



THE MAGAZINE OF TRINE UNIVERSITY

TRINE

SUMMER 2016



Eric Roldan of Chicago stands between his father Erwin and mother Evelyn following commencement on May 7 at Trine University. Eric graduated with a BSBA in sport management and plans to attend graduate school and eventually work in college athletics. He graduated magna cum laude and earned the ACBSP Outstanding Student Leadership Award, given to a student from the Ketner School of Business who demonstrates outstanding and consistent leadership.

From the President's Desk

Growth — It's A Trine Thing

As an institution of higher education, Trine University is committed to strategic growth — growth with purpose and vision: growth in our programs; growth in the number of people we positively impact; growth in not only the knowledge base, but the personal and professional lives and development of our students.

In this edition of Trine magazine, you will see a chart showing how Trine University has evolved since the beginning of the new millennium. You'll also read stories about how Trine continues to expand and is laying the foundation for future growth, including:

- Two new athletic facilities that will be constructed thanks to the generosity of a significant lead gift. The new Thunder Ice Arena will allow Trine University to add competitive hockey teams next year, including the only collegiate NCAA women's hockey team in the state of Indiana. The new MTI Center will seat 3,000 fans and provide a state-of-the-art home for events as well as Trine men's and women's basketball teams.
- New enrollment records set in the spring semester and summer courses. The spring cohort of 3,657 students represents a rise of nearly 30 percent from the previous year.
- Trine students displaying their engineering, technological and business skills at the Innovation Challenge Expo and the Engineering Design Expo. Among the projects presented at the expos were a door locking mechanism that could keep schools safer in an active shooter situation, a device that would allow patients to perform multiple blood tests in the comfort of their own home, an optic mount for a satellite, and glasses that alert people with visual impairments when they get near objects.
- Trine's Jared Holmquist earning 2015-16 CoSIDA Academic All-American of the Year honors for men's basketball. He was voted the top scholar-athlete in NCAA Division III men's basketball, the first such award for Trine's men's basketball program as a member of Division III.

Many of you already have been part of the growth at Trine University. As we look forward to new challenges and opportunities as an institution, I invite you to continue to partner with us as we further our impact in the lives of our students, in the broader community and around the world. Be part of something greater — grow with us. It's A Trine Thing.

Sincerely,

Earl D. Brooks II

Earl D. Brooks II, Ph.D.
President



8
Hockey comes to Trine

\$18.9 million project will bring two new arenas to campus



12
Ark Encounter

Trine grads play key role in Ark's launch



14
Distinguished Speaker Series

Ray LaHood speaks on bipartisanship in government

Commencement 2016
Mitt Romney offers 7 keys to happiness to the Class of 2016

- 6 Trine Continues Growth
- 14 Campus News
- 30 In Memoriam
- 33 Class Notes
- 36 Eye on the Storm

ON THE COVER:
Trine University Magazine art director Steven Faramelli directs Storm during the cover photo shoot for this issue.



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Trine University, Angola, Indiana, www.trine.edu
This magazine is published twice yearly by University Marketing and Communications.

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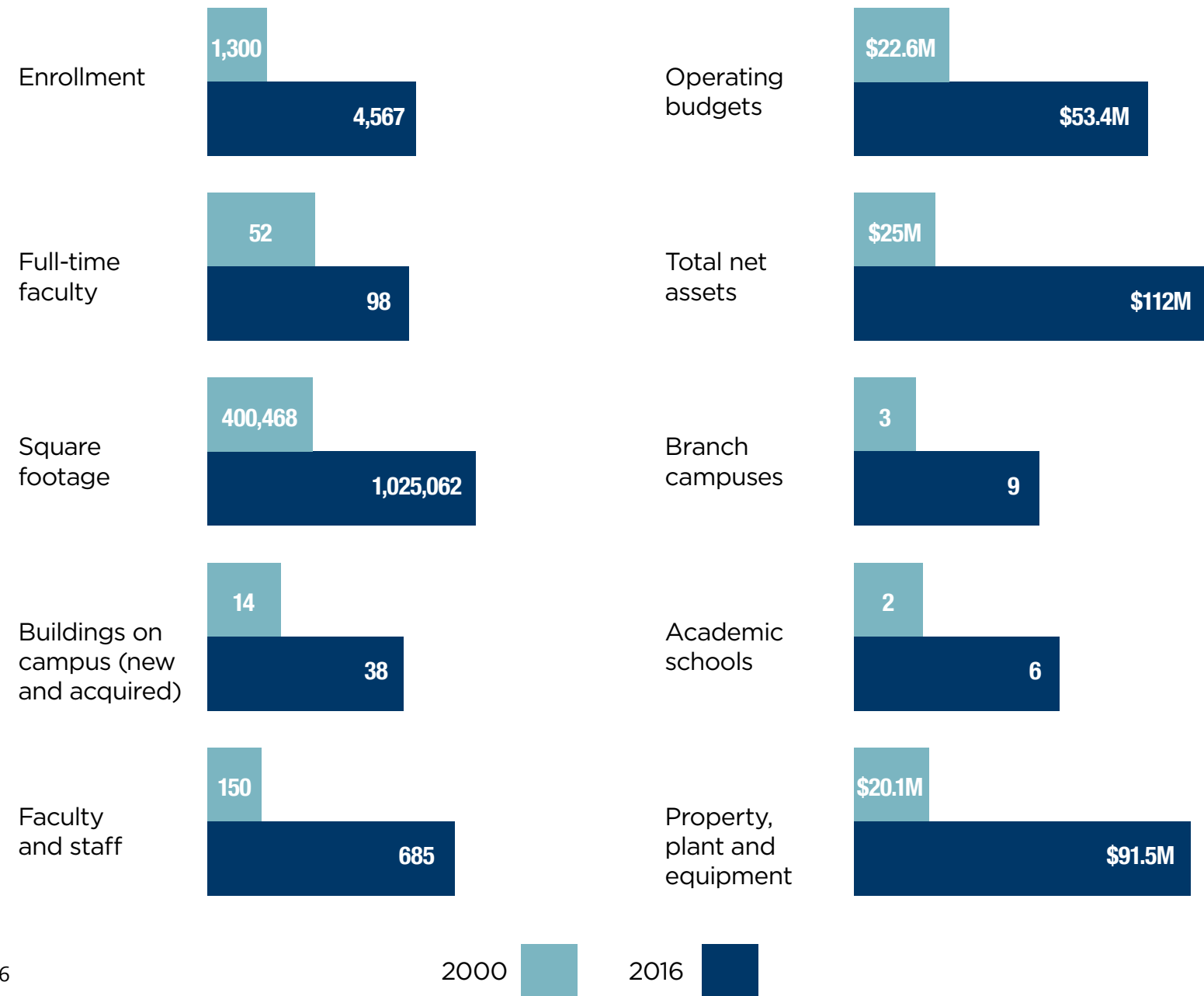
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TRINE UNIVERSITY GROWTH 2000-2016

Trine University has experienced unprecedented growth since the year 2000. As the 21st century progresses, Trine will continue to strategically develop its people, programs and facilities to make a positive impact on students, the community and beyond.



Spring enrollment hits new high

Up nearly 30% from last year

Trine University set a new institutional record for students studying at the university during the spring semester with 3,657 students.

The figure represents a nearly 30 percent rise from the same time last year, when Trine had 2,829 enrolled. The increase is attributed to more graduate and international students as well as more business, engineering and health sciences students.

Also aiding the growth is Trine's dual enrollment program, which enables high school students to take college courses.

"This increase is especially satisfying when coupled with our record-setting enrollment the past two fall semesters," said Scott Goplin, vice president for enrollment management. "Everyone on campus, including faculty, staff, coaches and current students, plays a huge role in growing and sustaining enrollment."

Dual enrollment and graduate classes also fueled a record enrollment in summer courses. The university had 1,272 enrolled for the summer, up more than 200 from 2015.

Trine prides itself on producing career-ready graduates prepared to succeed, lead and serve. Experiential learning, capstone projects, real-world application of classroom learning and enhanced campus experiences combine to give students a well-rounded education. Of Trine's 2015 graduates, 98.8 percent were employed or in graduate school within six months of graduating. ■

THUNDER HOCKEY 2017



Thunder will be on ice as part of \$18.9 million project

Although the calendar said it was spring, cold winds were blowing and snow was falling as mascots named Icy and Storm cavorted on the stage of the Ryan Concert Hall in the T. Furth Center for Performing Arts.

It was the perfect atmosphere to announce that Trine University is entering the world of hockey.

But even though hockey was the most distinct part of the day's revelations — Trine's programs will include the only NCAA Division III teams and the only women's college team at any level in the state — it was just part of a \$18.9 million project that will bring two new facilities (see related story on MTI Center), as well as more students and employees, to campus.

The April 7 event opened with a welcome from the Trine University pep band and some stick work from Storm, egged on by Icy, the mascot of the Fort Wayne Komets professional hockey team.

President Earl D. Brooks II, Ph.D., took the podium, calling it "a very significant and special time in the life of our 132-year-old institution," and broke the big news to the excited crowd of students, staff, trustees, community leaders and media.

The new 50,600-square-foot, 1,000-seat Thunder Ice Arena will be located on U.S. 20 (West Maumee Street) north of the University Center Apartments. Sporting an NCAA-compliant ice rink and a pro shop, the \$7.2 million arena will serve Trine teams and provide space for youth league hockey and community ice skating.

"We look forward to working with the city of Angola, the Steuben County YMCA and our local schools to provide opportunities for fitness, recreation and ice time for the families and youth of our community," Brooks said.

Trine's NCAA Division III hockey teams will take to the ice in the fall of 2017. The university has been accepted into the Northern Collegiate Hockey Association, a conference of regional institutions, and the American Collegiate Hockey Association Division II.

"Collegiate hockey will bring a new and exciting form of competition to the Trine University athletics family," said Matt Land, assistant vice president of athletics at Trine.

The university estimates the total project eventually will result in 15 new jobs and bring 200 new students to campus.

Board of Trustees Chairman and alumnus Dr. Rick L. James and his wife Dr. Vicki L. James, along with Metal Technologies Inc., provided a significant lead gift toward the cost of the project. Other major gifts toward the ice arena have been given by Larry and Judy Reiners and Sig and Cliff Ryan. Larry Reiners and Cliff Ryan are both Trine alumni and trustees.

Rick James said the couple is "extremely pleased to participate in this process and this project."

"We've believed for a long time an investment in Trine is really an investment in the quality of student life experience here and in education," he said. "We also believe it's going to be a significant resource

and benefit to the city of Angola, but more importantly northeast Indiana."

Angola Mayor Richard Hickman, whose city should see an economic boost as parents, visiting teams and youth hockey programs visit the area, concurred.

"This is the type of stuff you hear in Fort Wayne and Indianapolis and cities of that size, not communities the size of Angola. This is exciting," he said.

"Together these two arenas are going to help create a better quality of place in our community that other communities our size and larger can only dream about." ■

See related video online

Full announcement
bit.ly/TrineAnnouncement



Hershey Hall renovation approved

Trine University trustees approved an estimated \$3 million in renovations to Hershey Hall at their May 6 meeting.

The project will begin as soon as it is fully funded and will include updates and additions to the HVAC systems, renovation of locker rooms and improvements to the interior and exterior design of the building. ■

Veteran coaches to lead Trine hockey

Trine University Hockey coaches Alex Todd, left, and Tom Hofman

Trine University has named Tom Hofman and Alex Todd as head coaches for its NCAA Division III hockey teams, which will launch in the fall of 2017.

Todd has been named head coach for the men's team. He comes to Trine from the University of Nebraska at Omaha, where he served as assistant hockey coach for the men's NCAA Division I hockey team. He previously served as head coach at Castleton State College in Castleton, Vermont, and assistant coach at Utica College in Utica, New York. He also played professional hockey in the West Coast Hockey League and Central Hockey League.

He was named Coach of the Year at Castleton State in 2007 and was Eastern College Athletic Conference East Coach of the Year in 2011. He was named Rookie of the Year for the Fresno Falcons in 2002.

"I am incredibly honored to be the first men's hockey coach at Trine University. Since the moment I arrived in Angola, I have been impressed with not only the campus and infrastructure, but the amazing people who truly make up Trine University," he said. "The work that Dr. Earl Brooks and the staff, especially (Assistant Vice President for Athletics) Matt Land, have put into creating

the environment at Trine — an environment that is primed and ready for hockey — clearly shows their dedication to the success of the hockey program at Trine University.

"I believe that my variety of experiences in hockey as a player and a coach will be an excellent fit for Trine. I am eager to begin recruiting and introducing Trine and all it has to offer to hockey players all over North America. I am confident that through the collaborative efforts of the administration, the athletic department and myself, it is only a matter of time until Trine University is synonymous with hockey."

"Alex brings coaching experience at all different levels of college hockey as well as experience as a professional player," said Land. "The knowledge and skill that he has will be invaluable as the Thunder look forward to hitting the ice next year, and as we look ahead to building a competitive collegiate hockey program."

Hofman will serve as the coach of the women's team. He most recently served as the inaugural head coach of the women's ACHA Division I hockey team at Davenport University in Grand Rapids, Michigan. Previously he had served as an assistant men's hockey coach at Davenport

and an assistant women's hockey coach at Grand Valley State University, where his duties included serving as lead recruiter.

"I am honored and excited to be a part of the Trine athletics family, to embrace the mission and rich 132-year history of the university, as well as the greater Angola community," said Hofman. "I am thankful to Dr. Brooks, Mr. Land and the entire search committee for the incredible opportunity to develop and lead the Trine University women's hockey program. Their excitement, commitment, vision for academics and facilities were evident during this entire process. I am confident that my past experience in building a program at a private university will bode well in developing a competitive first-year team here."

"Tom comes to us with experience in getting a quality women's hockey program started, and we look forward to him doing the same and more here at Trine," said Land.

"As we look forward to launching these new programs, we are thrilled with the caliber of coaches we have to get them off the ground," said Earl D. Brooks II, Ph.D., Trine University president. "Building quality programs starts with strong leadership, and we believe we have found capable leaders in both our new hockey coaches." ■

MTI Center will house basketball programs

The new home for Trine University's men's and women's basketball programs, the 3,000-seat, 74,840-square-foot MTI Center will be constructed at an estimated cost of \$10.3 million. Besides three basketball courts, the center will include a six-lane bowling alley and a fitness center, which will include machines as well as a free weight area. It also will include concessions and an alumni suite.

The new center, which will be located on the site of the Witmer Clubhouse and will integrate that building, will host Trine men's and women's basketball games.

"It will serve our men's and women's basketball programs, will provide fitness and recreation space for our campus and also the local community; it will expand our seating and venues for the growing entertainment arts and

cultural events," said Earl D. Brooks II, Ph.D., Trine University president.

Major gifts toward the construction of the MTI Center have been given by Dr. Rick L. and Dr. Vicki L. James/Metal Technologies Inc., Parkview Health, Parkview Ortho Hospital ONE, Larry and Judy Reiners, Keith and Cindy Turner and Sig and Cliff Ryan.

The center is expected to be complete within two years. ■



Trine grads play key role in Ark's launch

It's the largest structure of its kind in the world, set to have a huge economic impact on its surrounding community.

The Ark Encounter is a project of biblical proportions, and four Tri-State/Trine University graduates have played a key role in making it a reality.

Five stories high and 550 feet long, the Ark is a full-size re-creation of Noah's Ark, detailed in the biblical book of Genesis, and will serve as the centerpiece of a Williamstown, Kentucky, theme park related to the nearby Creation Museum.

The Ark opens July 7 for 40 days and 40 nights before starting regular hours, and the park is eventually expected to bring in more than 1 million visitors annually.

"I liken this to being Cinderella's Castle (at Disney World)," said Byron "Burne" Miller, a 1984 civil engineering graduate and project manager for Mishawaka, Indiana-based Troyer Group, which managed the engineering, planning, architecture and construction of the project. "The ark is the Cinderella's Castle, but there has to be so much more to it than the attraction. There has to be all these other exhibits and events going on. So we master planned for all that to take place."

Though the project is by far the most ambitious undertaking by the 45-year-old company, Senior Vice President and Senior Mechanical Engineer Ron Troyer, a 1985 mechanical engineering graduate and son of founder Leroy Troyer, said Troyer Group had completed several projects that set it apart as being up to the task, among them managing construction of the American Countryside Farmers Market in Elkhart, Indiana, which at the time was one of the largest timber-framed structures in the United States.

But the Ark, which will be the world's largest such structure, went far beyond that.

"It's a once in a lifetime project — the complexity as well as the notoriety," Ron Troyer said. "I never expected I would be involved with designing Noah's Ark."

Troyer Group started working on the Ark Encounter with Answers in Genesis, the group that developed the Creation Museum, in 2009, helping initially with site selection and then master planning. Kyle Silveus, a 2009 civil engineering graduate, was involved in zoning for the project along with Miller and John E. Leszczynski, Troyer Group's senior vice president and a 1975 civil engineering graduate.

"I worked closely with Burne on site development and site grading," said Silveus. "Also drainage: We were tasked with the ironic job of keeping water away from the ark."

"The site when we took it over was not buildable and we had to make it buildable," Leszczynski said. "There were a lot of environmental issues, a lot of design issues we had to deal with. We moved 1.5 million cubic yards of rock and dirt."

Besides drainage, the process had to account for water, sanitary sewer, environmental impacts, designing a tram for transporting visitors from a nearly 4,000-space parking area and improvements to the Kentucky highway that serves the site.

"(The parking lot) alone is the size of the theme park," said Miller. "It's not as sexy. We understand that. It doesn't make any money but it's no less important."

"We received the permits in record time (and) we've developed good relationships with the communities around the site," Leszczynski said. "This is not about just being able to complete the design, it's about the total package, making it

work. We've laid out the infrastructure so that you can put hotels, restaurants, all kinds of ancillary development for a town the size of Williamstown. We put the infrastructure in place and designed it such that it could happen."

Ron Troyer was responsible for the heating, ventilation and air conditioning (HVAC), including plumbing and a fire protection system. That meant designing systems like ventilation and climate control to work within the context of a large timber structure representing a millennia-old boat.

"Hopefully these mechanical systems won't be something people even notice, because they will be looking at the heavy timber and more importantly the themed displays of Noah's Ark," he said.

Troyer Group also faced the challenge of balancing environmental concerns and modern codes with trying to come up with as accurate a representation of the ark as possible. Answers in Genesis brought in an expert from Australia who met with the design team early in the process to discuss the layout, including defining the length of the biblical cubit.

"Internally we have people who have different ideas of what the boat would have looked like. So what did it look like? We say it looked like this," Miller said.

Besides trying to minimize the number of trees felled and impact on local waterways, Miller said Troyer Group worked to be environmentally responsible with Ark Encounter through methods such as orienting the ark so that it could take maximum advantage of wind and sun for heating and cooling.

"There's different ways of being environmentally conscious and they all add up," he said.



Trine alumni at Troyer Group (from left) Ron Troyer, Kyle Silveus, John Leszczynski and Byron "Burne" Miller

Photo Gallery
Go to troyergroup.com to see a photo gallery from Ark Encounter's construction

While the biblical Noah took 120 years to build his ark, Troyer Group, employing Amish craftsmen for the timber work as well as modern-day tools and techniques, has built Ark Encounter in three.

"This is probably the most condensed construction season for a project of this magnitude that anyone's ever seen," Leszczynski said.

"How do you eat an elephant? One bite at a time," Miller said. "We have a construction management team who've done this for years essentially breaking it down into smaller phases."

But even with the Ark set to launch soon, Troyer Group's work isn't finished. In many ways, it's just starting.

"I'm probably working on it almost as much as when we were in the design phase," Miller said.

Troyer Group will continue to be involved as more is added to the Ark Encounter site. Plans eventually call for a walled city, the biblical Tower of Babel, a first-century Middle Eastern village and more. The next addition will be a restaurant that will seat nearly 1,500 people.

"As the need continues to grow they'll keep adding on," Leszczynski said. "We'll be involved with just about every building that needs an architect and engineer."

The group also has other major projects going. Silveus is working as part of a \$200 million renovation project to the

Indiana Toll Road; Leszczynski said the client specifically asked for Silveus "because of his capabilities and his knowledge and his Trine education."

"Our Trine University education gave us the background, the ability to learn," Leszczynski said. "As we hire engineers from Trine University we look at people that have the foundation, have the basics, have the common sense — the ability to learn — and we can teach them some of these newfangled things."

Regarding the Ark, he said, "A lot of it was our Trine University education that made it possible, the practical part of this whole thing." ■

FORMER U.S. SECT. CALLS FOR GOVERNMENT TO WORK TOGETHER



From left, Earl D. Brooks, II, Ph.D., Ray LaHood and Stephen LaHood

If America is going to move forward, elected officials are going to have to work together to get things done.

That theme was hammered home by former congressman and United States Department of Transportation Secretary Raymond H. "Ray" LaHood during the Distinguished Speaker Series held on April 18 at Trine University.

Speaking in the T. Furth Center for Performing Arts on the topic of "Seeking Bipartisanship," LaHood said the public is frustrated that things are not getting accomplished in government, citing historically low approval ratings.

"The American people think that Congress really doesn't do much. It doesn't really solve problems," he said.

Responding to audience questions after his formal presentation, LaHood encouraged those in attendance to vote in the primary elections for those who believe that government can be used to make positive changes.

"Look at the people that are running for office. Are these the people that are going to move America forward?" he said. "Are these the people that are going to solve tax reform, pass a budget, solve immigration reform, fix the roads? Or are they going to be the people that say, 'Hey, government has no role.'"

Early in his address, LaHood — whose brother Stephen R. LaHood, 1970 BSBA, is a member of the board of trustees — encouraged Trine students in attendance to make the most of their opportunities, noting that his interest in politics didn't begin until after he'd graduated college and started a teaching career.

"You have no idea where your journey is going to lead you, but what you take with you from Trine University is a great education and a diploma and an opportunity — because we live in America — to do whatever you want to do, to be whatever you want to be," he said.

Designed to give educational enrichment that complements other learning experiences, Trine University's Distinguished Speaker Series brings experts in various fields to campus throughout the school year. All Distinguished Speaker Series events are free and open to the public. ■

Video: 'Seeking Bipartisanship' bit.ly/LaHoodTrine



Annual Scholarship Gala tops records

Event draws more guests, funds than ever

Trine University raised a record-setting \$742,000 during its 13th annual Scholarship Gala fundraising event on Feb. 13.

A crowd of 403 guests, the largest ever, helped set the record by bidding on auction items while even more individuals assisted by sponsoring the event and donating items for auction.

"The kindness and generosity of our friends and supporters continues to amaze and impress us each year," said Earl D. Brooks II, Ph.D., Trine president. "We are grateful for the huge financial support shown to our students because this money is used to fund scholarships."

During this academic year, Trine provided more than \$24 million in institutional aid to students.

The president, along with Dr. Rick L. James, chair of the Board of Trustees, helped bring in

\$1,800 with a surprise tie auction. Master of ceremonies Jeff Turner raised the excitement when without warning he suggested the sale of the tie Brooks was wearing. Guests cheered in support and James, a 1977 alumnus, allowed his tie to be sold, too.

Throughout the evening, trustee and State Sen. Dennis Kruse auctioned resort vacation packages, a four-course meal for eight with wine pairings and items for fans of professional athletics. Big on the auction block was an Indianapolis Colts jersey autographed by Peyton Manning that sold for \$3,000.

Items from spa day pampering to sports memorabilia to designer totes, jewelry and watches were sold by silent auction. Guests mingled around the outer perimeter of the room to view the many items available.

The Trine University Jazz Band, under the direction of Brian Derek, provided live music

and vocals while guests enjoyed wine tasting and a gourmet dinner complete with a Valentine's Day-inspired dessert. The auction began with Kruse auctioning Books and Beyond Scholarships, resulting in \$29,000 for the program. This year \$200,000 has been raised for Books and Beyond Scholarships, which help financially disadvantaged students with book vouchers, personal computers, basic school supplies, special project needs and tuition gap assistance. As they have for the past few years, Dr. Rick L. James and his wife, Dr. Vicki L. James, and the Metal Technologies Foundation offered a \$100,000 matching grant for the scholarships.

Be sure to be a part of this exciting event next year and mark your calendar for Feb. 11, 2017. ■





Fort Wayne pastor highlights MSO's 25th anniversary

Rev. Timothy Lake, Ph.D., delivered a message on peace, diversity and unity to a nearly filled Fabiani Theatre during the Multicultural Student Organization's (MSO) 25th year anniversary celebration on Feb. 5.

Lake, pastor of Union Baptist Church of Fort Wayne, honored Martin Luther King Jr.'s legacy and discussed how King's message continues to bring peace, diversity and unity throughout the nation. When talking about going forward as a country Lake asked, "Will we advocate peace?" Lake also talked about how the MSO mirrors King's message.

Choirs from Pilgrim Baptist and Union Baptist churches in Fort Wayne performed. Trine senior Elyse Buehrer sang "Amazing Grace" in seven languages (Spanish, Cherokee, Chinese, Japanese, Arabic, Swahili and English) and "How Great Thou Art."

Other speakers were Angola Mayor Richard Hickman, vice president of academic affairs Allen Hersel and adjunct professor Lou Ann Homan. ■

Directors chosen for Master of Physician Assistant Studies program



Trine University has added two experienced medical professionals to lead its emerging Master of Physician Assistant Studies (MPAS) program, which is scheduled to begin in Fall 2018.

Dawn M. LaBarbera, Ph.D., certified physician assistant (PA), has been named director of the new program. The Fort Wayne resident has been a certified PA since 1994 and has taught at the college level since 1995.

LaBarbera had served as chair and professor in the Department of Physician Assistant Studies at University of Saint Francis, Fort Wayne. She has also held positions as curriculum coordinator and associate professor at Rosalind Franklin University of Medicine and Science (formerly Finch University of Health Sciences) in North Chicago; and as clinical assistant professor, clinical preceptor, research coordinator, clinical coordinator, assistant program director, assistant professor and admissions coordinator in the Physician Assistant Department, Finch University.

As a PA, she has served at Lutheran Medical Group in Fort Wayne; with two family practices in Libertyville, Ohio; and at the Veterans Affairs Medical Center, North Chicago.



Dr. Emilio de Jesus Vazquez, CMD, FAAFP, has been named medical director of the program. The Auburn physician began his medical career more than 40 years ago when he enlisted in the U.S. Navy and became a chief corpsman.

Vazquez comes to Trine from DeKalb Health, where he served as chief medical officer/vice president for medical affairs. He was also medical director for the Chest Pain Center at DeKalb Health and for the DeKalb Health Home Health and Hospice. In addition, he has been serving as the medical director at Laurels of DeKalb in Butler, Miller's Merry Manor in Garrett and Wesley Health Care and Rehabilitation in Auburn.

He also dedicates time as a volunteer faculty member in the physician assistant program at the University of St. Francis School of Health Sciences and as a part-time faculty member in the Fort Wayne Medical Education Program.

In 2005, Dr. Vazquez retired as commander, Medical Corps U.S. Navy. He had held six different commissioned leadership positions with the Navy. He has been a director of emergency medical services; department head of a medical department; director of a family medicine clinic, anesthesia services, laboratory services and clinical services; associate director of a Family Medicine Residency; and sector medical liaison in Croatia.

Tyler leads Engineering School



Timothy Tyler, Ph.D., has been named dean of the Allen School of Engineering & Technology in the College of Engineering and Business, effective June 1.

Tyler has served as a faculty member in the civil engineering department at Trine University for 21 years, chairing the department for three years. He is the winner of five McKetta-Smith Excellence in Teaching Awards and was faculty advisor for Chi Epsilon and Engineers Without Borders. He served as associate dean of the Allen School of Engineering & Technology for one year.

Prior to working at Trine, Tyler was a project engineer for consulting firms in Virginia and North Carolina. He is a registered professional engineer in Virginia, Indiana, Michigan and Ohio, and serves as a part-time consulting engineer for Patriot Engineering and Environmental Inc., a position he has held for 17 years.

He is a member of the American Society of Civil Engineers, Order of the Engineer and American Society for Engineering Education.

Tyler holds bachelor of science and master of science degrees in civil engineering from West Virginia University and a Ph.D. from Virginia Tech.

Swick takes charge at Ketner



Trine University has promoted a professor and graduate program director to lead the Ketner School of Business in the College of Engineering and Business.

Since joining Trine in 2012, Thomas "Toby" Swick has played a key role in advancing the business school. Swick has served as the director of graduate programs in the Ketner School since September 2014. While at Trine, he's also taught international business and led students on study abroad trips to China, Germany, Austria, Switzerland and Italy. He joined Trine as an assistant professor and teaches business and management classes. In May 2015, he received the Charles William, Nelle Paris and Mary Ann McKetta Excellence in Teaching Award in Business. In spring 2015, Swick was named chair of the Ketner School.

While serving as director of graduate programs in business at Bowling Green State University, he was responsible for the executive MBA, Dana Corporation MBA, full-time MBA, evening MBA and Master in Organization Development programs. Swick also has experience as director of graduate programs at Indiana University, Kelley School of Business, where he was responsible for the part-time MBA and Master of Science in accounting programs.

His career in higher education began in 1995 with a teaching assignment at BGSU School of Human Movement, Sport and Leisure Studies. Swick has also taught at Indiana University, Kelley School of Business; and BGSU College of Business Administration, Department of Marketing.

Before his career in higher education, Swick worked for five years in sales in the marine and sporting goods industries. He served as key accounts sales manager, regional account representative and area sales representative for water sports and boat companies.

Jarzyna to lead Trine marketing efforts



Experienced marketing and public relations professional Dave Jarzyna has joined Trine University as vice president, University Marketing and Communications.

As vice president, Jarzyna will lead efforts in marketing, communications and public relations for Trine University. He will be responsible for developing and implementing integrated strategies and marketing communication plans that emphasize Trine's unique brand by enhancing the university's visibility, viability and vibrancy in alignment with its strategic plan.

Jarzyna comes to Trine from Hamline University in St. Paul, Minnesota, where he most recently served as associate vice president of marketing. At Hamline, he managed a team that developed and executed strategic marketing plans to ensure the university met its enrollment and operational goals. Prior to his promotion to associate vice president, Jarzyna served as assistant dean for marketing and recruitment for Hamline's School of Law, Minnesota's top-ranked private law school before its recent combination with William Mitchell College of Law, which formed Mitchell Hamline School of Law.

Jarzyna also was vice president of college relations and admissions at Dunwoody College of Technology in Minneapolis. His agency experience includes serving as vice president at several public relations and marketing firms in Minnesota, and he also was director of marketing at WCCO Radio, general manager at Midwest Radio Networks and director of marketing and broadcasting for the Minnesota Twins baseball club.

Kazi, Gerschutz earn teaching awards



Haseeb Kazi, Ph.D.



Maria Gerschutz, Ph.D.

Two Trine University faculty members have been recognized by their peers with teaching awards.

Haseeb Kazi, Ph.D., associate professor of mathematics at Trine University, was honored with the 2016 Distinguished Teaching Award by the Mathematical Association of America, Indiana section.

Kazi was presented the award following the organization's banquet on March 18. He also has been nominated by the Indiana section for the Deborah and Franklin Tepper Haimo Award from the national MAA organization, which honors college or university teachers whose teaching effectiveness has been shown to have influence beyond their own institutions. The award is given to no more than three educators from the United States or Canada each year.

Kazi's citation for IN-MAA's Distinguished Teaching Award reads, in part, that "This year's recipient possesses an impressive record of growth and recognition as an educator, scholar, program director, and faculty president."

Maria Gerschutz, Ph.D., chair and assistant professor of biomedical engineering at Trine University, was named 2016 Outstanding Teacher of the Year in the Illinois-Indiana section of the American Society for Engineering Education at the organization's annual conference.

The conference was held April 9 at the Western Illinois University Riverfront Campus in Moline, Illinois.

Gerschutz is the first professor from Trine University to receive the award, which is open

to all professors from university engineering programs in the two-state area. Her information will be submitted to the national ASEE headquarters for consideration next year for the national award.

"Maria is an exceptional faculty member at Trine. She is not only a very effective and engaging teacher, as evident by her recent ASEE award as well as a Trine McKetta Teaching award last year, but she is engaged in collaborative research in industry and academia while being a department chair," said Timothy Tyler, Ph.D., dean of the Allen School of Engineering & Technology. "She is also a very positive person who is wonderful to work with. We are truly thankful to have her as part of our engineering faculty team." ■

Trine honored for community contributions

Trine University was honored for the Best Contribution to the Community during the Angola Area Chamber of Commerce's annual Ebbie Awards Banquet and Business Showcase on March 10.

Dubbed the "Ebbie Awards," the Excellence in Business Accolades acknowledge the professionals who set the bar in their respective categories, as determined by Chamber member voters. The banquet and showcase was held in the Keith E. Busse/Steel Dynamics Inc. Athletic and Recreation Center at Trine. ■

Registrar a fixture for 33 years

By Catherine E. Porter
marketing and communication '16

Whether you need help registering for classes, a copy of your official transcript or you have a question about nearly any other aspect of your education at Trine University, Debra Helmsing is sure to be the one you're looking for.

Helmsing, Trine University's registrar, graduated from the University of Saint Francis in 1981 as an English education major. After dabbling in substitute teaching, she realized her passion was not in the classroom and accepted a position as an admission counselor at then-Tri-State University in 1983. She became so comfortable with the school's computer system that when the registrar position opened up in the early '90s, she was the best candidate to take over as interim registrar.

"It's funny how life takes twists and turns," she said of her unorthodox career path. "It was kind of out of the blue that everything worked out in the registrar's office. Eventually, 'interim' was just dropped from my title. More than 30 years later, I feel very blessed for the opportunities I've been given and to still be a part of the Trine family," she said.

An average day for Helmsing involves working through data and reports, running queries on the school's software, answering phone and email inquiries and working with students. Helmsing is versed on student matters from account holds to prerequisites

and assisting in class registration. Her schedule also varies depending on the time of semester – just a few weeks after returning from winter break, the registrar's office begins preparation for graduation, which includes planning honors day, assisting with the commencement ceremony and preparing the student information section of the graduation program.

Some of the more memorable experiences for Helmsing as registrar involve the changes she's seen on campus.

"I've been honored to be a part of Trine during a time of tremendous growth and success," she said. Helmsing has helped the school switch from quarters to semesters, moved to her current office in Forman Hall from the lower level of Best Hall, attended the university's first football game and witnessed the construction and opening of several new and renovated buildings on campus. One change that tops the list for her was the transition from Tri-State to Trine University because of overhauls that took place within her office.

"We offered Trine University diplomas to all Tri-State alums," she explained, highlighting just one aspect of the behind-the-scenes work she undertakes.

Another memorable part of Helmsing's career has been developing relationships with the people she works with. She has only had six different full-time people on her staff and three of them are still with her, providing longevity that makes her job easier and more enjoyable.

"I'm blessed to work with a very good staff, and I have formed lasting relationships with my work-study students as well. I've been invited to a few weddings," she said.

These relationships help complete the big picture of Helmsing's experience with Trine. "I'm really happy where I am. I feel like I've grown up here and my kids have grown up here," she said.

While both of Helmsing's sons chose to attend other schools, they took advantage of the tuition exchange program made available by Helmsing's Trine employment and have participated in many Trine events. Her husband Larry has also been part of the Trine community, having graduated from Tri-State in 1990 and having previously worked in the university's IT department for 10 years.

When she's not busy making schedules and answering inquiries in Forman Hall, Helmsing enjoys indulging in adventure and letting her feet hit the earth.

"My husband and I like to cross-country ski and visit national parks," she said. While she loved visiting Alaska recently, she admits that her favorite place in the world is Yellowstone National Park.

No matter where her cross-country journeys take her, though, she's happy that each adventure ends back at Trine University. "So much of my working career has been at Trine," she said. "It means everything to me. It's part of my life." ■

Romney gives grads 7 keys to happiness

Former Massachusetts Governor Mitt Romney, the 2012 Republican candidate for president, encouraged Trine University's Class of 2016 to value friends, family and a greater purpose as he addressed the graduates May 7.

More than 5,000 people attending Trine's 131st commencement ceremony in the Keith E. Busse/Steel Dynamics Inc. Athletic and Recreation Center heard the National Anthem sung by Elyse Buehrer, a member of the Class of 2016 and the first Trine University student to graduate with a major in music.

Trine University President Earl D. Brooks II, Ph.D., welcomed the graduates by saying, "The word 'commencement' means a beginning. You've achieved a significant new beginning, and that alone is cause for celebration today. ... I hope you hold on to the new beginning and I hope you will remember this day and Trine University as you travel your new path."

Romney began his address by congratulating the graduates, families and others in attendance and joked, "I'm happy to give any address that isn't a concession speech."

Borrowing from Brigham Young University classmate Steven R. Covey's "The 7 Habits of Highly Effective People," Romney titled his address "The 7 Habits of Highly Happy People" and offered the following pieces of advice to the graduating class:

Keep hold of your friends.

"The most valuable thing you may get from your years at Trine may be the friends you made here," Romney said. "My close college and graduate school friends and I share milestones together, we celebrate accomplishments and mourn losses. We've helped each other in our careers."

Make a family.

Calling marriage "the single most rewarding part of my life, by far," Romney said, "Marriage involves passion, conflict, emotion, fear, hope, compromise, understanding — in short, it is living life to the fullest. Of course, some of you may choose to be single all your lives, and others may never find your soul mate, and I wouldn't suggest you settle. But for those who are thinking about marriage someday and who find a person they love, my witness is that it makes all the difference in the world."

Do your present job well.

"Don't complain and gripe, don't just try to get by," he said. "Dig in, learn everything you can about the business and its industry. Be worth more than what you're getting paid."

Don't swallow a hook.

"There are things that look good at first, but impale you and prevent escape. And they can ruin your happiness," said Romney, warning against such vices as drugs and pornography. "Stay away from hooks, and if you've already swallowed one, do whatever it takes to get free of it."

Take responsibility.

Romney cautioned that "blaming others prevents you from taking control and changing the outcome. Taking responsibility puts you in charge, puts you in control. Take responsibility so that you can guide the course of your life."

Live for something larger than yourself.

"If you live your life exclusively for yourself, it will be shallow and disappointing," Romney said. "Live for something greater: for your family, your faith, your country, your university, or perhaps for some cause political, social or religious. With a real purpose in your life, life is a great deal more fulfilling and will bring you a great deal more joy and happiness."

Be careful what you wish for.

Romney told the story of a 60-year-old man who, upon finding a magic lamp, wished his wife was 30 years younger than him — only to find himself changed into a 90-year-old.

"I don't know that there's anything wrong with hoping you will make lots of money, or rise to the top of a corporate pyramid, or start a blockbuster company, or have your research published and acclaimed," he said, "but what I do know is that if that's all your life is about, you probably won't find the success you seek."

take responsibility
live *keep hold of your friends*
for something larger than yourself *don't swallow a hook*
make a family
be careful what you wish for
do your present job well

In closing, Romney said, "Friends, family, a purpose greater than yourself, and ambitions with meaning: Choose this course and your life can be fulfilling and happy. Choose this course and the fabric of our society is strengthened, which is desperately needed today."

He warned, in remarks that were reported by news media worldwide, that, "We live in tumultuous times. Demagogues on the right and the left draw upon our darker angels, scapegoating immigrants and Muslims or bankers and business people. Profiteers tempt and endeavor to hook us with compulsive addictions. Entertainment media distracts us from the things that bring enduring achievements and happiness."

"Think carefully about the habits of your life. You deserve to be happy, and America deserves your wise choices."

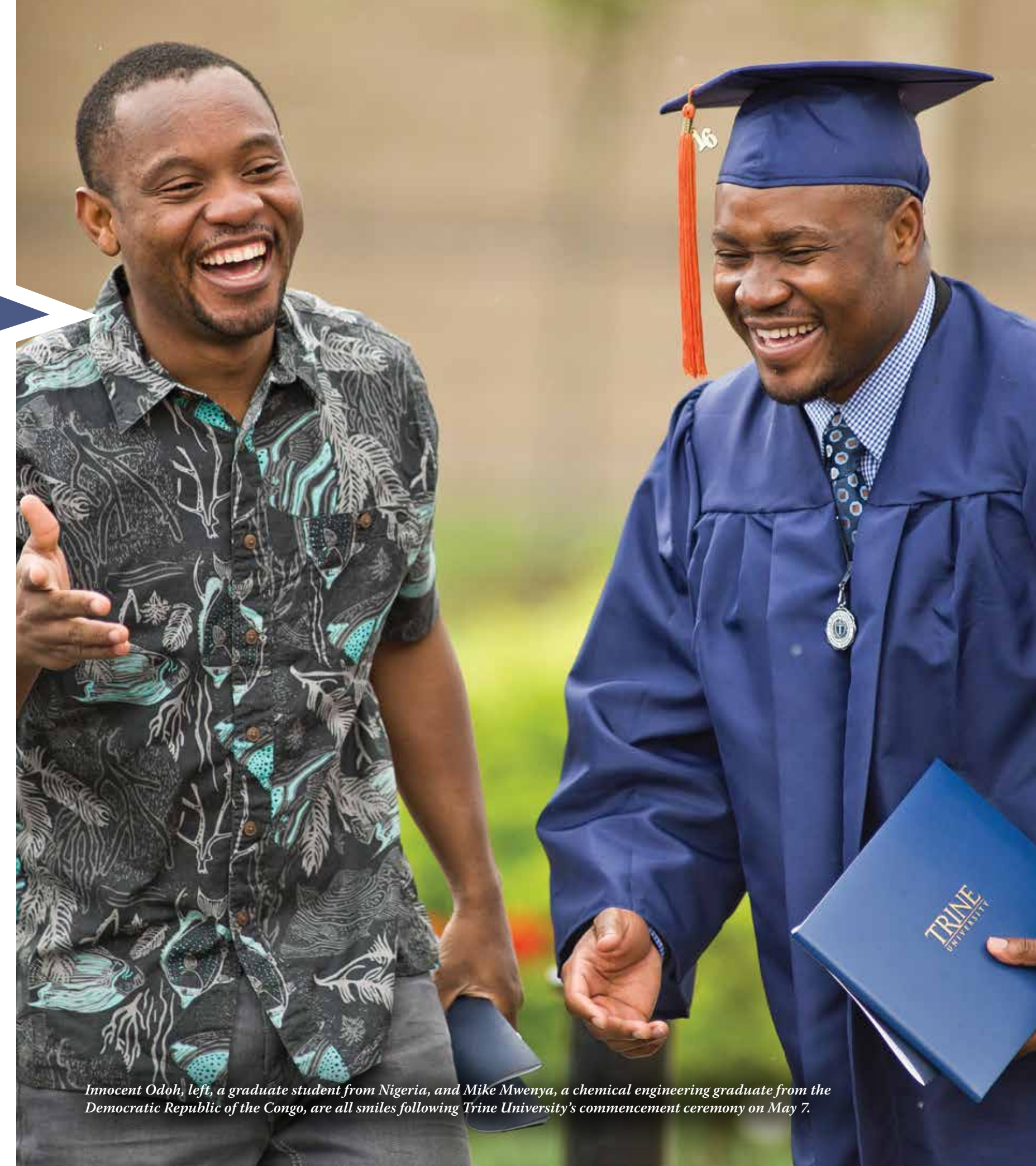
After his address, the university presented Romney with the honorary Doctor of Humane Letters degree.

Following the presentation of degrees to about 500 graduates in attendance — of about 650 who were eligible — Dustin Arvola, the 2016 Robert B. Stewart award winner, challenged his classmates to "have the courage to dream, to take a chance. Don't settle for being normal and don't be afraid to make mistakes."

In closing remarks, Brooks offered similar advice, telling the graduates, "You're now faced with the awesome responsibility of making the choices that will determine the person you are to become. Make those choices wisely." ■

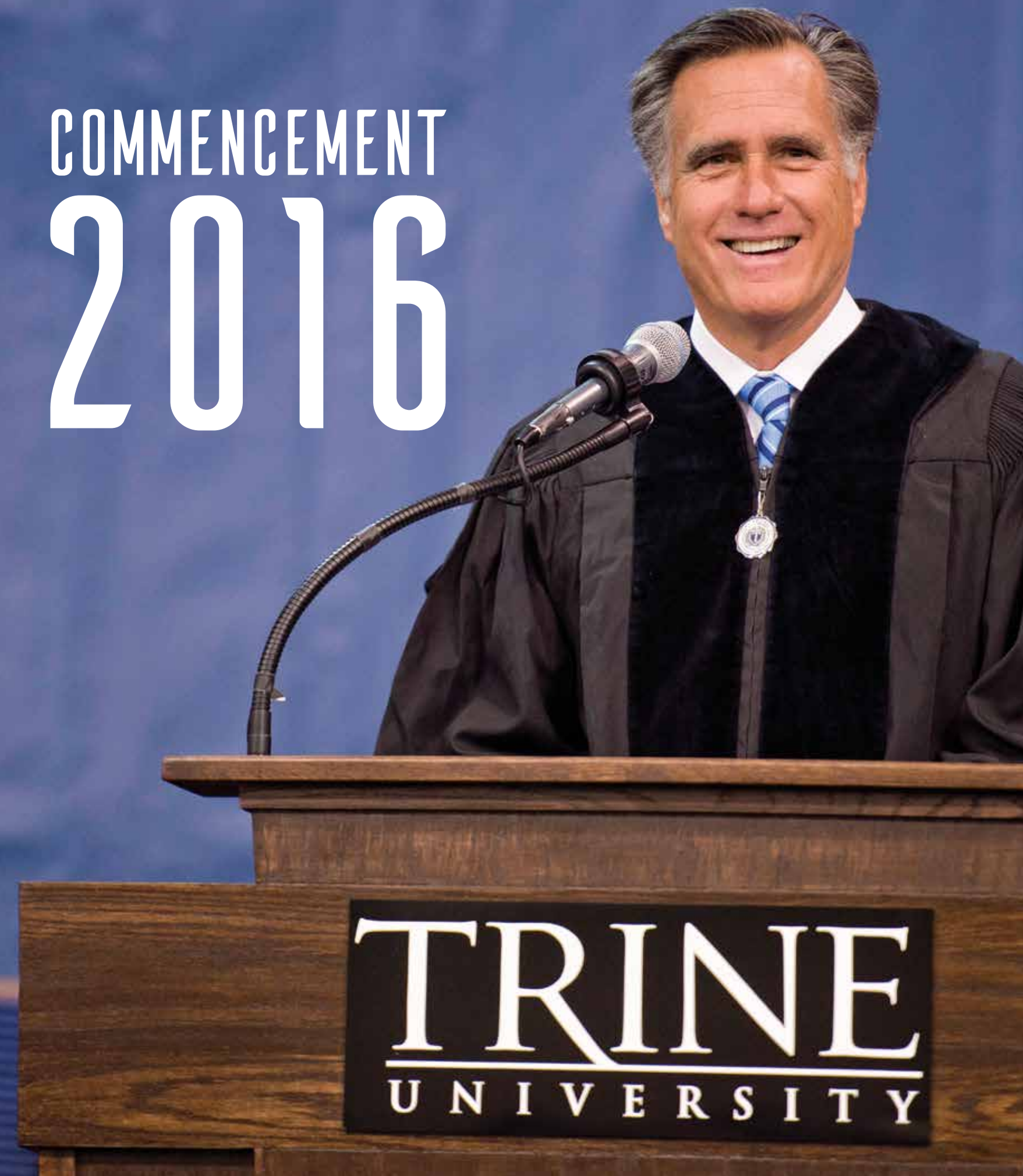
More at trine.edu

For more about the 2016 commencement ceremony, including video and links to news coverage, visit trine.edu/commencement



Innocent Odoh, left, a graduate student from Nigeria, and Mike Mwenya, a chemical engineering graduate from the Democratic Republic of the Congo, are all smiles following Trine University's commencement ceremony on May 7.

COMMENCEMENT 2016



COMMENCEMENT 2016



Trine breaks ground on addition, announces Rinker-Ross School of Health Sciences

Trine University broke ground May 6 on a 26,000-square-foot addition to its Best Hall of Science and announced the official naming of the Rinker-Ross School of Health Sciences.

The \$6.6 million expansion project, announced in February, will add seven laboratories, 12 offices and group study spaces to Best Hall, along with 140 new parking spaces, which are currently under construction.

The Rinker-Ross School of Health Sciences is named in honor of retired Dr. James R. Rinker of Binghamton, New York, a 1958 Trine alumnus, who designated a \$2.5 million estate gift for the Best Hall addition.

"Learning takes all forms here at Trine University: Whether it's engineering, whether it's business,

education, arts and science or health sciences, our students go beyond the classrooms and labs and have daily opportunities to breathe life into the knowledge and skills that they're developing," said Trine University President Earl D. Brooks II, Ph.D., during a groundbreaking ceremony. "Regardless of the major or the background or the discipline, every student at Trine University passes through this facility."

Praising Rinker, Brooks said, "His support, dedication and generosity will ensure a first-class learning environment to support all students of Trine University."

Also recognized for their support of the project were Drs. Rick L. and Vicki L. James, Keith and Cindy Turner

and William and Barbara Dubois. Rick James is a 1977 Trine alumnus and chair of its board of trustees, Keith Turner is a 1976 alumnus who also serves on the trustee board and William Dubois is a 1966 alumnus.

Those not in attendance, but recognized for their financial support of the expansion of Best Hall, included Thomas Tecco, a 1972 Trine alumnus and his wife Suella; Charlotte Brent, a 1988 Trine alumna; and Randall Plank, a 1975 Trine alumnus.

The Best Hall expansion includes biology, chemistry and multipurpose laboratories to serve students in engineering, health sciences, sciences and other fields of study. Two new group study spaces also are planned. The expanded space will be ready in January 2017. ■



From left are Ken Wilson, president of Jim Ingledue Construction Inc.; Richard Oeder, Trine University trustee and chairman of its campus planning committee; Jim Ingledue, CEO of Jim Ingledue Construction Inc.; Earl D. Brooks II, Ph.D., president of Trine University; Dr. James R. Rinker, a 1958 Trine alumnus who designated a \$2.5 million estate gift to the project; Keith Turner, a 1976 Trine alumnus and trustee who also provided financial support; Dr. Rick L. James, a 1977 alumnus and president of the Trine University board of trustees; William Dubois, a 1966 alumnus who supported the project financially; and Mike Bock, senior vice president at Trine University.

Annual expo shows off engineering projects

A mount for satellite lenses and a chemical-powered car were among 41 innovative senior projects at the 14th annual Engineering Design Expo, held April 29 at Trine University.

Senior engineering students worked in teams to produce a design project using their knowledge in a specific area, such as biomedical, bioprocess, chemical, civil, computer, electrical, environmental or mechanical engineering or design engineering technology. Their projects were on display throughout the hallways of Fawick Hall and the Bock Center.

One project, an optic mount to hold a lens in space, resulted from a collaboration between Innovation One and Harris Corporation. The student group was tasked with designing a mount that could withstand both the vibration of being launched into space and the

temperature change between Earth and space without distorting or damaging a lens.

Harris Corporation builds instruments used on environmental satellites and exposes the instruments to the harsh conditions of launch and space at its facility in Fort Wayne. Harris employees provided guidance on the engineering project to the students.

"This project was very challenging. Even in the last few weeks we were in constant communication with our sponsor trying to discuss concepts," said senior Drew Rowe.

A car powered and stopped by chemical reactions also was entered in the American Institute of Chemical Engineers Chem-E-Car competition on April 16 at Miami University in Oxford, Ohio. The goal of the project was to design a car that would stop and start by

chemical reactions and could travel 15 to 30 meters and carry anywhere between 0 and 500 milliliters of water. One hour before the competition, the distance requirement was set at 19.5 meters and the load requirement of 195 grams was given.

The Trine car, powered by a magnesium air battery and stopped by an iodine clock reaction, finished 1 meter away from the target, placing fifth and qualifying for national competition.

"We didn't really have a pre-existing car coming into this," said senior Michael Greenwell. "We kind of just started from scratch and created our own car." ■



Mitchell Schmucker, right, a mechanical engineering major from Morenci, Michigan, was part of a team that designed a case to keep an iPad Air from breaking, as well as a machine to test the case.



Trine University seniors Sarah Fowler, left, and Paul Carlquist were part of a team that worked on development of the SmartMed Case for their senior engineering design project.

Inspiration moves SmartMed Case forward

Among the futuristic as well as practical projects on display during Trine University's annual Engineering Design Expo was one product with a more personal story — and perhaps a more far-reaching impact.

A group of nine seniors worked on the SmartMed Case, a product still in development that would allow people to perform a variety of medical tests in their own home.

This year, the group worked on separating blood components for the different tests, designing a case to fit on an iPhone and developing an app that would allow results to be read on the phone. By the time of the Expo, the group had a working device that separated white and red blood cells and counted the red blood cells.

"The goal is to take this device and be able to diagnose medical conditions that are going on with a patient with real-time results," said Paul Carlquist, a team member and biomedical engineering major. "We learned that through all the testing we would need to be doing, we need to pick off one piece at a time."

"A lot of the development we've been doing is stuff that's never been done before," said Sarah Fowler, mechanical engineering major. "We did a lot of research at the beginning of the year to kind of see what exactly we were trying to accomplish, what has been done before and what we can do to improve on the things that have been done before. There's research that's been

done, but no one has ever done what we're doing right now."

Assistant Professor of Biomedical Engineering Melanie G. Watson, Ph.D., served as advisor for the project. The device has a very personal application for Watson — her daughter Claire, now 3½ years old, was diagnosed with Trisomy 18 before she was born and suffered from several conditions during her first year of life as a result, including liver cancer.

Chemotherapy and blood testing necessitated frequent trips for Watson and her family, who were living in Texas at the time, to Texas Children's Hospital, a four-hour drive.

"I remember being at Texas Children's Hospital, wheeling (Claire) to one of her labs to get her alpha-fetoprotein markers done — which is an indication of how well she's responding to the chemotherapy — and I thought, 'Why do we have to keep driving down here? Why can't we have this done in the comfort of my own home? Isn't there something out there that can do this?'" Watson said.

She formed a company, HandHeld Medical Technologies LLC, began trying to raise funds and worked with students where she was teaching to start the project. When she came to Trine, HandHeld Medical Technologies and her dream came along.

Besides cutting down on driving time and waiting in a hospital, Watson said the

SmartMed Case would help patients like Claire — whose immune system was suppressed due to the chemotherapy — not have to leave home and risk infection.

After this year, the team that worked on the SmartMed Case will hand the project off to another senior design team, which will be tasked with shrinking all its components to fit in the smartphone case, expanding the number of tests it can conduct and developing apps for more smartphone platforms.

"Our end goal is to make this a marketable thing — something as easy to purchase as a blood glucose meter for anyone," said Fowler.

Watson's other hope is that the SmartMed case will be able to link to healthcare records networks to automatically alert a doctor when his or her patient's test result is outside normal values.

Depending on funding, Watson said a product could be available for production within one to three years. She credits the students with advances the SmartMed Case has made.

"They are incredible and I'm very proud of them. They've made huge strides," she said. "When they see that they can make an impact they're much more in tune and they really want to dig in. And that's what they've done this year. They actually want to see the device succeed and that's saying a lot." ■

INNOVATION CHALLENGE WINNERS HONORED

Glasses that can signal someone with a visual impairment when an object is near and an improved method for keeping sports statistics were the top award-winners in the third annual Innovation Challenge expo held April 22 at Trine University.

The top prize of \$2,500 in the Technology category went to VibeSense, designed by Trine University freshmen Braden Hale, an electrical engineering major from Austin, Indiana; and biomedical engineering major Animesh Kunwar, from Santa Rosa, California. The Innovation Challenge is hosted by Trine's Innovation One and annual prizes are presented by Fifth Third Bank.

VibeSense glasses use ultrasonic sensors to detect nearby objects. As the person wearing the glasses gets closer to an object, the glasses vibrate with increased frequency.

Hale said the inspiration for the idea came from a swimming coach who talked about swimming "blind" — without goggles — and from a 9-year-old girl in his hometown who has visual impairments.

"Something like our product would go a long way in helping her live a more normal life," Hale said. "We'd love to take it farther in the future. We've got great feedback from some of the judges and professors and different people we've talked to."

"We're very thankful to Innovation One for giving us the chance to try what we can, to try to make a difference."

Second place in the category went to the Reverse Door Bar, a device to lock school classroom doors in an active shooter situation, designed by Alex Munger, a freshman design engineering technology major from Pioneer, Ohio; and Toothpaste Fun, a toothpaste tube cap that would allow toothpaste to be squeezed out in various shapes, designed by Anne Mammel, a senior biomechanical engineering major from Tecumseh, Michigan.

First place in the Business category went to Great Stats, sponsored by senior Luke Fimreite, a business

administration major from McCordsville, Indiana; and developed by senior informatics majors Fletcher Davidson of Seymour, Indiana; Rachel Morris of Beech Grove, Indiana; Tony Waltermann of Greenwood, Indiana; and Brandon Hunt of Elkhart, Indiana.

Great Stats is sports recording software created for colleges and high schools. The software features more updated coding and an easier-to-use interface than other products currently available.

"We've been able to make an endgame form, a consistent way to control across all sports and a user-friendly graphical user interface rather than having to input little initials for every little single play that you wanted to put into the sport," said Morris.

"High schoolers will have documented statistics for their sports career while in high school. They can use this as a sort of resume to apply to colleges, and colleges can come and scope out potential players."

Second place in the business category was won by ReflectED, a web-based educational tool that customizes schoolwork based on the unique interests of each student.

The project was sponsored by Anthony Kline, Ph.D., assistant professor in the Franks School of Education, and developed by Trey Calver, a senior finance major from Shelby, Ohio; and Devin Gingerich, a senior computer engineering major from Middlebury, Indiana.

Third place went to J & J Costuming, a proposed online distributor for custom-made props and costumes for cosplayers that eventually would expand to conventions. The concept was developed by senior design engineering technology majors Joseph Bowman of Mooresville, Indiana, and Jordan Penry of Indianapolis; senior electrical engineering major Gage McGrath of Clyde, Ohio; and sophomore electrical engineering major Zach Gering of South Bend, Indiana.

The award for Best University Entry was given to Allyson Ross, a senior mechanical engineering major from Akron, Indiana, and Donald Shockley, a senior mechanical engineering major from Delphi, Indiana. They developed "Not Your Grandma's Scooter," a walker that with a few simple adjustments by the user can be transformed into a scooter with a lightweight DC motor.

Brandon Heal of Wolcottville, Indiana, won the award for Best Community Entry. Heal developed the concept for Modifi, a business to design and sell commercial office furniture and accessories.

The award for Best High School Entry went to the Sun Funnel, developed by Dylan Cauffman and Ciera Silva, 10th-graders at Career Academy South Bend. The Sun Funnel is an object that, when attached to the eyepiece of a telescope, allows the user to look directly at the sun. The students 3-D modeled and printed the device at their school.

Prizes were awarded by Kevin Hipskind, market president for Fifth Third Bank, Central and Northeastern Indiana.

The Innovation Challenge, introduced in 2014, is open to students and residents of Indiana, Michigan and Ohio. Awards and scholarships are funded by a \$100,000 gift from Fifth Third Bank, Greater Indiana. ■



Freshmen Animesh Kunwar, left, and Braden Hale hold their VibeSense prototype. The project won the Technology category at the annual Innovation Challenge Expo.

Legacy grads complete circle

By Debbie Myers

Two recent graduates were busy when they attended Trine University, yet still enjoyed the Trine experience and prepared for their careers. Now employed as high school teachers, each took advantage of the annual math competition at Trine to give their students a personal tour.

While 2015 grads Trisha King and Trisha Carter were on the go for different reasons, each had the benefit of learning about Trine from a family member. They provided that same opportunity to another generation of students.

King, a mathematics/education major and an accomplished athlete, often visited campus with her brother Darin King, a 2010 mechanical engineering major. A soccer player and middle distance runner from Archbold, Ohio, Trisha King logged many miles, culminating in two state appearances in the 800-meter run.

During her senior year, Carter commuted from a part-time teaching job near Fort Wayne, her hometown, to Angola for classes. Her father, Terry Carter, a 1986 Trine grad and high school teacher, introduced his daughter to Trine, the mathematics program and some of the outstanding professors. After graduating, Carter transitioned to a full-time position at Harlan Christian School in Harlan, Indiana.

Each said their experience at Trine taught them to successfully manage busy schedules and they are grateful for faculty members who helped them.

"I felt prepared for the classroom," Carter said. "I talked with professors about what works and I student-taught, too."

Like Carter, King, who teaches at Northridge High School in Middlebury, Indiana, credits Trine with preparing her for the classroom.

"I was drawn to Trine's education program because it gets you in schools your freshman year," she said. "I felt comfortable going in, so starting my teaching career was more adjusting to the new environment than being nervous about teaching."

The annual mathematics competition brought both women back to Trine in January. After the event, each led their students on a campus

tour, pointing out favorite locations. Taylor Hall of Humanities is one of Carter's most beloved spots while King has an affinity for Hershey Hall, where she spent hours practicing and competing.

King's passion for athletics brings her back to Trine often to cheer for the Thunder at indoor and outdoor track and field meets and soccer games. ■



Trisha Carter, left, and Trisha King

Alumni who wish to introduce a student to Trine should visit trine.edu/payitforward or call **800.347.4878** or **260.665.4100**.

Trine mourns passing of Ketner, 95

Trine University mourns the loss of prominent alumnus Dr. Ralph W. Ketner, who died May 29 at the age of 95 at his home in Salisbury, North Carolina.

“We mourn Dr. Ketner’s passing but celebrate his tenacity, dedication and success over a life well-lived,” said Earl D. Brooks II, Ph.D., Trine University president. “We also are grateful for his continued generosity to Trine University and other institutions of higher learning. Dr. Ketner was a shining example for Trine University students and for all of us, showing us what it takes to reach the pinnacle of a profession, and how to use the fruits of one’s achievements to benefit others.”

The Salisbury Post reported that Dr. Ketner had been diagnosed with colon cancer earlier this year.

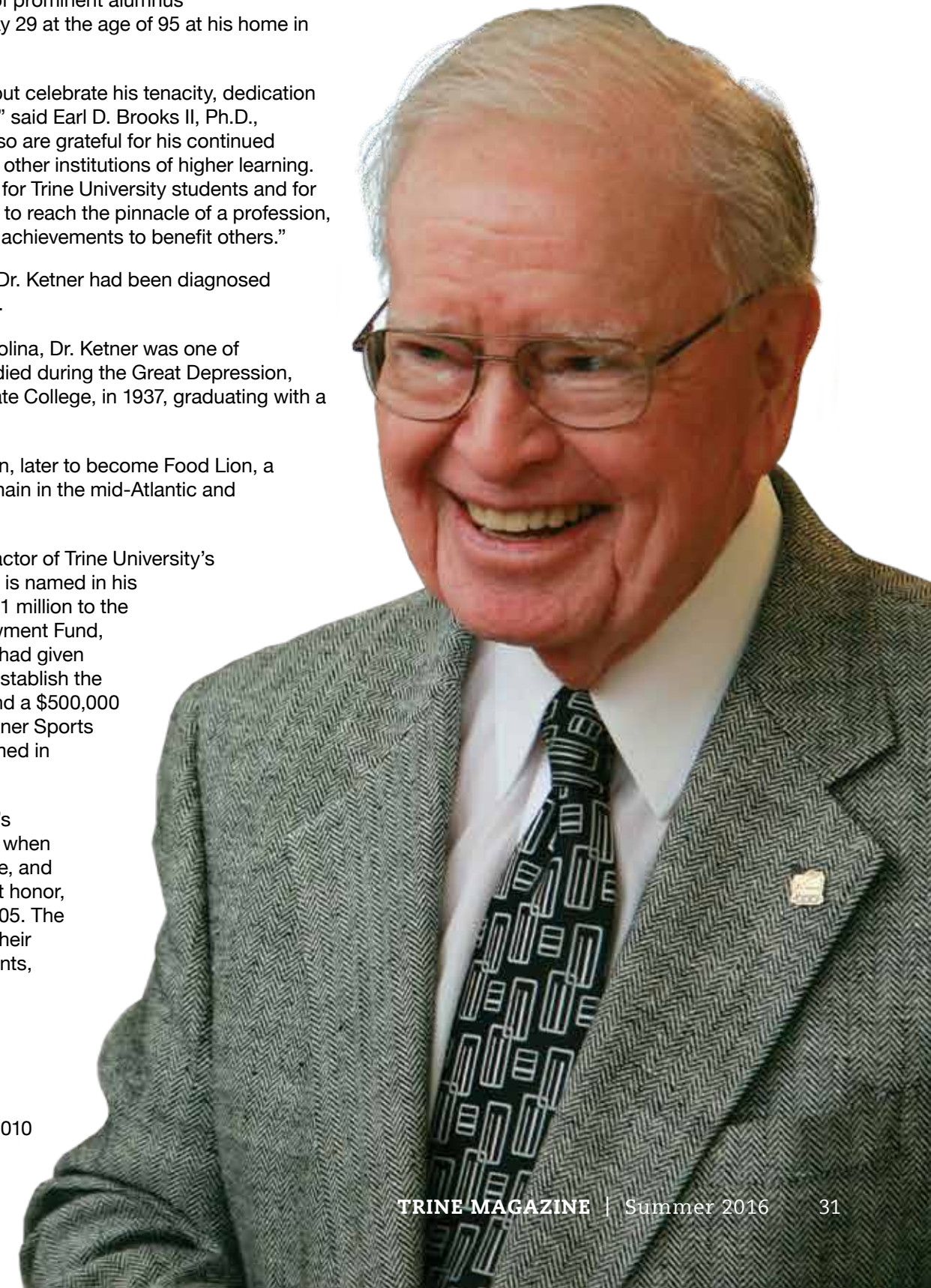
Born Sept. 20, 1920, in North Carolina, Dr. Ketner was one of seven children. His parents both died during the Great Depression, and he came to Trine, then Tri-State College, in 1937, graduating with a degree in accounting in 1939.

In 1957, he co-founded Food Town, later to become Food Lion, a successful 1,300-store grocery chain in the mid-Atlantic and southeast United States.

Dr. Ketner was an ongoing benefactor of Trine University’s Ketner School of Business, which is named in his honor. In December he donated \$1 million to the Ketner School of Business Endowment Fund, in addition to nearly \$2 million he had given previously to endow a chair and establish the endowment fund in the school, and a \$500,000 gift to the school in 2009. The Ketner Sports Center in Hershey Hall is also named in his honor.

He served as Tri-State University’s commencement speaker in 1982, when he received an honorary doctorate, and received Trine University’s highest honor, the Pillar of Success Award, in 2005. The award recognizes individuals for their achievements and accomplishments, leadership, service, philanthropy, commitment to their community and Trine University.

He also opened the Trine University’s Distinguished Speaker Series during the 2009-2010 school year.



1930s

Stanley Skalicky, 1934 BSME, Grand Junction, Colorado, Apr. 23, 2015
Lucile R. (Crowl) Goodrich, 1939 BSCE, Hudson, Indiana, Dec. 24, 2015
Ralph W. Ketner, 1939 BSAC, Salisbury, North Carolina, May 29, 2016

1940s

Daniel J. Galate, 1941 BSAE, Newark, New Jersey, Mar. 13, 2016
Virginia I. (Goodwin) Hale, 1941 SEC, Angola, Indiana, Apr. 9, 2016
William A. Rousseau, 1942 BSAERON, Webster Groves, Missouri, Jan. 15, 2016
Arthur Lyle Bloomfield, 1943 BSME, Arlington Heights, Illinois, May 19, 2011
George C. Walker Jr., 1944 BSME, Barre, Vermont, Feb. 29, 2016
Donald A. Dertien, 1945 BSChE, Gainesville, Florida, Oct. 19, 2015
Raymond E. Robbins, 1945 BSDDT, Dayton, Ohio, Dec. 16, 2015
James H. Carpenter, 1947 BSAERON, Hagerstown, Maryland, Dec. 19, 2015
William “Jack” Geiler Jr., 1947 BSBA, Cincinnati, Ohio, Mar. 18, 2016
Robert L. Linegar, 1947 BSCE, Minnetonka, Minnesota, Jan. 4, 2016
Stanley W. Sweet, 1947 BSCE, Sarasota, Florida, Jan. 5, 2016
Charles A. Barton, 1948 BSME, North East, Pennsylvania, Feb. 4, 2016
Ralph H. Grothouse, 1948 BSBA, Morgantown, Indiana, Jan. 18, 2016
Ignace Kosmac, 1948 BSRE, Dover, Delaware, Feb. 7, 2016
Frank J. Smith, 1948 BSME, Doylestown, Pennsylvania, Dec. 25, 2015
Neil G. Sowle, 1948 BSRE, Mount Pleasant, Michigan, May 8, 2016
Fred S. Ullmer, 1948 BSME, Portland, Oregon, June 24, 2015
Leigh M. Bachman, 1949 BSAE, Parsippany, New Jersey, Nov. 15, 2015
A. Luis Colberg, 1949 BSCE, Woodside, New York, Oct. 7, 2015
Kenneth D. Cunningham, 1949 BSME, Lake Placid, Florida, Nov. 11, 2015
Joseph B. Wilmer, 1949 BSAC, Colonial Heights, Virginia, Jan. 13, 2016

1950s

Alvin F. Ambler, 1950 BSEE, Huntington, Indiana, Apr. 12, 2016
Floyd A. Chaplin, 1950 BSME, Oxford, Alabama, Jan. 30, 2016
Kenneth R. Dye, 1950 BSME, Indianapolis, Indiana, Apr. 9, 2016
Richard J. Frantz, 1950 BSCE, Sidney, Ohio, Dec. 15, 2015
Philip C. Miller, 1950 BSBA, Chelsea, Michigan, Feb. 26, 2016
Henry T. Chickering Jr., 1951 BSRE, North Palm Beach, Florida, Feb. 7, 2016
Joseph C. Esposito, 1951 BSAC, New London, Connecticut, Jan. 20, 2016
Joseph A. Kwas, 1951 BSME, Warren, Pennsylvania, Mar. 2, 2016

Keith A. Long, 1951 BSChE, Lake Charles, Louisiana, May 15, 2016
Wayne H. Larson, 1951 BSBA, Pasadena, California, Nov. 2, 2015
Rev. Frederick W. Pyne, 1951 BSCE, Frederick, Maryland, Mar. 17, 2016
Edwin J. Rapp, 1951 BSBA, Fairfield, Ohio, Mar. 14, 2016
Merril Esher, 1952 BSRE, Florence, Arizona, Dec. 9, 2015
William H. Hiltz, 1952 BSCE, Gilbert, Arizona, May 24, 2014
Richard W. Legrand, 1952 BSEE, Gainesville, Florida, Feb. 21, 2016
John J. Pavlisin, 1952 BSAC, Orange, California, Nov. 11, 2015
James R. Weber, 1952 BSBA, Ormond Beach, Florida, Mar. 9, 2016
John R. Fitzgerald, 1953 BSME, Shelton, Connecticut, Nov. 23, 2015
Gerald L. Snyder, 1953 BSME, South Bend, Indiana, Nov. 29, 2015
Ferdinand J. Worsa, 1953 BSME, Schenectady, New York, May 18, 2016
Jack N. Springer, 1954 BSEE, Somerset, New Jersey, Jan. 4, 2016
Ronald E. Witthohn, 1954 BSCE, Denver, Colorado, Jan. 19, 2016
Donald L. Johnson, 1955 BSChE, Hampshire, Illinois, Dec. 29, 2015
Edward F. Johnson, 1955 BSME, Fort Myers, Florida, Feb. 24, 2016
Ray A. McShurley, 1955 BSBA, Muncie, Indiana, Mar. 12, 2016
Robert E. Wilgus, 1955 BSRE, Dallas, Texas, Jan. 28, 2016
Merl D. Hensley, 1956 BSChE, Bronson, Michigan, Mar. 20, 2016
Nicolas J. Klist Jr., 1956 BSME, Bainbridge Island, Washington, July 13, 2015
Hubert E. Kolm, 1956 BSME, Louisville, Ohio, Oct. 29, 2015
Herbert J. Smith Sr., 1956 BSEE, Hillsdale, Michigan, Feb. 28, 2016
Arthur A. Tennant, 1956 BSME, Bradenton, Florida, June 20, 2016
William H. Chamberlain, 1957 BSME, Williamsburg, Virginia, Oct. 31, 2015
Emery J. Goszlola Jr., 1957 BSME, Edwardsburg, Michigan, June 1, 2015
Marion Miller, 1957 BSME, Rochester, Michigan, Sept. 1, 2014
Robert L. Root, 1957 BSBA, Chambersburg, Pennsylvania, Jan. 27, 2016
Bert K. Sisson, 1957 BSME, Cadillac, Michigan, May 23, 2016
Lee H. Benson II, 1958 BSBA, Saint Joseph, Michigan, Nov. 18, 2015
George W. Dunham, 1958 BSEE, Endicott, New York, Mar. 27, 2016
Dale F. Gorman, 1958 BSME, Danville, Virginia, Oct. 2, 2015
Mitsuru Owara, 1958 BSEE, Wailuku, Hawaii, Mar. 8, 2016
Marvin F. Post, 1958 BSEE, Toms River, New Jersey, Mar. 12, 2016
Joseph A. Pristas, 1958 BSEE, Wellington, Florida, Jan. 23, 2016
Richard D. Aunger, 1959 BSME, Maggie Valley, North Carolina, Nov. 10, 2015

Donald R. Connelly, 1959 BSBA, Crofton, Maryland, Oct. 23, 2015
Jerry N. Jones, 1959 BSAERON, Sunnyvale, California, July 28, 2015
Robert Mrzlack, 1959 BSEE, Cedar Lake, Indiana, Jan. 17, 2016

1960s

Roger C. Myers, 1960 BSME, Auburn, Indiana, Dec. 10, 2015
Dale E. Rush, 1960 BSEE, Huntington Beach, California, June 6, 2015
Joseph L. Schwab, 1960 BSBA, Truth or Consequences, New Mexico, Nov. 24, 2015
Robert H. Cloutier, 1961 BSAD, Saint Therese, Quebec, Canada, Apr. 5, 2015
Neil R. Ferency, 1961 BSME, Crossville, Tennessee, Jan. 12, 2016
Edward S. Powell Jr., 1961 BSEE, Lorain, Ohio, Dec. 31, 2014
Kenneth E. Doshier, 1963 BSEE, Mesa, Arizona, Dec. 4, 2015
Carl J. Fritschi, 1963 BSCE, Cincinnati, Ohio, Mar. 9, 2016
Richard O. Stants, 1964 BSDDT, Kokomo, Indiana, Nov. 15, 2015
Luke P. Cappiello, 1965 BSEE, Waterford, Connecticut, Nov. 30, 2015
Robert N. Garlick, 1966 BSChE, Topinabee, Michigan, Dec. 13, 2015
Robert C. Leavens, 1966 BSBA, Clinton Township, Michigan, Apr. 6, 2016
David J. Ockuly, 1966 BSBA, Holgate, Ohio, Jan. 24, 2016
Hugh A. Jensen, 1967 BSDDT, Newnan, Georgia, Jan. 19, 2015
Richard P. Johnson, 1967 BSRE, Phoenix, Arizona, Jan. 1, 2016
Cleo G. Wells, 1967 BSEE, Masury, Ohio, Mar. 4, 2016
William L. Hamel, 1968 BSCE, Hilton Head Island, South Carolina, Oct. 21, 2015
Patrick M. Linet, 1968 BSME, Canton, Ohio, Dec. 7, 2015
Thomas Rowe, 1968 BSBA, Cary, North Carolina, Dec. 24, 2015
Monroe E. Schleining, 1968 CERTDDT, Socorro, New Mexico, Jan. 18, 2016
Robert J. Pauwels, 1969 BSME, Hobart, Indiana, Apr. 1, 2016
Robert F. Starr, 1969 BSBA, Orlando, Florida, Oct. 14, 2015

1970s

Robert G. McCauley, 1970 BSBA, Jacksonville Beach, Florida, Feb. 2, 2016
John C. Birkett, 1971 BSEE, Sidney, New York, Nov. 12, 2015
John D. Artz II, 1974 BAA5G, Greeley, Colorado, May 10, 2016
Dennis G. Heller, 1978 BSCE, Sitka, Alaska, Dec. 23, 2015

1980s

Anthony E. Brinkman, 1980 BSChE, Ottawa, Ohio, Feb. 24, 2016
Sandra L. Reichenbach, 1984 BSChE, Goffstown, New Hampshire, June 29, 2015

2010s

Terry E. Penman, 2016 BSCJ, Plainfield, Indiana, Apr. 24, 2016

Ronald Scheffer dedicated 38 years to Tri-State University

Ronald Edward Scheffer, 73, of Fort Wayne, died on Dec. 16, 2015. Scheffer was a history professor at Tri-State University, now Trine University, for 38 years. After years of dedication to the school, Scheffer retired in 2005.

Born in Cincinnati, Ohio, Scheffer earned his bachelor's degree from Xavier University, and later his master's degree in history from Ohio University.

Scheffer is survived by his wife Barbara, sons James and Thomas, daughter Caroline and four grandchildren.



Avon student helped women, children

Terry E. Penman, 62, of Plainfield, Indiana, passed away on April 24, 2016, at her residence. Penman earned her bachelor's degree in criminal justice from Trine University in Avon, Indiana, and had planned to take part in the 2016 commencement ceremonies.

Born March 16, 1954, in Logansport, Indiana, she was the daughter of the late Elmer and Frances (Stewart) Hall Sr. She graduated from Lafayette Jefferson High School in 1972 and earned an associate's degree in criminal justice from Ivy Tech.

Penman worked in the Starch Department at A.E. Staley for 18 years, retiring in 1994. She was a member of Guardians-Ad-Litem for Greater Lafayette for Abused Children. In addition, she volunteered at the Women's Prison in Indianapolis for the past three years, helping many women improve their lives.

Surviving with her husband, Kirt Thomas, are two sons, Mhamtaka L. Estrada of Indianapolis, and Rodney K. Penman of Plainfield, Indiana; a stepdaughter, Nikki Allen of Indianapolis; brother, Michael Hall of Houston, Texas; sister, Kay Joyner (husband: Victor) of Indianapolis; two grandchildren, Kiyanna and Marquese Estrada; and several nieces and nephews.

Professor emeritus shaped chemical engineering program

Professor Emeritus W. Henry Tucker passed away Jan. 2 at his home in Eugene, Oregon.

Tucker, who was 95, joined the faculty at Tri-State University (now Trine University) as the department chair of chemical engineering in 1969. During his time at Trine, Tucker was responsible for securing the department's academic accreditation. Upon his retirement he was given the distinguished title of Professor Emeritus of Chemical Engineering.

Tucker graduated in 1942 with a degree in chemical engineering from the University of Virginia and went on to receive a doctor of science degree from the Massachusetts Institute of Technology. From 1958-59, he traveled with his family to Tainan, Taiwan, to help establish a chemical engineering department at Cheng Kung University under a USAID grant.

Tucker is survived by his wife Beth, sons Charles and Robert, stepdaughters Sarah, Kathy and Lori, and numerous grandchildren and great-grandchildren.



-Denise Draper, Communication '17



class notes

keep connected with alumni and friends

Share what is happening in your life with your fellow alumni. Class notes, including births, marriages, promotions, additional education, relocations, etc., may be submitted to Racheal Benner at bennerr@trine.edu.

Join Trine's alumni Facebook group at www.facebook.com/groups/TrineUniversityAlumni/

1950s

Lloyd Hobbs, 1950 BSCE, received a clean bill of health from his doctor and is enjoying doing Tai Chi and taking Zumba classes in the Tulsa, Oklahoma, area.

Marvin Heston, 1953 BSBA, is retired and enjoying time with a special new friend.

Myron Westein, 1955 BSRE, enjoys using his home computer and developing small electronic projects for his home. He can be reached at his Ham radio call, wa8zck.

William B. Cross, 1957 BSAERON, and his wife Mary Ann, had their Newberry, South Carolina, home recognized with a historic marker. Oak Grove was built in the 1820s by Frederick Nance Sr., a successful businessman, planter, and public official; and was designed by Robert Mills, who also designed the Washington Monument.

Ronald P. Gilmour, 1957 BSEE, has returned to his hometown of Flint, Michigan, upon enjoying his winter as a snowbird in Phoenix, Arizona.

Jerry Chiddister, Ph.D., 1958 BSME, continues to enjoy golfing two to three times per week and playing bridge at the local club on Tuesdays and Thursdays with his wife Kathy as his partner.

Paul Stone, 1958 BSEE, is enjoying retirement. He resides in Indianapolis.

1960s

Clayton Abrams, 1961 BSEE, was in Hong Kong, China, when he submitted his class note. He is currently on a trip around the world. His next stop was scheduled to be Dubai via the Queen Mary cruise ship.

W. Karl Wetherbee, 1965 BSBA, is enjoying retirement in Warrington, Pennsylvania.

Arthur Taylor, 1966 BSEE, is enjoying his 12th year of retirement from his years at the Boeing Company and Kennedy Space Center.

1970s

Mark Steffen, 1971 BAD, CPM, retired from Alcoa after a 32-year career in purchasing/material control. He has been married for 42 years to Joan, whom he met during his last quarter at Tri-State in the summer of 1971. They now live in Washburn, Tennessee, on the 220-acre farm/ranch owned by their daughter's family.

Robert Tetric, 1971 BSME, retired from the Guide Division of General Motors, where he served in the Lighting Engineer and Test Lab.

Robert Souder, 1972 BSBA, retired from a career as a purchasing agent for Honeywell International.

George Gilbert, 1973 BSBA, has retired following a successful 40-year career with First Federal Savings Bank of Angola. He served as president and CEO for the past 36 years and as a member of First Federal's Board of Directors. He will remain chairman of the board, having served in that capacity since 2014.

Don Heaton, 1975 BSBA, celebrated his



12-year anniversary as the inventory manager for Hain-Celestial Group, based in Lake Success, New York. He plans to visit campus some time in 2016.

1980s

Julie Dunn, 1981 BASEC, recently was awarded the Purdue University employee "BRAVO Award for Moving the University Forward" for her work in the wake of the NCAA Autonomy Legislation.

Sharon Frisch Cressman, 1981 BSME, spent 11 years at Cummins Engine Co. in Columbus, Indiana, before relocating to Farmington Hills, Michigan, 11 years ago. She and her husband Karl have two sons; one recently graduated from high school and another will graduate from the University of Michigan with a BSME in 2016.

—continued

1990s

Wendy (Rumsey) Yagodinski, 1992 BSCS, and



her husband Greg welcomed their ninth child, Sophia, on Nov. 20, 2015.

Greg, 1994 BSAE, and Marvelle, 1994 BSEIEd, Ilko, will move their daughter Sydney to Trine



University in the fall for her freshman year of college. Sydney plans to follow in her mother's footsteps and study elementary education.

Jason Mayer, 1998 BSEE, and his wife Angela



welcomed their third child, Alyssa Louise Mayer, on Nov. 13, 2015. She joins big brother Braedyn, 7, and sister Brooklyn, 3, at home. Jason works as a project manager at Medtronic in Irvine, California.

Scott Gruner, 1998 BSAC, has been promoted to president and CEO of First Federal Savings Bank of Angola. He also was elected to its board of directors. Scott has been with the bank for 18 years, earned his MBA from Indiana University (Fort Wayne) in 2000, and has taught as an adjunct professor at Trine University since 2001. His wife, Angela (Kessler) Gruner, 2001 BSEIEd, has been teaching for 15 years, including the past 10 years in the MSD of Steuben County. She earned her MEd from Indiana Wesleyan University in 2005.

Cisco Ortiz, 1999 BSCJ, has joined the Trine



University faculty as a full-time instructor of criminal justice in the Department of Criminal Justice, Psychology and Social Sciences. He is the co-advisor of ACJA-TAO Chapter. He serves as city councilman for the city of Coldwater, Michigan's, First Ward. He and his wife Maggie have three children.

Jennifer (DuCharme) Rubestein, 1999 BSMK, co-owner of Edible Indy Magazine, received the distinguished endorsement of the Indiana Bicentennial Legacy Project for all five issues of Edible Indy in 2016 to celebrate the 200th birthday of the state. Each issue will showcase historical food stories about the state of Indiana.

2000s

Erik Johnson, 2003 BSME, accepted a new job at Yanfeng Automotive Interiors in Holland, Michigan, after spending four years at VenTower Industries in Monroe, Michigan. He and his wife Elizabeth welcomed their first child, Claire Addison Johnson, on Jan. 2, 2016; she weighed 6 pounds, 1 ounce, and was 19 3/4 inches long.

Aimee Nagy, 2004 BSME, was promoted to distribution marine director for Cummins North America. She relocated to Atlanta, Georgia, for the promotion.

Londa (Rummel) Sabatino, 2004 BSAC, was promoted to director of fiscal services for the West Virginia Joint Committee on Government and Finance in March 2016.

Shawn Bozarth, 2005 BSME, was married at the top of Mount Hood in Oregon on Christmas Day 2015.

Christy (Lidecker) Trojanowski, 2005 BSEIEd, and her husband Rich welcomed a son, Clark



Connor, on April 13, 2015. He joins big sister Harper at their home in Sugar Land, Texas.

Joel Draper, 2006 BSME, and his wife Rachel welcomed their third child, Imogen Elouise, on Dec. 30, 2015. She joins sister Mylin, 5, and brothers Sullivan, 3, and Olson, 2, at home.

Julie Parrish, 2006 BSCJ, has been promoted to disability access consultant at Arizona State University.

Kayla (Cheeseman) Warren, 2006 BSAC, has returned to her alma mater as the controller. Her husband, Noah, 2007 BSGMGT, is celebrating his 10th year as an employee at Zollner Golf Course; he is the director of golf operations.

Brian McDole, 2007 BSFIN, and his wife Britni welcomed their second child, a boy, on Sept. 13, 2016. Brian will complete his MBA from Notre Dame in May 2016.

—continued

2000s

Whitney Doyle Driver, 2008 BACOM, was promoted to director of graduate enrollment for the Graduate School at Trine University.

Nicole (Ward) Nabinger, 2008 BSCJ/BSFS, works for the Department of Child Services in Kosciusko County, Indiana. She and her husband Trent have two boys, Jaxon, 4, and Colton, 1. She is pursuing her MSCJ at Trine University.

2010s

Tim Raftery, 2010 BACOM, and his wife Sallie (Richardson), 2009 BSMAED, welcomed their second daughter, Gemma. She joins a sister, Wendy, 2, at home. Tim was also promoted to business sales manager for Verizon; his team covers northwest Ohio. They recently relocated to the Toledo area for his position.

Katelyn (Storms) Rizer, 2010 BSMGT, married Sean Rizer on Oct. 10, 2015.

Alison (Coe) Shaffer, 2010 BSFS, accepted a position in January 2016 with NSMSA in Northwood, Ohio, where she is the associate medical research manager. She and her husband Kevin welcomed their first child, Lincoln Alexander Shaffer, on April 10, 2016.

Matthew, 2010 BACOM, and Katie (Schelinski) Spangler, 2011 BSMK, relocated to Addison, Illinois, where Matt works as a technician for Chicago Communications. They welcomed their second daughter, Aubrey Jean Spangler, on April 18, 2016; she will join a big sister, 2, at home.

Wesley Stinson, 2010 BSME, earned a PE in ME/HVAC in December 2015. He is currently a product engineer for Water Furnace, designing large commercial chillers. In January 2016 he started a company where he works as a consultant designing separation equipment for the aggregate/mining industry.

Derrick, 2011 BSMGT, and Megan (Zieles), 2011 BSCE, Nixon, welcomed a son, Nolan



James Nixon, on Dec. 4, 2015. He weighed 8 pounds, 4 ounces, and was 21.75 inches long.

Kristin Conley, 2012 MSL, relocated to Avon, Indiana, and is the campus director of Trine University's Avon campus.

Rachelle Newberry, 2012 BSCH/BSFS, will begin working on her master's degree in pharmacology and toxicology at Michigan State University this summer. She will marry Jeremy Long, 2011 BSChE, on Oct. 8, 2016.

Allison Simmons, 2013 BSAC/BSFIN, obtained a Certified Management Accounting certificate in November 2015.

Jessica (Heydinger), 2013 BSCE, married Joshua Stiles on May 23, 2015. They will soon relocate to Houston, Texas, with her employer, Columbia Pipeline Group.

Steven Cady, 2014 BSMK, works as a safety management specialist for Selective Insurance. He purchased a home in Angola, Indiana, and will marry Kelsey Bartrom, 2014 BSAC, in September.

Ryan Gabet, 2014 BSINF, is pursuing a master's degree in computer and information technology at Purdue University. He is a member of the Purdue Collegiate Bowling Club team and was named a 2015-2016 Academic All-American. Following graduation in August 2016, he will relocate to Raleigh, North Carolina, where he will work as part of the Active Threat Analytics Team for Cisco.

Ryan Schreiner, 2014 BSEIEd, will complete his master's degree from Dordt College in 2016.

Musab Alubaie, 2015 BSAC, returned to Saudi Arabia, where he accepted a position as an accounting instructor at a college in a small town near Riyadh City, the capital of Saudi Arabia.

Colin Meadowcroft, 2015 BACOM, joined the University Marketing and Communications team at Trine University and creates videos as a creative digital multimedia specialist.

Padraig Murphy, 2015 BPSY, is pursuing a master's degree in science in leadership from Trine University. He is also working as a rehabilitation service provider for the Bowen Center.

Jennifer Witmer, 2015 BPSY, is working as a family case manager for the Indiana Department of Child Services. She was recently accepted into the Couple and Family track of the Counselor Education Program at IPFW.



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50th anniversary event
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The biggest reunion in chapter history!

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Soccer player's plans taking off

A four-year starter for Trine's women's soccer team has big plans to pursue a career in the aerospace industry.

Jaime McCarrell, a member of the class of 2016, has earned a research assistantship position at Baylor University in Waco, Texas. The school will fund McCarrell's education while she pursues a master of science in mechanical engineering (MSME).

McCarrell has several research work options she can choose to pursue, one of which involves working with de-icing systems on the wings of aircraft, which prevent the buildup of ice in high-altitude flight.

The research assistantship won't be McCarrell's first foray into the aerospace industry. Last summer, she served as an intern in the X-Ray Optics lab at NASA's Goddard Space Flight Center in Greenbelt, Maryland.

The primary function of McCarrell's summer work at the NASA facility was to work as part of the team assembling mirrors for the organization's next X-ray telescope. McCarrell's duties included helping assemble equipment, working with machines and even some programming.

McCarrell's postgraduate work follows four years of success in the classroom and on the soccer pitch at Trine University. She graduated magna cum laude and earned recognition on the MIAA Academic Honor Roll every year she was eligible for consideration. To receive conference honor roll recognition, a student-athlete must earn a varsity letter and achieve at least a 3.50 grade point average.

The chance to pursue a mechanical engineering degree while playing college soccer was what initially drew McCarrell, from Jackson, Michigan, to Trine University.

"When I first came to campus, I really liked the campus and attitude," McCarrell said. "I really liked [head] coach Terry [Stefankiewicz]. I really liked the small class sizes. All the professors know you and are willing to help."

McCarrell met the rigorous challenges of the mechanical engineering program and earned recognition on Trine University's president's list multiple times. To be included, a student must be registered for a minimum of 15 credit hours and earn a 3.75 or higher GPA.

McCarrell was able to carry her success in the classroom onto the soccer pitch. She wrapped up her playing career with All-MIAA Second Team honors in 2015.

Over her four years at Trine, McCarrell started every match in which she played. She played nearly every position on the field and served as a team captain for two years.

"In all my years of coaching, Jaime sticks out as one of the best," said Stefankiewicz. "She's as hard-working and intelligent as anyone I've ever been around. In her four years here, she played every position but goalie without a single complaint. She always put the team ahead of herself and is a top-class kid in every way."

Upon completing the MSME program at Baylor University, McCarrell plans to pursue a career in the aerospace industry. She hopes to one day work for NASA or Space-X, a private U.S. aerospace company that designs, manufactures and launches advanced rockets and spacecraft. ■

Holmquist sets gold standard

Trine University senior Jared Holmquist performed as well on the court and in the classroom as anyone in the nation during his senior season.

Holmquist, of Reed City, Michigan, was voted the 2015-16 CoSIDA Academic All-American® of the Year for men's basketball, an award given to the top scholar-athlete in NCAA Division III men's basketball. The honors came after after he was selected to the organization's Academic All-America® Team for the first time.

Holmquist became the first student-athlete in school history to be named the Academic All-American® of the year in his sport. Holmquist also was named a finalist for the prestigious 2016 Jostens Trophy, which is awarded to the most outstanding Division III men's and women's basketball player who excels on the court, in the classroom and in the community.

An outstanding scholar, Holmquist earned a 3.90 grade point average as an accounting major and graduated magna cum laude with the class of 2016. His academic honors also included four appearances on the Michigan Intercollegiate Athletic Association Honor Roll, recognition on the National Association of Basketball Coaches Honors Court and recognition on Trine University's president's list.

Holmquist was also a visible member of the Angola community during his time at Trine, spending time volunteering at the YMCA with the organization's Challenger Basketball program for people with disabilities. Holmquist and his teammates also spent regular hours volunteering at the Steuben County Humane Society prior to the start of their season.

On the court, Holmquist excelled as one of the top post players in the nation. He earned All-Region honors from D3hoops.com and the National Association of Basketball Coaches. Holmquist's postseason honors included his second All-MIAA First Team nod.

During the season, Holmquist earned recognition as the DIII News Player of the Month for November. He also earned three MIAA Player of the Week nods, was recognized on the D3hoops.com Team of the Week and was named to the All-Tournament Team at the Carnegie Mellon DoubleTree Invitational.

"During my 16 seasons as a college basketball player and coach I can confidently say that I have never been associated with a team member that has had a larger impact on the growth of a program than Jared Holmquist," said Brooks Miller, head coach of Trine's men's basketball team.

"It would also be impossible to quantify what an integral role Jared has had in our team chemistry through his leadership and work ethic," Miller said. "His positive approach to our weekly trips to the Humane Society, his 3.90 GPA in the classroom and his growth as a player through grueling offseason workouts have set a gold standard of how a student-athlete should conduct himself as a teammate and in life. Jared has galvanized our locker room and created an environment of unselfishness by holding himself accountable with his preparation and attitude."

Behind Holmquist's stellar play, the Thunder reached the MIAA Tournament Championship for the first time since joining the conference in 2004. Holmquist was at his best in the semifinal, leading the way with a 33-point effort as Trine defeated regular-season champion Hope to advance to the title game.

Holmquist concluded his playing career with 1,538 points, the ninth-most in team history. Along the way, he started more games than any player on record in program history. He ranks second on the team's all-time list in blocks and third in rebounds. ■



Kendra Marshall, left, and Cassidy Carraway celebrate another Trine softball win

The Trine softball team capped off another historic season with its second regional championship and an appearance in the NCAA Super Regional round.

The Thunder clinched the regional title in front of its home fans at SportONE/Parkview Softball Field with a 15-3 victory over the University of Chicago. Trine won all three of its games in the regional to claim the title. The team went on to make its second Super Regional appearance and hosted the round for the first time in program history. The Thunder were eliminated from the NCAA postseason in the Super Regional by St. Thomas.

Kendra Marshall became the latest Trine softball player to receive national recognition; she was named a National Fastpitch Coaches Association Second Team All-American. The third baseman set career highs in home runs, RBIs and slugging percentage while playing stellar defense. Marshall's honor gave the Trine softball team the distinction of having an All-American performer for the fourth consecutive year.

Marshall was one of three Thunder players to receive All-Region honors from the NFCA. Pitcher Justine Robles and catcher Rachell Noble also were recognized. Robles graduated as a two-time All-Region honoree, while Noble earned All-Region honors for the first time.

Six All-MIAA performers led Trine to a share of a fifth consecutive Michigan Intercollegiate Athletic Association regular-season championship. The Thunder finished the conference campaign at 14-2 to run its league mark to 76-4 over the past five seasons.

Marshall, Robles and first baseman Kaylee Fox earned All-MIAA First Team honors, while Noble, pitcher Bre Cooper and outfielder Kaitlyn Clark were named to the second team.

The regular season also saw Trine finish second in the NFCA Division III Leadoff Classic. The Thunder won five games, including wins over top-10 foes Virginia Wesleyan (later ranked No. 1 in the nation), East Texas Baptist and Texas Lutheran to advance to the championship game.

Trine finished the season 33-14 overall. The season marked the sixth straight year in which the Thunder won 30 or more games. The regional appearance was the team's ninth in a row. ■

All-Americans, conference title highlight track season

The 2015-16 season proved to be a banner year for the Trine track and field programs, with multiple All-America honors and a conference title among the team's accomplishments.

For the second consecutive year, Kara Eck (pictured below) won All-America honors at



the NCAA Division III Indoor Track and Field National Championships. The sophomore notched her first career All-America honor in shot put, placing fourth in the nation at the national meet.

Eck had previously won All-America honors in the weight throw as a freshman. Eck's season also included multiple player of the week honors at the conference and national level. She is one of two student-athletes in the history of the women's track and field program to earn All-America recognition multiple times.

Eck carried her success into the spring with a second national championship bid during the outdoor season. The sophomore earned All-America honors with a fifth-place finish in the hammer throw. She also notched a ninth-place finish in the shot put.

Sam Gilly represented the men's track and field team at the national meet, winning All-America honors in the weight throw and placing eighth in the event. Gilly, a senior, won Most Valuable Field Athlete honors in the inaugural MIAA Indoor Track and Field Championships, hosted by Trine University. Gilly also won multiple player of the week honors from the MIAA and earned All-Region honors during the outdoor season.

The men's track and field team clinched the inaugural MIAA Indoor Track and Field title in dramatic fashion in front of its home fans at Keith E. Busse/Steel Dynamics Athletic Recreation Center. The Thunder trailed first-place Calvin by 2.5 points entering the final event of the day, but a first-place finish in the 4-x-400-meter relay lifted Trine to the conference title. In addition to Gilly's Field MVP honors, relay competitors Zach Markley, Patrick Richardville, Jacob Leopold and Jasper Bassett, as well as mile run conference champion Nicholas Zak, earned All-MIAA honors for their performances in the meet.

Gilly, Richardville, Leopold and Jeffery Barnett earned All-Region honors for their performances during the indoor season. Gilly, Jasper Bassett and Nicholas Zak earned All-Region recognition during the outdoor season. The Thunder men placed third in the MIAA with their Field Day performance during the outdoor season. ■



THUNDER ROLL



Basketball teams reach new heights

The Trine women's and men's basketball teams provided an exciting winter for the Thunder athletics family.

Each team reached the Michigan Intercollegiate Athletic Association Tournament Championship game for the first time since the school joined NCAA Division III in 2004. Each team earned its most wins as a member of Division III. The Thunder women concluded the season at 19-9 overall, while the men posted an overall mark of 18-9.

The men's team tied the program's best start in program history, winning 10 of its first 11 games to achieve the team's first national ranking as a member of NCAA Division III. The team was ranked as high as No. 23 in the nation during the regular season. The Thunder entered the MIAA Tournament as the No. 4 seed and promptly upset top-seeded and sixth-ranked Hope to reach the championship game. Trine fell just short of an NCAA Tournament bid, falling to Alma in the title game.

Senior Jared Holmquist earned numerous accolades for the Thunder, including 2015-16 CoSIDA Academic All-American of the Year, two All-Region nods and All-MIAA First Team honors. He also earned DIII News Player of the Month honors for November and earned several weekly honors. He was joined on the All-MIAA First Team by junior Will Dixon (pictured left), who earned his second-consecutive all-conference nod.

The women's team overcame a slow start in conference play to catch fire down the final stretch of the season. Trine won its last seven regular-season games, including six in a row in conference play, to earn the No. 3 seed in

the MIAA Tournament. The Thunder upset nationally-ranked Calvin for the second time in three weeks in the MIAA semifinals to reach the conference title game for the first time in program history. The team's eight-game winning streak was snapped by Hope in the championship game.



Sophomores Brandi Dawson (left, above) and Hayley Martin (right, above) each earned All-MIAA Second Team honors to highlight individual honors for the Thunder women. Dawson provided an athletic scoring threat from the perimeter and averaged 12.3 points per game. Martin led the MIAA in scoring during the regular season, averaging 15.6 points per game and offering a versatile scoring option in the post. ■



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