

Spring 2015

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Grand Valley State University

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GRAND VALLEY

SPRING 2015

MAGAZINE

Underground
education

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GRAND VALLEY
MAGAZINE

See the entire magazine online at
www.gvsu.edu/gvmagazine.



Connect with students, faculty, staff and alumni through Grand Valley's official social media channels.

On the cover:

Geology students stand in the gypsum mine in Wyoming. The mine is a valuable resource for students who have explored and conducted research there; see page 26. *photo by Amanda Pitts*

On these pages:

A flight of beers from Pigeon Hill Brewing Company in Muskegon is pictured; read about alumni who are involved in the area's craft brewing scene on page 16.
photo by Elizabeth Lienau



Printed on FSC®-certified paper manufactured with electricity in the form of renewable energy (wind, hydro, and biogas). The cover includes a minimum of 10% postconsumer recovered fiber.

New vice president settles into role

The new vice president for Inclusion and Equity said his first priorities are to listen and learn from community members on campus and in the area.

Jesse M. Bernal began his tenure at Grand Valley in late February. He said his time since then has been spent meeting faculty and staff members, and students.

"It is important that I get to know more about the opportunities and challenges in our community, and better understand the experiences and perceptions of all members of our diverse university," he said. "I also want to recognize and learn from the long-standing diversity champions at Grand Valley and in West Michigan who have led equity and inclusion work for decades."

He said the mission of the Division of Inclusion and Equity is to provide a rich, inclusive learning and working environment that attracts, retains and supports a diverse campus community.

"The next phase of these efforts includes working to ensure equity is embedded across the campus and ingrained in all of our functions and decision-making," he said.

One goal this year, Bernal said, is to continue to support Grand Valley in further developing its strategic priority to advance equity and inclusion work on campus. "This will require many robust conversations to better understand opportunities on campus," he said.

Bernal had served as director of the Office for Diversity and Inclusion at Santa Clara University in California, and previously was the diversity coordinator for the University of California system.



Jesse Bernal, center, is the new vice president for Inclusion and Equity.

photo by Bri Luginbill



STUDY:

Race impacts how residents rate Grand Rapids

Eighty percent of Grand Rapids residents say they would give the city a grade of "A" or "B" as a place to live, according to the results of a survey and study by Grand Valley's Johnson Center for Philanthropy.

However, the new research shows that differences in race, geography and socioeconomic status account for wide disparities in how respondents rank the city on many factors.

"A" ratings vary from 20 percent from residents of the city's southwest side to 36 percent on the northeast side, and from 14 percent for Hispanic/Latino residents, to 17 percent of black residents, and 36 percent of white (non-Hispanic) residents.

These insights and many more are drawn from the 2014 VoiceGR

survey that researchers at the Johnson Center for Philanthropy's Community Research Institute conducted last fall, seeking input from residents about the city, safety, work, health care, economy, ability to meet basic needs and more.

The Johnson Center research indicates that while the city thrives as a whole, there is a critical need to address disparities between subgroups of the population. Results show that different demographic, geographic and socioeconomic groups have very different experiences within the same city.

Full results from the report are available online at VoiceGR.com.

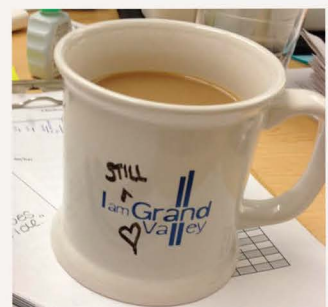
CAMPUS CHATTER

With no hesitation I typed "GVSU" in my GPS when thinking of going home. ⚓ That says a lot about my love for my university.

Posted by @MichaelynScott on December 15, 2014.

I'm still learning!
#gvsu #lakerforalifetime
#gradschool

Posted by Trisha Stevens
(@stevenszps) on March 6, 2015.



Students build mobile device for child with spinal disorder

A group of students created a device that allows a child with type I spinal muscular atrophy to move and be independent. SMA is a genetic muscle disorder that causes extreme weakness and affects 1 in 6,000 births.

The Play and Mobility Device was designed and built to give 16-month-old Lylah Gritter the ability to become mobile by controlling a joystick attached to a device she sits in. Lylah's mother, Holly Gritter, said her daughter is gaining an independence that she's never had before.

"She was terrified of the device at first because she's never been able to control anything," Holly said, "but you could see it quickly clicking with her and she realized she has this freedom."

The project is funded through a five-year, \$180,000 grant from the National Science Foundation for students and

faculty members to create specialized devices for people with disabilities.

"Lylah is very verbal and smart, but has no ability to move herself," said Lisa Kenyon, associate professor of physical therapy, who, along with a group of students majoring in physical therapy, is working with Lylah to use the device.

The creators are engineering students Brandon Johnson, Kevin Yahne, Tyler Kramer and Dustin Martin. Yahne said this third and current prototype includes improvements such as easier access for Lylah to control the joystick with her hand, and a longer-lasting battery.



Watch Lylah gain independence in a video posted online at www.gvsu.edu/gvmagazine.



Students watch Lylah Gritter in the Play and Mobility Device several engineering students designed for her.
photo by Rex Larsen

CAMPUS CHATTER

Feels great knowing my college search is over. I'll officially be attending @GVSU this fall! Can't wait to see what the future holds #Lakers

Posted by @ValerieWojo on February 23, 2015.



REPRESENTING GRAND VALLEY

How do you represent Grand Valley? Send a photo of yourself sporting Laker gear to gvmagazine@gvsu.edu and it may be seen in a future publication. Representing GV is online, visit www.gvsu.edu/gvmagazine to upload a photo and see more Lakers.

Pictured are College of Education students during their study abroad trip to Ourense, Spain; and Sandy Kremer, '83, in Alaska.



Student-produced ad for Ford launches

A Ford Motor Company ad produced by seven students from the School of Communications can now be viewed online by audiences around the globe.

The video is a byproduct of a 2014 competition that pitted Grand Valley's team against students from Calvin College and Compass College for Cinematic Arts. The challenge, presented by Ford's advertising agency Team Detroit, was to develop and produce online videos showcasing inspirational stories about people or organizations in Michigan. Grand Valley's team won the competition in December and was awarded the opportunity to continue working with Team Detroit to expand and improve their video project.

Grand Valley's video highlights Archangel Ancient Tree Archive, an organization dedicated to fighting global warming by cloning the world's largest and most iconic trees. View the video at www.gvsu.edu/s/S4.

After winning the competition, Ian Kast, the project's director of photography and a senior majoring in film and video production, traveled to California with Team Detroit and Archangel Ancient Tree Archive founder David Milarch to collect additional footage of monumental Redwood trees for the video.

Throughout January and February, the entire Grand Valley team assembled

School of Communications students Atikh Bana, Chad Rodgers, Lindsey VanDenBoom, Joseph Buckenmeyer, Ian Kast, Olga Sarayeva and Richard Iseppi and Frank Blossom, affiliate professor of communications and advisor for the team, are pictured with members of Archangel Ancient Tree Archive.

in Detroit to finalize the postproduction process with Team Detroit.

Lindsey VanDenBoom, senior advertising and public relations major, said seeing the team's final video posted alongside a plethora of other videos spotlighting Ford's current Go Further campaign created an extraordinary feeling.

West, George emphasize civility during presentation

Robert P. George and Cornel West talked about faith, love, truth, honesty, virtue and power during a presentation before a packed house at the Eberhard Center April 2 at the American Conversations season finale, hosted by the Hauenstein Center for Presidential Studies.

West, an outspoken liberal thinker and Princeton professor, presented alongside Robert P. George, who is also a Princeton professor and a noted Catholic conservative who was once called "America's most influential conservative" by the *New York Times*.

The pair has been working together for 13 years despite having diametrically



Robert P. George, left, and Cornel West share a laugh during an April presentation.
photo by Bernadine Carey-Tucker

opposed views on specific aspects of issues that touch on socioeconomic, race, ethnicity, faith and more. They teach together and present at events around the globe, but are always sure to keep an open mind to their counterpart's best ideas.

"We're just a couple of broken vessels

who share a common commitment to the pursuit of truth and common wisdom," George said.

George said the Hauenstein Center's mission of engaging extraordinary conversations, rather than encouraging "groupthink" is critical in higher education and the United States today.

Both parties expressed their respect and understanding of the other throughout the event.

"I don't see him first and foremost as a conservative thinker and conservative philosopher, I see him as my brother, my friend and someone who has a right to be wrong," West said jokingly about George. "Not wrong about everything, as we have a common bond in Christianity that we share. We have a whole lot in common and we're concerned about this experiment in democracy called the U.S.A."

George stressed the importance of having a civil discussion on difficult topics rather than seeking to win arguments against people who hold different views.

CAMPUS CHATTER

Lava Rock Beach. GV pride. #gvsu #cmgvsu #cmpuertoricosb15

Posted by Noah Taher (@newah55) on March 5, 2015.



We always have @GVSU spirit! #LakerPride #NewYearsEve

Posted by @katepilcher1 on December 31, 2014.

Scholarships offer first step to study abroad

Thanks to a collaborative effort from three campus departments, several first-generation students earned scholarships to purchase passports, the first step to studying abroad.

The Padnos International Center, Educational Support Program and the Oliver Wilson Freshman Academy Program teamed to provide passport scholarships to three students during the February 24 Passport Fair.

Alissa Lane, outreach coordinator for PIC, said the idea came from a national conference.

"It might seem like a small amount, but it's a good driver to get students interested in studying abroad," Lane said.

To apply for a scholarship, students were required to attend a Study Abroad Fair, write an essay and attend an advising session.

The three recipients are Zoie Williams, who would like to go to Australia or South Africa and shadow a veterinarian; Nina Hatter, who would like to study fashion in Italy or France; and Angel Williams, who would like to study in China.

Read more about study abroad and an internationalization initiative on page 23.



From left are Zoie Williams, Nina Hatter and Angel Williams, who earned scholarships to purchase passports.

photo by Alissa Lane

Chamberlain, Brophy have new roles

Linda Chamberlain was named the new Frederik Meijer Endowed Honors Chair in Entrepreneurship and Innovation. She fills the position first held by Bill Holsinger-Robinson. Chamberlain is a familiar face at Grand Valley and in West Michigan's entrepreneurship circles.



Linda Chamberlain

Since 2012, Chamberlain has served as director of the Michigan Accelerator Fund and has been responsible for all aspects of the Grand Rapids-based partnership that contributes to Michigan's economy by investing in companies such as life sciences, advanced manufacturing and alternative energy.



Keith Brophy

At Grand Valley, Chamberlain worked for the Center for Scholarly and Creative Excellence in the technology commercialization office. Chamberlain has served as executive director of

Grand Valley's Center for Entrepreneurship and Innovation. She also served as senior vice president for Global Forex Trading, and executive director of what is now GR Current, a business incubator.

Local business leader and entrepreneur Keith Brophy has been named state executive director of the Michigan Small Business Development Center, which is housed in the Seidman College of Business. He succeeds Carol Lopucki, who served as state director for 14 years before retiring in December.

Brophy has served on the MI-SBDC advisory board for many years. He launched his first business, Sagestone Consulting, with assistance from the SBDC.

Brophy has served as CEO of Ideomed, a care-team connected mobile health company; president of Business Development at NuSoft Solutions; and CEO/co-founder of Sagestone Consulting.

CSAL celebrates 20th anniversary

About 200 people are expected to celebrate the 20th anniversary of Grand Valley's College Student Affairs Leadership program during a weekend reunion set for June 12-13.

The graduate program in the College of Education prepares students for jobs at colleges and universities in a variety of areas such as student life, housing, advising, career services and multicultural affairs.

Bart Merkle, vice provost for student affairs and dean of students, began researching a student affairs program when he arrived at Grand Valley in 1984. Merkle and others worked to develop a curriculum with support from the College of Education. The first cohort started in 1995. The program is a blend of classroom theory and real-world experience; it also emphasizes a cultural immersion component.

The reunion includes a golf outing, dinner and campus tour. See more details or register at www.gvsu.edu/csdl.



GVSU Laker Store opens

The GVSU Laker Store opened April 13 at its new location in the Marketplace, located in the Science Laboratory Building on the Allendale Campus. Formally called the University Bookstore, the 15,000-square-foot, two-story store will include new services and Apple products.

The former bookstore in the Kirkhof Center closed April 9; that space will be renovated for dining.

ADVERTISEMENT

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2015 Dates

SESSION 1: JULY 13-17

Buckingham Group	(entering grades 1-3)	9 a.m.-noon
Westminster Group	(entering grades 4-6)	1-4 p.m.

SESSION 2: JULY 20-JULY 24

Buckingham Group	(entering grades 1-3)	9 a.m.-noon
Westminster Group	(entering grades 4-6)	1-4 p.m.

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GRAND VALLEY
STATE UNIVERSITY
THEATRE

MAKE-A-WISH CREATES LIFELONG MEMORIES FOR GOLFER

by Michele Coffill

Annika Sorenstam, once a dominant professional golfer, retired from the LPGA six years ago yet she continues to hold a special place in the hearts of the Laker women's golf team.

The women's connection to Sorenstam is Molly Esordi, a senior from Grosse Ile.

Esordi was 13 when she was diagnosed with Hodgkin's lymphoma. During Esordi's hospital stay, social workers at Detroit Children's Hospital reached out to Make-A-Wish Michigan, the organization dedicated to granting wishes for children with serious illnesses.

Esordi, a biomedical sciences major, said she knew her wish would somehow involve golf. She began walking the links and pulling a set of clubs at age 7, tagging along with her parents and grandparents at Grosse Ile Golf and Country Club.

After two months of chemotherapy, Esordi entered a clinical trial that had her bypassing radiation, a typical next step for Hodgkin's patients. The scans of her chest and lymph nodes soon showed she was cancer-free and Esordi was ready to concentrate on her wish.

"My mom told me to think of something cool that we normally wouldn't be able to do," Esordi said. "We talked about playing golf in Hawaii, but I knew I wanted to play golf with Annika."

It was more than the clutch play and jaw-dropping drives of the Swedish golfer that impressed Esordi.

"When I first met her, she had taken six months off for an injury then came back and immediately won a tournament. Watching her play used to give me chills," Esordi said.

Esordi was a ninth grader at Grosse Ile High School when she first met Sorenstam. Make-A-Wish Michigan flew Esordi and her family to Sorenstam's golf academy in Orlando.

After presenting her with a new set of golf clubs, Sorenstam led Esordi to the driving range, where they were met by 15 or so reporters with still and video cameras. "I was pretty nervous," Esordi said. "They followed us through the first two holes. After that, they left, and Annika told me it was time to relax and have fun."

After her nerves settled and the reporters left, Esordi said she played fairly well; she remembered one of Sorenstam's tremendous drives that landed within six feet of the cup on a par-4.

Her round of golf with Sorenstam was a lifetime memory for Esordi. She continued to stay in contact with

ever to play the game, so to have a chance to meet the best in our sport was a dream come true," Mailloux said.

The Lakers met Sorenstam, her trainers and staff and — a bonus — Anna Nordqvist, a Swedish golfer who at that time was relatively new to the LPGA tour.

Esordi said talk shifted from life on the LPGA tour to Vision 54, a golf philosophy that it's possible to envision and strive for shooting a birdie on every hole, thus, a score of 54 rather than a par score of 72. Mailloux brought Vision 54 to Grand Valley in 2008, her first year as head coach. "Having a firsthand interpretation of what Vision 54 meant to Annika was a great tool for the team," she said.

While few golfers can achieve a score of 54, Esordi shot 5-over 77 and helped the Lakers take second place at the Pioneer Invitational in Ohio last October. An academic standout, she has been named to the GLIAC All-Academic team every year.

The Lakers play a split season, with tournaments in the fall and spring.



Above, Molly Esordi, left, first met pro golfer Annika Sorenstam in high school through Make-A-Wish Michigan. Sorenstam, center, hosted Esordi and the Laker women's golf team at her Florida golf academy.

"ANNIKA IS THE GREATEST FEMALE PLAYER EVER TO PLAY THE GAME, SO TO HAVE A CHANCE TO MEET HER WAS A DREAM COME TRUE."

—REBECCA MAILLOUX



staff members at Sorenstam's academy throughout her high school golf career and as a first-year player for Laker golf coach Rebecca Mailloux.

It was that year when Esordi noted that the Lakers would be in Orlando during spring break, she asked Mailloux her thoughts about a possible team visit to Sorenstam's academy. Mailloux was quick to react.

"Annika is the greatest female player

Esordi projected that her last collegiate season will be bittersweet.

"I plan to take the time to enjoy my last few months of competitive play and remember how much I love the game," she said.

Esordi will graduate in December. She said she plans to enroll in a pharmacy school to earn a doctorate and would someday like to work in a hospital or for a pharmaceutical company.

+ *textbook fund helps create* **LEVEL PLAYING FIELD**

It started as a survey question to first-year students: "Have you purchased all the textbooks needed for the semester?"

When 300 students answered "no" on that retention survey, Lynn "Chick" Blue, like many donors to the university, took it upon herself to do something.

Blue, vice provost and dean of Academic Services and Information Technology, established a fund in 2013 to help students with financial emergencies buy necessary books and supplies. Since that time, donor gifts have expanded the fund and made it possible for students to receive much-needed help.

Blue said she was "surprised and saddened" when she learned about the many "no" answers to that survey question. "It's critical to make the classroom a level playing field, and that

means all students need to have the same materials."

Since then, the Student Textbook and Supplies Fund has helped hundreds of students. The fund and another to support the Educational Support Program's book fund were the focus of an alumni fundraising event last fall and a university campaign on #GivingTuesday, a national dedicated day for nonprofit giving.

The Alumni Leadership Event, held November 5, raised more than \$13,000, and 71 donors gave \$3,280 on #GivingTuesday. Jill Dooley, senior director of Annual Giving and Alumni Relations, said the campaign presents a great example of how one person can make a difference.

"#GivingTuesday allows us to look beyond the rush of that time of year and

focus on our legacy and the kind of impact a single individual can make when multiplied by many," Dooley said.

Fred Davison, '69, attended the November 5 event and said the energy in the room was amazing. "The group of people there was very committed to the university and very committed to this cause," said Davison, past Alumni Association president and board member. "Whatever their donation was, people felt like it was making an immediate impact. Getting more people involved in funds like this makes sense, then the commitment doesn't need to be so large."

Blue said the Student Textbook and Supplies Fund "strikes a chord" with nearly everyone who went to college.

"Many of us who went to college remember how much books cost," she said.



GIVING MATTERS

New scholarship honors founders

The vision of Grand Valley's founders was to help give students access to an excellent education in West Michigan. To honor that vision, the Seidman family will match all gifts to the GVSU Founders Endowed Scholarship, up to \$25,000, in honor of their parents, Bill and Sally Seidman.

The GVSU Founders Endowed Scholarship honors the original 300 founders of the university and gifts to the scholarship ensure their lasting legacy. To make a gift to the GVSU Founders Endowed Scholarship, visit www.gvsu.edu/giving/founders.

Donor wall for new science building

The university's growth in the STEM disciplines and faculty research creates a need for additional laboratories and learning spaces. The new P. Douglas Kindschi Hall of Science, which will open this fall, expands Grand Valley's capabilities to educate students in STEM fields and health sciences. In April, the building was named in honor of former dean and longtime faculty member Doug Kindschi.

Additional funding is needed for what goes on inside the building, including research and other professional development opportunities for students. To celebrate donors and their support, the Science Laboratory Building will feature a donor wall. Any size gift to the CLAS Margin of Excellence for Science fund will be recognized on the wall.

Visit www.gvsu.edu/giving/sciencelab to make a gift and learn more about the building.

New alumni gifts triple through December

First-time alumni donors can triple their impact this year as gifts up to \$500 to any fund will be matched 2:1, meaning a gift of \$50 becomes \$150. Visit www.gvsu.edu/giving/findafund to find a fund to support; the 2:1 match goes through December 31 for alumni who have not given to Grand Valley in the past.

Alumni giving is the key to Grand Valley's continued success. This 2:1 match was created to encourage more alumni to show their Laker pride this year by supporting the university with a gift of any size.

Visit www.gvsu.edu/givingalumnimatch for more information.

Thanks to donor support, nearly 300 students received money for books and supplies from the fund during the fall 2014 semester, and 150 students were helped during the first three months of this year.

Blue said the reasons students gave for not purchasing the tools they need, like a book or lab coat, varied.

"It's often that they can't afford it, but sometimes the reasons are complicated by being a first-generation student and not knowing they needed it, or not knowing that there are resources available to help," she said.

Laker family helps during crisis

First-year student Hailey Stanford, of Hudsonville, found out that her new Laker community was supportive and helpful during a time when she needed it most.

Stanford's mother, Renee Stanford, was killed in a car accident in Jamestown Township October 26. She was 42 and a single mother to Hailey, her older sister and two younger brothers.

Blue said, "When people's lives change in an instant, there are so many people at Grand Valley who ask, 'How can we help?'"

With a few phone calls, Stanford received funds from the Student Textbook and Supplies Fund, and other support that helped solidify her decision to continue her classes at Grand Valley and live on campus.

"I did think about moving home to lessen the expense of going to school but I knew that my mom wouldn't want me to do that," said Stanford, who is considering a career in health professions.

Stanford said she realizes that Grand Valley is more than a community, it's a Laker family that extends to donors, faculty members, classmates and her supervisors at her campus job in Admissions.

"When I think about how much Grand Valley and the university's supporters have done to make this easier, including money for books, it's one less thing I have to worry about," Stanford said.

Hailey Stanford, right, is pictured with her campus supervisor, Nancy Kamphuis, in the Student Services Building. Stanford received help from the Student Textbook and Supplies Fund.

photo by Bernadine Carey-Tucker



The Alumni Leadership Event, held November 5, raised more than \$13,000, and 71 donors gave \$3,280 on #GivingTuesday.

MORE THAN

13,000

Number of pieces in
Grand Valley's collection

BEHIND THE GALLERY

HOW GRAND VALLEY ACQUIRES,
DISPLAYS, PRESERVES AND
DIVERSIFIES ART

by Matthew Makowski

More than 13,000 pieces of art originating from six different continents call Grand Valley their home. They adorn the halls of 120 buildings, beautify the walkways and lawns across all campuses and regional centers, and enrich various curriculums.

120

Number of buildings at
GVSU with artwork

While students, faculty and staff members, alumni and visitors pass these pieces every day, many are likely unaware of the intricate inner workings of acquiring, displaying, preserving and diversifying Grand Valley's art collection.

The Art Galleries and Collections team understands this process best. The mission of this small, but mighty, group is to encourage the appreciation and understanding of art and its role in society through direct engagement with original works of art.

ART ACQUISITION

The first step in that mission is to acquire a diverse range of artwork through a variety of channels. While the university does purchase pieces of art, the most common way Grand Valley acquires artwork is by donation or gift.

"One example is Cyril Lixenberg, a good friend of the university who recently passed away. We have more than 500 works of art by him, most of which were gifts," said Henry Matthews, director of Galleries and Collections. "We have this incredible resource that tells the story of one artist's career right here at the university, but he's not the only one."

Matthews added that Grand Valley is an attractive option for artists.

"If artists gift their works to museums, their pieces may just get put in storage and only be displayed during a specific exhibit or rotation. At Grand Valley, we can permanently display their work," Matthews said.



SMALLEST

2"

"Bee Broach" by Stella Benvenuto, 0.5 inches high x 2 inches wide, is the smallest piece of art in GVSU's collection, located in the Mary Idema Pew Library, fourth floor

Matthews and his team do not always have to look outside of Grand Valley for donations. Cathy Marashi, assistant director of Galleries and Collections, said a large portion of the collection comes from students and faculty members.

"We go to all of the Bachelor of Fine Arts and School of Communications senior thesis shows and select artwork from the students," Marashi said. "We do our very best to represent the students; it also gives them a good start in life because they're in a permanent collection."

Matthews added that artwork is often generated from unexpected faculty members.

"Faculty artwork isn't always from art faculty members. If you're teaching poetry, we may not know that you also paint on Sundays or that you have this extra hobby," Matthews said.

Marashi said keeping the art more "home grown" adds to the diversity of the collection — representing the various ethnicities, sexualities and cultures within Grand Valley.

"We try to always make sure we represent diversity and multiculturalism. Whenever we're getting work, we want to represent all kinds of people. That just broadens the conversation about artwork," Marashi said.

Aside from donations and purchases, Grand Valley acquires art through commissioned works or via the transfer of art from one institution to another.

An example of a transfer occurred when the Grand Rapids Arts Museum gave two large Mathias Alten paintings to Grand Valley. While the museum had the paintings in its own collection, there were not opportunities to display them. Now, these paintings can be seen in the Steelcase Library reading room, located on the Pew Grand Rapids Campus, as part of Grand Valley's larger collection of Alten's works.

'THE SHUFFLE'

Once art arrives at Grand Valley, the Galleries and Collections team adheres to a processing standard that's comprised of examinations, condition analysis, repairs and database documentation. Nathan Kemler, curator of collections management, said once these steps are completed, each piece of artwork is given a unique identifier number.

"Once a home is found for the art, it moves into the prep space and we discuss how it will be presented," Kemler said.

6

Number of Art Gallery exhibition spaces

GVSU Art Gallery
Performing Arts Center,
Allendale Campus

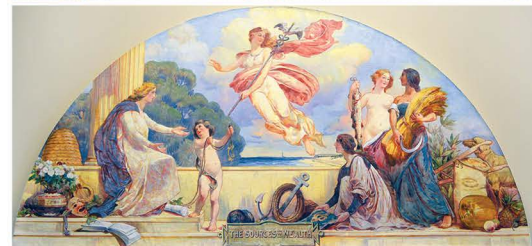
Red Wall Gallery
Lake Ontario Hall,
Allendale Campus

Thornapple Gallery
Kirkhof Center,
Allendale Campus

West Wall Gallery
L.V. Eberhard Center,
Pew Grand Rapids Campus

Blue Wall Gallery
Richard M. DeVos Center,
Pew Grand Rapids Campus

George and Barbara Gordon Gallery
Richard M. DeVos Center,
Pew Grand Rapids Campus



"The Uses of Wealth" and
"The Sources of Wealth"
by Mathias Alten

OLDEST

400
AD

"Roman Corinthian Capital," ca 400 AD, is the oldest piece in GVSU's collection, located in the Mary Idema Pew Library, first floor



Kemler explained that if a piece of artwork is two-dimensional, for example, the preparatory process is relatively straight forward. However, if it is a three-dimensional piece, more steps must be taken to ensure the proper supports and protection are in place.

While artwork can change locations at Grand Valley at any time, for any number of reasons, the introduction of new buildings often initiates a process the Art Galleries and Collections team has branded "the shuffle."

"If it's a brand-new major building, not just a quick refresh, I go to the deans who are related to that building and ask them to form an arts advisory committee," Matthews said. "Together with our staff, we work with them to make sure we have theme-oriented art to add to the mix."

Matthews added that his team strives to tell a story in each building that will benefit faculty and students alike.

"We try not to just put up pretty things to decorate halls," Matthews said. "We really try to connect what the needs are of the departments and, if at all possible, how they're going to use it for teaching purposes. Then the art really starts to be plugged into the curriculum, and that's a whole other level of using the collection."

Marashi explained that shuffles are often circular processes that can last up to a year. When art moves into a new building, a new shuffle is triggered to replace artwork in the existing buildings. Artwork is also often extracted from various buildings to be displayed during the numerous programs and events hosted by the Art Gallery each year, which include art-inspired concerts, lectures, performances, art-making activities and exhibition tours.

Stacey Tvedten, Art Gallery program coordinator, said this programming is the primary way the gallery directly engages students, faculty members and the local community with the diversity of the art collection.

"The educational component of our department allows us to connect collection holdings with specific curricular goals of faculty," Tvedten said. "Our intent is that through interaction with original works of art we can build cultural understanding, visual literacy and critical thinking skills."

MUSEUM STANDARDS

No matter the reason why a piece of art moves, the artwork must first be prepped before it can be displayed. Alison Christensen, Art Galleries and Collection preparator, said during this process there are two primary considerations: preservation and longevity.

"We're always concerned that once we have our hands on the piece, it won't deteriorate when we're matting and framing it," Christensen said.

To ensure artwork at Grand Valley has the longest life possible, the team observes a set of museum standards, including using UV Plexiglas to encase artwork, using foam core and acid-free matting, and making sure the frame is durable enough to hold security hardware.

In terms of longevity, Christensen said using acid-free matting is one of the most crucial standards to follow.

"Regular matte board is not archival and over time it starts to yellow because the chemicals used to make it can break down the artwork faster. Acid-free usually has a blend of cotton and cloth so it's a more natural process and doesn't use the same chemicals, which equals less damage to the art over time," Christensen said.

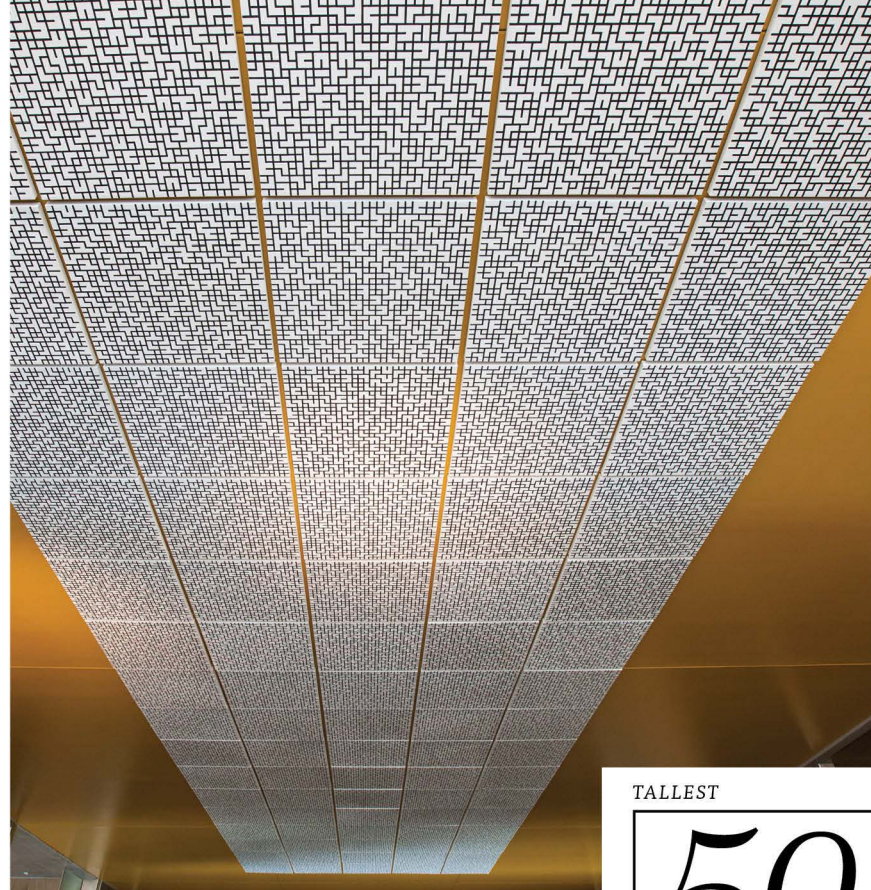
MORE THAN

3,500

Number of artists represented in the collection



"Allegory of the Death of Lincoln" by Constantine Meunier



Cyril Lixenberg stands behind his sculpture "Magela-S" located on the Pew Grand Rapids Campus.

TALLEST

50
FEET

"100 Days" by Cheonae Kim, is the tallest piece of art in GVSU's collection, located in the Mary Idema Pew Library, first floor

LOANING ART

While artwork may reside permanently in Grand Valley's collection, that doesn't mean the artwork permanently stays on campus. Kemler said since the university owns individual pieces from larger existing collections, there are instances when Grand Valley loans artwork to other institutions.

"We do have major paintings that are internationally known and we also have a lot of art going out locally in West Michigan," Kemler said. "We send art out to Saugatuck Center for the Arts, Hope College, Calvin College and many other places. They can all access our collection and we have a lot of parallels to other regional collections."

"Allegory of the Death of Lincoln," for example, recently returned to Grand Valley after being showcased amongst 850 other works of art by the late artist Constantine Meunier in a special retrospective exhibit celebrating his work at the Royal Museum of Fine Arts of Belgium in Brussels.

DIGITAL ACCESSIBILITY

Aside from making art available to global audiences through loans, the collection is digitally accessible through an online gallery and mobile app. Kemler explained the goal of the app revolves around exploration and sharing.

"The app will show you where all the art is on campus. If you go into a building, it'll show you what's on each floor or you can even look up artists by name or by our unique identifier numbers," Kemler said. "It's a way of exploring things around you and it's an easy sharing tool because social media is integrated."

Matthews said the digital accessibility of the collection is something that sets Grand Valley apart from other institutions.

"It's an extraordinary thing for an institution like ours to have its entire collection online and accessible this way. Most museums in this country — in the world — don't have that," Matthews said. "It makes us pretty special and it's an extraordinary gift."

GVM
ONLINE

Take an online tour of artwork at Grand Valley at www.gvsu.edu/gvmagazine.

View the collection www.gvsu.edu/artgallery

To get the app, search "Art at GVSU" in the app store.

"GVSU Marching Band" by Stuart Padnos, Allendale Campus near Kirkhof Center





BEER BOOM

Grand Valley alums help drive
craft beer resurgence

by Nate Hoekstra



CRAFT BEER, and the industry behind it, is in the midst of a revival that's been more than 100 years in the making, and West Michigan is becoming a national power in the quickly growing culture.

The growth of the craft beer industry over the past decade has been staggering. In Michigan, the number of breweries in operation has jumped from 73 in 2004, to more than 150 today.

Nationally, a boom is underway as well. From a low of just 44 breweries in 1979, the industry has exploded to 2,751 breweries in operation in 2012. The last time that many breweries were in operation in the United States, the union only had 38 states and Grover Cleveland was president — it was 1887.

The craft beer industry is a growing market. According to the National Brewers Association, the craft beer industry produces about 8 percent of the nation's beer and takes in about 14 percent of the nation's \$100 billion dollar beer budget.

In Michigan, beer money has a significant impact on the economy. Data from the Michigan Brewers Guild indicates that in 2014, 65 percent of all craft beer sold in the state was produced in Michigan, and the economic impact of the industry in 2014 was \$608.9 million dollars, and created 7,100 jobs.

Many Grand Valley alumni are involved in the West Michigan beer scene, either in ownership and management roles, or physically involved in the brewing itself. In many cases, they do both. The beer culture isn't limited to brewpubs and bars. Dave Huizen, an assistant professor in Grand Valley's occupational safety and health program and homebrewer, is designing a brewery safety program that's getting national attention.



BIG PASSION FOR THE ART OF BREWING

Alumni are involved in brewing operations ranging from large microbreweries with multi-state distribution to small, niche facilities focusing on a very specific product.

But a common thread regardless of size is a big passion for the craft and the culture that goes along with it.

Jason Spaulding, '95, of Brewery Vivant, said the most satisfying part of running his brewery, which specializes in Belgian-style beers, is getting someone who claims they don't like beer to try a glass of his and seeing their reaction.

"Most of the people who say they aren't beer drinkers haven't had something as unique as what we make. They've only had the beers put out by the huge American breweries. This is completely different," Spaulding said. "I love watching people's first time trying beers with real character."

Spaulding has been involved in the West Michigan craft beer culture since 1997, when he helped open New Holland Brewing Co. just two years after graduating with a degree in health sciences. He said his time at Grand Valley helped him learn who he was and really figure out what he wanted to do while providing a solid background in science that he applies to brewing. "But I may have pursued academics a little less than I pursued beer," he joked.

Spaulding left New Holland in 2005 and opened Brewery Vivant with his wife, Kris, '06, in 2010. "We noticed that in California and Colorado the craft beer industry was taking off, and it was a bit absent in Michigan, so we saw an opportunity," Spaulding said. "At first we had to explain the basics of beer to people, like what made ours different from what they'd been drinking their whole lives. Now demand has skyrocketed, and we're thrilled with where we are."

Michael Brower, '07, and Joel Kamp, '06, are two of the three owners of Pigeon Hill Brewing Company in downtown Muskegon. Brower majored in psychology and philosophy before studying law and becoming a liquor lawyer, and Kamp majored in accounting and finance. Brower handles the brewery's legal requirements while Kamp manages the business side.

"My family has been in the alcohol

industry for years, and I knew since I was a kid that I wanted to open a bar, I just never knew I wanted to do craft beer until I was exposed to it," Brower said. "I was drawn to the industry because of my family legacy, and jumped at the chance to be part of the craft beer movement."

Brower's passion for the craft side of the beer industry came when a client invited him to brew a batch at his house. That led to exploration of the craft beer scene and an epiphany. "I went in to Hopcat (a Grand Rapids brewpub) and saw hundreds of beers on tap, all different and all something I realized someone was very proud of," Brower said. "Now we operate our own brewery, and we're lucky enough to do what we love, and do it well. There's something satisfying and beautiful about creating a product with your hands. It's an art."

The passion for craft brewing doesn't stop with beer. Jason Lummen, '05, owner of The People's Cider Company in Grand Rapids, produces ciders from local apples and is excited about producing a unique product that challenges people's palates.

"I'd never experienced ciders until I went to study abroad through Grand Valley in the United Kingdom, and I got a job bartending," Lummen said. "Over there, ciders aren't like the Woodchuck you get in stores here, it's a much drier product, and far less sweet. I realized when I got back that I was passionate about making it and realized it was what I wanted to do. I spent a few years in an office job and realized it wasn't for me. I decided to run with my passion for cider."

Lummen said he loves the hands-on artistry that goes into producing each batch, from the sourcing of the apples from Kent County's Fruit Ridge (Lummen: "It's like Napa Valley but for apples.") to selecting used bourbon barrels for aging each of the batches he makes.



At left is a Pigeon Hill beer vat; at right, a worker inspects a piece of equipment at Brewery Vivant.
photo at left by Elizabeth Lienau, photo at right by Amanda Pitts



KEEPING IT LOCAL

Another common thread among craft brewers is a distinct sense of community and cooperation. Grand Valley alumna Laura Gentry, '13, who owns and operates Tripelroot in Zeeland with her husband, Nate, said running a local brewpub in a small town has been a rewarding experience.

"We have lived in Zeeland for the past 10 years, and we took an old space in downtown Zeeland from the 1800s and completely rehabbed it from the ground up," Gentry said. "We wanted to stay in Zeeland because we love the neighborhood feel."

Spaulding said the renaissance of the craft beer industry harkens back to the days when each neighborhood would have its own unique service providers. "Every town would have a local baker, a butcher, a hardware store and a pub," Spaulding said. "There's room for more growth in this industry. People like to support local businesses and take part in a business that's focused on their community. Everywhere breweries are opening in West Michigan, there is a neighborhood demand. People want to be able to go down the street and get a pint from a local place they like."

Brower, from Pigeon Hill, said community ties are what led him to open a brewery in Muskegon instead of closer to Grand Rapids, the epicenter of the West Michigan craft beer scene.

He even named the brewery after a hill a few miles away, near where he grew up.

"When we said we were opening a brewery in downtown Muskegon, people told us we were crazy," Brower said. "But now that the doors have opened, people flock here. It's a wonderful community and people are excited to support a revitalization of the city."

Kamp, also a Muskegon native and Brower's co-owner at Pigeon Hill said they made it a point to use Muskegon's history while decorating the brewery's tap room, which is managed by Brower's wife, Alana, '08, a Grand Valley alumna.

"We wanted to use the community history to build pride in our operation. We are proud of where we're from, and proud of what we're doing," Kamp said. "We want a city that's had some tough times to get a boost from us being here."



CONSUMERS AND TRENDS

Spaulding said the sophistication of consumers in West Michigan has increased over the past decade as the craft beer movement has progressed. Consumers are more willing to try beers that are unique and different, he said, which allows brewers to be more artistic and adventurous with what they brew.

"Twenty years ago, a brewery like ours that focused only on Belgian styles wouldn't have been able to make it,

because no one was familiar with the style, it would have been too risky," Spaulding said. "The fact that we can focus on such a niche style and be successful says a lot about how far the craft fans in West Michigan have come."

The brewers at Pigeon Hill are also relying on adventurous consumers, and being rewarded for their creativity. They brew an ale they affectionately call "O.C.P." which stands for Oatmeal Creme Pie, a beer that tastes exactly as the name implies that was inspired by Kamp's wife (a key ingredient is marshmallow fluff, but the recipe is secret, Kamp said). Another unique concoction is a Thai chili and lemongrass beer they served at the Michigan Brewer's Guild Winter Beer Festival.

"You have to make sure your product matches what the consumer's palate is expecting, but you also have to brew what you like to drink," Kamp said.

Tripelroot's Gentry, who makes a black IPA called Mulletude, said that craft beer fans aren't necessarily brewery-specific, they like to try lots of different styles from different places, which means possibilities for growth and continued innovation are wide open.

"Who knows what will happen in 10 or 15 years," she said. "The craft beer drinker isn't sticking with one bottle like some macro-beer drinkers. They like craft, they like the culture and the scene overall. They're going to want to keep trying new stuff."



BEER IN ACADEMIA

The craft beer industry is also providing opportunities for growth in other markets — including academia. Dave Huizen, assistant professor of occupational safety and health, is using the boom to launch a brand-new safety training program aimed strictly at brewers.

Huizen has worked with local brewers, including Spaulding, to produce a series of safety and health training videos and programs specifically related to the brewing industry. His work, supported by \$75,000 in MI-OSHA grants, is getting attention for being the first safety training series of its kind in the nation.

"The rapid growth of the craft beer industry in West Michigan means that there has been a huge increase in the number of microbreweries that are often only running with a few employees, which can make the brewing process more dangerous," Huizen said. "We saw that most of these brewers were fiercely passionate about their product, but didn't often know all the ways to help keep themselves and their employees safe."

Huizen said some of the dangers in a working brewery include harsh acids and chemicals that brewers must use to sanitize and clean equipment and kegs, confined spaces inside vessels used for mashing and fermentation,

and basic ergonomics when it comes to lifting heavy bags of grain, empty kegs, or boxes of bottles.

Huizen, an active homebrewer for 24 years who said his wife would describe him as a "beer snob," said he saw an opportunity to create a unique program for brewers while creating opportunities for students to get hands-on experience in safety roles. Several students are currently safety interns at area breweries.

The online training program called "Safe Zymurgy" (zymurgy is the science of fermentation, usually related to brewing and winemaking) is free to brewers and creates chances for students from several disciplines to get real-world experience building a training program.

"We had students from computer information systems help us build the online training site, and had film and video students helping us creating the videos for the modules," Huizen said. "It was a great way to get students from different disciplines to work together to create a unique and useful program."

Huizen said the demand for the program is out there, evidenced by the roughly 100 brewers so far who have completed the safety course.

"The brewers wanted it, but until we put it together, nothing like this existed," Huizen said.



Go behind the scenes at local breweries by watching a video at www.gvsu.edu/gvmagazine.

BEER TERMS

The world of beer is full of terms that you might not know. Here are a few that will help you explore the world of craft beer.

ALCOHOL BY VOLUME (ABV):

The amount of alcohol in a beer, described as the percentage volume of alcohol compared to the volume of beer.

BARREL: A measure of capacity used by brewers. In the United States, one barrel holds 31 U.S. gallons. A keg is a half barrel, or 15.5 gallons. A 7.75 gallon keg is often referred to as a "pony keg."

BITTERNESS: The amount of the bitter flavor an individual beer has. Traditionally measured in IBUs, or International Bitterness Units.

DRY-HOPPING: Adding dry hops to beer while it's being fermented or aged to increase aroma, flavor and taste.

FERMENTATION: Conversion of sugars by yeast into ethyl alcohol and carbon dioxide.

LAGER: A lager is a beer produced by bottom-fermenting yeast with fermentation temperatures that are much lower than ales.

PUBLICAN: Someone who manages or owns a pub.

SPECIFIC GRAVITY: The measure of density of a liquid, traditionally wort, relative to the density of water. Brewers measure gravity of wort prior to fermentation (original gravity) and after fermentation (final or terminal gravity) to determine how much of the sugar in the wort was converted to alcohol, and can thereby calculate the ABV of the beer.



Brewers at Pigeon Hill prepare grain for a brew day.
photo by Elizabeth Lienau



Reenactment takes center stage in the classroom

by Leah Twilley

Above, Andrew Newton acts as Madame Andalle during the French Revolution game.

Left, a student acts as Vincent van Gogh during the Art in Paris game, which debates principles of modernism vs. traditionalism of art in 1888. At left is Gretchen Galbraith, who brought RTTP to Grand Valley.

Picture this: it's August 10, 1792 on the streets of Paris. People are yelling "Down with the king!" and "Off with his head!" while the National Guard and a mob of Parisians storm the Tuileries Palace to overthrow King Louis XVI. It's an important day of the French Revolution.

Now picture this taking place in a classroom in Allendale, where students are the Parisians, weapons are substituted with balls of crunched-up paper, and protection from the enemy means long desks turned on their sides.

It is all part of European Civilization I and II, a yearlong sequence course for first-year students in the Frederik Meijer Honors College. The instructors, David Eick, associate professor of French, and Ellen Adams, assistant professor of art, are using Reacting to the Past (RTTP) as a way to teach their students.

RTTP is an interdisciplinary teaching method, or pedagogy, which involves complex games that are set in the past during periods such as the Renaissance, Enlightenment and French Revolution. The goal is to have students learn by taking on roles, informed by classic texts. They learn problem solving and communication skills in order to prevail in class scenarios that closely parallel historical events.

It was developed by history professor Mark Carnes at Barnard College in New York City in the late 1990s. Gretchen Galbraith, associate dean for the College of Liberal Arts and Sciences, brought it to Grand Valley in 2011.

"Reacting takes an intrinsic part of student life and incorporates it into the classroom," Galbraith said. "Students come to college to try out new identities and discover their sense of self, and that's what Reacting is all about. They take on new roles, develop new skills and experience something new."

Galbraith learned about RTTP while attending its annual institute at Barnard College, where professors from across the country come to learn and practice RTTP. Fred Antczak, dean of CLAS, encouraged her to attend.

"I walked into the first game and found people deeply engaged in the

topic, some of them in period costume. It was terrifying," Galbraith said. "I became intrigued and decided to give it a try at Grand Valley."

The first game she initiated at Grand Valley was about the French Revolution. "It was a bit messy at first, but it had a great impact. I could tell students were learning in a different way and really talking about it," she said.

Games are facilitated by game masters (professors) and each game session (class period) is led by students; they range from three to nine class periods. Each one includes a game book that outlines a historical vignette, and students are given a role sheet for their assigned historical figure that explains the character's story, motivations and goals. More than 150 games have been written and are being used in classes across the country. A list can be found at www.reactings.barnard.edu/curriculum.

Although it's not a requirement, many students get into character by making props and wearing costumes. In Eick and Adams' class, some students made red caps, which were worn by revolutionaries at the fall of the Bastille during the French Revolution.

During Eick and Adams' game, Micaela Cole, a political science major, was assigned to play Henri Baptiste Gregoire, a religious figure who was a leader of the Jacobins, a revolutionary political group of that time. She said she had a lot of objectives to complete

because her character wanted to destroy the constitutional monarchy and create a republic.

"My main takeaway from the games was an appreciation for how messy history can be," said Cole, from East Grand Rapids. "A lot of the time history can be dry, but with the games you're learning without realizing it. I found myself doing a lot of research outside of class so I could apply it in class to win my victory objectives."

Andrew Newton, an English major from Kent City, was assigned to play Madame Andalle, a member of the Parisian crowd. He said he wasn't sure what to expect at the beginning of the academic year. "I was like, 'Wait, we're playing a game at school?' But once we started playing I was able to see just how deeply you can learn things when you're actually experiencing them and finding them out for yourself," he said.

Before the start of a game, professors lecture about the historical period to provide some context. At the end of the game, the professors will spend some time unpacking the game to discuss what went wrong and what went right.

Galbraith said RTTP is powerful because it's interdisciplinary; students must write news articles, give speeches and collaborate with their classmates — all in character. At the end of

A group of students gather to discuss strategy during the French Revolution game. photos by Amanda Pitts



Historic artwork credits (pg 20, left to right):

- *Battle outside the Hotel de Ville*, Jean-Victor Schnetz [Public domain], via Wikimedia Commons
- Old postcard published by CLC 528 showing the *Gallery of Machines* built for the Paris World Exhibition in 1889, scanned by Claude Shoshany (Personal Collection) [Public domain], via Wikimedia Commons
- *Storming of the Tuileries*, Henri-Paul Motte [Public domain], via Wikimedia Commons

each game, students write two papers: one that reflects on their experience and one that involves research on a topic that piqued their interest during a game. Eleven of Adam, Eick and Galbraith's students presented their research papers at Student Scholars Day in April.

"Students have told us that they understand a historical moment better than they ever had in their experience of studying history," Galbraith said. "Two years in a row, I've had two very shy women who I saw develop greater confidence over the year. In their reflective papers they talked about how they hated giving speeches, but had decided to work as speech buddies outside of class to become more effective public speakers. It was exciting to see the progress they made."

Eick said he's heard all positive feedback from his students about RTTP, except that some become emotionally invested in the game because they're passionate about their character and want to win the game. "In those instances, I shift into coach mode and remind them that the game is about learning, not winning," he said.

Katie Torkelson, '15, majored in biology and minored in French and played games in two courses. Usually shy in new classes, Torkelson said she learned to step outside of her comfort zone in the Enlightenment game, which was written by Galbraith and Eick. The game takes place in a French salon and focuses on the politics of the intellectual movement and debate of the creation of the *Encyclopédie*. It has been used in history courses at four colleges and universities since it was created in 2012.

"I was assigned to be a woman who was an author and feminist. I would never stand up on a desk and give a passionate, five-minute speech off the bat, but that's what my character did in real life, so that's what I did. It pushed me to become a better speaker," said Torkelson, from Grandville.

Some students have presented at professional conferences because they became so engaged with their game character or research topic they continued to pursue it. Torkelson, Caitlin McCullough and Scott St. Louis were the first undergraduates

ever to present at the South Central Society for Eighteenth-Century Studies conference that took place in Alabama in February.

After playing female roles Madame Andalle and French novelist Madame Françoise de Graffigny during the Enlightenment game, Newton became interested in women from those time periods. "I actually got to read one of de Graffigny's novels as part of my research," he said. "It's a very fascinating topic. During the Enlightenment, there was this double standard that existed. There was an increase in equality for a lot of people, but there was still this mental block that a lot of enlightened men had against women."

While RTTP is also being applied in non-honors classes in the Classics and Modern Languages and Literatures departments, Galbraith hopes the pedagogy will be applied to other disciplines at

Grand Valley in the future.

"Many people are adopting this method at other universities and not just in history classrooms," said Galbraith. "For example, a scientist has used a National Science Foundation grant to create a series of games that examine the interaction between science and politics when it comes to issues like climate change and food policy."



Watch a RTTP game in action online at www.gvsu.edu/gvmagazine.

Galbraith said RTTP is powerful because it's interdisciplinary; students must write news articles, give speeches and collaborate with their classmates — all in character.

Rachel Shippy discusses art with Marcia Haas during the Art in Paris game.



GLOBAL GV

Internationalizing campus abroad and at home by Michele Coffill



Mahinur Akkaya, from Middle East Technical University in Turkey, talks with chemistry students during her exchange visit in January.

photo by Rex Larsen

A new campus initiative may make Grand Valley distinctive among its peers and give students an advantage when they search for jobs.

Global learning is not a new concept for U.S. colleges and universities. Today's interconnected and diverse world requires workers to have the skills and knowledge needed to operate effectively among different cultures, religions and ethnicities.

Grand Valley leaders began exploring how best to make global learning a campus priority three years ago. A task force concluded its work last year and recommended a strategic process to infuse global learning across the undergraduate curriculum. In 1989, a similar recommendation was mandated within the General Education program.

Mark Schaub, chief international officer, co-chaired the task force and said talking to university leaders about global learning for all undergraduates was a rather easy sell. Provost Gayle R. Davis approved it last April.

"This will make the education that students get at Grand Valley more impactful and more distinctive," Schaub said. "This is years in the making, but it will greatly set undergraduate education at Grand Valley apart from other institutions."

Of course, many degree programs already address global learning, whether it means requiring a foreign language for degree completion, or teaching nursing students about patient care in other countries. The next step, Schaub said, is to survey each program to find the level of global learning offered.

Carol Sanchez, professor of management and director of international business programs for the Seidman College of Business, also co-chaired the task force.

*Background photos courtesy
of Padnos International Center.*

For the survey, Sanchez said the task force created five levels of globalization for a program, major or course. The levels range from learning facts about other countries (level 1) to requiring students to complete an internship overseas (level 5).

"Our scope for global learning is limited in terms of resources, but we can make an impact on academics," Sanchez said.

Schaub said while it's easy to embrace the idea of incorporating global learning in a curriculum it can be difficult for some departments to do so. "People want to do this and see the value in it, but they worry about how to do it," he said.

Chemistry professor Todd Carlson said because the chemistry curriculum is essentially the same for college students worldwide, it's hard to infuse global learning within Grand Valley's program.

"Our focus has been to globalize the experience for our students and faculty members through international partnerships, taking advantage of the fact that science is a universal and global activity," Carlson said.

In late January, the department hosted a faculty member from Middle East Technical University in Turkey. Mahinur Akkaya taught a special topics course and led seminars for students interested in studying at METU. Carlson said Akkaya was his host when he visited Turkey on a Faculty/Staff Exchange Grant he received from Grand Valley's Padnos International Center.

"Every major science research center and university in the world will involve scientists and students from every corner of the globe working together," he said.

Carlson and other chemistry faculty encourage their students to participate in study abroad programs but he said few students do, largely because of the structured labs and required courses needed to graduate.

"In order to study abroad, they need to find a university where they can take science courses taught in English that align with the same courses they would be taking at Grand Valley," he said. "I found that of all our partner institutions, METU is a good fit for our science majors." The department also has a relationship with a university in Romania.

Grand Valley has nearly 30 partnerships with institutions in 19 countries. The partnerships represent a large piece of the global puzzle, as institutions serve as host for student, faculty and staff exchanges, and as a student's home campus during a study abroad experience.

STUDY ABROAD

More than 700 students participated in study abroad programs during the 2013-2014 academic year. For that recording year, the university was ranked 10th among master's degree institutions and third in Michigan for study abroad, according to the Institute of International Education.

The Padnos International Center staff members advise and guide students through a seemingly endless number of 4,000 study abroad program choices. Students can choose from faculty-led programs, internships or independent study programs, and stay in another country for two weeks or up to an entire academic year. Scholarships and grants are available to help defer expenses; 15 specific programs actually cost less than a semester at Grand Valley.

Kayla Pollard spent six months living with a host family in Barranquilla, Colombia, during the winter 2014 semester. Pollard is a Spanish major with a minor in public relations/advertising and said she wanted to be immersed in a Spanish-speaking culture. She tested so well in the language that she took all but one of her classes with native Colombians.

The skills Pollard learned served her well during an internship she had with Fiat Chrysler Automobiles in Auburn Hills. She worked in the company's multicultural division for a supervisor who was born in Colombia.

"It was so nice to have the cultural background that came from my study abroad and go to Fiat Chrysler and get to work with national and Detroit-area advertising agencies," Pollard said.

Pollard, from Oxford, said it's unusual to major in Spanish and have no aspirations to teach the language, but she has an answer for people who ask about her career plans.

"Slowly, the Spanish population is becoming the majority. I understand the culture and how they work as a population," she said. "This will benefit me in whatever I do."

After graduating in April, Pollard is now completing another internship with Fiat Chrysler, this time in Irvine, California, where she is gaining experiences in multicultural advertising and dealership relations.

Denise Debouvre works in human resources for Fiat Chrysler and said the company does not require applicants who are recent college graduates to have international experience, but those who do might have an advantage.



Left, Kayla Pollard spent a semester in Colombia. At right, anthropology faculty member Russell Rhoads earned a Fulbright Scholars award to teach and conduct research in Uganda.

"If a student or recent graduate has looked at international markets in terms of marketing, performed a case study, or can speak to international markets' demands, it would show our hiring managers that the candidate understands the intricacies of our international business," Debouvre said.

In her role at the Seidman College of Business, Sanchez has a lot of contact with business leaders in West Michigan who, she said, echo Debouvre's comments about why workers with global talents are needed.

"They tell our students that it's very important even to companies that don't have offices overseas," Sanchez said. "Your company might be supplying or sourcing out materials internationally. It's important to our country to have a globally competitive workforce."

FULBRIGHT SCHOLARS

In February, the *Chronicle of Higher Education* ranked Grand Valley second among its peers for the number of faculty members who are Fulbright Scholars, and tied for 12th place for the number of student Fulbright Scholars.

Administered by the U.S. State Department, the Fulbright program is the flagship of the country's international educational exchange programs.

For the current academic year, three Grand Valley faculty members and four students earned Fulbright awards.

Russell Rhoads, associate professor of anthropology, earned a Fulbright award to teach and conduct research in Sierra Leone. But that country's Ebola crisis had Rhoads reassigned to Uganda, with two weeks to prepare. He said the transition worked well thanks to support teams in the U.S. and Uganda. Rhoads is teaching graduate students at Makerere University and training researchers at Advocates Coalition for Development and Environment, an NGO think-tank.

GLOBAL LEARNING AT HOME

Global learning doesn't only happen in another country. Programs and practices already established on campus have built the framework to make Grand Valley a global learning community, Schaub said.

The list is extensive and includes international faculty members, like Akkaya, who teach or conduct research;

diversity among students, faculty and staff members; international students who enroll at Grand Valley for a semester or to complete a degree program; cultural programs sponsored by campus departments; and mentoring programs.

"Fit the Mitt" is a mentoring program that pairs a faculty or staff member with a new international student. The program started two years ago as an avenue to improve retention for international students and keep them engaged and connected.

Faculty and staff members who volunteer for Fit the Mitt are encouraged to meet their students regularly for coffee or lunch. One year ago, Sue Korzinek, director of Information Technology, was paired with Ina Agastra, from Albania. They met once for lunch in September and had planned to meet again, then Agastra had a bicycle accident that fractured her clavicle, shattered several bones and broke two vertebrae in her back.

Agastra said it was her new friend on campus who helped her recover.

"Sue came to the hospital the moment she heard what had happened to me and she kept visiting, we became really close," said Agastra, a double major in finance and information systems. "She was there when I most needed people in my life. I didn't have anyone here — no family, no friends."

Korzinek said their friendship grew after Agastra was released from a rehabilitation center. They continue to meet for meals or, for example, a Grand Rapids Griffins hockey game.



"I admire Ina for her resilience, determination and attitude despite what happened to her, and am so thankful that she is a part of my life and will always be a part of my life," Korzinek said.

Agastra now has a campus job working for the IT department as part of the desktop support team. She said acclimating to an American university was easier because of Fit the Mitt. "Having someone to talk to about your concerns and struggles is good. Your mentor can help you understand the culture and guide you through the process of adapting to a new country," she said.

NEXT STEPS

Forty years ago, Grand Valley, under then-President Arend D. Lubbers, established its first international partnership with Poland's Cracow University of Economics.

Global learning at Grand Valley will continue to have a visible presence on campus in several years, said task force co-chair Sanchez. A prioritized timeline includes steps such as enhancing faculty resources for internationalization, increasing the number of international students and assessing global learning methods. Learn more about the report at www.gvsu.edu/internationalization.

"We have one mantra: global learning in every major," Sanchez said. "We need to brand it; this could be Grand Valley's selling point, what distinguishes it from other universities."

Mine-crafting

photo by Amanda Pitts | by Matthew Makowski

Exploring six miles of tunnel in a 100-year-old mine containing rocks approximately 330 million years old in a West Michigan gypsum mine is just another day in the “classroom” for Grand Valley geology students like Zach Curry.

Eighty feet below the surface in the Wyoming gypsum mine owned by the Michigan Natural Storage Company, Curry has been researching mud cracks, which are the sedimentary structures found in the ceilings of the tunnels. His goal is to better understand exactly how and under what conditions these mud cracks formed.

“The gypsum mine has been one of the most valuable educational tools I have ever had,” Curry said. “It is a place where students can not only learn about geology through the rocks, but also about the history of the Grand Rapids area.”

In the early 1900s, gypsum was mined primarily for agricultural lime; however, most gypsum today is used to make plaster board. The company converted the abandoned mine into

a cold storage and document warehouse in 1957.

Curry will present his research at a regional Geological Society of America conference in Wisconsin in May.

He said the mines provide students with two essentials skills any prosperous geologist must have.

“Observation and interpretation are two critical components of becoming a successful geologist and the gypsum mine provides a perfect place to improve these skills,” Curry said.

Peter Riemersma, associate professor of geology, said since Grand Valley faculty received permission to take students into the mine for field trips, the mine has been an invaluable educational resource.

“As many students have never been underground or in a mine, it’s an activity that is filled with discovery and exploration,” Riemersma said. “The gypsum mine allows me to give the students a feel for how geologists interpret sedimentary rocks and what they can do.”



Above, Zach Curry and Mitchell Slachter conduct research in a gypsum mine in Wyoming, Michigan. The photo was taken 80 feet underground with a crew of six and three LED flashlights along with the Canon 600 EX flash, one reflector, a tripod and a remote trigger. Pitts set the 10-second exposure at f/6.3.

Watch a "Behind the Lens" video of this photoshoot online at www.gvsu.edu/gvmagazine.





Mark ten Haaf, '15, thrived in the Classics Department, learning five languages and tutoring students despite juggling a busy personal life

photo by Bernadine Carey-Tucker

Construction to Classics

Family man turned student pursues linguistic passion

by Matthew Makowski

Take a deep breath and imagine a life filled to capacity by attending school full time, studying five languages, tutoring, raising three kids under 10 years old, managing a photography business and working construction.

While this list may seem daunting to some, it's status quo for Mark ten Haaf, '15, who has been labeled an all-star student by faculty members in the Classics Department.

As a first-generation college student, ten Haaf always had aspirations to pursue higher education. That was put on hold when he started working for his father's construction company, AAA Poured Wall, during high school.

"I had notions of going back to school at some point, but I really enjoyed working construction in the summer," ten Haaf said.

ten Haaf, who lives in Kentwood with his children and wife, began taking night classes at Grand Rapids Community College in 2009. Three years later, ten Haaf began working part time for his family's business in order to attend school full time at Grand Valley.

"I tried to cram as many classes as possible into the first few days of the week so I could still work later in the week, at night, and on some weekends," ten Haaf said. Aside from "living in the library," most of his work, both for school and for his family's photography business, is completed at night after his kids go to bed.

Originally working toward attending seminary school and fulfilling necessary academic requirements in Greek, Hebrew and Latin linguistics, ten Haaf admits he "kind of stumbled" into the field of Classics.

"In the first year here, just beginning with Greek and Latin, I really became enamored with the study of the languages themselves," he said. "Language is the seed of all human thought so I've always considered it to have a really high place."

Fast forward three years and Hebrew, German and French now sit alongside Greek and Latin on ten Haaf's linguistics resume. ten Haaf said his love for Classics is rooted in the rich historical texts he studies that are still applicable in the world today.

"It's a huge collection of the finest thoughts from antiquity until now on the really important human issues," ten Haaf said. "Why do bad things happen to seemingly good people? What are Gods' feelings towards us? These questions are always going to be relevant. Material that eloquently and artfully addresses all of these issues is a real treasure I hope we never lose."

As if studying five languages wasn't enough, ten Haaf was also a dedicated tutor at Grand Valley.

Throughout the latter part of his academic career at Grand Valley, ten Haaf collaborated closely with Peter Anderson, chair of the Classics Department, on his

capstone research. Following months of intense work, ten Haaf had the opportunity to present his undergraduate research during a scholarly panel at the Classical Association of the Middle West and South conference in Fredericksburg, Virginia, in October. This is an opportunity more commonly granted to graduate students and professional scholars.

"Mark found something that filled a real intellectual passion, and that's not something that happens everywhere and for every student," Anderson said. "He is a credit to the kind of overall human that Grand Valley is interested in putting out into the workforce. He's good at giving advice, people look up to him and he handles all that with a real sense of maturity, but also with humbleness."

"He is a credit to the kind of overall human that Grand Valley is interested in putting out into the workforce."

- Peter Anderson

ten Haaf attributes much of his success to the motivation he gets from his family's encouragement.

"My wife and children make enormous sacrifices, financially and in time that could be spent together," ten Haaf said. "If I were to do things at half-throttle, I'd be making a statement about the value of the time and resources that were

sacrificed. I owe it to them to perform with excellence since this is my job right now."

Being raised by a father who believed in the value of completing tasks to the utmost of one's abilities also instilled in ten Haaf a work ethic that transcends most.

"One thing I always keep in my mind is a verse in Ecclesiastes that says, 'Whatsoever the hand findeth to do, do it with all thy might,'" ten Haaf said. "I feel obligated with whatever I'm undertaking to do it well, do it perfectly, do it absolutely as well as I can, and I've tried to do that with all of my classes."

Recovery Specialist

Grand Valley's new P. Douglas Kindschi Hall of Science is built to maximize recovery of both heat and water, which helps save resources, energy and money. The 151,000-square-foot, four-story building will open in August. The project includes construction of the Marketplace, which opened in April. The Marketplace houses food services and the new university bookstore, now called GVSU Laker Store.

Sustainability measures built into the new facility provide a 50 percent operating cost savings, a 27 percent reduction in energy costs, and help save up to two million BTU (British Thermal Unit)/hours of heating energy.

WATER RECOVERY

Stormwater management is a major component of the building design.



During storms, runoff is captured, contained and reused.



Green roof reduces impervious areas and provides short-term collection and treatment of rainfall.



Collected runoff is filtered and used for irrigation on campus athletic fields and landscaped areas.

Stormwater returns to a retention pond that was built in 2008 as part of the Kelly Family Sports Center project, which was oversized to allow for future expansion. Water from the pond is fed into the irrigation system on campus.



HEAT RECOVERY

Mechanical systems use heat recovery methods to increase building efficiency.

Heat recovery chillers provide chilled water to cool IT closets and electrical rooms, while simultaneously providing heating capacity to spaces that require it.




A rendering of the new P. Douglas Kindschi Hall of Science

ARCHITECTURE

Reclaimed wood was used on the interior of the building, which provides a unique aesthetic along with a positive environmental impact.

2
MILLION
BTU/HOURS



Heat recovery coils in the exhaust airstream can save up to 2 million BTU/hours of heating energy, saving up to \$300 per day in building heating bills.

Limestone makes up part of the building's exterior, reducing solar heat gain. On the inside, limestone helps regulate temperature, increasing efficiency.



Classrooms use demand-based systems to generate operational savings, including air-sensing technology, occupancy sensors and controlled ventilation systems.

Q&A

Harmon/DesArmo

by Dottie Barnes | photos by Amanda Pitts



Health and wellness programs and options for students, faculty and staff members at Grand Valley are expanding. The university offers more than a dozen programs for faculty and staff that promote healthy eating, physical activity and mental wellness. A variety of fitness classes, group activities, club sports and healthy meal choices are available for students.

The Recreation Center sees an average of 360,000 visits each year; there were 52,000 visits in January alone. The Board of Trustees approved a 16,900-square-foot addition to the center, scheduled to be completed in August 2016.

Grand Valley Magazine spoke with Kate Harmon, director of Campus Recreation, and Lindsey DesArmo, Health and Wellness specialist, about what it takes to create a fit campus.

GVM: The benefits of exercise and healthy eating are clear, but what has your research found about the benefits of incorporating health and wellness in the workplace or in an educational setting?

Harmon: Exercise helps with memory retention and is a stress reliever. Students feel a sense of belonging when they are involved in a sport or an activity. Many students participated in team sports in high school and look for that same opportunity in college. Our club sport opportunities fit that need, and that helps with retention.

DesArmo: Faculty and staff members who are physically healthy feel less stress, can manage their days better and feel more productive. It's not about training for a marathon or performing amazing athletic feats. Physical health is about feeling well and being able to do our everyday activities. Some find it easier to commit to a healthier lifestyle when health and wellness are promoted in the workplace.

.....

GVM: Do many participate in the available programs or visit the Recreation Center?

Harmon: We have more than a thousand students participating in club sports and last year 4,000 students participated in intramural sports. We are excited about the much-needed addition planned for the Rec Center. Last year, 17,000 students visited the Rec Center and there were 7,500 visits to the Climbing Center. We've had students waiting in line to use certain rooms and equipment. The additional space will be used for more cardio equipment and room for weight lifting.

Kate Harmon

DesArmo: Participation in the Healthy Choices program (health screens for cholesterol, glucose, blood pressure, etc.) is just under 40 percent; that's about 880 faculty and staff members out of 2,400 benefit-eligible employees. It expanded this year to include spouses and people in the household member program, so we are seeing increased participation. We had about 400 faculty and staff participate in the pedometer challenge this year, and participation has increased every year since we started.

GVM: Are we a fit campus?

Harmon: I would say we have an engaged study body. The trends across the country in terms of student health are not good. We can always do better, and we want to eliminate barriers to exercise. Also, mental health issues and obesity continue to be concerns on campuses across the country. Students who exercise have a better outlook, better moods and a better well-being. It makes sense to have the Rec Center busy during exams.

DesArmo: Overall, Grand Valley is a healthy campus. We aren't the healthiest; there is always room for improvement. Our biggest issues for faculty and staff are stress, high blood pressure, back pain and diabetes. When we look at our benchmarks we still have good numbers.

GVM: How does Grand Valley compare to other universities?

Harmon: We are more active than most campuses. Grand Valley has more than 55 club sports, which is far more than most peer institutions, and we have almost double the student participation of those institutions.

DesArmo: Grand Valley is on the forefront of employee wellness programs. While many colleges and universities have these programs in place, we

excel in having a culture of health and wellness. People are now doing things on their own besides participating in set programs and challenges. We provide support and resources, but people are engaging in their own way.

GVM: Are there any new trends or new ways to keep fit?

Harmon: Zumba continues to be popular with students and HIIT (high-intensity interval training) classes are also popular. Although not new, most students want to use cardiovascular equipment and do strength training with free weights.

DesArmo: Ergonomics is a new focus for us. Many employees are using standing desks and collaborative spaces, so relationships with Facilities Planning and Disability Support Resources are key to building an inclusive and healthy space. We also started a new initiative called Certified Healthy Departments, which means university departments can earn this status. The most popular programs continue to be group activities because of the accountability and relationships they build.

GVM: What are your goals?

Harmon: We are working on a marketing campaign to better educate students on the physical and mental benefits of exercise. We are also working with Housing on better ways to connect with first-year students.

DesArmo: We want to continue to build a culture of health and wellness on our campuses, and that culture is built through people. We want to create an environment where people can thrive, so I'm working on building those environments through policies and physical spaces that support healthy behaviors.



Lindsey DesArmo

FOR THE BIRDS

Engineering dean is 'no boring Ph.D.'

by Dottie Barnes | photos by Bernadine Carey-Tucker



**During a scary movie
the Plotkowskis hear:**

Reca: Maniacal laugh

Greyson: Shrill scream

*Tootsie: Chuckle or make
"The Grudge" sound*

Manny, Goffin's Cockatoo, 3



Greyson, Congo African Grey, 10



Stella, Congo African Grey, 2

"Hi Babe," or "Good Morning" are some of the ways Paul Plotkowski is greeted — by his pet birds.

In the 1967 song, "Talk to the Animals," Dr. Dolittle said imagine it — talking to the animals would mean he would be "no boring M.D." Well, Plotkowski is no boring Ph.D. He and his wife, Doreen, talk to and care for 11 pet birds, four dogs and seven cats. The birds are the only ones that talk back, in English.

"If properly socialized, birds interact with each other and with their owners," said Paul, dean of the Seymour and Esther Padnos College of Engineering and Computing. "They cuddle, play and talk back. They talk to each other and develop vocabularies."

Paul and Doreen call their birds by name: Izzy (Green Cheek Conure); Louie (Cockatiel); Stella, Reca and Greyson (African Greys); Rosa, Casper and Manny (Goffin's Cockatoos); Tootsie (Amazon) and Pepper (Macaw).

Most of these parrots were rescued by the Plotkowskis and brought back to good health.

The couple also own Tillie, a Mini Toucan that they keep at their store. In 2012, they purchased Casa La Parrot in Wyoming, Michigan. The store has about 100 birds for sale, representing 20 different species, from finches to macaws. They also sell bird food, toys and cages, and offer grooming and boarding.

Their interest in birds began 12 years ago when their daughter, Jessica, wanted a pet bird.

"We had all kinds of animals up to that point — hamsters and guinea pigs — and then Jessica asked for a bird. Doreen did some research and we bought Izzy at a local bird fair. We all fell in love with her," said Paul.

Doreen began to study birds and the nature of conures. "We quickly found out conures love to direct and be the flock leader," said Doreen. "Izzy is a huge bird in a little body."

Their fascination with birds grew and, within a year of purchasing Izzy, the Plotkowskis turned the lower level of their home into a place to breed birds and make bird toys. "We found out that birds entertain themselves by destroying toys, literally," said Paul. "Doreen started making bird toys using consumable items like paper, cardboard, rope and wood. Before we purchased Casa La Parrot, Doreen provided the store with toys for sale and that's how our relationship started with the owners."

The business has become a family affair. Paul designed, renovated and expanded the store, and Jessica, '13, now works there.

When the family first considered buying Casa La Parrot, Paul said they sought help from the regional Small



Along with those pictured, the Plotkowskis own 11 birds, ranging from ages 2-25

Izzy, Green Cheek Conure, 11
 Tootsie, Yellow Naped Amazon, 25
 Louie, Cockatiel, 9
 Reca, Timneh African Grey, 15
 Rosa, Goffin's Cockatoo, 31
 Casper, Goffin's Cockatoo, 5
 Tillie, Green Aracari, Mini Toucan, 3

Business Development Center (SBDC) housed in the Seidman College of Business at Grand Valley.

The SBDC provides counseling, business education, planning and technology guidance to businesses in the state. SBDC representatives helped the Plotkowskis develop a business plan and secure financing.

The store has two full-time employees and a lot of volunteers. The Plotkowskis no longer breed birds, but use the lower level of their home as a workshop to make bird toys.

Like most pet lovers, Paul and Doreen have a real connection to their birds.

"Birds are extremely intelligent and intuitive; many people don't realize that," said Paul. "Birds can really understand you and your emotions. They empathize with you. You can't just buy them and put them in a cage. It's not what they want."

The Plotkowskis said cockatoos are cuddly and like to kiss and African Greys do more than mimic, they know what to say and when to say it, and can have a conversation.

"I always tell the birds I will see them after work, or that I will see them in a couple days if I am going away for a while," said Doreen. "I try to give them a sense of timing. They understand

whether I will be home in a couple hours or a few days. Several of our birds have been in a few different homes and this helps to keep them from feeling that they are going to be abandoned."

Vacuuming at the Plotkowskis triggers some unusual behaviors. "Tootsie will wolf whistle and say, 'I'm a good boy.' All of the other birds try to climb into their water bowls to take a bath. We don't understand it, but it happens at the store, too," said Paul.

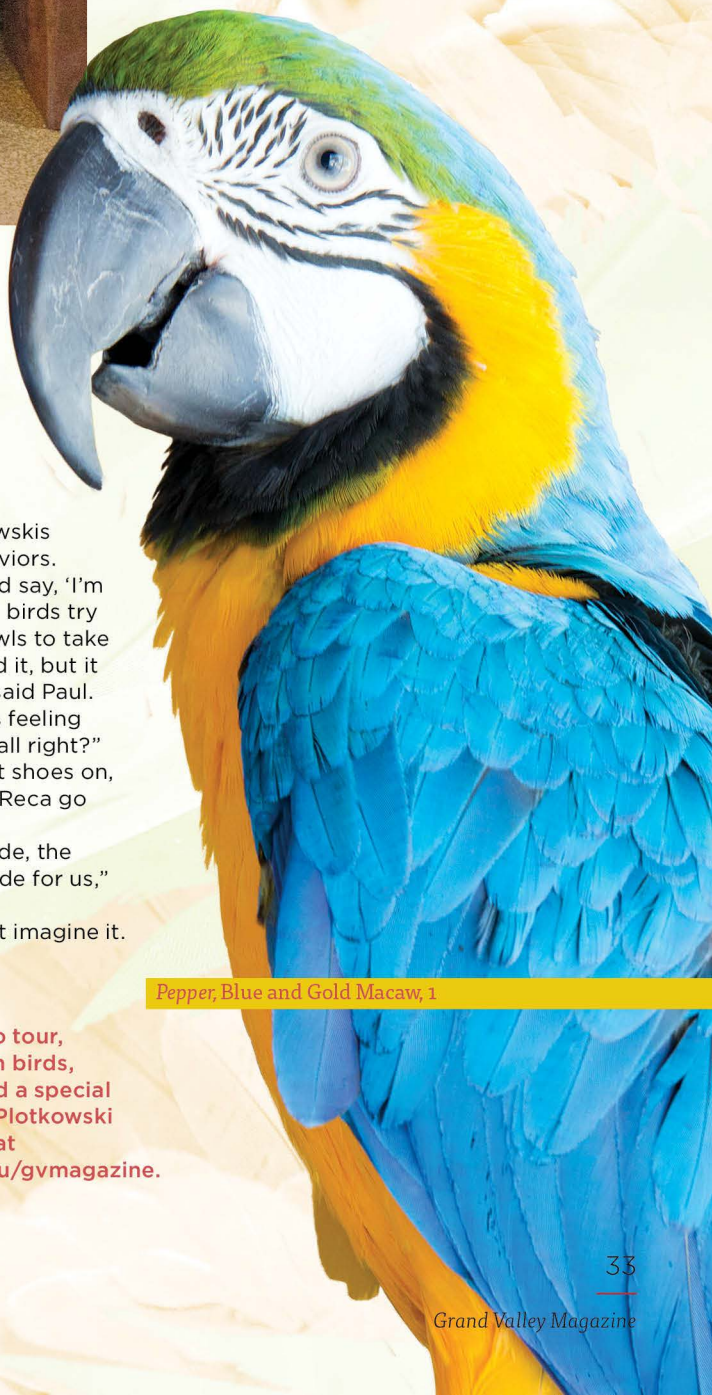
If Reca senses someone is feeling down she will say, "Are you all right?" and if she sees someone put shoes on, she will say, "Go bye-bye," "Reca go bye-bye."

"When our dogs are outside, the birds call the dogs back inside for us," said Paul.

Talking to the animals, just imagine it. The Plotkowskis are.



Watch a video tour, complete with birds, dogs, cats and a special guest, of the Plotkowski house online at www.gvsu.edu/gvmagazine.



Pepper, Blue and Gold Macaw, 1

Community project will document urban Native American history by Leah Twilley

Throughout West Michigan, Christine Stone is known for her artistic talents and knowledge of area Native American history.

Born in Tuscon, Arizona, in 1951, Stone's ancestral heritage includes Native American, specifically of the Navajo tribe. She was adopted and grew up in Grand Rapids, where she has immersed herself into the Native American community and culture. She has many stories to tell.

Stone shared her stories in February as part of a project led by a group that aims to create the first archival collection of urban Native American experiences in West Michigan. "Gi-gikinomaage-min: Defend Our History, Unlock Your Spirit" is led by the Grand Valley Native American Advisory Board and is partially funded by a planning grant from the Michigan Humanities Council, an affiliate of the National Endowment for the Humanities.

Storytelling is a Native American tradition, said Kristie Scanlon, assistant director for the Office of Multicultural Affairs at Grand Valley and member of the project group. "Stories are passed down from generation to generation, and we'd like to help through this project."

Lin Bardwell, a Grand Valley student and member of the Little Traverse Bay Bands of Odawa Indians, facilitated the one-hour interview with Stone. She asked questions about Stone's experiences and challenges.

"I remember going back to Arizona during high school and visiting the pueblo my parents built in the desert," Stone said. While she values her roots in Arizona, she said she feels the most connected to her Native community in Michigan because



Some of Christine Stone's intricate bead work is showcased at the Grand Rapids Public Museum. Below, Grand Valley student Lin Bardwell, right, interviews Stone for a Native American oral history project.

she's "a woods and water girl through and through."

Her bead work is displayed on a judicial tribal court robe and a pair of moccasins at the Grand Rapids Public Museum; she is involved in art initiatives at Grand Rapids Public Schools and she owned an art shop in Rockford. While Stone's parents are not Native American, she said they fully support her heritage.

"A lot of friends in the Native community taught me about traditions such as storytelling and dancing," she said. "Jeanette Sinclair, an important woman in the community, first taught me how to do bead work at Grand Valley Indian Lodge in Belmont."

Melanie Shell-Weiss, director of the Kutsche Office of Local History at Grand Valley, said the project comes from interest in how the Urban Relocation Program of the 20th century impacted generations of Native Americans. The program created one of the largest movements of Native Americans in U.S. history and remains largely undocumented and unexplored.

"The Native experience in Grand Rapids and West Michigan is part of a much bigger story about one of the largest forced movements of people in the world," said Shell-Weiss. "It's a story most people don't know about, so it's difficult for educators and community members to learn about it. Our goal with this project is to preserve and share history."

The project kicked off in November with a community history harvest gathering at the Nattawaseppi Huron Band of the Potawatomi Northern Health Center in Grand Rapids. The overall goal is to digitally record 50-60 stories that will be collected and shared online by Grand Valley's Special Collections and Archives Office.

Bardwell said she hopes this project will also break down some barriers and preconceived notions among the Native American community. "Some people think it's better to live on a reservation because the community is so close, and others think it's better to live in an urban area where there's more access to resources and cultural activities. That's not how it always is, so I hope this is a learning experience for some, too," she said.

The group is seeking individuals who want to share their family's stories. Individuals interested can contact Shell-Weiss at shellm@gvsu.edu.

Shell-Weiss said the current grant will be used to frame the project, identify individuals willing to share their stories and survey existing resources in West Michigan. The project team will apply for a larger grant this summer to fund the rest of the project.

"Every season we lose more and more elders who hold so much valuable information," said Bardwell. "Everyone has a story. That's the message that we want to get out to the area Native American community."





Pictured left to right are Todd Wibright, '91; Fred Taylor, '99; Tom Syswerda, '99; Chris Guile, '01; Bill Poelma, '06; Jason Pullen, '04; Scott Yonkers, '05; and Brian Vu, '04. Not pictured is Dan Boss, '03.

NATIONALLY RECOGNIZED PLANT LED BY LAKER GRADUATES

Wibright, '91, oversees staff of nine alumni at Grandville City Water Plant *by Abigayle Sloan, '07*

The Grandville Clean Water Plant is overflowing with Grand Valley graduates who are leading the way in blue energy efforts.

Nine of the 14 employees at the plant have degrees from the university ranging from chemistry to natural resources management. Todd Wibright, '91, oversees the crew as the superintendent of the facility that serves Grandville, Georgetown Township, Hudsonville and Jamestown Township in Ottawa County.

"We were looking for people who were excited about the environment that had some biology and chemistry backgrounds and Grand Valley is a great resource for filling that need," said Wibright.

Almost immediately after graduation, Wibright signed on as an operator at the plant. He worked his way up the ranks, and was promoted to superintendent in 2005. It wasn't long before his ambition for preserving the environment compelled him to assess the needs for a plant expansion. He found that the facility's growth was imperative in order to accommodate the significant need for wastewater resources in the sprawling Grandville area.

"Water really does connect," Wibright said. "People, businesses and our social structure are connected to water in some fashion. When you use water at home and you go out to a restaurant, most people don't think

about where it goes. It's all connected to a series of pipes. We have more than 75 miles of piping."

The city of Grandville agreed to invest \$25 million into the facility to double its size. With the plant's development, the city installed the first anaerobic digester in Michigan. The digester is an egg-shaped tank that breaks down waste and converts it into fertilizer for local farmers. The digester also distributes methane gas to power a connected generator, which heats maintenance and laboratory buildings on the property. The entire multi-faceted concept is called "combined heat and power," and it is estimated to save the city \$100,000 per year.

"Wastewater comes to this central location and it is 99.5 percent water. The other 0.5 percent is organic material and excess nutrients. If all those nutrients had gone out to the environment, it would be a huge burden, causing algae blooms and other environmental issues," Wibright explained.

In recent years, the Grandville Clean Water Plant has been nationally recognized for its dedication to environmental protection and sustainability. Wibright's team has received more than five state and national awards for the plant's unique process of treating wastewater, which is being duplicated in large cities like Boston, New York and Los Angeles.

A graduate of Grand Valley's chemistry program in 2004, Brian Vu works with all aspects of the plant's operations,

including lab testing and making sure the facility meets the standards set by the Environmental Protection Agency.

"We have a bunch of different parameters we test for, including phosphorous and ammonia. We are making sure that what we put out to the river doesn't affect anybody downstream," Vu said.

Approximately 6 million gallons of wastewater a day are cleaned and then returned into the Grand River watershed. By embracing the technology that makes sustainability and blue energy possible, Wibright and his staff of Lakers hope to ensure that future generations in West Michigan will enjoy the benefits of living near the water.



Anaerobic digester



Tour the Clean Water Plant by watching a video online at www.gvsu.edu/gvmagazine.



Noreen Myers, '72



Brad Wallar

Former trustee, professor recognized by Alumni Association

Noreen Myers, '72, was recognized by the Alumni Association with the Distinguished Alumni Award at the April 25 winter commencement ceremony.

Myers was the first alumna appointed to the Grand Valley Board of Trustees; she served an eight-year term from 2005-2013. She is currently a sole practitioner specializing in employment law.

Brad Wallar, associate professor of chemistry, received the Outstanding Educator Award. Wallar was nominated by his former students who recognized his dedication as a professor, advisor and research mentor. Both awardees also accepted accolades at a ceremony the evening before commencement with their friends, families and peers at the Alumni House.

Do you know someone who is deserving of the Distinguished Alumni or Outstanding Educator Award? Nominate them at www.gvsu.edu/alumni/awards.

Registration now open

GVSU Alumni Golf Outing is set for July 18. Register online at www.gvsu.edu/alumni/golfouting



Alumni events near and far



Swimming & Diving Chapter Kick-off, January 10



Seattle Club Networking Reception, January 14



African American & Latin@ Alumni Chapters Panel, January 27



Physical Therapy Alumni Reception, February 6



Nashville Alumni Networking Reception, February 19



Women in Sports & Physical Activity Event, February 21

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www.gvsu.edu/alumni



GRAND VALLEY
STATE UNIVERSITY
ALUMNI ASSOCIATION

Careers

1960s

William D. VanLente, B.A., 1969, is the clinic manager at Toiyabe Indian Health Project Inc. in Bishop, California.

1970s

Ronald Hoogerwerf, B.S., 1974, is the manager of integrated training at Hope Network Rehab Services in Grand Rapids.

1980s

Daniel R. Shaw, B.S., 1985, M.P.A., 2000, retired as chief of the Norton Shores Police Department after 30 years of public service.

David R. Dornbos, M.B.A., 1987, is a co-founder of Red Dog Logistics in Chicago, Illinois.

1990s

Daniel P. Rohn, B.S., 1993, was named the Detroit Lions Farm Bureau Insurance High School Football Coach of the Year.

Sharon L. Greer, B.N., 1996, is an integrated care specialist at Cardinal Innovations Healthcare Solutions in Charlotte, North Carolina.

Jodi L. Baron, B.A., 1999, is a priest at Grace Episcopal Church in Holland.

2000s

Todd J. Loughin, M.B.A., 2000, is the general manager at Blytheville Country Club in Belmont.

Nicole M. Meyer, B.B.A., 2000, is a misdemeanor prosecutor at the Bexar County Criminal District Attorney's Office in San Antonio, Texas.

Jacqueline A. Schafer, B.B.A., 2000, M.Tx., 2005, was appointed to the State of Michigan Domestic and Sexual Violence Prevention and Treatment Board.

Laura E. Steenwyk, M.Tx., 2002, is a principal for Rehmann Robson in Grand Rapids.

Nicholas H. Convery, B.A., 2003, is a digital supervisor for Carat in Detroit.

David M. Givskud, B.S., 2003, is an associate attorney for Secrest Wardle in Grand Rapids.

Alison M. Christensen, B.F.A., 2004, is an art gallery preparator at Grand Valley State University.

Jamon A. Alexander, B.S., 2005, is the adult program director for West Michigan Center for Arts & Technology in Grand Rapids.

Nicholas G. Fischioni, B.S., 2005, is president of the Kent County (Michigan) Lodging Association.

Caitlin J. Paynich, B.A., 2005, is the advancement marketing coordinator at the University of Findlay in Ohio.

Megan L. Carver, B.S., 2006, is a human resources assistant for Zingerman's in Ann Arbor.

Jenna A. Converse, B.A., 2006, M.P.A., 2009, is a multimedia photojournalist and video editor at WUSA-TV in Washington, D.C.

Megan M. Eding, B.A., 2006, is the senior academic advisor at the University of New Mexico.

Amanda M. Lechenet, B.B.A., 2006, is the corporate sustainability strategy manager for Coach Inc. in New York City.

Dustin C. Mier, B.S., 2006, is a fitness guide at Spectrum Health in Grand Rapids.

Christina L. Jackson, B.S., 2007, M.Ed., 2012, is the Black/African American student retention specialist in the Division of Equity and Inclusion at the University of Oregon.

Megan E. Bravo, B.A., 2008, 2014, is a human resources representative for the Kent District Library.

Latricia D. Trice, M.S., 2008, is the vice president of marketing and communications for the Grand Rapids Area Chamber of Commerce.

Amanda S. Van Essen, B.B.A., 2008, is the Ottawa County Republican Party Chair.

Robert D. Brogan, B.A., 2009, is an interaction designer at FJORD in New York City.

Mark D. Bryson, B.S., 2009, is a packaging assistant for New Holland Brewing Company in Holland.

Michael K. Krombeen, B.S., 2009, is in governmental relations for Midwest Strategy Group in Lansing.

William P. McGahan, B.S., 2009, M.P.A., 2014, is the supervisor of patient accounts for Pine Rest Christian Mental Health Services in Grand Rapids.

Kevin M. Rapes, B.B.A., 2009, M.B.A., 2013, is a financial analyst for Spectrum Health in Grand Rapids.

Travis M. Ernst, B.B.A., 2010, is in business development at Rua Associates in Zeeland.

Marlow N. Metcalf, B.S., 2010, is a field operations manager for Hand and Stone Massage and Facial Spa for the Midwest.

Laura M. Reindel, B.B.A., 2010, is the senior regional marketing coordinator for Rehmann in Saginaw.

Jacquelyn M. Sly, B.A., 2010, B.B.A., 2010, is the director of communications and donor relations for NAMI of Collier County in Naples, Florida.

Michael K. Soltis, M.H.A., 2010, M.P.A., 2010, is a manager of system quality analytics for Spectrum Health.

2010s

Jenna L. Carrigan, B.A., 2011, is the membership services manager for Girl Scouts Carolinas Peaks to Piedmont in Asheville, North Carolina.

Mathew R. Cassidy, B.B.A., 2011, is a senior collateral underwriter for Quicken Loans in Detroit.

Tania A. Melton, B.S., 2011, is a veterinary technician for the Humane Society of West Michigan.

Jennifer M. Walen, M.H.A., 2011, is the director of physician revenue cycle for the Baptist Medical Group in Germantown, Tennessee.

Kirstyn M. Wildey, B.B.A., 2011, is an associate for InSite Capital in Holland.

Bee Yang, B.A., 2011, is the assistant director for fraternity and sorority life at Johnson & Wales University, Providence Campus in Providence, Rhode Island.

Tracy M. Gershon, B.S., 2012, is a team communications specialist at Greektown Casino-Hotel in Detroit.

Kristina R. Green, B.S., 2012, is a recruiting team captain for Quicken Loans in Detroit.

Todd D. Lukasiewicz, B.S., 2012, is a software engineer for Hivelocity Inc. in Meguro-ku, Tokyo.

Eric M. Brefka, B.S., 2013, is a photojournalist at WXMI-TV FOX 17 in Grand Rapids.

Matthew R. Churay, B.B.A., 2013, is a continuous improvement senior analyst at DTE Energy in Troy.

Nicholas E. Guiher, B.S., 2013, is an operations technician at WXMI-TV FOX 17 in Grand Rapids.

Aaron W. Offringa, B.B.A., 2013, is a sales engineer for Vibration Research Corporation in Jenison.

Haley K. Schemmer, B.B.A., 2013, is a human resources specialist for Columbian Enterprises, Inc. in Grand Rapids.

Victoria A. Smith, B.A., 2013, is an executive assistant for Quicken Loans in Detroit.

Hayley J. VanOeveren, B.S., 2013, is a marketing project coordinator at the Health and Safety Institute in Grand Rapids.

Rachel Stewart, B.S., 2014, is the advocacy and event coordinator for the Muskegon Lakeshore Chamber of Commerce.

Jennifer K. Thomas, B.S., 2014, is an orthotics patient coordinator at Mary Free Bed Hospital Rehabilitation Center in Grand Rapids.

Rocio Vera, B.S., 2014, is a give a wow specialist at Terryberry Company in Grand Rapids.

Celebrations, Births, Weddings

1990s

Thomas D. Coy Jr., B.S., 1998, and Archie Lyons on July 31, 2014.

2000s

Amy J. (Sterrett) Philpott, B.S., 2000, and Benji Philpott announce daughter, Clara Catherine, born August 25, 2014. Clara is welcomed by brother Franczek. The family resides in Shelbyville, Tennessee.

Jessica H. (Vandermeer) Scudder, B.B.A., 2001, and **Mack Scudder, B.S., 2012**, announce sons, Beck Lennon and Jude Elijah, born February 19, 2015. The family resides in Belmont.

Meghan L. (Kirsch) Trowbridge, B.S., 2001, and Isaac B. Trowbridge announce son, Benjamin William, born January 23, 2014. Benjamin is welcomed by sister Avery. The family resides in Zeeland.

Lindsay Kristin (Buckley) Ludtke, B.S., 2002, M.S., 2005, and **Chad William Ludtke, B.S., 2004, M.Ed., 2009**, announce daughter, Elise, born July 29, 2014.

Elise is welcomed by brother Kaiden. The family resides in Troy.

Kevin J. Schwemmin, M.Ed., 2002, and **Mandi McNulty** announce son, Gunnar Schwemmin, born August 4, 2014. The family resides in Port Saint Lucie, Florida.

Angela M. (Sharper) Brown, B.S., 2004, and **Kyle J. Brown, B.S., 2005**, announce son, Emmerson Jack, born July 6, 2013. The family resides in Fairfax, Virginia.

Cynthia R. (Anderson) Lopez, B.S., 2004, and **Jeffrey A. Lopez, B.B.A., 2004**, announce son, Adam, born August 15, 2013. The family resides in Naperville.

Dawn R. (Schout) Vander Toorn, B.A., 2004, and **Eric Vander Toorn** on May 31, 2014.

Dawn E. Loeprich (Kuiper), B.S., 2005, and **Zack Loeprich**, announce son, Grayson Frederick, born January 24, 2014. Grayson is welcomed by sister Leah. The family resides in Portage.

Sharese N. (Shannon) Mathis, B.S., 2005, and **Carl Mathis** on November 9, 2013.

Sarah L. (McPherson) McDade, B.S., 2005, and **Craig R. McDade, B.S., 2005**, announce son, Adam Robert, born October 19, 2014. Adam is welcomed by brother Carson and sister Grace. The family resides in Belleview, Florida.

Christine L. Brown, B.B.A., 2006, and **Ralph Pompa** on October 25, 2014.

Nathan W. Olson, B.S., 2006, and **Sarah Olson** announce daughter, Sophie, born March 29, 2013. The family resides in Belleville.

Elizabeth L. (Dome) DeBruyn, B.S., 2007, and **Jordan C. DeBruyn, B.A., 2008**, announce son, Silas Allen, born August 6, 2013. The family resides in Wyoming.

Jamie L. (Skene) Gillespie, B.S., 2007, and **Matt** announce son, Grayson Matthew, born

September 23, 2014. Grayson is welcomed by brother Jackson. The family resides in Niles.

Lisa R. (Heeter) Hyma, B.A., 2007, and **Kyle Hyma** announce son, Asher Benjamin, born July 5, 2014. Asher is welcomed by brother Titus. The family resides in Maumee, Ohio.

Alexander E. Lazar, B.B.A., 2007, and **Elizabeth R. (Stielau) Lazar, B.S.W., 2007**, on August 16, 2014.

Ashley J. (Nowak) Seeburger, B.S., 2007, and **Aaron M. Seeburger, B.B.A., 2006**, announce son, Brooks Michael, born April 23, 2014. Brooks is welcomed by sisters Laila and Scarlett. The family resides in Blissfield.

Michael R. Stewart, B.B.A., 2007, and **Chelsea L. Kenny** on September 27, 2014.

Cody M. White, B.S., 2007, and **Kathleen (Kalsted) White, B.B.A., 2007**, on October 25, 2014.

Allison D. (Price) Wynbissinger, B.S., 2007, and **Andrew Wynbissinger** announce daughter, Sonora Faye, born September 12, 2014. The family resides in Muncie, Indiana.

Scott T. Ayotte, B.B.A., 2008, and **Sarah L. (Stuart) Ayotte, B.S., 2010, D.P.T., 2013**, on October 11, 2014.

Kiersten A. Schulte-Miller, B.A., 2008, and **David M. Miller, B.A., 2007, M.P.A., 2010**, announce son, Jack Michael, born December 7, 2014. The family resides in Lake Odessa.

Annika R. (Cunningham) Breimayer, B.A., 2009, and **Josh T. Breimayer, B.S., 2009**, announce son, Darren, born June 7, 2014. The family resides in Grand Haven.

Tiffany E. (Beaudry) Clarke, B.S., 2009, M.S.W., 2011, and **Adam M. Clarke, B.B.A., 2009**, announce daughter, Kennedy Pepper, born December 29, 2014. The family resides in Grand Rapids.

Jonathan R. McCarrell, M.B.A., 2009, and **Julane McCarrell** announce daughter, Ava Grace, born November 3, 2014. Ava is welcomed by brother Levi. The family resides in Hudsonville.

Jasmin S. McKinney, B.S., 2009, and **Andrea L. (Gilbert) McKinney, B.B.A., 2008**, announce daughter, Rian, born October 30, 2014. The family resides in Grand Rapids.

2010s

Lauren R. (Ostrowski) Korolewicz, B.S., 2011, and **Jacob Korolewicz** on September 27, 2014.

Zachary J. VanOsdol, B.S., 2011, and **Kelly E. (Mahal) VanOsdol, B.S., 2011**, on September 1, 2011.

Cody J. Rose, B.S., 2012, and **Claire M. Harrison, B.A., 2006, M.P.A., 2012**, on May 23, 2014.

Samantha (Vinton) Roth, B.A., 2012, and **Nathaniel Roth** on September 6, 2014.

DeLain F. Bomer, B.S., 2013, and **Emily Bomer** on February 21, 2015.

Sara A. (Stover) Davis, B.S., 2013, and **Zachary Davis** on September 20, 2014.

In Memoriam

1970s

Ronald B. Phillips, B.B.A., 1976, of Edmonds, Washington, on May 10, 2014.

1980s

Curt H. Veeneman, B.A., 1981, of Stockton, California, on November 26, 2014.

Jeffrey D. Vereecke, B.B.A., 1983, of Adrian, on July 21, 2014

Corrections

Katherine M. (Lindt) Witkowski, B.S., 2005, M.P.A., 2009, and **Michael Witkowski**, on April 26, 2014.

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100,000 *Lakers* STRONG

Dale Boedeker, second from left, accepts congratulations from Chris Barbee, director of Alumni Relations, that he is the 100,000th student to graduate from Grand Valley.

photo by Amanda Pitts

