A TRANSFORMATIONAL INVESTMENT

HOME SWEET ECO HOME

BOB KAGLE
FLINT’S OWN VENTURE CAPITALIST
‘Hometown Boy Does Good’
Bob Kagle ’78, a Flint native, venture capitalist and founder of Benchmark Capital, returned to campus in June to speak to Kettering University’s summer graduates.

Home Sweet Eco Home
Amanda Godward ’05 used her Mechanical Engineering background and passion for the environment to found Ecotelligent Homes, a home energy auditing company.

Burning Man
Joseph Lombardi, an Electrical Engineering student at Kettering University, ran Recycle Camp at Burning Man in Nevada’s Black Rock Desert in September.

Alumni Award Winners Announced
Ten outstanding Kettering University alumni were honored at the annual Alumni Reunion Weekend Sept. 7-9.
The Kettering of today is built upon GMI’s legacy of excellence, and we celebrate this heritage and recognize its importance to our future. There is a uniqueness to Kettering, and the impact that this University has had on our students, our region and our nation is reflected in the passion and successes of our alumni, faculty and friends.

No one does it like we do – and our alumni are the wellspring from which our outstanding national and international reputation flows. You make this a great institution, and you help make it possible for us to realize a bright and dynamic future.

Recognizing this, in September we again celebrated Alumni Reunion Weekend. The event provided us with an opportunity to reconnect with, recognize and thank many of our distinguished alumni whose remarkable professional accomplishments model for our students the limitless possibilities of a Kettering education.

Alumni Weekend also gave us an opportunity to show our alumni the extraordinary things that are happening at Kettering right now. The University is growing, enrollments are strong and growing, and our standards have never waivered. There is energy in the air. The redesigned alumni magazine that you hold in your hands is just one of the many new ways we are sharing this story with our alumni, students, faculty, staff and stakeholders.

In this issue, you will read in detail about the largest investment in Kettering University’s history, a $15.5 million grant from the Charles Stewart Mott Foundation, which will transform our campus and our programs. You will read about Kettering’s selection as a member of the highly prestigious US Ignite Partnership, which will link us to the nation’s premier ultra-fast broadband network – and permit us to develop and deploy cutting-edge internet applications and services for societal benefit. You will read about some of our many successful alumni, including Bob Kagle ’78 and Brian Olatunji ’05, who are not only successful in their professional careers, but who also have used their entrepreneurial backgrounds to become impactful philanthropists. You will read about our amazing faculty and students, who continue, through their many accomplishments, to build upon the legacy of the alumni who came before them.

And as much as this legacy is built on the achievements of our alumni, our future also depends on their and your engaged and enthusiastic support, generosity and vision. As so many of you know, higher education is facing unprecedented challenges, many of them financial. Kettering is not alone in needing additional resources to provide important financial aid to our talented and motivated students, to provide support to our dedicated faculty and staff and to improve and add to our facilities. Simply put, Kettering cannot grow and thrive without the constant and loyal support of its alumni. Alumni bring leadership, philanthropy, advocacy, recruiting and job opportunities to Kettering, and they do so in ways that no one else can.

Alumni tell me that attending Kettering/GMI was transformational - that it defined their professional lives in ways beyond simply going to school. Kettering students today face a curriculum with the same rigor as students in years past, but in some ways they also face more challenges because of the complexities of the careers they wish to pursue. But they are also now learning what you already know: that Kettering is a special place that transforms lives and builds strong and enduring character.

I know that you are deservedly proud that you are an alumnus. I hope that you also recognize that you own the tradition that is Kettering/GMI. I am grateful to those of you who act on the understanding that with ownership comes an obligation that we all share to make sure the institution’s tradition of excellence endures. I ask others of you as well to stay involved and to invest in our future.

Again, thank you for all you do for Kettering. We hope you are as excited as we are about what the future holds. Have a wonderful fall and holiday season. And please do let us know what you think about the new Kettering Magazine and any ideas you have for future stories.

Sincerely:

Dr. Robert McMahan
President

Office of the President:
www.kettering.edu/president

Read Dr. McMahan’s Kettering Communicator E-Newsletters:
http://www.kettering.edu/president/kettering-communicator-archive
Best in the Midwest

Kettering University is one of 153 institutions receiving the “Best in the Midwest” designation in The Princeton Review’s 2013 Best Colleges: Region by Region. Kettering has been on the select list each year since 2004. Robert Franek, Princeton Review’s senior vice president - publisher, said The Princeton Review looked at hundreds of institutions in four regions: Northeast, Southeast, Midwest and West. In total, 633 schools received the designation this year.

Read more: http://kettering.edu/news/kettering-university-named-'best-midwestern-college'again

LITE Featured in USA Today

USA Today featured Kettering University’s Lives Improve Through Engineering (LITE) program in a story about efforts to battle the gender gap in math and science fields.

Read more: http://kettering.edu/news/kettering-university-lite-program-featured-usa-today

New Vice President

President Robert K. McMahan announced the appointment of Tom Ayers as the new Vice President for Administration and Finance at Kettering University, effective July 1, 2012.

“Tom brings three decades of pertinent experience to Kettering and a superb record of leadership in operational services, management and budgeting,” President McMahan said. “His expertise on endowment management, campus master planning, facilities marketing and campus relationships with chief financial officers have made him a sought-after speaker at national conferences. His volunteer work extends to the Boy Scouts of America and community foundation work.”

Read more: https://www.kettering.edu/news/new-vice-president-1

Students Design Special Infant Swing

A group of Kettering University Mechanical Engineering students, inspired by a local family whose young child suffers from genetic disorder 1p36, has been working on a capstone project that could help alleviate that problem.

The child who inspired the project is comforted by swinging movement, often spending up to six hours per day in a swing. But as she grows and gets bigger, her swings’ batteries burn out quickly and don’t have the durability to keep her secure when she is swinging. Her parents asked Kettering University students if they could come up with a solution to support a child beyond infancy.

Read more: https://www.kettering.edu/news/capstone-project-would-provide-comfort-special-needs-children

Hayley Schuller, Kate Craft-Otterbacher, Ashley Siler, Amber Roth Matt Kline and Sara Zerilli.
Rablau is Chair-Elect of OSAPS

Kettering University’s Dr. Corneliu Rablau, associate professor of physics, became the chair-elect of the Ohio-Region Section of the American Physical Society (OSAPS) during the spring meeting at Ohio State University in Columbus, April 13-14. In that capacity, he recently attended the American Physical Society (APS) Unit Convocation in Washington D.C., a three-day program that brought together the executive officers of the various sections, divisions and forums of APS with the major goal of discussing the strategic plan put forward by the APS executive leadership.

Read more: https://www.kettering.edu/news/rablau-chair-elect-osaps

Bai Named Associate Editor

Dr. Kevin Bai of ECE is the new associate editor of the SAE International Journal of Alternative Powertrains. The scholarly journal publishes original research on alternative and electric powertrains and propulsion technology.

Kettering Part of Exciting US Ignite Partnership

A new public-private effort, the US Ignite Partnership, is being launched at the White House to capitalize on what is possible through virtualized, ultra-fast broadband networks, and “ignite” the development of next generation of internet applications and services for societal benefit. The Charles Stewart Mott Foundation and Kettering University are part of this exciting new initiative.

The Mott Foundation has provided US Ignite with a planning grant to help kickstart the non-profit partnership, and has helped engage other national and local partners to bring the benefits of US Ignite to its hometown, Flint, Mich. Mott believes US Ignite has the potential to help people improve their lives and their communities and enhance the work of Flint partners, including Kettering University, in the areas of clean energy, advanced manufacturing and education, as well as the development of local workforce training activities that can help people overcome barriers to the labor market. Ultimately, the foundation seeks to leverage its investment in Ignite, along with the passion and energy of local partners, to help open new doors to opportunity in Flint and beyond.

US Ignite will bring the fastest broadband research network in the world to Flint and the region. “This is a community asset. We’ll be one of only 25 cities with this technological capability.”

– Robert K. McMahan, Kettering President

Kettering President Robert K. McMahan said US Ignite will bring the fastest broadband research network in the world to Flint and the region. “This is a community asset,” he explained. “We’ll be one of only 25 cities with this technological capability. We’ll be one of the few places in the country with this next-generation technology. It will give Flint a tremendous lead to be in the first wave.”

The primary goal of the US Ignite Partnership will be to catalyze approximately 60 advanced, next-generation applications over the next five years in six areas of national priority: education and workforce development, advanced manufacturing, health, transportation, public safety and clean energy. Responsibilities of the Partnership will include connecting, convening and supporting startups, local and state government, universities, industry leaders, federal agencies, foundations and community and carrier initiatives in conceptualizing and building new applications. The resulting new applications should have a significant impact on the U.S. economy, including providing a broad range of job and investment opportunities. Keep up with Kettering’s involvement in the project here: http://www.kettering.edu/us-ignite
Community Award for Kagle Mentors

Mentors and Kettering University students Jason Arriazola, Estevan Estrada and Mike Russell recently accepted an award for Kagle Leadership Initiatives, honoring their community workshop success. Kagle mentors are now recruiting 9-11th graders for one-on-one mentoring.

Read more: http://www.kettering.edu/news/news-kagle-leadership-initiatives

Ubong Chairs Conference

Dr. Etim Ubong, associate professor of Mechanical Engineering at Kettering University, presided as the general conference chair at the 10th International ASME Fuel Cell Conference in San Diego, Calif. Professionals from 34 countries attended the conference in July, which included the ASME 2012 Sixth International Conference on Energy Sustainability.


Innovators at Maker Faire

Kettering University innovators brought a little of everything, including a music playing suitcase, a robot and urban farm technology, to Maker Faire Detroit in July. Visitors to the Kettering booth were encouraged to try their hands at making projects from the university’s Innovation Quest project.

Read more: https://www.kettering.edu/news/kettering-goes-maker-faire-detroit

Kettering University student Eric Rogner runs his own Kart Racing Team. Read the story here: http://www.kettering.edu/news/racing-passion-and-startup-venture-kettering-student

The Genesee County Mass Transportation Authority (MTA) had a ribbon-cutting ceremony to announce the grand opening of its Alternative Fuel Facility and fuel cell bus on May 21, and thanks to the efforts of Dr. Mohamed El-Sayed, professor of Mechanical Engineering, Kettering University has played a key role in the innovative new technology. Read more: https://www.kettering.edu/news/first-in-the-midwest

Brian Olatunji ’05 recently teamed up with the Jalen Rose Leadership Academy to provide school supplies to students. Read more here: http://www.kettering.edu/news/kettering-alums-foundation-donates-supplies-jalen-rose-leadership-academy

Kettering University Mechanical Engineering student Charles ‘Chaz’ Mancino has been guest-blogging about his experiences as a freshman. Read his blog posts here: http://bulldogs.kettering.edu/lifeatkettering/category/freshman-experience/

Silke Keller and Olivia Hayden, pictured, plus Tiffany Snow and Dr. Jennifer Aurandt helped Kettering University receive national notice from U.S. Senator Stabenow and U.S. Secretary of Agriculture Tom Vilsack at a recent United Soybean Board workshop. Read more: https://www.kettering.edu/content/national-prominence-biobased-products-workshop

Trustee Harry Lomason, his granddaughter Abigail, her friend Lonna, and Kettering’s Jack Stock were among the hundreds celebrating Dog Days at

Ozzie Zehner ’97, second from right, with Albert Sobey; Dr. Karen Wilkinson, Liberal Studies department head; and Dr. Michael Callahan, Professor of History and the current Frances Willson Thompon Professor of Leadership Studies. Zehner, author of the book Green Illusions, gave the Albert Sobey Lecture on Leadership and Ethics in August. Read more: http://www.mlive.com/news/flint/index.ssf/2012/07/author_claims_electric_cars_no.html

Several Kettering University students, faculty, staff and alumni participated in festivities at the annual Crim Festival of Races in Flint in August. Read more: https://www.kettering.edu/kettering-crim

Kettering University held its summer Commencement festivities in June. Read more: https://www.kettering.edu/commencement-speaker-june-2012

Olympic gold medalist and Flint native Claressa Shields spoke at Kettering University in August for a United Way event.
Kettering
Snap Shots
Mott Foundation Pledges $15.5 million

strengthening Kettering University’s leadership in the field of higher education and expanding its role as a strategic partner in the region’s revitalization are the goals behind a $15.5-million grantmaking initiative announced in August by the Charles Stewart Mott Foundation. Mott’s pledge of support, which is conditioned on Kettering successfully meeting certain criteria, is the largest ever received by the University.

The foundation intends to provide a series of grants to Kettering over three or more years. The first of those grants – for $2,006,000 – was made in May 2012. The grants will support a set of strategies designed to help Kettering:

- grow student enrollment;
- nurture the school’s economic impact on the Flint community;
- communicate the university’s unique identity to a broad audience; and
- build alumni relationships and support for the school.

“Kettering has a longstanding tradition of academic excellence, highlighted by inspired teaching that offers a blend of classroom and real-world learning,” said William S. White, President and CEO of the Mott Foundation. “Across Michigan we are seeing higher learning institutions play transformational roles, both in their home communities and throughout the entire state. These initiatives, with Mott support, will build on Kettering’s strengths and help the institution lead the way in redefining the way colleges engage with their communities and educate young people for the 21st century.” That funding over the years has enabled the university to improve and expand its facilities, enhance and diversify its academic curriculums, provide scholarships to underserved students and launch outreach efforts to engage and connect with the Flint community.

The pledge will make a difference by supporting:

- New laboratory space for Chemical Engineering
- A Campus Master Plan
- A FIRST Community Center
- Enhancement of academic programs, including a new Biology program
- An upscale community coffee shop and dedicated campus safety space
- Expanded programs to engage area high school students in Science, Technology, Engineering and Mathematics (STEM) fields
- Increased student enrollment, which will also strengthen Kettering’s economic contributions to the region
- Strategies to reinvigorate the Flint community, including programs devoted to helping entrepreneurs and the redevelopment of properties adjacent to campus
- Activities to strengthen Kettering’s name recognition in the U.S. and around the world
- Activities that will increase alumni support and participation

For more on the Mott Foundation investment, visit: kettering.edu/mott-pledge

“Kettering has a longstanding tradition of academic excellence, highlighted by inspired teaching that offers a blend of classroom and real-world learning.”

– William S. White, President and CEO of the Mott Foundation
Yamaha President Makes Donation to SAE

Henio Arcangeli ’86, President of Yamaha Motorsports Group North America and a Kettering Board of Trustees member, orchestrated Yamaha’s donation of two 2012 model WR450f motorcycles to the Kettering Formula SAE team. They will be used primarily for their engines in the development of the team’s 2013 vehicle. Arcangeli did the same in 2011, donating two 2011 model bikes for the team’s 2012 vehicle. The engines eliminated a costly expenditure from the team’s budget and provided a platform upon which a more potent Formula SAE powertrain could be designed.

The team competed at the 2012 Formula SAE (MIS, Brooklyn, Mich.) and Formula North (Molson Center, Barrie, Ontario) competitions and will be competing at the 2012 University of Toronto Shootout (Mosport, Bowmanville, Ontario) with their first Yamaha-powered car. 2013 team Chief Engineer William Carter has stated that the 2012 powertrain is the best he has experienced among Kettering Formula SAE cars dating back to 2006.

The Kettering SAE Collegiate Design Series competition teams owe a great thanks to Yamaha for its continued support throughout the years.

Robot Presents Check From GM Foundation

“Admiral” the robot rolled up to Kettering University President Robert McMahan with a special delivery — a $110,000 check from the General Motors (GM) Foundation — during the 13th annual Kettering Kickoff FIRST Robotics competition, Sept. 22. More than 800 people cheered as President McMahan snatched the $110,000 gift from the colorful robot that was hand built by students on Team 2337 at Grand Blanc High School. The $110,000 will be used by Kettering University to raise awareness of Science, Technology, Engineering, Mathematics (STEM) and business careers and help to recruit women and minority students.

Read more and see the video here: http://kettering.edu/news/thank-you-gm-foundation

Moving up from $10,000 to $25,000 level:
• Henio Arcangeli Jr ’86
• Robert H. Harder ’66

New - $25,000 level:
• Lyn St. James

New - $10,000 level:
• Joseph B. Anderson
• Richard G. Bartram ’57
• William H. Brockman ’56
• Terrance Hopkins ’60
• Raj Nair ’87
• Clemens J. Nowak Sr. ’50
• Mary Fletcher O’Neill ’87
• Raymond E. Scott
• Robert J. Trew ’68
Students Applying ‘LEAN’ PRINCIPLES to Healthcare

by Patrick Hayes phayes@kettering.edu

As industrial engineering students at Kettering University, Sean Rusiecki and Chad Champine are very familiar with ‘Lean’ principles in industry settings. They’ve combined that knowledge, along with feedback they’ve received as members of the Kettering Entrepreneur Society (KES), to found GlobaLean, a consulting firm that helps bring Lean principles to healthcare institutions.

GlobaLean plans to begin working with a network of healthcare facilities in South Carolina and the business was featured by MLive.com this summer.

“We eliminate all the points of error for your care,” Rusiecki told MLive. “Say you’re lying there and you need your blood drawn, there could be 10 steps before a nurse gets in there with a needle.” He added that, “It’s about improving cost as well as care.”

The business has been aided by support from KES. GlobaLean received a $3,500 seed investment in March, but both Rusiecki and Champine noted that the expertise and resources available to student entrepreneurs in the organization are far greater than just monetary investments.

“KES not only has provided financial support to kick start our sporadic growth, but has also offered us critical expertise and has helped us steer our company in the correct direction,” said Rusiecki, a senior from Rockford, Mich. “The events and personnel that KES provides are invaluable, and GlobaLean owes a great deal of recognition to KES for helping us accomplish what we have in the past three months. KES centers around the idea that an entrepreneur truly can accomplish anything; KES just acts as the incubator to make the goals a reality.”

“Our involvement with the Kettering Entrepreneur Society has provided us with exponential growth both personally and professionally,” Champine said. “KES challenges all of its members to think outside of the box and provides a professional atmosphere to develop our new venture. With a range of entrepreneurial expertise and substantial business advice, the society’s seed grant program has given us the opportunity to network with industry professionals while strategically developing a sound business plan.”

For more on KES, contact Dr. Massoud Tavakoli, the founding faculty mentor, at massoud.tavakoli@kettering.edu.
Finding new ways to produce healthy, sustainable food for a growing population is a necessity. Austin Lawrence, a current Kettering University student, and Brian Falther, a 2010 Kettering University graduate, are motivated to offer a solution to food sustainability.

Falther, who is living in Grand Rapids (originally from Stow, Ohio), and Lawrence, a Mattawan High School graduate from Kalamazoo, met through the Kettering Entrepreneur Society, and have been collaborating ever since. Falther and Lawrence describe Urban Tech Farm: Project Grand Rapids as, “a project to organically grow crops through automation, sustainability and efficiency.”

“Our motivating factor is that in 40 years, there are going to be over 9 billion people on the planet,” said Lawrence, a senior Mechanical Engineering major. “There isn’t enough land on Earth to accommodate and feed that projected population with current technology. We want to upgrade farming technology and bring it into the city.”

Currently, Falther and Lawrence are conducting research on growing techniques like aquaponics – using fish and recycled water to grow food in an interdependent loop system without the use of fertilizers or pesticides. Eventually, they would like to design a prototype vertical aquaponics farm in a repurposed shipping container and, after proving sustainability, expand to warehouses and other vacant industrial buildings in cities.

“As engineers, we want to offer solutions to problems that face the world,” Lawrence said. “Access to food is something we all have a need for.”

Falther and Lawrence are working on prototypes of several different scales and would eventually like to expand the project to include more than just Grand Rapids facilities.

“We’re based in Grand Rapids right now, but our ultimate goal is to expand this to other cities,” Lawrence said. “We want to get involved in the community as much as possible. For example, Grand Rapids has a lot of restaurants, and restaurants produce a lot of organic waste. We could convert that waste into fertilizer, use it to grow our crops, and sell vegetables back to those restaurants.”

The project’s Facebook page: facebook.com/ProjectTechFarmGrandRapids.

Lawrence and Falther are also blogging about their research: urbantechfarm.com.
Bob Kagle is considered by many to be the embodiment of the phrase “hometown boy does good.” He shared his life and career experiences with Kettering’s graduates as commencement speaker in June.

“Even though I’ve lived in Silicon Valley for 35 years now, Flint is still my home,” Kagle told the crowd. “I’m happy here.”

He was raised by a single mother in Flint, Mich., who recognized his particular talent for math and science early in his academic career. She convinced her boss at Flint’s AC Spark Plug to sponsor him as a cooperative education student at Kettering.

“Pride and self-determination were real gifts from my mom,” he said. “I always tell people, though, that my biggest break was getting into Kettering. I needed to work my way through school, so co-op was an absolute godsend for me.”

His college years were highly successful. He was actively involved in a variety of extracurricular activities including coaching and participating in intramural sports. He was a resident adviser in Thompson Hall and a Student Senate leader. His career began as a co-op student for General Motors in 1973. In 1978, he was named a Sobey Scholar and graduated from Kettering with a degree in Mechanical/Electrical Engineering and a minor in Industrial Administration.

“Kettering was perfect for me,” Kagle said. “I was blown away by the caliber of academics. I was busy non-stop and able to learn a lot about myself.”
Kagle also discussed something important he learned from famous Kettering Professor Reg Bell.

“Like thousands of students, many of whom are likely to be right here in the room with us today, I just happened to be the very favorite student of Professor Bell,” Kagle said. “Now, I was always taught in life not to have favorites. But I learned from Reg that if everyone feels like your favorite, you can have as many as you like.”

He continued his education at Stanford University, earning a Master’s of Business Administration from Stanford’s Graduate School of Business in 1980. Entrepreneurial opportunity in Silicon Valley moved him permanently to the West Coast.

“When you come to a door, open it,” Kagle said. “Doors can be portals as well as barriers and if you don’t twist the knob, you’ll never know which they really are.”

Kagle has enjoyed a distinguished career in venture capital investment that spans 30 years. He began his venture career as a partner with Technology Venture Investors in 1983. TVI was the lead investor in Microsoft, Sun Microsystems and Compaq Computers.

In 1995, he co-founded Benchmark Capital in Menlo Park, Calif., and served as its General Partner for many years. Benchmark Capital helped launch eBay and earned Kagle an enduring national respect for helping consumer-based information technology and entrepreneurial companies entering emerging markets. Benchmark’s success continues today. Recent investments include Instagram, OpenTable, Yelp! and Twitter.

Kagle discussed his early investment in eBay, including the company’s early fundamental principles based on the fact that people are basically good and trustworthy: “eBay never would’ve gotten off the ground without that basic leap of faith and confidence in humanity,” Kagle said. “It was a great lesson in the power of trust.”

Kagle has served on the boards of over 50 early stage companies including: AllPosters.com, Ariba (ARBA), Art.com, Axiom, eBags, eBay (EBAY), E-Loan (EELN), Jamba Juice (JMBIA), Mint, Potbelly, Prosper, Stitcher, Synopsys (SNPS), uShip, Zipcar (ZIP) and zipRealty (ZPR).

Kagle is past director of the National Venture Capital Association (NVCA) and a past president of the Western Association of Venture Capitalists (WAVC). A veteran of the venture industry, he has been honored in many ways. In 2002, Forbes magazine placed him at No. 1 on its Midas List for Tech’s Top Venture Investors. In 2003, he was inducted into the National Co-op Hall of Fame.

“Anyone who ever accomplished anything significant in life has had multiple failures along the way,” Kagle said. “You must view failure fundamentally as an invitation to try again, only this time with more experience and better judgment.”

At Kettering University, Kagle served on the University’s Board of Trustees from 1995 to 2010. He was chairman of the Board of Trustees from 2001 to 2003 and served on the Investment Committee and the Finance and Audit Committee. He is a long-time member of the President’s Council and is the benefactor of the Kagle Scholarship Program.

“Kettering was perfect for me,” Kagle said. “I was blown away by the caliber of academics. I was busy non-stop and able to learn a lot about myself.”

– Bob Kagle, Kettering Class of 1978

In 2001, Mr. Kagle established the Kagle Mentoring Program, now Kagle Leadership Initiatives, for students and families from Flint. The program originally started as a one-on-one mentoring program for high school students and has evolved to include teen forums, community tutoring, middle school service projects and elementary school small group mentoring. Today, Kagle Leadership Initiatives focuses on Mentoring, Leadership, Tutoring, Community Advocacy and Pre-College programs.

“Working with entrepreneurs has been one of the most exciting and rewarding careers I could’ve ever imagined,” Kagle said. “Entrepreneurs truly believe they can change the world and make it a better place, and some of them actually do.”

Watch Kagle’s commencement address on YouTube: http://www.youtube.com/watch?v=XhvfmmZSB8EY

Read more about Kagle Leadership Initiatives: http://www.kettering.edu/current-students/student-life/kagle-leadership-initiatives
After spending eight years working for various OEMs, Amanda Godward ’05 founded Ecotelligent Homes (http://ecotelligenthomes.com/), a RESNET and BPI certified home energy auditing company based in Farmington Hills, Mich.

“I was looking for an opportunity to combine my mechanical engineering background with my passion for environmental stewardship,” said Godward.

After working to obtain several green certifications, including RESNET certified HERS Rater, BPI Building Analysis Professional and LEED-AP, Godward “stumbled across energy auditing” and found that it was a perfect fit.

“Once I found something that fit so well with my passion, it was not that difficult to develop the business plan for Ecotelligent Homes,” she said of the company she founded in 2009. “I get to use my thermodynamics and heat transfer technical skills while helping homeowners and business owners reduce their utility bills and their environmental impact.”

Godward said she now uses more of her mechanical engineering knowledge as an energy auditor than she did in previous OEM engineering positions.

“When evaluating insulation levels and locating the source of drafts I use fluids and heat transfer,” she said. “And the basics of a furnace are the same as a vehicle engine (fuel, air and spark). We measure combustion efficiency for furnaces and water heaters just like an automotive engineer would measure in an engine on the dyno (dynamometer).”

One of the biggest challenges Godward has faced has been explaining the process and findings of the energy audit to customers.

“There are a lot of technical terms that will fly right on by most customers,” she said. “So we have found some analogies that make what we’re doing easier to understand. For example,
when we talk about a thermal barrier and an air barrier we reference a wool glove (a thermal barrier that is like fiberglass insulation) and a leather glove (a thermal barrier combined with an air barrier, like spray foam insulation)."

Challenges other than helping customers understand the technical aspects of the energy audit process include issues related to local, state and national economies. The sluggish economy and home-building market have been both a help and a hindrance for Godward.

“The fall in property values have helped us and hurt us at the same time,” she said. “It has hurt the new construction side of the business, which impacts Ecotelligent Homes, because they perform HERS energy audits on new homes. Most builders use the HERS score (Home Energy Ratings System Index) to market the energy efficiency of their homes and to determine if they qualify for an ENERGY STAR certification, according to Godward. “Luckily, builders have started building homes again here in Michigan, so that side of the business is picking back up.”

Conversely, the slow housing market has also helped Ecotelligent Homes. Because property values are lower, causing homeowners to stay in their homes longer, they are making investments to improve the property and to help lower their utility bills, said Godward – “It is one aspect of the cost of ownership that they can control.”

Ecotelligent Homes provides customized and environmentally sound solutions for both homes and businesses through comprehensive energy audits and installation of energy efficiency upgrades for residential and commercial properties.

According to Godward, the comprehensive energy audits she performs are more than a quick visual inspection.

Energy auditing is a relatively new field, and more competition is popping up on a regular basis, said Godward, adding, “but we have noticed during the past three years that not very many of my competitors are able to stay around. I feel that my technical background and our ability to provide customized solutions have really helped to set Ecotelligent Homes apart from the competition.”

Not only does Ecotelligent Homes offer eco-conscious solutions for its customers, but also the company operates as a green business.

“We are what we sell,” said Godward.

As Ecotelligent Homes has expanded from a home-based business to a growing brick-and-mortar, Godward has added four employees. She would eventually like to be a Kettering co-op partner.

“Like most grads, I am thankful for my experience as a co-op employee,” said Godward. “I would like to help future students gain that valuable experience and to see that you can do more with a Mechanical Engineering degree than just work in the auto industry.”

“Like most grads, I am thankful for my experience as a co-op employee,” said Godward. “I would like to help future students gain that valuable experience and to see that you can do more with a Mechanical Engineering degree than just work in the auto industry.”

A native of Westland, Mich., Godward and husband Thomas now reside in Farmington Hills and are happy to stay in Farmington Hills where they feel the strong, active community and city leaders continue to support environmental initiatives. Thomas Godward Jr. is a 2003 graduate of Kettering University with a degree in Mechanical Engineering. He currently works for IAV Inc. When not running Ecotelligent homes, which she says gets most of her attention, Godward gardens, growing organic fruit and vegetables, and cheers for the Detroit Tigers.

While admitting that starting her own company was “a little scary and difficult,” Godward said she feels it was well worth it. Quoting from her favorite movie, A League of Their Own, she summed up her experience as an entrepreneur: “It’s supposed to be hard; if it wasn’t hard, everyone would do it. The hard is what makes it great!”
Kettering University student Joseph Lombardi’s talents landed him a unique co-op at Burning Man.

by Dawn Hibbard dhibbard@kettering.edu

Welding was what got Joseph Lombardi to Burning Man the first time, but it was recycling that has kept him going back. Lombardi returned to Nevada’s Black Rock Desert for the fifth year in a row in July to set up and manage Recycle Camp at the annual one-week event dedicated to community, art, self-expression and self-reliance that ran Aug. 27 through Sept. 3 this year.

What started as a volunteer position helping artist Jen Forbes with welding on her project Refoliation ignited his interest and brought him back the second year as a volunteer in Recycle Camp on-site. It has now worked its way into a paid position for Lombardi, who was in charge of Recycle Camp, where the motto is “Recycle Everything.”

“We collect firewood, scraps of steel, aluminum, plastics Nos. 1-5, cardboard, paper, glass, compost and landfill. We’ll collect pretty much anything if we can find somewhere to recycle it,” said Lombardi of the theme camp at Burning Man.

With tens of thousands of participants gathered in the Black Rock Desert in a community called Black Rock City, Lombardi, of Oakland,
Calif., had his work cut out for him. One of the Ten Principles of Burning Man is “leave no trace.” After a week of creating art and community in the desert, participants de-camp leaving no trace whatsoever.

In the past, Recycle Camp has primarily been for aluminum only, with crushed cans being sold and the proceeds going directly to the Gerlach, Nevada, schools. The donation has reached almost $1,500 in recent years according to the Burning Man website.

This year, Lombardi has put his Industrial Engineering education to work designing a three-tiered pyramid recycling system for Burning Man. An Electrical Engineering major with a minor in Manufacturing, Lombardi said, “designing a recycling system is much like laying out a factory in manufacturing. You have some variables such as the number, size and location of collection points; the size of transfer station dumpsters; the cost of dumpster delivery versus the cost of renting dumpsters; and some constraints, like that the collection points must be moved by hand or materials used must be cheaply available and shipped to the site, so it all comes down to an optimization problem.”

In the three-tiered structure Lombardi developed, waste first makes its way to the Transfer Station (a.k.a. the dump). Here, there are large dumpsters for each resource. “Every bag of trash is sorted and separated by staff members and put in the appropriate bins,” said Lombardi.

In the second tier, some of the large staff camps have their own mid-sized (1-2 cubic yard) collection stations for specific materials. These materials are picked up by truck during the day by Recycle Camp volunteers at the camp locations, and then sorted at the Transfer Station.

“To select camps, we also provide a row of trash cans, labeled and ready to be used,” he said.

The final tier is when Recycle Camp takes the waste to recycling centers near the Burning Man site at the end of the week.

“I think the coolest thing about the recycling system here (at Burning Man) is how flexible and adaptive it is. If we have to rearrange collection points or add new streams, we can do it on the fly right there in the field,” Lombardi said.

In his fourth year at Burning Man Lombardi volunteered to run a staff recycling program in addition to the aluminum recycling program.

“Once the organization realized it was a necessary service, and saw all the hard work I put into making it happen, they extended an offer for this year, and here I am,” he said.

Before working at Burning Man, Lombardi had a co-op position at Jervis B. Webb Co., as an electric vehicle intern working on their Automatic Guided Vehicles for use inside factories. His responsibilities there included AutoCAD and VBA VisualBasic for Applications.

His advice to other Kettering students?

“I’d just encourage students to think out of the box for job opportunities. The best jobs are never advertised for, because no one even knew they were needed,” Lombardi said.

As for life after Kettering, Lombardi may have to take his own advice.

“I have very diverse interests and enjoy working in multidisciplinary environments. I think designing and building experimental setups for scientists would be an interesting job, or taking just-developed prototypes and designing a manufacturing facility for short production runs,” he said. “It is my dream to one day design a truly flexible manufacturing facility, one that could change how machines are attached to each other and even what process the machine does. You would simply submit a 3D model of what you want, and some info about the material and process, and POOF! out pops the thing you designed, in moderate numbers.”

In the meantime, he’s got recycling to take care of.
The Kettering University Alumni Association honored 10 alumni for professional excellence and civic engagement Sept. 8 during festivities for Alumni Reunion Weekend. Here are this year’s award winners. Read their complete bios here: kettering.edu/news/alumni-weekend-sept-7-9

Diana Tremblay ’82, vice president of North American Manufacturing at General Motors, received the Distinguished Alumna Award recognizing specific and exceptional career achievement, traditionally given to people at the highest level in the corporate structure.

Kathryn Biberstein ’82, senior vice president, general counsel and secretary, and chief compliance officer for Alkermes plc, received the Outstanding Achievement Award recognizing specific, exceptional career achievement.

Roland (Ron) Chavey ’52, senior Production engineer (retired) for Fisher Guide, received the Civic Achievement Award for recognizing significant and unselfish contributions of time and effort that benefit the community.

Valerie J. Lewis Coleman ’87, founder and owner of Pen of the Writer, LLC, received the Entrepreneurial Achievement Award recognizing a specific contribution in organizing, managing and assuming the risk of business or enterprise.

William J. Wildern IV ’92 and ’93, the founder and CEO of Farmington Hills–based HYDRA Professionals, LLC and ReapSo, LLC, received the Entrepreneurial Achievement Award recognizing a specific contribution in organizing, managing and assuming the risk of business or enterprise.

Robert W. Roth ’85, president and CEO of RoMan Manufacturing, Inc., received the Engineering Achievement Award recognizing a specific contribution with a positive and lasting effect in the field in engineering.

Raj Nair ’87, Ford Motor Company’s group vice president, Global Product Development, received the Management Achievement Award recognizing a specific contribution with a positive and lasting effect in the field of Management.

Russell J. Ebeid ’63, formerly president of the Glass Group and chairman of the Board of Guardian Industries Corp., received the Human Relations Award recognizing a graduate who has rendered significant contributions inspiring unity at Kettering University.

Gerald (Jerry) T. Meier ’61, retired manufacturing director for Delphi, received the Alumni Service Award recognizing outstanding volunteer service to Kettering University.

Joe Gallagher ’07 received the Young Alumnus Award recognizing a graduate (of the previous 10 years) who has rendered significant contributions, exhibited outstanding character, or has achieved marked success in such areas as Alumni Service, Civic Achievement, Engineering Achievement, Entrepreneurial Achievement, Human Relations, Management Achievement or Outstanding Achievement.

Bob Nichols ’74 was recently named Director of Alumni Engagement at Kettering University.

“...named the Director of Alumni Engagement,” Nichols said. “As a 1974 alumnus and 29-year employee of the University, this new challenge is a perfect fit for my career. I certainly know a lot of alumni! I look forward to reconnecting with alumni that I know and meeting a whole more. Like our outstanding students, Kettering alumni typically stand out amongst their peers. I hope to be able to recognize many of you for your accomplishments and engage or reengage alumni with the university in various ways. I hope to see you on-campus or in your home region soon.”

Contact Nichols at bnichols@kettering.edu or (810) 762-9828.

See a photo gallery from the AIM Gala here: kettering.edu/content/aim-gala-2012 See more photos from Alumni Weekend on Facebook: facebook.com/KetteringUniversity
Kettering University graduates returned to campus Sept. 7-9 for Bulldog Days Alumni Reunion Weekend. Activities included the AIM Gala, tours of campus buildings and laboratory facilities, as well as some familiar haunts, golf at the IMA Brookwood Golf Course, a Greek-Club-Class Mixer at the Capitol Theater in downtown Flint, the Alumni Awards Dinner at Warwick Hills Golf and Country Club and the Golden Circle Brunch at the President’s Residence.

EVENTS CALENDAR

OCTOBER 30
Bosch Big Band visits campus, Flint, Mich.

NOVEMBER 15

JANUARY 26
Seventh Annual Snowfest Breakfast, Frankenmuth, Mich.

FEBRUARY 2

MAY 30
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**Class Notes:**

**1951**
Wayne Turton and his wife Mary were recently honored by their local Masonic Lodge in Farmington Hills, Mich. From an article in the Farmington Patch: "Wayne and Mary Turton have been honored by the Farmington Masonic Lodge as they prepare to locate to Village Estates at the Pathways, a Masonic retirement community in Alma. Wayne Turton was involved in the early stages of the development of Pathways and in the creation of an approximately 200-bed nursing facility at the Michigan Masonic Home. The Turtons have both been very involved in the Masonic and affiliated Orders that call the Farmington Masonic Hall their home."

**1957**
William F. Probert recently published a book through Summerland Publishing called, The Lunar Roving Vehicle 1G Trainer. The book is described as, "A collection of photographs documenting the configuration of this one-of-a-kind vehicle as it was being built in 1970."

**1958**
David F. Merrion received the Franz F. Pischinger Powertrain Innovation Award during the SAE 2012 World Congress held in Detroit. From the news release: "Established in 2008, this award recognizes exceptional innovation and competence in powertrain design and development through the annual recognition of an engineer who has demonstrated outstanding innovation in the field. This award honors professor Franz F. Pischinger, who devoted his career to furthering powertrain technology and the education of young engineers as they prepared for careers in engineering."

**1964**
Daniel Tablada, a lecturer in the College of Business at the University of Texas San Antonio, was recently one of seven UTSA faculty awarded an Outstanding Teaching Award. From the news release: "Award nominees must demonstrate a clear commitment to teaching and a sustained ability to deliver excellence to the undergraduate learning experience. In the competition for the awards, faculty candidates were subjected to rigorous examination of their teaching performance over three years by campus and external examiners."

Charles Postlewate sends this update: "When I visited Kettering in October, 2010, Sue Weiss gave me a GM-I cap as a souvenir, and I wear it almost everywhere I go. (This replaced the one that she had given me back in 2004 when I was there for the 40th Reunion of my Class of 1964.) When I was recently attending the Guitar Foundation of America International Convention in Charleston, S.C., I arrived several days early to visit my fellow GM-I buddy and long-time friend Richard Marshall, Class of 1962. Rich and his wife took my wife and I to visit the famous Brookgreen Gardens sculpture garden and nature preserve north of Charleston. Our

**Ring Finds Its Way Home**

This pristine Class of 1964 ring has found its way back to its owner’s family after more than four decades. Recently found in Saginaw, it has been returned to its home in Florida and to a grateful widow.

How powerful is a class ring? This beauty has found its way home after 42 years and some fast thinking by a curious stranger. Attending to his late grandmother’s effects, Cesar Medina ran across this pristine GMI Class of ’64 ring and called the University to see if the initials inside, R.A.G., could help identify its owner.

With just one match, a call was made to Maryann Guy in Florida, widow of Robert “Bob” Guy, and with it a story of love, lost treasures, and a reunion with fond memories for a man who never forgot his roots at Kettering/GMI.

Now the ring, found hidden in the cranny of a classic car, has returned home.
tour guide, Nancy Kobs, looked at my GMI cap and asked, “Does that stand for General Motors Institute?” and I said, “Yes, have you heard of it?” She replied, “My brother-in-law, Charles Couch, attended GMI for several years in the mid 1950s, co-oping at New Departure bearings in Bristol, Connecticut. And several of his best friends, Clark Island [Class of 1955] and Richard Tomassetti [Class of 1957] also attended around that time and did graduate from there. They both went on to do very well in industry. Pictured in the photo are (L to R) me, Nancy Kobs and Richard Marshall.”

1966
J.T. Battenberg III has joined the advisory board at TTK Partners, LLC. From the news release: “We are excited to have J.T. Battenberg as part of the team at TTK Partners,” said Partner and Co-Founder Stanley Koss. “J.T.’s extensive experience as a leader in the automotive sector is a tremendous asset to TTK Partners,” Koss added.

Battenberg also sends along this note: “Since retiring from Delphi as Chairman and CEO, I have been working for TTK Partners, LLC as an Advisory Board member. TTK Partners is a mergers and acquisitions and capital structure advisory firm, headquartered in Chicago, IL. We do transactions in automotive, general industrial, business service and consumer, in both the U.S. and international arenas. On a personal note, my wife and I celebrated 50 years of marriage last fall. I came to Kettering after serving four years in the U.S. Air Force; I co-oped with Cadillac Motors.”

1968
Peter L. Clark begins his two-year service as president of the Phi Gamma Delta Educational Foundation. Peter has served as a board director on the Foundation for the past five years. The Foundation raises funds and issues grants for scholarships, leadership programming and alcohol education benefiting Phi Gamma Delta Fraternity’s 140 chapters and more than 8,300 undergraduate members. Clark is President of Touchstone Development Company, Inc., a commercial real estate development and management company doing business primarily in California. He has spent a lifetime in real estate development. He graduated with a B.S. in Mechanical Engineering from Kettering University and an MBA from Butler University. He currently lives in Los Altos, Calif.

1969
John S. Galligher recently received the Lifetime Achievement Award for Manufacturing Engineering from Meritor. Galligher earned the award for distinguished contributions to the development and advancement of carrier components and gearing manufacturing processes.

1970
Rich Rosen was recently recognized by the National Society of Black Engineers (NSBE) for his efforts to develop and expand SEEK, also known as the Summer Engineering Experience for Kids. From the news release: “I consider him a visionary,” says Dr. Carl Mack, NSBE Executive Director.

“Rich helped raise $350,000 for seed money to begin the program in 2007. We have now raised more than $6 million, and SEEK has expanded to a half dozen cities including Houston, Detroit and San Diego. It truly has become a national program, and it would not have happened without him.”

1975
Gordon Barr has retired from corporate life. He has worked in various mechanical engineering capacities in the Automotive, Electronics and Medical fields. Most recently, he spent several years in Taiwan and even a brief stint in Iraq. He will still be consulting part time to small medical startup companies, but will be pursuing long time interests in blacksmithing, antique cars, old engines and metalworking. He teaches blacksmithing and metalworking in both his own shop and a local school. He lives with his wife in Minneapolis and has four children and two grandchildren close by. He can be reached at agbarr@aol.com or www.metalsmith.org.

1976
Gary Butters sends this note: “I am President of Befour, Inc., a manufacturer of scales for the healthcare, sports and fitness markets, which I have owned for the past 10 years. In addition to our fine line of scales, Befour also makes height measuring devices and portable scoreboards. We are located in Saukville, Wisc., just north of Milwaukee, and are proud to be a “Made in USA” company. Last summer, I granted myself a sabbatical from work and bicycled 3,800 miles across the country from Astoria, Oregon, to Portsmouth, New Hampshire. Surprisingly, there’s still some mileage left in these old legs!”

1978
Troy A. Clarke was recently appointed president and chief operating officer of Navistar. From the news release: “Prior to his appointment as President of Truck and Engine operations at Navistar, Clarke, 57, served as President of the Company’s Asia Pacific operations. Clarke joined Navistar in January 2010 as Senior Vice President, Strategic Initiatives. Previously, Clarke spent more than 35 years with General Motors Co. where he served in a variety of roles, including President of General Motors North America, President and Managing Director of GM’s Mexico operation, Vice President of Manufacturing and Labor Relations, and President of GM Asia Pacific. He has a B.S. in mechanical engineering from General Motors Institute, as well as an M.B.A. from the University of Michigan.”

1981
Steve Finch was featured in an article in the Buffalo News for the work he’s done turning around a General Motors plant in Tonawanda, N.Y. From the story: “General Motors was facing desperate times in 2009, and questions were swirling about the future of its Town of Tonawanda engine plant. It all hit home for Steve Finch, a Buffalo native and plant manager of the Tonawanda facility, a cornerstone of the local auto manufacturing industry. ‘I tried not to show it, but on the inside, the reality was that none
of us really knew what was going to happen,” Finch said. He sized up the challenges. He knew GM was going to close plants and that the Tonawanda facility’s location, outside GM’s “hub,” in Southeastern Michigan, might make it more vulnerable. Finch managed the situation the best way he knew. “The only amount of influence I felt we really had was whatever the measure was — whether it was safety, quality, meeting our schedules and demand of the customers, as small it was — let’s make sure every metric was as good as it could be, so that the people that were looking at where we’re going to put [GM’s] business in the future would want to consider this plant based on its performance,” he said.

The Student Alumni Council hosted Darren Heartwell ’00, Clark Bailo ’81 and Ben Coon ’00 to talk with students on Aug. 7 at Kettering.

1982
Diana Tremblay was recently featured in a Reuters article about the auto industry. From the story: “Global manufacturing chief Diana Tremblay is one of the highest-ranking women in the automotive industry. Throughout her 35-year career at GM, she has made her mark in what were regarded as male domains, from directing foundry workers to staring down union labor negotiators. Now she faces an even more critical task for the world’s largest automaker — ensuring the smooth 2013 introduction of the remodeled full-size pickup trucks and SUVs, GM’s high-profile equivalent of a new Apple iPhone.”

1983
Suzette Kandow sends this update: “On December 31, 2011, I retired from General Motors after 30+ years of service. My husband Randy and I have three sons: Steven, age 26, who is a doctoral student in music performance at Michigan State; David, age 24, who will graduate from nursing school at Michigan State this coming December; and Kevin, age 21, who plays football for the Hope Flying Dutchmen and will graduate from Hope College in 2013 with a degree in psychology. I am enjoying retirement both in mid-Michigan and northern Michigan.”

1984
David Kenny, CEO of The Weather Channel, was recently profiled in the Marietta (Ga.) Journal. “The weather affects everyone, so we need many different formats for both consumers and businesses,” Kenny said. “I am most proud of how the whole company has mobilized to make sure everybody has an engaging way to know and plan for what’s happening weather-wise in the places that are important to them.”

1985
Mary Barra, senior vice president of global product development at General Motors, was recently featured in Detroit Business as one of eight influential female business leaders. “If Mary Barra left pressure and scrutiny after being named General Motors Co.’s senior vice president of global product development in early 2011, she didn’t show it. She followed two legends: Tom Stephens, who held the position for two years, and Bob Lutz, who wrenched product design out of the hands of engineers.” Barra was also recently featured in Fast Company. Read the article here: http://www.fastcompany.com/3001617/mary-barra-drives-future-gm

1987
Ron Weber has been named vice president of operations at Phoenix Coaters. Weber will be responsible for directing and coordinating activities to obtain optimum efficiency and economy of operations while offering the best possible product and services to their customers, according to the news release.

1989
Mark J. Bulanda has been named the executive vice president and business leader for Emerson Industrial Automation. “Mark brings strong management skills, industry experience and professional leadership to this new role with Emerson. I’m confident he will continue to drive innovation and growth for Industrial Automation business and our leading brands and technologies,” Emerson CEO David N. Farr said in a news release.

1990
Alma Gusjardo-Crosley wrote a guest column for Latino Magazine and discussed Kettering University: “Kettering is a perfect combination of work and student life on a super intensive schedule. As a student, you rotate every three months between work and school. While at school your course load is heavier given you have less time than a standard school, and while at work you are being paid and rotated through different departments to gain exposure. It is a five year program (5th year thesis) in which you earn your undergraduate degree, but at the end your chances of securing a full time job with your sponsoring unit is close to 100%, given the investment made and the experience gained.”

Valerie Grubb recently discussed her career counseling in the business world. From the story: “Having an undergrad in mechanical engineering, I thought getting my MBA would be a walk in the park as I had taken some really nasty classes for my BSME degree,” she said. “I was surprised that the lessons taught in business school were just as rigorous, if not more so, because the answers were much more complicated. Solving problems in the business world is much more in the gray area because in many instances, there isn’t a completely right or completely wrong answer.”

1994
Matt Borland, vice president of competition for Stewart-Haas Racing, was mentioned by NASCAR driver Ryan Newman in an interview with The Auto Channel: “My very first Cup crew chief was Matt Borland, and he was from Haslett, Mich. So his slogan, whenever we came to Michigan, was, ‘It’s God’s country,’ and that’s because he’s from Michigan. I spent a lot of time in Michigan at my dad’s shop in Niles. So it is like coming home for me.”
1997
Oizzie Zehner’s book, *Green Illusions: The Dirty Secrets of Clean Energy and the Future of Environmentalism*, was released earlier this year and has been featured in several prominent publications, including Wired, MSN.com, MLive.com and many others. Find out more about the book here: www.greenillusions.org/.

2001
Tommy Zamberlan will have some historical work he’s done added to the Smithsonian Institution’s National Museum of American History. From the Macomb County Advisor and Source Newspaper: “Tommy Zamberlan, a 1995 graduate of Sterling Heights High School who is now employed as a military writer and editor, will have reports that he worked on with business partner Ben Bryant and others added to the Smithsonian Institution’s National Museum of American History. The men, who co-own the Bryant Zamberlan Group, a communications and outreach strategy firm for the government, nonprofits and businesses, will have their personal copies of the reports “Protecting the Force: Lessons from Fort Hood,” “Every Airman a Wingman,” “The Air Force Follow-On” and the high-profile “Don’t Ask, Don’t Tell” added to the Smithsonian this month.”

Attorney Todd Barrett was recently featured in Legal News. From the story: “There’s a Ford plant in Connersville, Ind., that played a central role in Todd Barrett’s decision to become a lawyer. It was where he decided he didn’t want to design radiators the rest of his life. He wondered what other opportunities there might be for him to use his engineering degree from General Motors Institute, otherwise known as Kettering University. The question led him to discover patent law and to his eventually attending the University of Detroit Mercy School of Law for his juris doctorate.”

2002
Jeremy Weilnau was recently named Lakewood project manager at Prestolite Performance. From the news release: “Weilnau will oversee the management, development and growth of the Lakewood product lines in addition to QuickTime and Hays products. Weilnau has 13 years of experience in original equipment automotive and aerospace, with a previous position as a program engineer at Tenneco Automotive. The Huron, Ohio, resident is also a member of the Society of Automotive Engineers and has a bachelor’s degree in mechanical engineering from Kettering University.”

2003
Dr. Benjamin Berry was hired as a member of the veterinary team at Noah’s Landing Pet Care Clinic. Berry has a bachelor’s degree in mechanical engineering. He received a doctorate of veterinary medicine from Michigan State University.

Ryan and Courtney Gurn announce the birth of their daughter, Lucy Catherine. Lucy was born June 14, 2012. She weighed 10 lbs., 5 oz. and was 22” long. Lucy was welcomed home by big sister Grace and big brother George.

Dean and Lisa Jagielo welcomed their baby girl into the world December 1, 2011. Addison Lynn weighed 8 lbs., 1 oz., and was 20.5 inches long. The picture shows her first Polaris Ranger Ride with her Dad.

2006
Brandon Scanlon has been named a 2012 Kaplan Life Sciences Fellow by Harvard Business School. The news release stated, “Brandon Scanlon, who has spent the last eight years with Stryker Corporation, a medical technology company. His most recent position was business development portfolio manager, where he evaluated medical devices for acquisition. He has a bachelor of science degree in mechanical engineering from Kettering University.”

Stacy Thayer (’06 and ’11) received the Consistent Contributor Award when the Society of Women Engineers celebrated its 60th anniversary recently. She is the newly elected president of SWE-Detroit.
### Alumni Association Board of Directors

<table>
<thead>
<tr>
<th>Name</th>
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<th>Affiliation</th>
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<tbody>
<tr>
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<td>Treasurer, Alumni Association Beverly Hills, Mich. Aquent, LLC</td>
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<tr>
<td>Stacy Gardner</td>
<td>'06</td>
<td>Cleveland, Ohio Managing Consultant Valuation Consulting</td>
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<tr>
<td>Brad Grems</td>
<td>'00</td>
<td>Oakand Township, Mich. Sales Account Manager Toyota Gosei North America</td>
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<tr>
<td>Cristina Ike</td>
<td>'03</td>
<td>Ferndale, Mich. Transmission Controls Engineer Ford Motor Company</td>
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<td>Mark Johnson</td>
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<td>Clarkston, Mich. General Motors</td>
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<td>Joe Kibbe</td>
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<tr>
<td>Rod Kirkham</td>
<td>'75</td>
<td>Springboro, Ohio Account Executive American Insurance Strategies</td>
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<td>Larry R. Johnson</td>
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<td>Director Transportation Tech R&amp;D Center Argonne National Laboratory</td>
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<tr>
<td>Charles F. Kettering III</td>
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<td>Chairman President Ridgeleigh Management Company</td>
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<td>Jesse M. Lopez</td>
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<td>CEO BAE Industries A Marisa Company</td>
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<td>Frank Krohn</td>
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<td>Howell, Mich. General Program Quality Manager General Motors</td>
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<tr>
<td>Valerie Maw</td>
<td>'95</td>
<td>Livonia, Mich. Manufacturing Engineer Ford Motor Company</td>
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<tr>
<td>Sam Perlmutter</td>
<td>'07</td>
<td>Chicago, Ill. Doctoral Candidate - Neuroscience Northwestern University</td>
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<tr>
<td>Rosa Summers</td>
<td>'04</td>
<td>Bloomington, Minn. Senior Corporate Counsel G&amp;K Services, Inc.</td>
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<tr>
<td>Dustin Varvel</td>
<td>'08</td>
<td>Fort Wayne, Ind. Engineering Change Coordinator General Motors</td>
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<td>Karla Wallace</td>
<td>'85</td>
<td>Vice President, Alumni Association Chicago, Ill. Director Powertrain Electronics, Controls and OBD Navistar</td>
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<td>Sueann Wickstrom</td>
<td>'06</td>
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<td>Nathan P. Wilke</td>
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### Other Directors

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<td>Henio R. Arcangeli Jr.</td>
<td>'86</td>
<td>President Motorsports Group Company Yamaha Motor Corp. USA</td>
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<tr>
<td>Lizabeth A. Ardisana</td>
<td></td>
<td>CEO ASG Renaissance</td>
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<tr>
<td>Mary T. Barra</td>
<td>'85</td>
<td>Senior Vice President Global Product Development General Motors</td>
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<tr>
<td>Jane E. Boon</td>
<td>'90</td>
<td>New York, N.Y. Treasurer, alumni association</td>
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<tr>
<td>Walter G. Borst</td>
<td>'85</td>
<td>President and CEO General Motors Asset Management</td>
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<td>Bruce D. Coventry</td>
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<td>Gary L. Cowger</td>
<td>'70</td>
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<td>Marjorie Sorge</td>
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<td>Executive Director Detroit Regional News Hub</td>
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**Kettering University Board of Trustees**
This was one of several photos found by Dr. Matthew Sanders, professor of Industrial Engineering, in the Academic Building. This photo, taken in 1989, shows Jeff Jaje, Paul Nielsen, Dave Schlott, Pat Wong, Todd Palmer, Steve Corrion and Chris Kolacz, according to the caption written on the back.