — and future prospects," Earney notes.

He said that the United States has refused to support the new U.N. document, primarily because of its mandates on seabed mining rights and mining technology transfers to Third World countries.

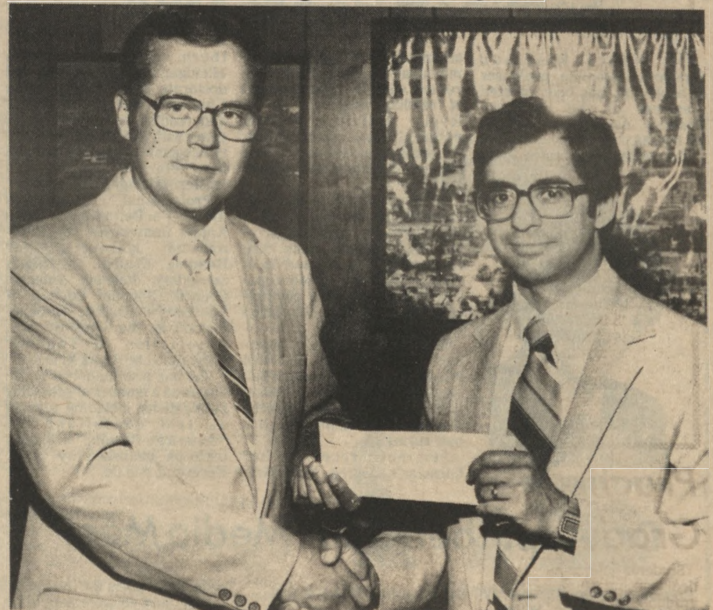
During the past several years, Earney has written ex-

tensively on seabed mining and the U.N.'s Law of the Sea negotiations.

Last fall he was visiting professor at the Geographical Institute in Bergen, Norway, where he lectured on ocean mining and its geographic perspectives.

Earney authored "The Geopolitics of Minerals" in 1981. His book, "Petroleum and the Hard Minerals from the Sea" was published in 1980.

Accounting Firm Aids Program



NMU PROGRAMS, STUDENTS SUPPORTED — An annual gift from Ernst & Whinney employees in Marquette is being presented by Managing Partner Paul Makela (left) to Dr. Sam Grazi, head of the Accounting & Finance Department, to help support academic pro-

grams in accounting and to provide scholarships for accounting students. Ernst & Whinney matches the amount of its employee gifts. The accounting firm itself also finances annual scholarships to Northern students. (NMU photo)

SPECIAL OFFER!

Complete, Official

HISTORY OF NMU

"Northern Michigan University
The First 75 Years"

By Miriam Hilton

131 photos - 384 pages

Regular price \$4²⁵

\$2⁷⁷
NOW

AT THE NMU BOOKSTORE ONLY

(For mail orders, please add \$1.36 for postage-handling)

A FINE GIFT AT GRADUATION

what's happening

NEWS BRIEFS OF FACULTY-STAFF ACTIVITIES

Wagnon Certified

Jane Wagnon, laboratory technologist at the Vielmetti Health Center, has received her "Clinical Laboratory Scientist" certification from the National Certification Agency for Medical Laboratory Personnel. She joined the Health Center staff in 1974.

Argeropoulos In Program

John Argeropoulos, career counselor and associate professor, presented two workshops at the annual Wellness Promotion Strategies Conference July 17-23 at the Institute for Lifestyle Improvement, University of Wisconsin-Stevens Point. The conference is partially underwritten by the Sentry Insurance Foundation.

Cooper Gives Workshop

David E. Cooper, associate professor of philosophy, will present a workshop on business ethics July 26-30 in Chicago. The workshop, which includes participants from across the country, is being co-sponsored by the Society for Business Ethics and DePaul University.

of co-coordinator with the Upper Peninsula Medical Laboratory Society, and is currently the chairperson of the NMU Employees Blood Bank Group.

Lifelong Process for Better or Worse," and "Burn-Out and Stress Management."

One of the nation's leading conferences in the development of positive self-care skills, the event is attended by persons from across the United States.

The conference is partially underwritten by the Sentry Insurance Foundation.



BLANCHARD AT NORTHERN — Michigan Governor James Blanchard (second from right) was on the NMU campus in July to meet President James Appleberry (second from left) and to hold a press conference. He is shown with Thomas Baldini (right) of Marquette, whose appointment as the Governor's personal representative in the Upper Peninsula was announced at the conference, and James Collins of Negaunee, who he recently appointed to the NMU Board of Control.

Area Criminal Justice Volunteers Cited

Fourteen Upper Peninsula residents who have served as volunteers in juvenile and criminal justice programs were honored recently by the national VIP organization at an awards ceremony in Marquette.

Judge Keith J. Leenhouts, Royal Oak, director of VIP (Volunteers in Prevention, Probation & Prisons) presented certificates to participants

from Escanaba, Iron Mountain, Sault Ste. Marie, Crystal Falls, Marquette and Negaunee.

Receiving awards were Merton MacRae, Clarence Anderson, Richard Hazen and Jack Banfield of Escanaba; Eugene Cavicchioni, Joan Pietsch, Amos Marston and William Manko, Iron Mountain; Wayne Gamelin, Sault Ste. Marie; William Book, Crystal Falls;

Thomas Casselman, Matt Surrell and Robert Barrington, Marquette; and Sue Gagnon, Negaunee.

The awards program was held under the auspices of Northern Michigan University's Criminal Justice Department.

The U.P. volunteers have been involved in counseling, probation, supervision, District Court assistance, managing community service work pro-

grams, pre-sentence investigating, jail tutoring and a variety of other tasks, according to Prof. William Waters of NMU's criminal justice department.

"These people are among half a million VIP volunteers in over 5,000 programs across the country," Waters said. "Work of the criminal justice system is greatly benefited by their volunteer assistance."

Hearing Impaired Programs Lauded

Citing the introduction by Northern of sign language courses, and its programs for the hearing impaired, the Michigan Association of Deaf Citizens passed a resolution of commendation at its recent convention in Grand Rapids.

The resolution notes that introduction of American Sign Language courses in the Upper Peninsula by Northern two years ago "shows an appreciation and understanding—a great respect of deaf people, allowing them to maintain their dignity and pride."

The resolution particularly cited the Department of Communication Disorders, headed by Dr. James M. Davis, and Continuing Education programs directed by Robert Nystrom.

It also noted that the courses have resulted in requests from persons in Sault Ste. Marie and Iron Mountain for introduction of the American Sign Language system in their communities.

The organization said it appreciated Northern's "continuing favorable attitude" toward problems of and programs for persons with impaired hearing.

The association, founded in 1887, is a non-profit organization for the welfare and advancement of the deaf.

Musicians From U.S., Canada Perform

Outstanding instrumental musicians from the United States and Canada appeared at Northern during July in the second annual Academic Festival Performance Institute.

Forty performers who are professors of instrumental

music in colleges and universities from 16 states and Canada, presented four public programs in July, sponsored by NMU's Department of Music.

The program included public performances of the chamber orchestra and chamber music.

"These were accomplished masters of strings, wood winds, brass and piano," says Dr. Robert Danziger, the program's director.

"Music-loving residents and tourists in the central Upper Peninsula had a unique opportunity to take part in this

summer music spectacular."

The institute brought together some of the country's most accomplished instrumentalists for two weeks of rehearsals, seminars and performances, under Danziger's direction.

Winners in Cosmetology



HAIR DRESSING COMPETITION WINNERS — Four area residents who are students in the Cosmetology School at the D.J. Jacobetti Vocational Skills Center were named winners of the first annual Marion Polson Jenkins Hair Dresser Competition held recently at the Holiday Inn, Marquette. They are (from left): Lisa Ann Petray, first place, women's haircutting and overall style;

Lorie Mager, second, and Cathy Langsford, third, men's haircutting, and Kathy Jo Doney, first in men's haircutting and second in women's haircutting and overall style. All are from Ishpeming. The award is named in honor of Jenkins, a Marquette resident, who is president of the Michigan Hair Association. (NMU photo)

Practical Nursing Graduates 75th Class

Students majoring in practical nursing from four states graduated here July 15.

The class of 38 included students from Michigan, Wisconsin, Delaware and Pennsylvania.

The program, directed by Marjorie Vidlund in the School of Nursing and Allied Health

sciences, graduated its 75th class.

Commencement address was delivered by Judith R. Sylvester, a registered nurse in the Education Department at Marquette General Hospital.

Graduate Ann Doyle of Marquette spoke on behalf of the class.

'A Day Late — A Dollar Short!'

BY STEWART A. KINGSBURY

EDITOR'S NOTE: Dr. Stewart Kingsbury, professor of English, is a nationally recognized authority on proverbs, and is playing a major role in preparing the new edition of the Dictionary of American Proverbs. This article on the origins of a colorful Michigan lumberjacks' proverb, first appeared in "Folkpatterns," a publication of the Michigan State University Museum.

My father, Ralph Steers Kingsbury, born in Saginaw, in 1888, was the son of a railroad engineer in the Saginaw Valley lumbering country. Grandpa Charles, whom I never saw, drove one of the Pere Marquette Railroad engines in and out of the lumber camps.

The only legacy I have from Grandpa Charles is a hand-wrought, two-handed hatchet forged in a logging camp and the proverb, "A day late and a dollar short."

This admonition, in the form of a proverbial saying, was repeatedly used to remind a young "would-be English professor" that punctuality was a virtue to be revered next to cleanliness ("Cleanliness is next to godliness").

A psychologist would probably agree that I was rebelling against my "super-ego" when I had to be dragged to school daily by my older sister and scolded for "blowing" ten dollars at the Washtenaw County Fair on "games of

chance." That ten dollars was my month's pay during the 1930s when I worked at my dad's Ford Sales and Service in Dexter.

Little did I realize then that "A day late and a dollar short" came right out of Grandpa Charles' stock of favorite "woods words." Now, the explanation seems surprisingly simple after hearing stories about loggers.

The loggers' life was a rough one, much akin to the cowboy, sailor and miner. The logger had a similar romantic air about him, preserved in the annals of folksong and folktales, distinctly flavored with its own folk language.

The loggers of the white pine era were of two types: the logger-farmer who returned to the woods when his crops were harvested in the fall and who left in the spring after the "river drive," and the "dyed-in-the-wool" logger who had "married" this lonely woods life and was destined to move from camp to camp until he was just too old "to cut the mustard."

The true logger, like the medieval wandering knight, lived a fast and furious life filled with drinking, women, fights and tall timber. According to accounts of a logger's life from Marquette lumberman Bill Schneider, when the logger was paid off on "alibi day," he headed for the nearest bar and gave all his money to the bartender or the sheriff to hold so that he wouldn't "blow it all or get rolled." After a good hot bath, a shave and hair-cut, the logger ordered himself a two-inch-thick steak and then sat down to serious drinking.

Schneider told me the bartenders hated to keep the loggers' bankroll because the loggers would always return, asking for more money than they gave the bartender. Usually, the loggers didn't believe the bartender when he told them the money was spent. Consequently, the logger picked a fight with the bartender for not stopping him from "blowin' his whole wad" or for cheating him. Sometimes the logger ended up drunk, broke and with no place to sleep. In this case, the common practice was to drag the drunken logger to a bare, heated room called a snake-pit and let him "sleep off his drunk."

These snake-pits were not as humane as one might think because the logger was often robbed, even though he had his bankroll tightly locked in his "safety deposit box" (the vise-like grip of his right hand). However, in those days "hustlers" were an inventive lot, and they soon found out that if they tickled the logger behind his ear he would release the steel grip on his "wad." Consequently, many of the loggers were "rolled" in the snake-pit.

Furthermore, snake-pits posed another danger to the helpless sleeping logger. He might also fall prey to the bartender who also was a "man-catcher." Says Schneider: "When an owner of a lumbering operation or his manager ('the bull of the woods') needed men to fill out his crew, say a couple of sawyers or axe men, he would call up a certain saloon and place his order with the saloon-keeper. This "man-catcher" also provided the snake-pit for the logger who had

been "burning out the grease" (had gone to town to get drunk). When the saloon-owner had the number of crew members needed, he would call the camp-boss, who would come over and pick up the men and take them back to camp."

Some days later, the logger found himself out in the gray-dawn among the tall timber listening to the cries of "day-light in the swamp" and "timber-er" (cries telling the logger "it was time to go to working in the woods" and "a newly-cut tree is falling").

Most of the time, however, the loggers had to apply for work at the slave market" (employment office of the lumber company). Only a certain number of jobs were available so there was a cut-off day when the employment office closed. Unfortunate logger failing to return from the farm or snake-pit on or before the last day were "a day late." Others who did return were too broke to pay the dollar employment fee and still lost out because they were "a dollar short."



'Lake Superior Journal' Published By NMU Press

The Lake Superior country was an undeveloped wilderness when Geologist Douglass Houghton led his famous expedition along the south shore of the lake in the summer of 1840.

His assistant, Bela Hubbard, kept a detailed journal of the trip which began at Mackinac Island and ended at LaPointe on Madeline Island near present-day Ashland, Wis.

Hubbard's account, complete with his original maps and sketches, has been published for the first time by the Northern Michigan University Press.

Edited by Dr. Bernard C. Peters, professor of geography at NMU, the book contains 16

sketches of people and places on the expedition.

Also featured are 18 maps — one of Hubbard's most valuable contributions. They contain long-forgotten and obscure Ojibwa placenames for many well-known points along the route.

Peters, an authority on Lake Superior placenames, has done extensive research editing the journal, and has included many footnotes with much additional historical data.

"Persons interested in Great Lakes history will find 'Lake Superior Journal' to be an outstanding resource and a fascinating account," says James L. Carter, University

Press director.

"Dr. Peters has spent several years of research preparing the journal for publication, and he has left no stone unturned along the entire route from Mackinac to LaPointe."

Research and editing was supported by grants from the Cleveland-Cliffs Foundation and NMU. Publication was supported by the NMU Development Fund.

Peters has been a professor of geography at Northern since 1960. He received a bachelor's degree from Western Illinois University, a master's from the University of Illinois, and a doctorate from Michigan State University. His early publica-

tions have dealt with landscape and pioneer settlement in Kalamazoo County. He has also published articles in professional journals on early travels on Lake Superior and the origin and meaning of its placenames.

Hubbard had worked with Houghton as an assistant state geologist since 1837 when the Geological Survey was established by the new state of Michigan.

The first several years were spent investigating mineral deposits in southern Michigan. The only large area remaining to be scientifically surveyed was the Lake Superior country. The expedition's report to the

Legislature in 1841 of rich ore deposits — particularly copper — sparked the nation's first mineral rush to the Keweenaw Peninsula.

Houghton and Hubbard continued Lower Michigan surveys after returning from Lake Superior in August, 1840. They were also involved in land investment and development for a number of years.

Hubbard developed a farm, edited an agricultural journal, "The Western Farmer," and was an important influence in

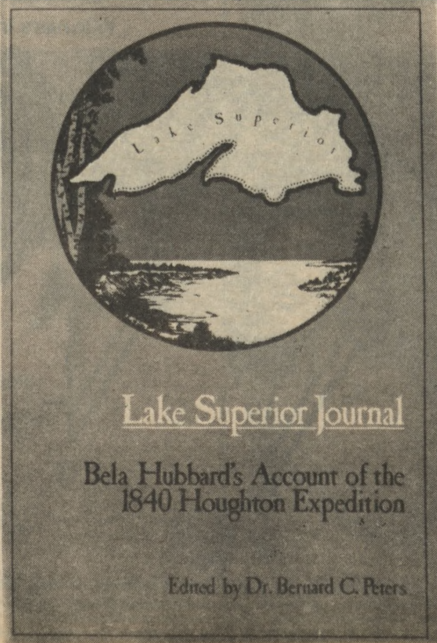
development of scientific farming in Michigan and establishment of Michigan State University.

An historian and scholar, Hubbard published "Memorials of a Half-Century in Michigan and the Great Lakes" in 1888. He died in 1896 at 82.

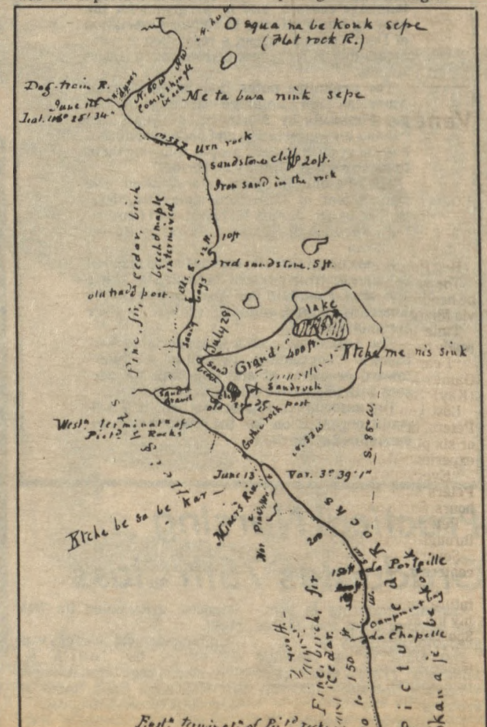
"Lake Superior Journal" is available from the NMU Bookstore, Marquette, Mich. 49855 or at regional bookstores. (Price is \$6.95. Please add \$1 for postage and handling.)



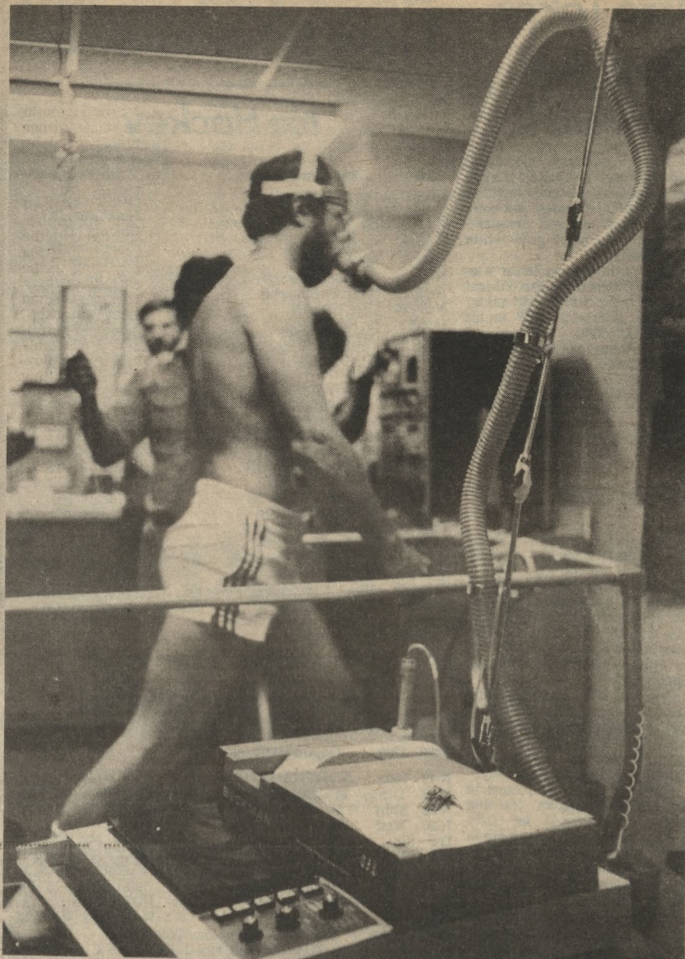
Hubbard's sketch of himself.



Dust jacket of new book.



Map of Grand Island area.



Doug Dalquist, an instructor at the National Outdoor Leadership School, Boulder, Colo., undergoes testing at Northern Michigan University's Great Lakes Sports Academy in preparation for climbing of Mount Everest this fall. He is one of six men and five women in an American team who

have undergone physiological testing in NMU's Sports Medicine Program. Blood samples were taken during Dalquist's treadmill test to help determine metabolic changes taking place during periods of strenuous exercise. (NMU photo)

Mount Everest Climbers Tested At NMU Academy

Members of an American team slated to climb Mount Everest this fall underwent physiological testing at Northern's Great Lakes Sports Academy.

According to Academy Director Karen Kunkel, individual testing of the 11 team members began in late June and continued through July 10.

Each climber underwent two days of testing supervised by Dr. Phillip B. Watts, director of NMU's Sports Medicine Program, who invited the team to NMU.

The graded exercise tolerance test included resting and exercise electrocardiograms, estimation of the amounts of lean muscle mass and fatty tissue, and lung volume, Watts said.

"Blood samples were taken while each person exercised to a state of exhaustion on a treadmill," Watts said. "We wanted to examine the metabolic changes taking place in the blood during the exercising."

The testing will allow Watts to compare physiological characteristics of mountain climbers with cross-country skiers, long distance runners and others who undergo strenuous exercising, and to improve training techniques.

The blood analysis was done in cooperation with Marquette General Hospital.

"Even at base camp, 12,000 feet below the summit, temperatures can exceed 100 degrees in the afternoon sun and plummet far below zero at night. Violent 100-mile-an-hour winds can hit the mountain with little or no warning," she points out.

Four additional persons will man the base camp, including the group's personal physician, who is also an experienced climber.

"This is the first American team made up evenly of men and women," Kunkel notes. "We are very proud to be playing a part in preparation of the climb."

She said that a number of U.S. organizations and corporations are also supporting the expedition.

While in Marquette, they were guests of the Holiday Inn.

"We are delighted that the Mount Everest team has accepted the Sports Medicine Programs' offer to play a key role in rigorous preparation for its historic climb," Kunkel said.

Most of the widely scattered members are in their late 20s and 30s, and have climbed together in Europe, Asia and the Americas.

Kunkel noted that a five-year lead time is needed for permits from the Kingdom of Nepal and other preparation for assaulting the world's highest peak (29,028 ft.).

Organized by the Yosemite (Calif.) Alpine Club, and sponsored by Cox Enterprises, Atlanta, Ga., the climb will include six men and five women. The group will take the West Approach, never before climbed by a woman. No American woman has reached the summit of Everest by any route.

According to Kunkel, the team is on a tight schedule as fall approaches. The climb must be carefully scheduled between the end of the monsoon snows and the onset of extremely cold winter weather. The team departed the U.S. in July, returning in November.

Venezuela-Bound:

Peters To Be Trainer At Pan Am Games



PETERS

Reg Peters can hardly contain himself.

The veteran Northern Michigan University athletic trainer will be heading for Caracas, Venezuela and the Pan American Games via Miami, Fla., on Aug. 10.

Time just can't move fast enough for Peters right now. He's ready to go.

"I can't wait," he said. "I was watching the World University Games a couple of weeks ago on television and I told my wife (Kay) 'Boy, I wish I could go (to Venezuela) right now.'"

Lest you think this lengthy jaunt next month is a vacation for Peters, think again. He'll be one of 15 American trainers and five or six physicians expected to take care of the physical problems experienced by some 700 or 800 athletes at the Pan Am Games.

"Everyone kids me about going on a long vacation," the affable Peters said. "But it's not a vacation. I'll be putting in a lot of hours. Some people lose sight of what I'm going to be there for."

Peters got the plum assignment through a series of steps through the United States athletic infrastructure.

Several years ago, he volunteered his services for training centers in Squaw Valley, Calif. and Colorado Springs, Colo.

"I didn't know it at the time, but we were being evaluated for future assignments like this," the Tulsa, Okla. native said. "I did my job as best I could and through that got invited to the National Sports Festivals (in 1979, 81 and 82).

"At the second or third festival, I was told a pool of 45-50 trainers from across the U.S. was being formed for the World Games, Pan Am Games and the Olympics. From that, the names of 15 trainers are drawn for each of the three international events. It was the luck of the draw that brought me into the Pan Am Games."

Losing out on a chance to be part of the 1984 Olympics disap-

points Peters, though he's excited about going to Venezuela.

"The athletic committees are trying to cut the pie up for the trainers and I've got my piece right now. That probably makes my chances for participating in the Olympics less than before. But I'm tickled to death (about the Pan Am assignment). This is the second most prestigious event of its kind," he said.

It wasn't long ago that trainers like Peters never got a chance to serve at prime international sporting events. But thanks to Bob Beeten, coordinator of sports medicine services at Colorado Springs who challenged the National Athletic Trainers Association's ban on seeking such assignments, the same trainers aren't going to the same international events year-after-year.

"He stood his ground and fought the system," Peters says of Beeten. "He's our emancipator."

Peters won't know what particular American team he'll be assigned to at the Pan Am Games until he gets to Miami for four days of physical examinations for the participating athletes.

"I do know I'll be working with the others in a central training room, as well as being assigned to a particular team for practices and the actual competition," he said. "I'll also take dorm duty or help any athlete who needs medical assistance."

Like the rest of the trainers and physicians at the Pan Am Games, Peters will try to get ailing U.S. athletes back in action as quick as possible without benefit of many of the tools used at home.

Peters, 48, sees the climate in Venezuela in August as the most challenging aspect of his Pan Am Games job.

"Caracas is right on the Caribbean and it's warm and humid there. We'll have to see that the athletes get the proper nutrition and that they become acclimated to the heat. It takes the body a couple of weeks to get used to a change in climate. But we'll be in

Miami a few days and that will help," he said.

Due to his Pan Am Games assignment, the man who holds bachelor's and master's degrees at NMU and who has been head trainer at Northern since 1973 will miss about two weeks of Wildcat fall football practice.

"Russ McNamer is a nationally-certified trainer who's finishing his master's degree here and he and three good student trainers, along with doctors (Don) Elzinga and (Tom) will oversee the football team for the two weeks I'll miss.

"(Grid coach Herb) Grenke is happy for me and has encouraged me to go to the Pan Am Games," Peters said. "Actually, without the guidance and friendship of (NMU athletic director) Gildo (Canle) and (NMU assistant athletic director) Glenn Brown, Elzinga, Rumney and other, none of this would be possible."

A 13-year veteran of the U.S. Air Force and a self-admitted "shy, rather insecure — but honest" person, Peters is thrilled to be part of the Pan Am Games. He intends to make the most out of the experience, too, in hopes of landing a spot in the 1988 Olympics.

"It's a feather in my cap both personally and professionally, of course. But I've gotten more personal satisfaction (at being chosen to serve) than anything else. It's something I can't explain. I guess you'd have to be involved with it to know."

"But I'll be the first one to arrive and the last to leave the games. I just hope I can do the job well enough to continue to be involved in events like this for years to come in some aspect. It's such a rewarding experience I don't want anyone saying 'I shouldn't be involved because I don't fill the bill.'"

Knowing Peters, that will never be a problem.

Craig Remsburg in The Mining Journal.

Golden Wildcat Club Donates



GOLDEN WILDCAT CLUB HELPS NMU — Checks totaling \$200,975 were presented to university officials June 30 by Larry Seratti (right), president of the Golden Wildcat Club, representing payment of the organization's 1982-83 commitment to NMU's Athletic Program. Bob Pecotte (left), NMU Director of Financial Aids, accepted a \$117,475 check from Seratti to cover the cost of scholarships for student athletes while Athletic Director Gil Canale accepted a check

for \$83,500. The latter was the final payment from the NMU booster organization to help defray the cost of recruitment. Seratti lauded members of the club for "Their excellent teamwork in helping make our promise a reality." To raise the more than \$200,000, club members participated in a variety of activities ranging from a jog-a-thon to selling team photos and raffle tickets. (NMU photo)

Roberts Theatre Season Rated 'One Of Best'

The Forest Roberts Theatre has announced the 1983-84 season as "One of the best — a championship season!"

Five shows have been selected from a wide range of theatrical forms and styles. Two musicals, a zany comedy, a powerful tragedy, and the new premiere of an exciting new play have been slated, according to Director James A. Panowski.

The season opens with "Side by Side by Sondheim," a musical entertainment, September 21-24. This revue is filled with a dazzling potpourri of songs and music by Broadway's foremost composer-lyricist. Highlights include selections from "West Side Story," "Gypsy," "Company," "A Little Night Music," and many other famous musicals.

British playwright Tom Stoppard's "The Real Inspector Hound" will follow on October 5-8. This rollicking farce is a spoof of the old-fashioned mystery melodrama and keeps audiences laughing and guessing from start to finish. The author also gets in his licks at that nemesis of all theatre artists — the drama critic!

"The Bacchae," considered by many to be the greatest and most frightening of the Greek tragedies, will be presented November 9-12. Dionysus, god of wine, has come to Thebes to seek revenge. Mixing poetry, fantasy, and dramatic turbulence, Euripides weaves a tale of psychological terror worthy of Stephen King.

The Department of Music joins forces with the Roberts Theatre to bring "Cabaret" to the stage February 14-18. Joel Grey rocketed to stardom on Broadway and Liza Minnelli was featured in the film version of this famous Broadway musical. Set in Berlin on New

Year's Eve, the show contains bright, brassy, and bouncy songs by John Kander and Fred Ebb including "Cabaret," "Willkommen," "Money, Money," and "Tomorrow Belongs to Me."

Wrapping up the season April 11-14 is the winner of the Seventh Annual Forest A. Roberts/Shiras Institute Playwriting Award Competition. Internationally recognized, the contest attracts almost 500 entries annually from Broadway playwrights as well as from aspiring amateurs.

The winning author serves as Artist-in-Residence the week of the show and will be available, along with the rest of the pro-

duction team, to answer questions from the audience following each performance.

Season tickets for all five productions are now on sale. They can be purchased at the Forest Roberts Theatre box office between the hours of 1 and 5 p.m., Monday through Friday. In addition to a cash savings of 33% to 50%, season ticket holders have the benefits of choice seating, easy ticket exchange, snow checks, and SR0 priority.

Special discounts are available to NMU students, senior citizens, and members of the Armed Forces. For complete information, or to request a season brochure, call 227-2082 during regular box office hours.

'Fry-Day' Proceeds Go To WNMU-FM



Public Radio 90 staff members munch on large orders of french fries with Burger King owner, John St. Germain (second from right) in celebration of large order fry-day held recently at Burger King restaurants in Marquette, Ishpeming, and Houghton. The "Saturday is fry-day" promotion raised \$606 for Public Radio 90, donated by Burger King from the sales of large

order of fries. Pictured from left to right are: Evelyn Miscisin, promotion director; Jody Sabor, traffic coordinator; Stephen Dupras, station manager; Susan Sherman, special projects coordinator; Gregg Beukema, account representative; St. Germain, and Ron Thorley, account representative.

Izzo Takes New Job At MSU

Men's assistant basketball coach Tom Izzo has taken a one year leave of absence to serve as a part-time coach and complete work on his master's degree at Michigan State University.

Izzo, a three-year letter winner, was captain of the Wildcat cagers in his junior and senior seasons and was MVP in his final year, 1977.

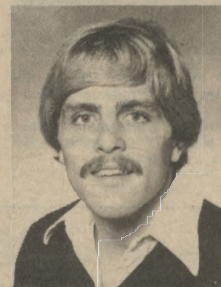
He became assistant to head coach Glenn Brown after one year as head coach at Ishpeming High School.

Duroe Wins Bronze Medal

Wildcat wrestling coach Mike Duroe won the bronze medal at 125.5 pounds in freestyle wrestling during the 1983 National Sports Festival over the Fourth of July weekend in Colorado Springs, Colo.

One of four wrestlers who qualified for the finals, Duroe lost to champion Barry Davis, who will represent the U.S. team slated for international competition in East Germany.

Duroe is slated to return to the Pan American training camp in Colorado in early August and hopes to compete in the U.S. World Team trials in Iowa City in early September before resuming his coaching duties at NMU.



MIKE DUROE

New Schedules Set Ice Hockey

Date	Opponent/Event	Site (Time)
O-14	MICHIGAN TECH	HOME (8:00)
O-15	at Michigan Tech	Houghton, MI
O-21/22	*at Illinois-Chicago	Chicago, IL
O-28/29	*at Ohio State-	Columbus, OH
N-4/5	*MIAMI (O.)	HOME (8:00 & 7:30)
N-11/12	*at Michigan State	East Lansing, MI
N-18/19	*at Lake Superior	Sault Ste. Marie, MI
N-25/26	*MICHIGAN	HOME (8:00 ? 7:30)
D-2/3	*at Ferris State	Big Rapids, MI
D-9/10	MINNESOTA-DULUTH	HOME (8:00 & 7:30)
D-16	*at Michigan Tech	Houghton, MI
D-17	*MICHIGAN TECH	HOME (7:30)
D-29/30	AT Great Lakes Invitational with Michigan, Mich. St. & Mich. Tech at Wisconsin	Detroit, MI
J-3/4	at Wisconsin	Joe Louis Arena
J-13/14	*WESTERN MICHIGAN	Madison, WI
J-20/21	*at Bowling Green	HOME (8:00 & 7:30)
J-27/28	*LAKE SUPERIOR	Bowling Green, OH
F-3/4	*FERRIS STATE	HOME (8:00 & 7:30)
F-10	*MICHIGAN TECH	HOME (8:00)
F-11	*at Michigan Tech	Houghton, MI
F-17/18	*MICHIGAN STATE	HOME (8:00 & 7:30)
F-24 -25	*at Michigan	Ann Arbor, MI
M-2/3	CCHA First Round Playoffs,	On-Campus Sites TBA
M-9/10	CCHA Finals	Joe Louis Arena
M-16/17	NCAA First Round Playoffs	On-Campus Sites TBA
M-22/24	NCAA Finals	Lake Placid, NY

*CCHA Games

Men's Basketball

Date	Day	Opponent/Event	Site (Time)
N-19	Sat	NORTH DAKOTA	HOME (2:00)
N-22	Tue	at Grand Valley	Allendale, MI (8:00)
N-28	Mon	at Wis.-Stevens Point	Stevens Pt., WI (8:30)
N-30	Wed	LAKE SUPERIOR	HOME (7:30)
D-3	Sat	at Michigan	Ann Arbor, MI (2:05)
D-5	Mon	at Detroit	Detroit, MI (7:30)
D-7	Wed	at Michigan Tech	Houghton, MI (8:00)
D-10	Sat	at Bemidji State	Bemidji, MN (8:30)
D-17	Sat	FERRIS STATE	HOME (3:00)
D-20	Tue	at Oakland	Rochester, MI (7:30)
D-29	Thur	at Eau Claire Holiday Tour	Eau Claire,
D-30	Fri	No. Dak. St., Neb.-Omaha & Wis.-E.C. WI (TBA)	
J-4	Wed	at Minn.-Duluth	Duluth, MN (8:30)
J-7	Sat	ST. NORBERT	HOME (2:00)
J-11	Wed	CARROLL	HOME (7:30)
J-14	Sat	at Ferris State	Big Rapids, MI (2:00)
J-16	Mon	RIPON	HOME (7:30)
J-18	Wed	at Wis.-Oshkosh	Oshkosh, WI (8:30)
J-21	Sat	MARYCREST	HOME (3:00)
J-23	Mon	WIS.-Parkside	HOME (7:30)
J-25	Wed	MICHIGAN TECH	HOME (7:30)
J-28	Sat	at Lake Superior	Sault Ste. Marie, MI (3:00)
J-30	Mon	LAKELAND	HOME (7:30)
F-4	Sat	GRAND VALLEY	HOME (2:00)
F-11	Sat	ILLINOIS TECH	HOME (2:00)
F-18	Sat	at Wis.-Green Bay	Green Bay, WI (8:30)
F-20	Mon	at Wis.-Parkside	Kenosha, WI (8:30)
F-25	Sat	BEMIDJI STATE	HOME (7:30)

NOTE: All times are Eastern.

Football

DATE	OPPONENT	PLACE	TIME
September 3	NORTH DAKOTA STATE	HOME	1:00
September 10	Univ. of Minn.-Duluth	Away	
September 17	Central Michigan	Away	
September 24	MICHIGAN TECH	HOME	1:00
October 1	Northeast Missouri	Away	
October 8	NORTHWOOD INSTITUTE	HOME	1:00
October 15	Grand Valley	Away	
October 22	SAGINAW VALLEY	HOME	1:00
October 29	NORTHERN IOWA	HOME	1:00
November 5	Western Illinois	Away	

MINDPOWER

Tap that source to solve our problems.