

Alumni listings now include all degrees earned

In addition to listing alumni by graduation year in *Horizons*, we now also include all diplomas and degrees earned. Previously, we only indicated a degree for master's recipients.

Alumni who attended Northern but did not receive a degree or diploma will be listed by the last year they attended the university.

Here's a guide to our diploma and degree abbreviations:

Cert: Certificate

LC: Lifetime Certificate

AA: Associate of Arts

AB: Associate of Business

AS: Associate of Science

BA: Bachelor of Arts

BS: Bachelor of Science

BFA: Bachelor of Fine Arts

BSN: Bachelor of Science in Nursing

EDS: Education Specialist

MA: Master of Arts

MS: Master of Science

MBA: Master of Business

Administration

MFA: Master of Fine Arts

MPA: Master of Public

Administration

Clarification — Get fit

On page 18 of the fall 2001 issue of *Horizons*, we ran a story on new Alumni Association benefits with the headline, "Get Fit." The story highlighted discounted recreation memberships to the NMU Recreation and Sports Complex (the PEIF, Superior Dome, and Berry Events Center). The headline led some readers to believe that the Health, Physical Education, and Recreation department had revised pricing for its GetFit program, which is different from NMU recreation memberships. We apologize for the confusion the headline has caused.

—KW

10-4 and more NMU revises enrollment goal

It is rare that adjusting a goal downward can be perceived as a good sign, but that is precisely the message NMU administrators announced at a recent university forum, shifting the fall 2005 goal from 11,200 to 10,400. The decision was motivated by two positive trends: an increase in the number of full-time students and in the number of credit hours they average.

"This enrollment revision should not imply the university isn't capable of reaching the 11-2 mark; it's simply a reflection of the changing nature of our student body," said Paul Duby, associate vice president of institutional research. "It will take fewer students to achieve the university's objectives."

A primary objective is to bring Northern's state-appropriated dollars per Fiscal Year Equated Student (FYES) closer to the average of peer institutions. FYES funding is a key statistic used by the state legislature for a fiscal comparison of universities. Northern distanced itself from peer institutions when K.I. Sawyer Air Force Base closed. Enrollment took a significant hit, but the legislature — in keeping with its standard practice of

not adjusting for headcount fluctuations — did not reduce Northern's appropriation. As a result, funding per FYES jumped, making NMU stand out from other state schools.

Northern developed an enrollment goal that would lower the state appropriation per FYES to \$5,500. The figure was \$6,601 at the end of fiscal year 2001. Because credit hours represent the common denominator in calculating FYES funding, the growing ratio of full-time students means the university will be able to reach its target with a headcount lower than initially anticipated.

Duby said increases in full-time students and credit hours can be attributed to a variety of factors. Flat-rate tuition, implemented in 1997, encourages students to take more credits in order to get more "bang for their buck." He said another factor is that NMU has expanded its recruiting areas, targeting lower Michigan and adjacent states in addition to its regional push in the Upper Peninsula. Students who travel from greater distances to come to NMU are more likely to attend on a full-time basis.



Bailey to give 25 cents' worth

Sifting through her phone messages recently, President Judi Bailey came upon one from Gov. John Engler's office. Not out of the ordinary, she thought. But when she returned the call and the governor himself came on the line to speak with her, Bailey at first couldn't make

heads or tails of what the ensuing conversation might be about.

She never would have guessed tails — as in the back side of the Michigan quarter. Engler had called to appoint Bailey to the commission that will oversee the design of our state's coin, which the U.S. Mint is scheduled to release in the early

Making the cut

NMU named to Yahoo! magazine's 100 most wired list

Northern Michigan University is the 24th most wired college in the nation and the leader among state institutions, according to the October issue of *Yahoo! Internet Life*.

The magazine conducts an annual survey that examines how colleges and universities have incorporated network technologies into campus life. It uses the information to compile its Top 100 list of most wired campuses.

An introduction to the 2001 rankings includes the following description: "Our survey inquired into an institution's sheer computing power, its integration of the Net into curricula and classrooms, its available hours of technical support for students, along with loads of other criteria. Collectively, these factors helped us determine each school's WQ (wiredness quotient) — our overall measure of a university's technology resources."

NMU is making its first appearance on the *Yahoo! Internet Life* Top 100 list, now in its fifth year. The university fully implemented a laptop computer initiative last fall, which helped fuel its ascent to the top 25.

The final ranking is based on letter grades assigned to colleges in each of six categories. Northern received an A for infrastructure, A- for student resources and tech support, B+ for e-learning and wireless, and a B- for university Web portal.

Carnegie Mellon and Stanford were named the top two wired colleges. NMU ranks just below the University of California, Berkeley. Here are the five Michigan universities that made the list, followed by their respective rankings: NMU, 24; University of Michigan, 35; Grand Valley State University, 44; Western Michigan University, 62; and Michigan State, 84.

"We are in some pretty impressive company on that list," said **Fred Joyal '70 BS, '71 MA**, provost and vice president for academic affairs. "I would love to see us crack the top 10 next year."



NMU used as example for other ThinkPad universities

Through its partnership with IBM, Northern hosted a "fly-in" during the fall semester for representatives from colleges interested in launching their own laptop computer initiatives.

The itinerary included sessions on implementation, support and infrastructure, faculty assistance, and instructional applications. Participants also heard from students and toured campus facilities.

"IBM is very proud of Northern," said Fred Joyal, provost and vice president for academic affairs. "Now they want to use our campus as a positive example and show others what is possible. We visited two other ThinkPad universities before implementing our program; naturally, others want to do the same."

Universities from the following states were represented: Arizona, South Dakota, Colorado, Idaho, Kentucky, Pennsylvania, and Wisconsin. There were also in-state observers from Lansing Community College, Grand Rapids Community College, Lake Superior State University, Central Michigan University, and Saginaw Valley State University.

"Some might consider these schools the competition, but education is also about cooperation," Joyal said. "We don't plan to give them a detailed blueprint — just a general outline and some examples. By sharing what we've done, it also helps us stay on our toes and maintain our lead in this area."

months of 2004.

"At first I thought he might be kidding and that he actually called to discuss something else," Bailey said. "When I realized he was serious, I accepted on the spot. But I had to wonder if I owed this appointment to the fact that, as a university president, I'm usually lobbying for more money to preserve the quality of higher education. I knew I couldn't

chalk it up to my expertise in artistic design."

The "50 State Quarters Program" was launched in 1997. The Michigan Quarter Commission will meet to review proposals for the design of a state quarter. It will select three to five finalists by the end of February and submit the proposals to the U.S. Mint. A winner will be announced at the end of 2002.

College updates

College of Arts and Sciences

Seaborg Center to host first Window on the Universe Week in March

From March 18-22, The Seaborg Center for Teaching and Learning Science and Mathematics and the Marquette-Alger Regional Education Services Agency will host visiting space scientists as part of *Window on the Universe Week*, sponsored by the Challenger Center for Space Science Education. The Marquette-Alger area was chosen as one of three new sites in the nation for this two-year program.

Bob Riddle, a training specialist for the Challenger Center for Space Science Education and Matthew Bobrowsky, a researcher at the Challenger Center will lead the activities for the week.

Riddle has been a science teacher and a planetarium director for more than 20 years. He has taught science to nearly all grade levels in traditional, alternative, and academically gifted settings. He has a particular interest in geomorphology, the physical processes that form and shape the surface of our planet, and how similar or different processes have changed the surfaces of other planets and moons.

Bobrowsky has made astronomical observations with a variety of telescopes — including the Hubble — that detect many wavelengths of light such as radio, infrared, visible, and ultraviolet radiation. His specialty is the study of planetary nebulae, clouds of gas expanding outward from aging stars.

Challenger Center personnel will conduct educator workshops, host three community science nights, and visit local schools to talk with students.

College of Professional Studies

School of Education receives high accreditation grades

The National Council of Accreditation for Teacher Education (NCATE) informed NMU's School of Education that its accreditation has been renewed for another five-year period.

NCATE reviews all accredited teacher education programs annually through a written report, but determines accreditation status every five years with an intensive on-campus review. Northern's on-campus visit by the NCATE Review Board took place last spring.

"We passed with flying colors. In general, the report confirms that we have a really strong education program," said Debbie Thatcher, associate dean and director of the School of Education. "The results emphasize what most people know about our program, which is that our faculty members go above and beyond to create the best learning experience possible for our students, and that we have an outstanding relationship with the K-12 school system."

Thatcher said that the NCATE and the State of Michigan accreditation process concentrate on the excellence of a university's undergraduate program, but now that the five-year review process is complete, NMU's education faculty members have committed themselves this year to doing an internal review to modify the school's graduate programs.

Two department heads make international appearances

Two of the college's nine department heads presented at international conferences in November.

Kerri Schuiling, associate dean of Nursing and director of the School of Nursing, traveled to Adelaide, Australia, to attend the Fourth Biennial International Nursing and Midwifery Conference, making a presentation on "Comfort and Labor: Midwifery Art or Paradox?" The presentation explored the idea that increasing comfort during labor may create a decreased need for medical interventions and, subsequently, lower medical costs.

Harry Whitaker, head of the Psychology department, was invited to Mexico City, Mexico, to make a presentation on "Brain and Language; Brain and Cognition" as part of the 50th anniversary celebration of the Institute for Audiology and Language.

New facilities aid NMU Speech-Language and Hearing Clinic

The move of the Communication Disorders' Speech-Language and Hearing Clinic into the newly completed Seaborg Science Complex has greatly aided the service the clinic is able to provide, according to Department Head Roger Towne.

The facility has expanded the capacity for the number of clients it is able to see. It also has allowed department members to design and add specialty areas, such as a preschool treatment area, where multiple preschoolers can be accommodated in a familiar type of environment, and an apartment laboratory, where students can work with children and adults needing hands-on assistance with functional activities.

NMU students and staff tour Mayo Clinic

NMU students had the opportunity to tour the renowned Mayo Clinic in Rochester, Minnesota, in September.

Mayo is Northern's education partner for its diagnostic genetics program, which includes an internship during a student's senior year.

Thirty-eight students accompanied Lucille Contois, head of the department of clinical laboratory sciences, to Mayo.

"The experience opened the students' eyes to the possibilities for employment in laboratory science and other health-related fields," said Contois. "They were able to witness cutting-edge technology, the latest breakthroughs in laboratory test development and application, research activities, and the variety of professional levels employed in laboratory science careers."

The day-long tours began with a presentation on cell manufacturing, which is being researched as a cancer treatment. They visited the progenitor cell laboratory, as well as the areas of blood banking, cytogenetics, molecular genetics, hematology, microbiology, biochemical genetics, and histology. The tour concluded with a question-and-answer session with a member of the Mayo Clinic human resources department.

Dendreon Corporation, a biotechnology company in Seattle, sponsored the trip after Dendreon executive and NMU Development Board of Trustee **T. Dennis George '60 BS** heard about the idea.

College of Technology and Applied Sciences

Training and development program off to strong start

A training and development master's degree program was initiated this fall at Northern Michigan University. The program is the first master's degree to

be offered in the College of Technology and Applied Sciences at NMU.

"We have around 26 new starts in the program. About 20 take courses in Marquette and the rest take two-way interactive courses in Iron Mountain," said Mark Curtis, dean of the college.

"Most master's degree programs attract about six to eight students in the first year. Because of the high enrollment, we feel very positive about the potential of this program."

Curtis said that most of the graduates of this program will work for corporations doing needs analysis and supervising training and development programs.

"Most companies are now offering continuing training and development for their employees," Curtis said. "It's a huge operation and they need professionals. This program will train those professionals."

Aviation program updates curriculum

NMU's Aviation Maintenance Technology program has revised its curriculum this fall to better accommodate its students.

The revised curriculum allows students to receive all the technical coursework and hands-on training required for certification in aviation technology in four semesters. It also prepares students for the airframe and power plant exam in four semesters. This is the exam needed to become a certified A&P mechanic.

"Previously the program required students to go year-round for an average of three years to finish," said Mark Curtis. "We did some creative rescheduling and moved the associate degree general studies courses out of the general curriculum so those courses can be taken in the summer. Now students can get their certificate and

take the exam in two years."

Curtis stressed that although some students do not seek the associate degree, those who do can now finish in two years by completing their general studies during the summer.

"We hope this will get people into the business they're interested in at the outset of their education," Curtis said.

He also said that this year the program has one of the biggest starting groups it's had in several years.

Walker L. Cisler College of Business

NMU instructor named business teacher of the year

Karin Stulz, Northern Michigan University business instructor, received the 2001 Post-Secondary Business Teacher of the Year Award.

She received the award at the annual Michigan Business Education Association convention on Oct. 18 in Mount Pleasant.

"What was most important to me about this award was that it was given to me by my peers," Stulz said. "It meant a lot to me to be thought of that way by my peers."

The MBEA nominates members for the award and a nominating committee selects the winners. Two business teacher of the year awards are granted annually to a secondary and a post-secondary teacher.

"The winner is chosen based on their service and recommendations by faculty, staff, and students," said Larry Pagel, assistant professor and president-elect of the MBEA executive board.

The MBEA is a state organization of more than 500 secondary and post-secondary business education teachers. NMU has five faculty members in the association.