



Advancing NMC's strategic directions

Life at NMC, as on most campuses, has a regular rhythm. But mixed into the everyday grind of taking and teaching classes, homework and the hunt for a parking space, some special projects are underway.

Undertaken as part of NMC's recently-adopted strategic directions, these projects are happening in classrooms, laboratories, offices and off-campus. They're engaging traditional and non-traditional NMC students, faculty and staff. And they're sharing a commitment to NMC's recently-adopted strategic directions.

Here we spotlight three projects that advance one of those directions: Establishing national and international competencies in select areas (see p. 2) connected to the regional economy.

Hybrid Dune Buggy

Pull the engine out of a Toyota Prius, drop it into the frame of a dune buggy, and what do you get? A road-worthy vehicle that allows students to install, test and observe hybrid systems in preparation for careers in the automotive industry's fast-growing hybrid sector.

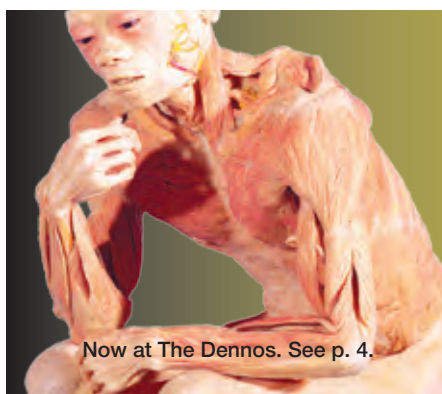
Under the direction of instructor David Bajema, the work-in-progress buggy eventually will allow students to install and test the electric battery pack, computers and associated wiring under actual driving conditions.

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Top: NMC's hybrid dune buggy team consisted of students Tohosa Hunter (driver's seat) and, left to right, Adam Parzych, Steve Hubbard, Tom Smith, Doug Seeley, Brian Vanderwall-Arnold, instructor Dave Bajema (green shirt), Nate Goddard and Ricky Leaf

Bottom: NMC Automotive instructor Dave Bajema, second from right, and hybrid automotive technology students installed a Toyota Prius hybrid engine in a dune buggy.



Now at The Dennos. See p. 4.

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NMC's enrollment, financial aid applications and fund-raising efforts all broke records this spring, underscoring the need for and value of higher education in northern Michigan



**Northwestern
Michigan
College**

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From the President

The importance of partnering



Timothy J. Nelson

The NMC Board of Trustees this year adopted five strategic directions for the college.

The cover story of this edition of NorWester features projects focusing on one of those strategic directions:

Establish national and international competencies and provide leadership in select educational areas connected to the regional economy and assets.

- Advanced Manufacturing
- Arts and Culture
- Entrepreneurship and Innovation
- Fresh Water
- Health Care
- Renewable Energy and Sustainability
- Value-Added Agriculture

Throughout these stories, you'll notice a common thread: Partnerships.

NMC has always been a collaborative institution. We have a 60-year history of engagement with partners in the Grand Traverse region, in Michigan and worldwide to improve the learning opportunities for the communities we serve.

Our University Center is just one of our many proud and successful partnerships. Some of the most current include the sponsors of our extraordinary new "Bodies Human" exhibition at the Denno's Museum Center, with the Oleson family, who continue to generously partner with us to provide the annual NMC Barbecue, set for May 22 this year, and the many collaborators who will bring us Kids Free Fishing Day June 18.

We are fortunate to be able to work with so many people and organizations who are committed to providing lifelong learning opportunities to our communities.

You, however, are our most important partner. It's because of you that we have engaged in these new directions. Please let

us know how we're doing, and let us know of opportunities where we can collaborate with others to achieve these directions. You can write to me any time at tnelson@nmc.edu.

NMC Strategic Directions

- Ensure that NMC learners are prepared for success in a global society and economy
- Establish national and international competencies and provide leadership in select educational areas connected to the regional economy and assets
- Deliver learning through a networked workforce
- Establish lifelong relationships with learners
- Transcribe most learning to establish credentials of value

NMC congratulates the following employees who retired in 2011, and thanks them for more than 400 years of combined service.

Duane Barber
Cashier/Bookkeeper-Accounts Receivable

Kathleen Guy
Vice President for Institutional Advancement

Cathy Jarvi
University Center Manager

Sally King
Assistant Director of Financial Aid

Karen Sabin
Executive Assistant to the President

Marty Trapp
Communications Instructor

Debbie Willson
General Merchandise Supervisor

Advancing NMC's strategic directions

Continued from cover

Besides establishing NMC's competency in renewable energy and the entrepreneurial angle – Bajema believes the buggy is a first-of-its-kind vehicle – the project also aligns with the strategic goal of transcribing learning into credentials.

“This vehicle and its technology appeal to our students,” Bajema said. “It's become a carrot, motivating them to sign up for the prerequisite classes needed for the hybrid electric vehicle class.”

Predictions are for 35 percent of vehicles to be hybrid by 2014, Bajema said. Thanks to the dune buggy project, his students will have an edge in the job market to service those vehicles.

“I want their resumes to go to the front of the file. I won't be totally happy until that happens.”

► To follow the dune buggy project, visit www.hybridperformance.blogspot.com

New Jobs Training Act agreements

By 2015, two Traverse City manufacturers will create nearly 50 new jobs between them, thanks to training available at NMC.

In the last six months, the college signed agreements to provide training for 13 employees at Electro-Optics Technology, Inc., which supplies components and diagnostic equipment for manufacturers and users of high power laser systems, and 35 at Century Inc., which manufactures precision steel components.

The agreements take advantage of a statewide program that works as a regional economic development tool. Community colleges offer training that enables companies to expand and create new jobs that pay well. Training costs are paid by a diversion of the payroll taxes generated by the new jobs.

“NMC has long been committed to working with local employers to diversify and improve the economy and workforce in the Grand Traverse area,” said Marguerite Cotto, vice president for Lifelong and Professional Learning at NMC. “Thanks to the New Jobs Training Act, we have created a win-win situation for these two employers and NMC.”

Left: To extract the hybrid engine, students first had to tear down the Prius.

Below: In Costa Rica, Water Studies students will work with locals like field station director Marcia Carranza, left, and fisherman José Eduardo Barrozo, right, to examine environmental issues.

Spanish boot camp/Costa Rica internships

Hundirse o flotar.

Sink or swim. Students in NMC's Freshwater Studies program – joined by others from U-M and MSU – will learn what that means at the end of this month, when they head to Costa Rica for an internship conducted in Spanish.

Before departure, they'll participate in a ten-day Spanish “boot camp” in Traverse City. Once in Costa Rica, they'll be challenged to further develop their fluency while immersed in the internship required for graduation. Among the issues they'll study at EARTH University are hydro-electric power, drinking water availability and ecotourism.

In addition to establishing NMC's competency in the area of fresh water, the trip aligns with another strategic goal.

“It's a great opportunity to develop global competencies,” said Constanza Hazelwood, an instructor in the Freshwater Studies program who will teach the Spanish boot camp and accompany the students on the trip.

Noting that state law now requires K-12 students to have two years of foreign language, Hazelwood said dovetailing language with the water studies curriculum will result in more versatile graduates.

“Instead of looking at language as an obstacle, look at it as a necessary set of skills for anybody who wants to work in this century,” she said.



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This extraordinary display of more than 100 authentic human specimens includes whole bodies and individual organs preserved through a process of plastination, a technique that replaces bodily fluids with reactive plastics. A unique opportunity to see and appreciate the human body.

More images and info: www.dennosmuseum.org

NMC names NISOD winners

Five individuals have been named the 2010-11 winners of NISOD excellence awards at Northwestern Michigan College:

Dr. Diane Emling, Sociology instructor
Linda Rea, secretary, Center for Instructional Excellence
Dr. Garyn Roberts, Communications instructor
Dr. Stephen Siciliano, Vice president for Academic Affairs
Jane Zlojutro, Business instructor

NMC is one of more than 700 community college members of NISOD, the National Institute for Staff & Organizational Development. Affiliated with the University of Texas at Austin, NISOD nominees are judged on criteria including commitment to learning, professionalism and relationships with both students and colleagues.

► Read more at www.nmc.edu/cie

College for Kids starts June 20

Stimulate and nurture the minds of kids ages 4-17 all summer long with dozens of classes in art, science, music, technology, adventure and more.

Registration is going on now. See the schedule at www.nmc.edu/ees
(231) 995-1700.



Lobdell's open for lunch this summer

Take your summer guests – or yourself – out to lunch this summer at Lobdell's, NMC's teaching restaurant. Offering a gourmet meal and an unbeatable view of West Bay, lunch will be served Tuesdays, Wednesdays, Thursdays and Fridays from June 8-July 29 (closed July 4). Reservations are available from 11:30 a.m. to 2 p.m. Call (231) 995-3120. www.nmc.edu/lobdells

Happy anniversary

To mark NMC's 60th anniversary, the names of all 21,000 donors whose contributions have made the past six decades possible were printed on a thank-you banner. The banner will be on display throughout this anniversary year. Look for your name when you visit the lobby of the Welcome Center in the Health & Science Building on NMC's main campus.

Find out about more 60th anniversary events, including the forthcoming publication of the third volume of NMC's history, "The Third Twenty Years," by local author Mardi Link at www.nmc.edu/60





Let's all do the BBQ – May 22

The 56th annual picnic under the pines will again feature extensive recycling and composting, striving toward a zero-waste goal. Tickets are just \$5 in advance and available online at www.nmc.edu/bbq, or \$6 on Barbecue Day.

Enter your Barbecue ticket in a raffle to win a full general tuition scholarship to NMC, or, new this year, a gift certificate for NMC Extended Education or College for Kids classes.



Alumni updates

2000s

Patrick H. Symons, law enforcement, 2009, was hired as an officer by the Little Traverse Band of Odawa Indians.

Derek Woodruff, 2009, owner of The Floral Underground, a floral design studio in Traverse City, took third place in the reality show "The Arrangement," broadcast in 2010 on the Logo Network.

Nicole Gorton, NMC 2000, GVSU-University Center 2004, is a 2011 recipient of the Kohl McCormick Early Childhood Teaching Award for her work as special education preschool/ kindergarten teacher working with children with autism in Chicago. The award is presented to Chicago educators who exemplify the best practices of quality early childhood teaching: dedication, innovation, leadership, respect for children and their families, and commitment to professional growth.

1970s

Linda Root, RNC, Nursing, 1975 has been selected as Vice President, Mission Integration for Kalamazoo-based Borgess Health. Root began her career at Borgess in 1998 as director of OB/GYN services.

1960s

Terry Maurer, 1964: Maurer's Grayling-based bottled water company, Ecoviva, won the 2010 medal as Best Bottled Water in the world in the 20th annual Berkeley Springs International Water Tasting Awards. Sourced from his family property in the AuSable State Forest, and bottled in biodegradable containers, Ecoviva is available in Meijer stores.

Tee up Aug. 4

Scholarships are supported with funds raised in NMC's Annual Community Campaign, as well as special events like the upcoming Scholarship Open, to be held Aug. 4 at Crystal Mountain Resort. To sponsor or play, email lcooper@nmc.edu, or call (231) 995-1021.



Plan ahead...

Mark your calendar for the following upcoming NMC events.

May 19

International Affairs Forum lecture

William B. Taylor, recent ambassador to Ukraine, will speak on "Afghanistan and Pakistan: A Political Strategy."
6 p.m., Milliken Auditorium

May 19-22

Small Works Exhibit and Sale

Peruse original art no larger than 5" x 7" and priced at \$50 or less.
Dennos Museum Center

May 20, June 11, 24

Public Viewing Nights

9 – 11 p.m., Rogers Observatory.
For more dates, see
www.nmc.edu/rogersobservatory

May 22

56th annual NMC Barbecue

11 a.m. – 5 p.m., Main Campus
(231) 995-1020

June 4

Appraisal Day Fundraiser with Don Butkovich

9 a.m. – 5 p.m., Dennos Museum Center
(231) 995-1553

June 16

International Affairs Forum lecture

Colonel Andreas Joedecke, German Army Special Forces, United Nations Department for Peacekeeping Operations, will speak on "Robust Peacekeeping—UN Blue Helmets in a Changing World."
6 p.m., Milliken Auditorium

June 18

Kids' Free Fishing Day

10 a.m. – 2 p.m., Great Lakes Campus

July 2

Aviation Fly-In

Pancake breakfast, aviation open house, Cherry Festival air show aircraft.
7 – 11:30 a.m., Aviation hangar,
2550 Aero Park Drive

August 4

NMC Scholarship Open

Crystal Mountain Resort
More info: www.nmc.edu/golf, (231) 995-1021

► Get customized NMC news and information via e-mail at www.nmc.edu/news

► Follow NMC on Twitter to find free events on campus: <http://twitter.com/NMcfree>



From the archives

Graduates walk outside the Tanis Building in this 1965 Commencement photo. NMC's Class of 2011 participated in Commencement exercises May 7. See photos online: www.nmc.edu

Get that diploma

Did you know that an associate's degree translates to more than \$350,000 in additional income over the course of a working lifetime? Don't leave the value of 64 hard-earned credits on the table – find out now if you're entitled to an NMC degree.

Perhaps you left NMC without formally applying for a degree. Perhaps you were a few credits shy, but you've since earned them at another school. Reviewing your credit status at NMC and taking steps to transfer credits back can help your career and your pocketbook. Visit www.nmc.edu/records or contact Heather Somero at (231) 995-1053 for more information.

March with NMC in the Cherry Royale Parade

Join in celebrating the college by marching with NMC in the 2011 National Cherry Festival's Cherry Royale Parade through downtown Traverse City on July 9.

NMC will provide banners from the various academic programs as well as NMC T-shirts for participants. Participants will convene at 9:30 a.m. on July 9 on State Street. Exact location TBD.

Alumni interested in participating should contact Kay Hall at khall@nmc.edu or (231) 995-1119 by June 1 to provide a shirt size and be informed of further details.





NorWestester

A Publication for
Alumni & Friends
of Northwestern
Michigan College

Spring 2011

Let's all do the BBQ!
May 22, 11 a.m.-5 p.m.



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LaMott, Wolff named NMC's 2011 Outstanding Alumni

Breast cancer advocate and NMC retiree Ruth Ann LaMott and artist Glenn Wolff are the recipients of NMC's 2011 Outstanding Alumnus award.

Created in 1988, the award recognizes alumni for professional achievement, community and professional leadership or donations of time, talent and resources to NMC.

LaMott, of Traverse City, attended NMC in 1965-66 and has taken non-credit classes continuously ever since. She worked at the college as an intern and began her professional career in 1974. Cumulatively she worked for more than 30 years at NMC, retiring in 2009 as the office manager in the Humanities Academic Area.

A breast cancer survivor, LaMott is best known in the Traverse City community for her 25 years of advocacy and support for women diagnosed and treated for the disease. LaMott has been recognized with many local and national awards for her work, which ranges from personal to public roles. On the personal end, she serves as and trains other "Navigators" to work one-on-one with newly-diagnosed women. On the public end, she co-chaired the fundraising committee for Munson Medical Center's Smith Family Breast Health clinic. Opened in 2008, the clinic offers state-of-the art digital mammography.



Ruth Ann LaMott



Glenn Wolff

Wolff, also of Traverse City, earned his associate of arts degree in 1973 and went on to earn a BFA from the Minneapolis College of Art and Design. Known for his tableaux style comprised of a central image surrounded by borders and insets, Wolff initially worked as an illustrator, contributing to publications including The New York Times, Sports Illustrated, Sports Afield and Audubon magazine.

Wolff now focuses on fine art. His commissioned work appears in the State Theatre in downtown Traverse City and the collections of institutions including NMC's Dennon Museum Center, Munson Medical Center, the University of Wisconsin Arboretum, the International Crane Foundation, the Inland Seas Education Association and the Central Park (New York City) Conservancy.

Pro bono clients have included the Dennon, the Traverse Area Arts Council, Northern Michigan Environmental Action Council, Wings of Wonder, the Michigan Land Use Institute, and the Grand Traverse Regional Land Conservancy.

Wolff is also a bass player who performs locally with the Neptune Quartet.

► Read more: www.nmc.edu/alumni