

THE MAGAZINE OF TRINE UNIVERSITY

TRINE

WINTER 2020

An aerial photograph of the Trine University campus in Elkhart, Indiana. The image shows a large, multi-story red brick building with a green roof, surrounded by parking lots filled with cars. To the left, there are several tennis courts and a golf course. The campus is surrounded by trees with autumn foliage in shades of green, yellow, and orange. In the background, there are more residential buildings and fields.

ENGINEERING THE FUTURE



Students in Trine University's associate of applied science in surgical technology program receive instruction as they set up for a procedure in one of the university's new surgical technology labs. The suites are part of an expansion to the Health Sciences Education Center in Fort Wayne that opened this fall.

FROM THE PRESIDENT'S DESK

Many contribute to the ongoing success and growth of Trine University: the students who pass through our halls, dedicated faculty who pour themselves into the lives of these students, committed administration and staff, the alumni who represent us so well in their lives and careers, and many other friends. But none are more important than those who have generously supported this institution and its mission over the past 135 years.

In this issue of Trine Magazine, we celebrate the Invest in Excellence capital campaign, which has transformed this campus by funding projects such as Reiners and Stadium residence halls, T. Furth Center for Performing Arts, Thunder Ice Arena and MTI Center, as well as providing scholarships for students and strengthening the university endowment. A special centerpiece highlights this vital effort.



Several of the many individuals and organizations who have provided key support recently and over the years are also highlighted in this magazine. You'll read on Page 15 how Board of Trustees Chair Dr. Rick L. James and his wife Dr. Vicki L. James were recently honored by the Indiana Chapter of the Association of Fundraising Professionals with a Lifetime Achievement award, and elsewhere how the James Foundation and other philanthropic entities have committed funding to the much needed-expansion for our engineering and computing facilities. You'll also read how Dr. Tomas Furth has helped revitalize the Franks School of Education.

The beginnings of Trine's football program were financed by then Board Chair Dr. William A. Gettig and his wife Loene, and you'll read that story, as well as how the program has influenced multiple alumni to pursue football coaching careers. And you'll read about how alumnus and adjunct faculty member Mike Martin and his wife Cindy have supported a program that will allow students in the Ketner School of Business to build vital connections with professionals in their field.

You'll also read about many other exciting happenings around campus, from students and faculty who have been able to teach and play sports around the world to continued expansion in our health sciences programming. None of this would be possible without the many gifts received from alumni and friends.

Big gift or small, every dollar given is one less that a student has to pay in tuition. As we highlight and look forward to the successful conclusion of the Invest in Excellence campaign, if you would like to be part of this extraordinary effort in positively impacting the lives of students, visit trine.edu/give.

Sincerely,

Earl D. Brooks II

Earl D. Brooks II, Ph.D.
Trine University President



7 Engineering expansion receives grants



21 Invest in Excellence Impact Report



34 Alum recalls experiences in USSR

11 Campus News
37 Class Notes
40 In Memoriam
42 Eye on the Storm

ON THE COVER:

A drone flown by Colin Meadowcroft BACOM 2015 captured this aerial view of the Trine University campus in the fall of 2019.



TRINE

THE MAGAZINE OF TRINE UNIVERSITY

Publisher

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

Editor-In-Chief and Chief Copy Writer

James Tew MSL 2019

Art Director

Steven R. Faramelli

Project Coordinator

Amanda Higbee BACOM 2017

Photographers

Dean Orewiler
Colin Meadowcroft BACOM 2015
Chris Schanz/The Commercial Review
James Tew MSL 2019
Trine University archives
Shari Ullring

Sports Information Directors

Nicholas Duffy
Jeffrey Hoedt

Contributors

Jarod Davis, Class of 2020
George Englesson BSCE 1957

Send class notes and address changes to:

Office of Alumni & Development
260.665.4114
alumni@trine.edu

Social Media Communities

trine.edu/socialmedia

University Administration

President

Earl D. Brooks II, Ph.D. | brookse@trine.edu

Vice President for Health Services

Whitney Bandemer, J.D. | bandemerw@trine.edu

Vice President for Enrollment Management

Scott J. Goplin | goplins@trine.edu

Vice President for Finance

Jody A. Greer | greerj@trine.edu

Vice President for University Marketing and Communications

Dave Jarzyna | jarzynad@trine.edu

Vice President for Alumni and Development

Lisa Maxwell-Frieden, J.D. | friedenl@trine.edu

Vice President for Administration / Chief of Staff

Gretchen M. Miller | millerg@trine.edu

Dean of Students

Cisco Ortiz BSCJ 1999 | ortizf@trine.edu

Vice President for Academic Affairs

John Shannon, Ph.D. | shannonj@trine.edu

Board of Trustees

Rick L. James – Chairman • Jack A. Shaw - Vice Chairman
Lynn A. Brooks – Secretary • Jerry L. Allen • James D. Bock
Keith E. Busse • William D. Dubois • Michael J. Eikenberry
James P. Fabiani • Lawrence A. Franks • Tomas Furth
William A. Gettig • Timothy J. Haffner • Rick Henvey
Dennis Kruse • Stephen R. LaHood • Richard L. Oeder
Derek S. Reiners • Larry E. Reiners • Mitchel E. Rhoads
Elizabeth F. Rooney • Jason Stechschulte
Marlin A. Stutzman • Jeff Turner • Keith M. Turner
Theresa E. Wagler • R. Wyatt Weaver

Please visit trine.edu/magazine for more information on how to download an online version of Trine Magazine.

PROGRAM FUNDED BY ALUMNI COUPLE BRINGS TRINE STUDENTS, BUSINESS LEADERS TOGETHER

Anthony Boyer has been in Dominic Pecoraro's shoes. Now, thanks to a generous gift from two Trine alumni, the 2012 Trine University marketing graduate will guide the marketing major as he prepares to transition from college to a career.

Boyer and Pecoraro are part of the Martin Executive in Residence Program launched in Trine's Ketner School of Business (KSB) this fall. The program, named in honor of alumni Michael, 1977 BSACC, and Cynthia, 2015 MSL, Martin, brings KSB students noted by faculty as being high-achieving and driven together with experienced professional mentors in their area of study or industry.



Michael Martin, 1977 BSACC, seated, and his wife Cynthia, 2015 MSL, are helping fund the new Martin Executive in Residence Program, which joins students like Dominic Pecoraro, back right, with professional mentors like Anthony Boyer, 2012 BSBA, back left.



From left, Michael and Cynthia Martin are recognized by Trine University President Earl D. Brooks II, Ph.D., during the Touchstone and Homecoming Celebration Dinner.

Students are challenged to do extensive self-evaluation while learning to continually build on their strengths. The goal is to help them form a professional skill set — including power skills sought after by employers — build extensive professional networks, and establish attainable but ambitious career goals.

Executives agree to stay closely connected to their assigned students and make three to four personal visits to campus and the classroom during an academic semester.

Faculty in KSB developed curriculum to guide the program, which received a big boost thanks to a gift from the Martins.

"I have been searching for a solution that matches a business leader's desire to give back and start a legacy with what I observed from students' confusion and sometimes frustration with their next steps after graduation," Michael said.

Boyer said he enjoys giving back to Trine and loves sharing his experiences with students.

"Dominic is very driven to learn more about the industry and build his network with professionals," he said. "My goal is to help him gain as many professional connections as possible while also learning as much as he can about the advertising industry."

Greg Brooks, assistant professor in the Ketner School of Business, said students are the focus of the program, which seeks to inspire them to not only achieve academic excellence but also excellence after college.

"Students are the reason why we are here," he said. "What we are trying to unlock is a professional network, power skills and behind-the-scenes guided tours of industry and the careers they desire, usually in the geographic location they seek to live. Through this evolution we hope they develop a calling, something beyond a career — something to look forward to for the rest of their life." ■



ENGINEERING EXPANSION RECEIVES MORE THAN \$2 MILLION IN GRANTS

Trine University has received several major pledges toward the planned expansion of its engineering facilities.

The James Foundation, Inc. of Auburn, Indiana, has pledged \$1.5 million toward the expansion, which will provide added space and resources for programs in the university's Allen School of Engineering and Computing.

Dr. Rick L. James, a 1977 Trine University graduate and chair of its Board of Trustees, and his wife, Dr. Vicki L. James, established the James Foundation, Inc. to enhance the quality of life in northeast Indiana and around the country through enhancing existing social platforms and providing new educational and cultural opportunities.

The English-Bonter-Mitchell (EBM) Foundation has pledged \$500,000 to support the expansion. Mike Eikenberry, member of the foundation's distribution committee, said the Trine project fits well with the EBM Foundation's history of supporting projects that enhance the lives of youth and the northeast Indiana community.

Based in Fort Wayne, the English-Bonter-Mitchell Foundation was established by Dr. Calvin English, the first medical director of the Lincoln National Life Insurance



Company. The EBM Foundation continues his legacy of community enrichment for the city he loved.

The university has received a \$250,000 grant from the 80/20 Foundation Trust for a new maker space and active learning laboratory to be located in the upcoming expansion to the university's engineering facilities.

In recognition of the grant, the area will be named the 80/20 Foundation Maker Space and Active Learning Lab. The facility will promote innovation by allowing Trine students to have the opportunity for hands-on experimentation, in order to make

changes to existing concepts or develop their own ideas, methods or products.

Based in Columbia City, Indiana, the 80/20 Foundation Trust exists to create opportunities for students to pursue careers in industrial trades, advanced manufacturing, engineering and business with focus on sales and entrepreneurship.

The \$10 million expansion, announced last year, will provide added space and resources for Trine's growing engineering and computer science and information technology programs. ■

STUDENT SOARS TO NEW HEIGHTS IN NASA INTERNSHIP

Will Steffel knew nothing about rotorcraft before the summer began, but the Trine University senior learned about them in a big way.

The mechanical engineering major from Sherwood, Ohio, completed an internship this past summer at the NASA Ames Research Center in Mountain View, California, working in rotorcraft aeromechanics.

He had applied to multiple internships through NASA’s internship application website, but the opportunity to work with

rotorcraft appealed to his interests in aerodynamics and aeromechanics.

The experience lasted 10 weeks. He spent most of his time modelling or simulating model behavior, learning about Solidworks, 3D printing and other manufacturing process and practices, as well as getting experience with materials and machinery.

He was part of a group of about 25 interns, each assigned their own project. Though hired by NASA, he primarily worked for the Army Aviation Directorate, so he often walked from his desk in NASA’s



Will Steffel stands inside the 80- by 120-foot wind tunnel at the NASA Ames Research Center in Mountain View, California.

Aeromechanics building to his mentor’s office in the Army building. He also spent time working in the Army’s shop and lab.

He said his most memorable experience was touring the 80- by 120-foot wind tunnel at NASA Ames.

“Not only was I inside the largest wind tunnel ever built, but the man leading the tour also seemed to know everything about it,” he said. “He has been with NASA Ames for many years and had an anecdotal story for nearly every part of the tunnel.”

He also toured the 129th Rescue Wing of the California Air National Guard, where he was allowed inside the newest version of the Lockheed C-130 military transport aircraft and the Pave Hawk, the rescue-oriented version of the UH-60 Black Hawk helicopter.

He said the most valuable aspects of his internship were the opportunity to make connections at NASA and the Army, and the interactions he had with the professionals there.

“I had the privilege of working with engineers who are very good at what they do, and I’ve picked up some good habits as well as good advice,” he said. “The machinists I worked with took the time to teach me a little and the better an engineer knows the processes, the better he or she can design parts and work with machinists and manufacturers.” ■



Will Steffel stands inside a C-130J aircraft during a tour of the 129th Rescue Wing of the California Air National Guard.

TO RUSSIA, WITH LOVE

Trine hockey players take their game to Siberia

For four members of Trine University’s ACHA D2 men’s hockey team, playing in front of nearly 5,000 rowdy fans was an experience they will never forget.

Doing so in Siberia made it even more memorable.

Defensemen Nick Ludeman and Jake Hatten and forwards Joe Laskero and Christian Wirth-Karbler were part of the ACHA M2 Select Team that competed in the third annual Student Hockey Challenge, held Oct. 1-6 in Barnaul, Russia.

The team left for Moscow on Sept. 29.

“When we first landed, I was like, wow, I’m in Russia,” Ludeman said.



Members of the ACHA M2 Select Team pose near the iconic St. Basil’s Cathedral in Moscow’s Red Square. From left are Thomas Rama of Florida Gulf Coast University, Jake Hatten, Joe Laskero and Nick Ludeman of Trine University, Kyle Truax of Aquinas College, and Christian Wirth-Karbler of Trine University.

The players said Moscow had much less litter but more air pollution than large cities in the United States. Ludeman, who lives in suburban Washington, D.C., noted that Russian cities do not have suburbs.

“Everyone lives in the city,” he said.



From left, Trine University ACHA D2 players Nick Ludeman, Jake Hatten, Joe Laskero and Christian Wirth-Karbler at the rink in Barnaul, Russia, where the Student Hockey Challenge was held.

“Apartment building after apartment building.”

The team visited the Red Square and the Kremlin. Most people they encountered did not smile or make eye contact, but were very respectful.

“Right away everyone was looking at us like they knew we were different, and American, but they treated us really great,” said Hatten.

After a practice and stay in Moscow, the team headed to Barnaul in Siberia for the tournament. The arena in Barnaul seated about 4,700 fans with standing room for more, and was packed every night. The players said the environment was like nothing they had ever experienced.

“It wasn’t even for us, but the energy it brought, it was awesome,” Ludeman said.

The team struggled early on to make adjustments to their game. Hockey in Russia uses a larger rink than in the U.S., and the players said the play is much less physical.

“It’s more of a finesse style of play where everything is pretty, as opposed to in the U.S. there’s a lot of grinding to get a goal,” Ludeman said.

Though fiercely loyal to their home team, the people of Barnaul treated the visiting Americans like celebrities.

“It was like we were NHL players,” Ludeman said. “Every time we went out, people were taking pictures with us and asking for autographs.”

The team finished 2-3 for the tournament. Most of the games were one-goal decisions.

The team members returned to the U.S. on Oct. 7. In addition to the fans, the sights and the competition, players said they will remember the friendships they made with teammates.

“I came home with 20-plus new friends I’ll share a once-in-a-lifetime experience with,” said Wirth-Karbler.

They also will carry memories of the Russian people. Laskero recalled one Russian university student who replied, “I just want to be free,” when asked what he wants to do after college.

“It’s weird hearing someone actually say that,” he said. ■

FROM NORTHEAST INDIANA TO NORTHEAST INDIA

Kays teaches in Nagaland

Though the jungle and mountains in the state of Nagaland are halfway around the world from Trine University, Mark Kays' love for music took him there this past summer.

Kays, director of music at Trine, spent a month at the Nagaland College of Music and Fine Arts in far northeast India. While there, he taught classes and performed at local churches and coffee houses.

The avid motorcyclist even had the opportunity to ride through the Himalayan Mountains.

Vesato Theluo, director of the college, met Kays during a previous trip to northeast Indiana and invited him to visit this past spring. Kays arrived in the capital of Kohima on July 9.

"When I first got there, it was before their term started, so I taught two days of instrumental methods and instrumental conducting to the students who were already on campus and to community members," Kays said.

Since there are some 30 different languages and dialects in the region, English is spoken as the official language.

"Sometimes it was not easy to understand them, but they all said they could understand me well," Kays said.

For three weeks, Kays taught subjects to the college's 35 students such as instrumental music, beginning and advanced conducting, music history and classroom management.

"The students there were attentive and seemed to be very interested in what I was talking about," Kays said. "They are very shy, so it's hard to get them to speak out in class or respond to questions."

Unlike most of India, 95 percent of the Naga people are Christians — mostly Baptist, Kays said. He attended church

each Sunday and performed on the saxophone at several. He also performed in a local coffee house with a jazz combo Theluo assembled and was called upon to play bagpipes at the funeral of a local minister and missionary who passed away.

"There were two thousand people at this funeral, and they asked me to play Amazing Grace when they brought his casket out of the church," Kays recalled. "That was quite an honor."

Kays also got a unique opportunity when Theluo's brother-in-law loaned him his motorcycle for a trip through the Himalayan Mountains. However, even though the views were "awesome," it wasn't an easy ride.

"The roads are terrible," Kays said. "They clear the landslides quickly, but that leaves big ruts and holes in the road. So I would come up to gouges in the pavement filled with water. Once I had to

ride through a big puddle and the exhaust pipe went under water."

Kays hopes to return to Nagaland in the summer of 2021.

"It was a great experience. The people over there are just wonderful," he said. ■



Mark Kays plays the saxophone at a church in Kohima.



The students and staff of the Nagaland College of Music and Fine Arts.

Trine expands health sciences commitment with Bandemer appointment



Further demonstrating and enhancing its growing strength in health sciences education, Trine University welcomed Whitney Bandemer, J.D., as its first vice president for health sciences.

The new Cabinet-level position has total oversight for the university's Health Sciences Education Center, located on the Parkview Randallia campus in Fort Wayne.

Bandemer brings extensive experience

in building and managing healthcare degree programs to her new post at Trine. She most recently served as vice president for human resources and strategic initiatives at Manchester University, where she played a key role in the development, launch and accreditation of that institution's College of Pharmacy and in the construction of its Fort Wayne campus.

She also served in a similar capacity at the Appalachian College of Pharmacy in Oakwood, Virginia, prior to joining Manchester.

At Trine, Bandemer will be responsible for advancing Trine University's program expansion and overall operations in health sciences in accordance with the university's strategic priorities. Her responsibilities will include oversight of the Health Sciences Education Center, including articulating clear priorities and goals for the center's operation and development in alignment with the university's strategic plan, policies and procedures.

She also will establish and oversee all operational and auxiliary services for the center — including human resources, information technology, marketing and enrollment, and public relations — to ensure students are provided with strong programs and services for an exceptional education and campus experience. ■

Trine names Miller vice president for administration/chief of staff



Trine University has promoted Gretchen M. Miller to the new position of vice president for administration/chief of staff.

Miller, who has been with the university since 2011, most recently served as assistant to the president and chief of staff.

In addition to providing leadership and coordination for the activities of the Office of the President and serving as a member of the president's administration team, Miller will represent President Earl D. Brooks II, Ph.D., in administrative matters as delegated, including overall

management of the President's Office, food service, the university golf course, bookstore, Trine innovation 1, Career Services and event services.

She also will have oversight of personnel and efforts related to special events, camps and conferences on campus; assist the president in oversight of the Human Resources Department; participate in strategic planning; continue to serve as a liaison among the president, Board of Trustees, Cabinet, academic units and other similar groups; and assist in strategy of corporation and foundation funding.

A Lansing, Michigan, native, Miller joined Trine as director of alumni relations and events before becoming chief of staff and assistant to the president in 2012. ■

Frye to lead Trine RN-to-BSN program



Trine University has hired Nadeena Frye, Ph.D., as director of its new RN-to-BSN program, which will launch in fall 2020.

Trine's new program will be offered entirely online, allowing registered nurses to complete a Bachelor of Science in nursing degree at their own schedule and pace.

Frye most recently served as dean of nursing for Ivy Tech Community College Northeast in Fort Wayne, where she oversaw a 40 percent increase in nursing program

enrollment. She also worked as a nursing instructor and department chair at Ivy Tech. ■

Overton named dean of Allen School of Engineering and Computing



Trine University has named Ryan Overton, Ph.D., PE, dean of the Allen School of Engineering and Computing.

Overton had served as an associate professor and chair of the Reiners Department of Civil and Environmental Engineering at Trine since 2017.

Overton joined Trine as an assistant professor in 2012. He has earned several honors during his tenure at the university, including an Excellence in Civil Engineering Education grant,

the Charles and Sue Ragan Gelet Excellence in Teaching Award in Engineering, and the Christian Campus House Outstanding Faculty Award. He has held Trine's Laurence L. Dresser Chair of Engineering since 2017.

He is an associate member of the American Society of Civil Engineers, a professional member of the Institute of Transportation Engineers, a member of the American Society for Engineering Education and a member and Indiana Epsilon Chief Academic Advisor for the Tau Beta Pi Engineering Honor Society.

He holds a Bachelor of Science in civil engineering and a Master of Science and Ph.D. in civil engineering with a focus in transportation engineering from the University of Tennessee-Knoxville.

Overton replaces A. Allen Hersel, Ph.D., who decided to return to a full-time faculty role in Trine's John J. McKetta Department of Chemical Engineering. ■

Trine's Class of 2019 continues near-perfect employment

By the Numbers

Trine University Class of 2019

Employed or in graduate school **99.4%**
Employed in major field **97.1%**

Trine University Classes of 2013-2019

Employed or in graduate school **99.0%**
Employed in major field **96.0%**

National Class of 2018

Employed or in graduate school **85.7%***
Public **81.5%***
Private **91.9%***

*Includes part-time employment, which is not included in the Trine University figures. National Class of 2018 figures from the National Association of Colleges and Employers.

Two join Trine board

The Trine University Board of Trustees has welcomed two new members.



Jeff Turner recently retired as senior vice president of administration and corporate secretary at Metal Technologies, Inc., in Auburn. A leader in efforts to improve the economy and quality of life throughout the region, he serves as chair for the Northeast Indiana Regional Partnership and board member and past chair for the Northeast Indiana Regional Development Authority.

He serves in leadership and membership positions on other boards for organizations that

serve the region, particularly DeKalb County, including the MTI Foundation, James Foundation, DeKalb Health Foundation and the Community Foundation of DeKalb County. He was named citizen of the year by the DeKalb Chamber Partnership in 2005.

He also has served as master of ceremonies for Trine's annual Scholarship Gala for the past several years.



Jason Stechschulte earned a civil engineering degree from Trine with honors in 2003 and is certified as a professional engineer in Ohio. Since graduating, Stechschulte has worked in a variety of positions at Marathon Petroleum Corporation in Findlay, Ohio, where he interned while a student at Trine.

He currently serves the company as business development manager, a position he has held since 2013. In that role, he identifies, develops and

implements commercial strategies and projects, and manages a capital project portfolio of \$400 million each year.

Stechschulte was a standout football player at Trine, earning All-American and Academic All-American honors as well as the university's Robert L. Greim Outstanding Male Athlete award. He was inducted into Trine's Athletic Hall of Fame in 2011.

He received Trine's Distinguished Service Young Alumnus Award in 2005 and 2009. He has supported the university through multiple means, including providing funding for the Jason A. Stechschulte All-American Room at Trine University, dedicated in 2016. ■

Furth gift brings many upgrades to FSOE



Dr. Tomas Furth



Alison Todd



Megan Tolin



Ashley Overton, Ph.D.

A generous gift from a Trine University alumnus has provided state-of-the-art facilities and innovative training for faculty within the university's Franks School of Education.

Dr. Tomas Furth, a 1954 mechanical engineering graduate who has supported many projects at the university including the T. Furth Center for Performing Arts, made a \$250,000 donation to support the teacher education programs at Trine. The gift has been used to transform two classrooms inside Shambaugh Hall, with plans to renovate a third.

It also provided funding for Alison Todd, assistant professor, to attend Responsive Classroom training and funding to purchase Project Lead the Way (PLTW) training materials for assistant professors Megan Tolin and Ashley Overton, Ph.D.

Last year, the Shambaugh 210 classroom was renovated to include six digital screens, screen-casting software, enhanced wireless capabilities, new lighting, a large interactive screen, new seating options, new carpet and a new wall color scheme.

This fall, Shambaugh 205 was redesigned from the ground up to meet the needs of secondary education majors. The centerpiece of the room is a customized table that works well with whole class and small group discussions. Students also can utilize smaller tables for breakout groups and wrap-around counter space that includes charging stations for devices.

Todd received advanced training in Responsive Classroom, a research-based system for classroom management that addresses social and emotional instruction as well as academic skills. Overton and Tolin will receive training materials for PLTW Launch, a national STEM program. The Franks School of Education will be part of the nation's first cohort to earn faculty training in PLTW Launch. ■

Trine sees enrollment, academic gains



Trine University once again welcomed increasing numbers of students to its main campus, while also recording significant gains in the academic profile of its incoming freshmen.

The university had 2,117 students enrolled on its main campus for fall 2019, according to final enrollment headcount numbers, a 2.6% increase from a year ago. This includes 1,479 residential students, a 2.3% jump from 2018.

Trine saw a surge in graduate student enrollment, which rose more than 31% to 630 for fall 2019. International undergraduate and graduate student enrollment also increased 45% to 409 students for this fall.

Trine's incoming freshman class showed marked gains academically over their peers from 2018, with the average GPA for incoming freshmen increasing from 3.47 to 3.58. The class also showed improvement in percentage with GPA of 4.0 or above, students in the top 10% of their high school class, and average SAT scores, among others.

The university saw similar gains among its incoming engineering majors. Of Trine's freshman engineering majors, 36% were in the top 10% of their high school class, and 90% were in the top 50%. ■

Keep up with Trine through podcasts

Check out these and other podcasts at trineradio.com:



TrineLine

Trine University President Dr. Earl D. Brooks II discusses some of the latest happenings at Trine University and issues in higher education.



Trine Talk

Trine University communications professor Andy Brown is the new play-by-play voice of Trine Athletics. On "Trine Talk," he chats up interesting people in and around Trine University.



Storm Center

Trine University communication students John Kay, a sophomore from Petoskey, Michigan, and Langston Johnson, a senior from Elkhart, Indiana, dish out the latest on Thunder sports.



Humanities Symposia

The Humanities Symposia is an outlet for scholars and artists to present their research outside of academic conferences.



Faculty Focus

Trine University faculty members are interviewed about current research and/or topics of interest to the community at large.

University honored in college rankings



Trine University was once again highlighted in multiple college rankings this fall. Trine was recognized for value as well as the outcomes for its students.

- Midwestern Regional Universities, U.S. News & World Report
- Best Value Schools, U.S. News & World Report
- National engineering schools (non-doctorate programs), U.S. News & World Report
- Graduation rate, U.S. News & World Report
- Percentage of classes under 20, U.S. News & World Report
- Freshman retention rate, U.S. News & World Report
- Money's sixth annual Best Colleges for Your Money
- Wall Street Journal/Times Higher Education College Rankings 2020
- Best Online Accounting Degree Programs, Study.com
- Best Online Criminal Justice Degree Programs, Study.com ■

Parkview collaboration boosts Trine Health Informatics program



A partnership between Trine University and Parkview Health on the university's new Health Informatics program seeks to help meet the critical need for skilled healthcare information technology professionals.

Trine announced Health Informatics, a track within the university's revitalized Computer Science and Information Technology (CSIT) degree, last year. The program launched this fall as part of Trine University's new School of Computing.

"Parkview and their team have been instrumental in advising us as we formed the new curriculum and began to shape the CSIT program into the excellent program we now have in place," said Tom Trusty, associate dean of Trine's Allen School of Engineering and Computing. "They have been key supporters in offering to create internships and co-ops for our students as we move forward. They have been part of the larger program advisory board and have inspired others to get involved too."

Trusty said Parkview's support has helped Trine welcome its largest incoming freshman class of CSIT majors this fall. ■

Boman earns foreign language teaching awards



Trine University Spanish lecturer Ana Boman was selected by the Indiana Chapter of the American Association of Teachers of Spanish and Portuguese (AATSP) as its 2019 Indiana Outstanding Spanish Teacher of the Year in the university category.

She also was named the 2019 Indiana Foreign Language Teacher of the Year award by the Indiana Foreign Language Teachers Association (IFTLA) in its collegiate division. The IFTLA award recognizes the top teacher from the state representing all foreign languages.

The two organizations hold meetings concurrently. The award ceremony took place Nov. 2 at the Sheraton Hotel Indianapolis. ■

Rick and Vicki James honored for philanthropy

Drs. Rick L. and Vicki L. James were honored with a Lifetime Achievement award during the 37th annual Indiana Philanthropy Awards celebration on Nov. 14 at the Indiana Roof Ballroom.

They were nominated for the honor by Trine University.

Rick James, a 1977 business administration graduate, serves as chairman of Metal Technologies Inc. (MTI), a company he co-founded. He also serves as chairman of Trine's Board of Trustees, of which he has been a member since 2010.

Trine's University Center was named in honor of Rick and Vicki James in May 2012. They provide annual support to the Trine Fund and have generously supported many building projects on campus as well as the creation of the Books and Beyond Scholarship.

The couple, either personally, through MTI or their James Foundation, support many charitable projects throughout northeast Indiana and revitalization projects in the city of Auburn, Indiana. They also support the Flight 93 Memorial in Pennsylvania, the Fellowship of Christian Athletes and United Theological Seminary.

Since 1983, Indiana Philanthropy Awards have honored individuals and organizations who have enhanced philanthropy, the community, and the world through their dedicated efforts, time, leadership, passion, and generosity in Indiana. ■



Read more campus news at trine.edu/news.



TOP AWARDS GIVEN AT TOUCHSTONE

Trine University presented its most prestigious awards before a crowd of about 400 at the Touchstone and Homecoming Celebration Dinner on Oct. 4.

Pillar of Success

Dr. Jack Shaw was awarded the 2019 Pillar of Success. Shaw's career included everything



from managing small companies to leading one of the highest-valued technology companies on Wall Street, Hughes Electronics Corporation, and participating in six startup companies either as an investor or principal.

Shaw is currently vice chairman of the Trine University Board of Trustees, where he has served since 2010. He also leads the board's Executive Committee and serves on the Development/Campaign Committee. He and his wife Sue have financially supported many projects at Trine.

Woman of Distinction

Kathy Williams Oeder was honored with the Woman of Distinction Award. A life-long



resident of Warren County, Ohio, Oeder has been part of Mary Kay Cosmetics for 36 years, earning the title of senior director and receiving 16 cars, including eight of the prestigious pink Cadillacs.

In 2009, she married member of the Trine University Board of Trustees and 1965 Tri-State University alumnus Richard Oeder. Richard and Kathy Oeder have remained loyal supporters to Richard's alma mater, providing support to multiple projects and programs.

Distinguished Service Award

Dr. James Ross Rinker, a 1958 business administration alumnus, received the



Distinguished Service Award. After graduating from Tri-State College, Rinker took a commission with the U.S. Army, finishing his career at Walter Reed Army Hospital in Bethesda, Maryland.

He moved to Binghamton, New York, in the mid-1990s, where he had a practice in psychology. Rinker has committed to establishing capital equipment endowments through his estate and the Rinker-Ross Memorial Foundation for the benefit of Trine University's pre-med, bio-mechanical engineering, physical therapy and performing arts programs.

Outstanding Achievement Award

Vipul Shah, a 1996 chemical engineering alumnus, received the Outstanding



Achievement Award. Shah is a senior vice president, international client advisor, portfolio manager and dedicated equity plan specialist with Morgan Stanley. A cancer survivor, he focuses on comprehensive family wealth management with thoughtful focus on legacy considerations.

Outstanding Young Alumni Award

Steve Jbara, 2010 marketing alumnus, was honored with the Outstanding Young Alumni



Award. Jbara is president and founder of the Grand Rapids Drive, the Detroit Pistons' affiliate NBA G League (formerly NBA Development League) team. The Drive became the first team in NBA G League history to turn a profit in its inaugural season. Jbara has started and sold two additional companies.

Alumni Cup and University Cup

Kappa Sigma and Alpha Sigma Phi fraternities split Alumni Cup Challenge honors for having the most in attendance at the Touchstone/Homecoming Celebration event. Sigma Phi Epsilon won the University Cup golf outing for the second year in a row. ■

UNIVERSITY HONORS QUARTER CENTURY FOOTBALL TEAM



Trine University honored its Trine/Tri-State Quarter Century Team during the Touchstone and Homecoming Celebration Dinner on Oct. 4 and the Homecoming football game on Oct. 5. The following represent the best of the best in 25 years of Thunder football.

Quarterbacks

Eric Watt
Years Played – 2007-2010
All-American – 2010
All-Conference – 2008, 2009 & 2010

Nick Wellman
Years Played – 1996-1999
All-Conference – 1997, 1998 & 1999

Running Backs

Lamar Carswell
Years Played – 2015-2018
All-American – 2018
All-Conference – 2017 & 2018

Barron Chambers
Years Played – 1995-1998
All-American – 1997 & 1998
All-Conference – 1996, 1997 & 1998

Pete Hobbs
Years Played – 1999-2002
All-American – 2001 & 2002
All-Conference – 2000, 2001 & 2002

Wide Receivers

Jeffery Barnett
Years Played – 2015-2018
All-American – 2018
All-Conference – 2015-2018

Paul Curtis
Years Played – 2007-2010
All-Conference – 2009 & 2010

Javontae Hince
Years Played – 2009-2012
All-Conference – 2010, 2011 & 2012

Le'Once Belton
Years Played – 1996-1999
All-Conference – 1998 & 1999

Gage Corner
Years Played – 2012-2015
All-Conference – 2013 & 2015

Tight End

Bryon Lewinski
Years Played – 1995-1998
All-American – 1998
All-Conference – 1997 & 1998

Offensive Linemen
Taylor Sprague
Years Played – 2010-2013
All-American – 2013
All-Conference – 2012 & 2013

Greg Lefeld
Years Played – 1995-1998
All-American – 1998
All-Conference – 1996, 1997 & 1998

Andrew Hagar
Years Played – 2014-2015 & 2017-2018
All-Conference – 2017 & 2018

James Greenlee
Years Played – 2006-2009
All-Conference – 2007, 2008 & 2009

Bryce Sims
Years Played – 2007-2010
All-Conference – 2008, 2009 & 2010

Adam Jatich
Years Played – 1999-2002
All-American – 2002
All-Conference – 2000, 2001 & 2002

Kicker

Per-Arne Forsman
Years Played – 1996-1999
All-American – 1998 & 1999
All-Conference – 1998 & 1999

Return Specialist
Michael Newbill
Years Played – 1998-2001
All-Conference – 2001

Defensive Linemen
Me'Leick Miles
Years Played – 2014-2017
All-Conference – 2015, 2016 & 2017

Dan Protsman
Years Played – 1998-2001
All-American – 2001
All-Conference – 2000 & 2001

Louis Danesi
Years Played – 2010-2013
All-Conference – 2012 & 2013

Bill Kryscynski
Years Played – 1996-1999
All-Conference – 1998 & 1999

Ryan Hogan
Years Played – 2011-2014
All-Conference – 2014

Linebackers & Outside Linebackers
John Werling
Years Played – 1997-2000
All-American – 1998, 1999 & 2000
All-Conference – 1998, 1999 & 2000

Courtney Pearson
Years Played – 2004 & 2006-2008
All-American – 2007 & 2008
All-Conference – 2007 & 2008

Matt Eby
Years Played – 2004-2007
All-Conference – 2006 & 2007

Isaac Sturgis
Years Played – 1998-2001
All-American – 2000 & 2001
All-Conference – 2000 & 2001

Antonio Vaughn
Years Played – 1995-1997
All-American – 1997
All-Conference – 1996 & 1997

Kyle Christman
Years Played – 1999-2002
All-American – 2002
All-Conference – 2001 & 2002

Aaron Shoemaker
Years Played – 2008-2011
All-Conference – 2009 & 2010

Defensive Backs
Marcus Winters
Years Played – 2015-2018
All-American – 2017 & 2018
All-Conference – 2015-2018

Jason Stechschulte
Years Played – 1999-2002
All-American – 2001 & 2002
All-Conference – 2000, 2001 & 2002

Aaron Selking
Years Played – 2007-2010
All-Conference – 2008, 2009 & 2010

Myron Puryear
Years Played – 2011-2012
All-Conference – 2011 & 2012

Jason Hart
Years Played – 1997-2000
All-Conference – 1998, 1999 & 2000

Punter
Nathaniel Fitzsimmons
Years Played – 2005-2008
All-Conference – 2005-2008 ■



MORE THAN 9,000 PARTICIPATE IN HOMECOMING AND FAMILY WEEKEND

Perfect weather welcomed more than 9,000 alumni, families and community members to Trine University Homecoming and Family Weekend, held Oct. 4-6.

Students began the celebration earlier in the week, with the following groups chalking up victories in the Thunder Games:

- Cornhole Tournament – Karney Brothers (Andrew Karney, a mechanical engineering major, and Nathan Karney, a social studies education major, both from Quincy, Michigan)
- Dodgeball Tournament – Pink Socks (Jared Kazmierczak, an exercise science major from South Bend, Indiana; David Cox, a management major from Newark,

Ohio; Luke Lashure, a computer science and information technology major from Fort Wayne, Indiana; Cory Burnett, an electrical engineering major from Benton Harbor, Michigan; Brandon Dalley, a biochemistry major from Waldron, Indiana; Seth Gifford, a mechanical engineering major from Bloomington, Illinois; and Daymon Marlowe, a mechanical engineering major from Fort Wayne, Indiana)

- Sidewalk-Painting – Women's Basketball
- Tour-de-Trine - Pink Socks
- Lip-Sync Battle – Women's Basketball

At the Thunderstruck Pep Rally, Brooke Hardy, a senior from Wauseon, Ohio,

majoring in chemical engineering, was crowned Homecoming queen and Evan Radtke, a junior from Sturgis, Michigan, majoring in forensic science, was crowned king.

A record crowd of 6,375 attended the Homecoming football game. Many alumni and families also participated in the Touchstone and Homecoming Celebration Dinner, Homecoming bonfire, pancake breakfast, Tour de Trine, Thunder Zone and tailgating.

Mark your calendar for next year's Homecoming and Family Weekend, which will be held Oct. 9-11, 2020. ■



9/11 DISTINGUISHED SPEAKER LOOKS BACK, AHEAD

Looking back at the events of 9/11 and ahead to the future, Rear Adm. Edward “Sonny” Masso (USN Ret.) shared both his experiences as a Pentagon officer on that day and the challenges the nation faces in an era of rapidly evolving technology.

Trine University’s annual 9/11 remembrance, opening the Distinguished Speaker Series for the school year, welcomed students, staff and area residents to the T. Furth Center for Performing Arts to hear Masso’s reflections and to remember those who died in the terrorist attacks.

Drawing from his current work in cybersecurity, Masso commended Trine President Earl D. Brooks II, Ph.D., for past remarks on the need for change in education, asserting that, “We must be open-minded to deal with technology and how it redefines premises of science.”

Within five years, he said, “We’ll be in a world of machine learning and artificial intelligence, with tools run over quantum computers over 5G networks using biometric identification and authentication of user protocols – no more passwords – using blockchain and other collaborative tools, changing the way we go to the marketplace.”

Turning to his memories of Sept. 11, 2001, Masso, a captain at the time, said his job was to command the Chief of Naval Operations’ and Secretary of the Navy’s command center at the Pentagon. Sitting at his desk in nearby Crystal City when he heard news of the attacks over the radio, he drove to the Pentagon.

He was at the top of an escalator, just above the Command Center, when American Airlines Flight 77 hit the building.

“I thought at first it was a bomb,” he recalled. “The earthquake-like jolt was unlike anything I’d ever felt before.”

Hurrying down and ignoring a loudspeaker announcement to evacuate, he sought out the outer access door for the command center, only to find it white-hot. He heard

loud cries and turned, moving material to allow seven women trapped in a restroom to escape.

He said the aftermath engaged all his senses: smell from the smoke and fire, the sight of “horrific destruction and death and profound injury to people in some cases I had known for over 25 years,” touch as people jumped from higher floors into his arms, and the taste of the overwhelming aroma of the smoke that permeated his mouth and throat.

“The sound was the most egregious,” he recalled, “as the cries of the injured from

within the inner depths of the space ... tortured me by giving me a sense of helplessness.”

He said he thinks every day about his own staff, those who died in the Twin Towers, and the firefighters who went into those buildings.

“I visit the graves of most of the decedents from the Command Center a few times every year. I love those people so much,” he said. “God bless you all, God bless the souls of the departed victims of 9/11, and God bless America.” ■



Rear Adm. Edward “Sonny” Masso answers a question during the Sept. 11 Distinguished Speaker Series at the T. Furth Center for Performing Arts.





Earl D. Brooks II, Ph.D.
Trine University
President

THANK YOU FOR THE IMPACT YOUR GIFTS HAVE MADE.

Since launching our Invest in Excellence campaign in 2009, Trine University has experienced unprecedented growth. The combination of generous financial support, committed faculty and staff, and eager students seeking a practical, career-focused education enables us to thrive in a challenging environment for higher education as a whole.

Quite simply, the impact these contributions have had on the lives of our students, and on our community, has been transformative.

Because we have accomplished so much in such a short time, our students enjoy a vibrant campus culture, state-of-the-art classrooms and laboratories, and residence and athletic facilities that are second to none, while gaining knowledge and skills that are sought after by employers. Recent campus additions have benefited the community at large, including a world-class performance space and an arena hosting hockey and skating programs.

However, we cannot be content. We must not only support existing programs, but explore new avenues for providing a quality Trine experience. For example, we recently announced an ambitious expansion to our health sciences programs, and fundraising is underway for a new engineering building to support the growing needs of our Allen School of Engineering and Computing.

To accomplish these and other goals, we must **THINK BIGGER. AIM EVEN HIGHER.** And, as we face a rapidly changing and tumultuous higher education landscape, we must also ensure we are building **ENDURING EXCELLENCE**, making targeted and strategic investments that outlast the storms that may be on the horizon.

You can take great comfort in knowing your investment in Trine pays dividends. Over the past seven years, more than 99 percent of Trine graduates were employed or in graduate school within six months of graduation, benefiting not only our students, but our communities and our nation.

As the Invest in Excellence campaign draws to an incredibly successful conclusion, please take a moment to review what has been accomplished and consider the impact you make by supporting Trine students. Whether it is through a financial gift to fund student scholarships, capital projects or the increasingly important endowment, your generosity will ensure the Trine experience is available for students today and in the future. Most importantly, we will continue to produce graduates who are prepared, as our mission states, to succeed, lead and serve.

INVEST IN EXCELLENCE: PRIORITIES

PRIORITY: SUPPORTING THE TRINE FUND **CREATING MEANINGFUL EXPERIENCES**

Students and their families demand the best value— high-quality education at an affordable price. While we work tirelessly to keep tuition prices as low as possible, it has become more and more challenging to both provide the increased financial support our students need and to grow and maintain our beautiful campus.

Today, **98 percent** of our students receive more than **\$33 million in scholarships and grants**, part of **more than \$60 million** in total financial aid. In 2017-18, **1,771 students received merit scholarships** from Trine, and the average Trine student received a **\$33,100 financial aid package**.

We have been able to do this because of the tremendous support we receive from dedicated donors. Gifts to the Trine Fund directly fund the education of thousands of students and provide the resources we need to create the best possible educational experience.

PRIORITY: BUILDING THE ENDOWMENT **FOSTERING EXCELLENCE IN TEACHING AND LEARNING**

For the past 15 years, we have invested in our campus, growing our enrollment base and academic programs. While this vital work continues, we must stay focused on another fundamental element critical to the future of the university — the growth of our endowment.

Strong universities have strong endowments. For the university, the benefits of a strong endowment are clear. It creates an important source of ongoing income, enhances stability and provides a greater level of independence.

Contributing to the endowment also brings great value to the donor. Endowment gifts perpetuate the donor's values and priorities, which might include endowing an academic program or chair. Endowment gifts also create a sense of immortality, creating a permanent tribute to the donor that extends the donor's values for future generations.

PRIORITY: CAPITAL IMPROVEMENTS **TRANSFORMING THE CAMPUS, EQUIPPING OUR STUDENTS**

We are proud of our transformed campus, but we know the work is far from complete. An ever-changing workplace requires that our students be better prepared and better equipped. That means we must continually invest in new equipment and facilities. At Trine, that means new labs, along with state-of-the art classrooms and innovative learning spaces.

This is precisely our plan for the proposed addition to our Allen School of Engineering and Computing. With the latest technology, flexible labs and bright collaborative spaces, our growing population of engineering and computer science students will have what they need to make them sharper, stronger and smarter — exactly what they need in a fiercely competitive environment.

CAMPAIGN UPDATE: STUDENT SCHOLARSHIPS

The generosity of our donors provides life-changing experiences for Trine students and is essential for fulfilling the mission of Trine. These are just a few examples of students whose lives were enriched forever through the kindness of donors – and how the lives of the donors were changed as well.

Rupa Shanmugam and Ross Cordaro: Hopefully our scholarship will give these students a little piece of mind.

Ross Cordaro, 1995 BSCE, and Rupa Shanmugam, 1995 BSEE, both had to work their way through Tri-State University, but both fondly remember their time on campus. They decided to give back to help students like them more easily afford a Trine education.

“We hope to give non-traditional, veterans and/or international students a little help. We fall into all these categories and know the additional burdens and hardships involved,” they said.



Simeon Washington: I really couldn't see myself working in any other field.

A broken ankle during his senior year of high school left Simeon Washington with few options for playing college football. A coach from his hometown of Toledo who was on Trine's staff gave him the opportunity, and it has paid off, with Simeon earning all-MIAA honors last year and this year.

Impressed by Trine's small school atmosphere, Simeon is grateful for the generous scholarship support he has received and the support he has felt from Trine alumni. He is majoring in criminal justice and plans to work in law enforcement once he graduates.



Jade Willett: I don't know what I would do without the Trine Fund.

Support from scholarships provided through the Trine Fund is allowing Jade Willett, orphaned at 16, to complete her degree at Trine and work toward her dream of medical school.

It also has allowed her to take part in activities like playing alto saxophone in the Sound of Thunder marching band and becoming a member of Kappa Sigma Alpha. She was even able to complete a Study Abroad experience in Greece.



TIMELINE

Invest in Excellence launches as a \$75 million campaign
2009

Trine University launches its biomedical engineering degree program as the Jim and Joan Bock **Center for Innovation and Biomedical Engineering** opens, the home for the Jim and Joan Bock Biomedical Engineering Department, Foundry Lab, Plastics Lab, Hall of Innovation and Trine innovation 1.
2013

The Ketner School of Business opens in the renovated **Ford Hall**. **Reiners Hall** opens to help accommodate the growing student body; Stadium Hall is added in 2018. The **Franks School of Education** adds a dual licensure program for elementary and special education.
2015

The Thunder Ice Arena, home to Trine University's new hockey teams as well as youth and community programs, opens. **Trine's Doctor of Physical Therapy** program receives accreditation from the Commission on Accreditation in Physical Therapy Education (CAPTE).
2017

As the Invest in Excellence campaign draws to a very successful conclusion, **TrineOnline**, a new convenient, cost-effective path for students seeking to complete a degree, launches. The Franks School of Education adds a **special education dual licensure** option to most of its secondary degree majors.
2019

START

\$75 MILLION

\$125 MILLION

2010

Trine University launches the **Master of Science in leadership program**, which three years later becomes the Lou Holtz Master of Science in Leadership. The exercise science program also launches.

2014

The Health Sciences Education Center in Fort Wayne begins offering classes for **Trine's first doctoral program, the Doctor of Physical Therapy**. The T. Furth Center for Performing Arts opens on May 2 with a concert by Lee Greenwood. Trine introduces **Master of Business Administration and Master of Science in engineering management programs**.

2016

The Rinker-Ross School of Health Sciences is named as an **expansion to Best Hall** is dedicated.

Invest in Excellence surpasses \$80 million.

2018

The MTI Center, home to Trine University basketball, bowling and esports, opens. The university announces that the Rinker-Ross School of Health Sciences, which launched the **Master of Physician Assistant Studies program** in fall 2018, will add and expand multiple programs over the next several years.

GOAL EXPANDED TO \$125 MILLION

GOAL

ENGINEERING THE FUTURE OF TRINE.



Our vision for the proposed expansion of the Allen School of Engineering and Computing will transform the way our engineering students learn and interact. This new expansion, which will provide critical space and technological support for our expanding computing programs, will reflect the same quality and aesthetics demonstrated in other recent projects on the Trine campus.

Current designs include an airy, glass-walled exterior that will provide bright, open spaces for collaboration and conversation, and make a striking addition to the heart of the Trine University campus. In addition to a new café and expanded faculty office space, plans include: state-of-the-art technology supporting new classrooms and labs, movable walls in some classroom areas to allow for greater flexibility, and an active learning lab with a maker space to foster creativity.

THERE ARE MANY OPPORTUNITIES, LARGE AND SMALL,

to invest in this expansion project and support the Allen School of Engineering and Computing. **To continue the growth and momentum we have experienced, it will take many gifts of all sizes.**

Create a legacy at Trine by naming a space after yourself or a loved one, or please consider a scholarship that enables us to continue to attract the best and brightest engineering students.

INVEST **IN** EXCELLENCE.

SUPPORTING THE ACADEMIC MISSION



Investing in faculty and the academic mission of Trine is an essential part of investing in excellence.

The Invest in Excellence campaign supports these efforts in a variety of ways, one of which is by endowing faculty chairs. Not only

do endowed chairs provide training and development for Trine University faculty, they also support scholarship and teaching programs, compensate student assistants or support staff, cover department travel expenses or support a professor's salary. Here are three examples of how endowed chairs enhance and enrich teaching and learning at Trine:

The recipient of teaching awards from Trine University, the Indiana PGA and Greater Fort Wayne Business Weekly, **Dean Catherine Benson** holds **The Rick L. & Vicki L. James Dean's Chair** in the Ketner School of Business. Dean Benson has served as director of Trine's golf management program since 2012. In addition to her teaching duties, she instituted Tee It Up Trine, a student organization focused on philanthropy, instruction and promotion of golf.

The chair honors 1977 business administration graduate and

university board chair, Dr. Rick L. James, who, in 1997, struck out on his own as chairman and CEO of Metal Technologies. Drs. Rick L. and Vicki L. James have supported many projects on the Trine University campus and throughout northeast Indiana. The Rick L. and Vicki L. James University Center is named in the couple's honor.

The William and Patricia Schantz Professorship

is held by **Gary Greene, Ph.D.**, associate professor in the Reiners Department of Civil and Environmental Engineering.



Dr. Greene was honored by the Asphalt Pavement Association of Indiana with its inaugural "Outstanding Asphalt Industry Educator Award" for his extra effort to support asphalt industry education. He also helps facilitate the annual trip for civil engineering seniors to Pittsburgh.

William Schantz 1944 DDT was owner of Hartford Concrete Products, Hartford City, Indiana, for 50 years, a company started by his father, Edward Schantz. At his retirement, he sold the company to his employees. Patricia Schantz

served as vice president for the company. Bill earned the 1990 Distinguished Service Award from Tri-State University. The couple also has a scholarship established through the Blackford County Community Foundation.

Bringing more than 20 years of experience in social change initiatives to her position, **Kelly Trusty, Ph.D.**, holds **The H. Phillip Conrad Endowed Chair**, given in recognition of exceptional teaching and academic accomplishment within the Ketner School of Business.

Dr. Trusty was awarded the Charles William, Nelle Paris and Mary Ann McKetta Excellence in Teaching Award in Business in 2017, and shares her knowledge of nonprofit leadership and management with her students as well as in journal articles and textbook contributions. She also serves as facilitator for the Ehinger Fellows student leadership group in the Ketner School of Business.

H. Phillip Conrad Jr., for whom the honor is named, worked for Northern Indiana Fuel and Light for 33 years, retiring as president and treasurer. He was a Tri-State University trustee.



ALL IN THE FAMILY: THREE GENERATIONS OF FABIANI FAMILY HAVE SERVED ON TRINE'S BOARD

Dante Fabiani had many things to be proud of in his life, but he always took special pride in his alma mater.

His son, Jim, said the 1938 Tri-State College graduate would be especially proud that three generations of the family have now served on Trine University's Board of Trustees. Jim and his daughter, Elizabeth Rooney, are both current members of the board.

The Fabiani family arrived in the United States from Italy in the 1910s. Dante's father worked as a gardener in Waterbury, Connecticut, and Dante often assisted.

One of Dante's father's employers saw potential in the young man and introduced him to Tri-State College.

"The story is sometimes that the man paid Dad's way through Tri-State," Jim said.

Dante earned an accounting degree and went on to a very successful career, eventually serving as president of Crane Company in New York until he retired in 1980. He also served on other corporate Boards of Directors including Textron, Colorado Fuel & Iron, Medusa Cement and Huttig Sash and Door.

He was a member of Tri-State's Board of Trustees from 1967 to 1985, serving as chair for several years. Jim said Dante's love for the school was evident in many discussions around the family dinner table as the college navigated turbulent times.

"He really loved the school," Jim recalled.

Dante also was very proud of the honorary degree he received from Tri-State in 1973.

"He would bring it up years later and joke, 'You have to address me as doctor' at Christmas or Thanksgiving dinner," Jim said.

After Dante died in 1999, wife Virginia continued the family's support of Tri-State. In 2000 the university dedicated the Fabiani Hall residence, and in 2007 the Fabiani Theatre inside the Rick L. and Vicki L. James University Center was named in Virginia's



Elizabeth Rooney stands next to her father, Jim Fabiani, in front of the Fabiani Theatre, located inside the Rick L. and Vicki L. James University Center.

honor. The family also established endowed scholarships in Dante's name and in the name of Virginia's mother, Ola Parnham.

"One of my fondest memories is when 17 of our family members, from seven different states, attended the dedication of Fabiani Theatre," Elizabeth said. "Seeing my grandmother's bond with the school created an emotional attachment for me and made me feel very proud."

President Earl D. Brooks II, Ph.D., asked Jim, who is the head of his own government relations firm in Washington, DC, in 2001 if he would consider joining Trine's board.

"I was honored because my father had gone there and it meant so much to him," Jim said. "I really couldn't say no."

Jim's tenure on the board has included serving as vice chair from 2008-2012, during which the university experienced tremendous enrollment and fundraising growth, and completed and launched several major building projects. He also recently donated an art collection that graces

the walls of the C.W. Sponsel Administration Center.

Elizabeth, who serves as a senior marketing manager for Google, joined in 2014.

"I felt honored to join such an accomplished group of individuals," Elizabeth said. "I also felt a tremendous responsibility to the school and to the students. My grandfather served on the board during some of the school's most challenging years, and I not only wanted to continue my family's legacy, but play a role in enabling the future growth of the school."

Besides being proud of the family involvement, Jim said Dante would have loved seeing how Trine University has grown.

"He would have been so proud of its success," Jim said. "He would look at the campus and programs and people leading it, and say, 'This is truly wonderful! We have become an outstanding national and international university.' " ■

‘WE SOLD A DREAM’: FOOTBALL’S BEGINNING AT TRINE RECALLED

Today, after 25 seasons, Trine University football brings school spirit, excitement and enthusiasm to the campus, but at its beginning, the program was designed to attract something more basic: students.

“In the early 1990s, we had real enrollment issues,” recalled Butch Perchan, athletic director at the time.

Dr. William Gettig, a 1949 mechanical engineering alumnus who was chairman of Tri-State University’s Board of Trustees, and his wife Loene already had made donations to keep the university running. Gettig lived



From left, former Tri-State president John Reynolds, Loene and William Gettig.



in Pennsylvania at the time and was part of the Penn State football boosters, and believed launching a gridiron program at Tri-State could help turn things around.

“I felt we needed something other than basketball for growth. We were already not doing very well financially,” said Gettig. “I knew something had to be done, so we did it.”

Gettig’s belief was not without merit, Perchan said.

“There was a study done by the NCAA at the time that said there was a four-year window when you added a football program where you would see 200 new students,” he said. “Not only would you recruit football players, but more cheerleaders and band members.”

Gettig, who lived in Pennsylvania, flew to the university weekly to meet with a committee he had appointed to launch the program. The university hired Dale Carlson as Tri-State’s first head coach, a move Perchan called “a huge home run.”

Carlson had been head coach at Taylor University, and had heard about the opening

at Tri-State from his athletic director, who was friends with Perchan. He saw the opportunity at Tri-State to build a successful program, since TSU offered several majors, including engineering and criminal justice, that Taylor didn’t at the time.

“We used to track, when we would talk to recruits, what they would want to go into,” Carlson said. “At the time the kids we wanted to recruit said education, business, criminal justice and engineering. The fact that Tri-State was the league’s only school that had an engineering program was a real positive in recruiting students. I thought we would be able to recruit across a broad academic spectrum and be successful.”



Dale Carlson, Tri-State’s first head coach



1998 Tri-State football NAIA Final Four team.

“We emphasized recruiting engineers into football,” Perchan said. “Would your 6-foot-tall 165-pound split end who couldn’t play at Purdue play here?”

The team’s first recruiting day, held at the old Zollner Golf Course clubhouse, drew about 75 or 80 people. The team hoped for 80 to 85 players by the first day of practice and wound up with 130.

“We sold a dream,” Carlson said. “We said that if you come here and stay we’re going to compete for a conference and national championship, and that’s what we did.”

Meanwhile, the Gettigs paid to outfit the Thunder.

“We needed football uniforms: shoes, athletic supporters, pants, helmets,” Gettig recalled. “It was financially hard to do, and so we helped get it done.”

Carlson also had connections to Sam Rutigliano, former head coach of the Cleveland Browns and, at the time, coach of Liberty University, that helped get the new team up and running.

“Two huge truckloads of equipment came; anything Liberty had put on the back burner,” Perchan said.

Gettig flew the team to State College, Pennsylvania, for spring practice at Penn State, with the team getting organizational advice from legendary coach Joe Paterno.

“It was a very unifying week,” Perchan recalled.

The effort was rewarded by a huge crowd that overflowed the stands at Angola High School for the first home game, a win over, ironically, Taylor. Gettig recalled that traffic was backed up on U.S. 20 all the way through downtown Angola to get in.

“Who would believe that many would come out?” said Perchan. “It was a special day.”

The program was able to build on its success, doubling its win total in year two. Carlson kept his promise to his recruits by coaching the team to the NAIA national semifinal in 1998. Shive Field opened on campus the next season.

“Those were hectic days. Long, hard days,” Perchan commented. “It was hard work. We had a lot of fun doing it and a lot of late nights.”

“We built a nationally competitive program, and Trine has been able to sustain that,” Carlson said. “I’m happy that the program has continued to play at a high level.” ■

25 YEARS OF THUNDER FOOTBALL

- Nearly 3,300 student athletes
- 145 victories
- Six conference championships
- 237 All-Conference athletes
- 200 Academic All-Conference athletes
- Six Academic All-Americans
- 38 All-Americans
- One Gagliardi Award winner: Eric Watt, 2010

ALUMNI CARRY LOVE FOR FOOTBALL INTO COACHING CAREERS

Troy Abbs, Trine University's head football coach, says love for football is contagious at the university.

"Our staff loves the game of football and using football as a tool to have a positive impact on a diverse group of student athletes," Abbs said. "Our student athletes see that love and it is infectious."

That love of the game has carried on in the lives and careers of a number of Trine football alumni who have gone from playing the game for the Thunder to coaching at the high school and college level. Here is a brief look at a few of them.

Bryan Craig, offensive coordinator, McCutcheon High School, Lafayette, Indiana

The 2014 health and physical education graduate said he always has had a love for sports. He coaches girls basketball and baseball in addition to football.

"I want to give back the way people gave to me," he said.

He credits the Trine coaching staff with instilling habits that have helped him become successful, and with giving him help and advice.

"If I had a question, I could call and they would give me tips and pointers," he said. "On recruiting trips we would sit down and talk football, and they would tell me some of the schemes and techniques they had going."

He hopes to eventually become a head high school football coach.

"I enjoy the ability to still compete, not on a physical but on a mental level," he said.

Me'Leick Miles, defensive line coach, Franklin College

As a player, Miles, a 2018 graduate, would study the nuances of football and thought, "Why not go into coaching?"

"I am loving it here," he said. "Coach Mike Leonard is teaching me a lot and I am enjoying learning everything I can from him."

He said the psychology part of his dual psychology and criminal justice major comes in handy in working with players. Trine's coaches also taught him how to be approachable and how to relate to different types of people.

"As the youngest coach, the hardest part is earning their respect," he said. "I let them know I can be a friend, but I'm not their buddy."

Mitchell Fair, defensive quality control coach, Yale University

The 2017 health and physical education major has traveled to diverse regions of the United States in a short time, working as a volunteer defensive assistant at the University of Central Florida after graduation, then serving as a graduate assistant at NCAA Division II Southwest Minnesota State

and working at DII Midwestern State in Texas before arriving at Yale.

"The quality control position is mainly an analytic job," he said. "My job each week is to get with the defensive coordinator and staff to see what we should be breaking down and aid in coaching. I'm in the press box, not on the field."

He said he doesn't have any concrete goals for the future; he just wants to make an impact on players.

"I want to take kids who have goals of being doctors and help them achieve their goals by helping them do what they love," he said.

Taylor James, secondary coach, Manchester University

Coaching wasn't a new idea for the general studies major when he arrived at Trine. His father has been a high school teacher and coach for more than 30 years, and James planned to follow in his footsteps.

He served as a student assistant coach, working with safeties and daily recruiting operations, before graduating in 2017. He became a graduate assistant at the University of Sioux Falls, serving first as cornerbacks coach and then assistant recruiting coordinator and safeties coach, before joining Manchester in January 2019. He is returning to Trine this spring as inside linebackers coach.

He eventually hopes to be head coach at an elite small college football program.



Bryan Craig, right



Me'Leick Miles, far right

He said the understanding he received from Trine faculty, the detailed explanations of football schemes he received from Abbs, and the bond he formed with assistant coach Maury Waugh have all helped him in his current position.

"I often find myself in positions of frustration with student-athletes, but I remember how compassionate professors and coaches were to me as a young man at Trine, and replicate that," he said.

Brent Niekamp, head football coach, Fort Recovery High School, Fort Recovery, Ohio

Though he has reached the pinnacle of Ohio high school football, coaching Fort Recovery to the 2015 Division VII state championship, it hasn't always been easy for Niekamp.

Taking the head coaching role in the community where he grew up only two years after finishing his social studies education degree at Tri-State in 2003, Niekamp faced the challenge of turning around a struggling program in one of the state's toughest conferences.



Taylor James, right



Brent Niekamp

"I came into the league coaching against a group who were Ohio Hall of Fame coaches," he recalled. "It was brutal."

Thanks to organization and communication skills learned as a student, lessons learned from founding Tri-State football Coach Dale Carlson, and the understanding and support the

community gave the young coach, he was able to make the playoffs for the first time in 2014.

"I am where I want to be," he said. "It has been really rewarding to build a program our community can be proud of." ■

ENGINEERS WITHOUT BORDERS: ALUM RECALLS EXPERIENCES WITH COLLEAGUES IN USSR



George Englesson, Ph.D., BSCE 1957, was the technical director of the Advanced Engineering Department of Raytheon, formerly United Engineers and Constructors (UE&C), Inc. His work took him several times to the Soviet Union in the 1970s. Here he shares two experiences in that nation.

In fall 1976, I was a member of a scientific delegation discussing waste heat utilization from power plants. Although there were several plants near our hotel, our guide and translator drove us to one of their modern plants in Moscow more than an hour away. As we approached, I noted the plume rising from the cooling towers curled down around the top, indicating that the tower had not been optimally designed.

Staff said it had been designed to be highly efficient, reminding me of a similar statement made by the manager of a Canadian power plant I visited in 1971. Then, I was part of a team that investigated serious environmental impact at the Tracy Power Station, designed and built by UE&C for Hydro Quebec Power.

At that station, persistent wind off the seaway, blocked by the large surface of the boiler house, caused a low pressure region downwind. The plant's high efficiency, obtained by extracting much of the heat energy from the boiler exhaust, coupled with short stacks caused the

plume from the chimneys to be drawn down into the low pressure area and pulled into the building through fresh air intakes.

The plant would start up in the morning and shut down at night, during which time the temperature of the stack gases passed through the acid dew point. In addition, vanadium in the burned oil acted

the problem. Before our translator could finish, the Moscow engineer was beside me. I am sure that when he got back to Moscow, he was able to convey the treatment needed to solve his problem.

On Feb. 25, 1977, Englesson was working on a protocol for cooperation between the USSR and United States on electric power engineering.



George Englesson, Ph.D., left, stands with other members of the U.S. delegation and Soviet personnel at the Novovoronezh nuclear power station.

as a catalyst to promote the conversion of sulfur dioxide to sulfuric acid. The low temperature of the stack gases promoted condensation in the stack.

After we visited the Moscow plant, we traveled to a nuclear plant at Novovoronezh, where we sat down to discuss nuclear power and its application in the USSR and US.

Near the end of the session, the assistant plant manager asked if I had any knowledge of low temperature corrosion. One of the engineers in the crowd said something which included the word "problem," and I recognized him as an engineer I had seen at the plant in Moscow. I said, "Let me tell you about a problem of low temperature corrosion at a fossil power plant in Canada."

I went to the blackboard, sketched the outline of Tracy and began to describe

We had worked hard with our Soviet colleagues over the previous two weeks, and Mike Ptchelin, head of the Soviet delegation, hosted a special dinner at the tower restaurant on the 21st floor of the Hotel Rossiya. At about 9:30, Mike said to me, "Come, Dr. George, before they bring our dinner; we will go to see the Kremlin from above."

As he led the way toward the stairs to the balcony, we were assailed by dense, acrid smoke pouring out of the elevator shaft and main stairwell at the rear of the restaurant. The room grew strangely quiet as everyone realized there was a fire.

The smoke thickened. Using water from someone's glass, I wet my handkerchief and covered my nose and mouth. Moving quickly, Mike and I searched for a window that would open. Suddenly we were

plunged into almost total darkness as the hotel's power failed.

We tripped over a small portable refrigerator. Mike motioned for me to take one side of it and he took the other. We smashed it into the window. Another sharp blow and the storm window shattered and fell into the courtyard.

Armed with restaurant chairs, we broke out the rest of the windows. We were grateful we could breathe again, but were now vulnerable to the Russian winter. We pulled down drapes and removed tablecloths to wrap them around the women and one another.

Three and a half hours later, there was no longer any evidence of flames and sparks in the tower or down below. We gathered at the stairs: our group with about 20 other people. I gave instructions that each person should put one hand on the shoulder of the person in front of them, and they should cover their nose with a wet handkerchief. A few minutes later, I took a deep breath, covered my nose with my wet handkerchief and led our group into the pitch dark, smoke-filled stairs.

We reached an open door and stepped out onto the roof of the north wing, then walked across the rooftop and entered a stairwell in the northeast corner. We continued down 12 more flights and at last reached the lobby. Within 15 minutes, we had reached safety.

The next morning, at breakfast, Mike toasted: "Last night we demonstrated we can work together. ... So if something happens to our scientific accords and

our efforts to work together are stopped, we will know that it is not our fault, but the fault of our governments. When that happens, let us pick up a refrigerator and throw it through a window."

The accords ended in 1979 after the defections of Soviet artists to the U.S. and that nation's invasion of Afghanistan. Unfortunately, there were no refrigerators available.

Editor's note: The Hotel Rossiya fire killed 42 and injured 50. The hotel, the largest in the world until 1990, was demolished in 2004. ■



Hotel Rossiya

LO WENT ON TO DISTINGUISHED CAREER WITH IBM, DELL



Leonard Lo, 1976 BSEE, had a long, successful career with two tech giants, and now serves as an advisor and mentor to technology startups and entrepreneurs.

The holder of 80 U.S. patents, Lo worked briefly at United Telephone Companies (now Sprint) in Warsaw, Indiana, before starting his MSEE at Washington University in St. Louis.

He completed that degree in 1981 and went to work for IBM, starting with the development team that produced the first IBM Personal Computer. During his tenure at IBM, Lo worked in areas of technology that involved VLSI design, CMOS circuit design, BIOS (PC firmware), operating system device drivers and network computing software.

After 19 years at IBM, he went to work for Dell, starting as a software technology strategist. In that role, he was involved in fast resume, network security and user experience for Windows in collaboration with Microsoft. He then led the technical efforts for flexible computing solutions, and the formation of small- and medium-size business strategy for the company's security solutions. Near the end of his tenure, he served as director of software technology, leading the development of Internet of Things (IoT) edge platform architecture and end-point architecture to improve serviceability through big data and machine learning.

He retired from Dell in 2017. He and his wife Yuri reside in Austin, Texas. ■



IMAM RUNNING FOR TEXAS CONGRESSIONAL SEAT

Donna Sumiya Imam, 1998 BSEE, has built a successful career in technology, today serving as managing partner at the Austin, Texas, company she founded.

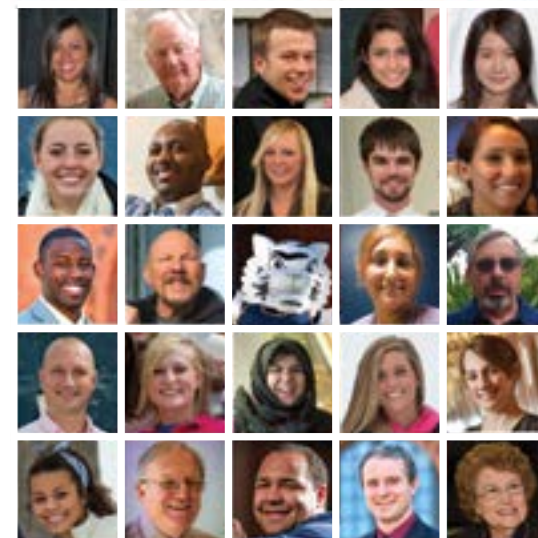
But along the way, she has worked with many others who have not been as fortunate. She joined and was elected president of ProductCamp Austin, a nonprofit that provides free continuing education, but decided she needed to do something more.

This past summer, she announced her candidacy for Texas' 31st Congressional District in the U.S. House. Concerned about issues such as economic insecurity, healthcare costs and education opportunities, Imam said she is running because "average people like me need to come together to solve these challenges."

"As an engineer, I analyze problems with the goal of finding data-driven, efficient solutions," she said. "Having researched and spoken with many people in my district, I found that regardless of our backgrounds, all of us want the same things for our families — reliable healthcare, opportunities for quality education for our children, and high-wage jobs."

Her platform includes scaling the healthcare infrastructure to accommodate the under- and uninsured while lowering cost, incentivizing students to pursue education in high-demand fields including trades, and paying workers a thriving wage with retirement.

She is one of multiple candidates who will face off in the Democratic primary on March 3. For more information, visit votefordonna.com. ■



1960s

Edward Stowe, 1960 BSEE, and his wife, Gail, live in Essex, Vermont, and have been married nearly 62 years. Ed and Gail have two children: Terri, a 2015 Trine University alumna, and Tim. Ed retired after 25 years at IBM as an Engineer Manager in several technical departments. He feels the concept of volunteering fits his need to remain active in helping other families who are less fortunate. He is currently involved in a program to help felons adjust to life outside of prison and various other volunteer efforts. In 2014, Ed received the Lifetime Achievement Award, signed by President Obama, for his many years of volunteer work.

Gary Green, 1962 BSAE, and his wife, Bonnie, celebrated their 50th wedding anniversary on June 1, 2019. Gary celebrated his 60th high school reunion this year with several of his classmates. And in April, Gary and Bonnie became great-grandparents for the first time. Gary continues to watch the growth of Trine and praises President Brooks and other leadership for continued growth. He is thankful for the education he received while at Tri-State, because it helped him provide for his family and have a fun career at Johnson Space Center in Houston.

John Miller, 1964 BSEE, recently was featured in an Auburn, New York, newspaper article for taking team sports photos. John retired in 2003 after working in the electrical engineering field for various companies. Since then, John has started auburnrunners.com, a website of sports pictures he has captured that are available for download.

1970s

Roger Nawot, 1972 BSCE, was recently named Engineer of the Year by Indiana's American Society of Civil Engineers, following 45 years in the profession. Roger is currently South Bend's assistant city engineer and was preparing for retirement in December 2019. Roger also received his Master of Science in business administration from Indiana University in 1984 and is a Licensed Surveyor and Professional Engineer.

Rich Zigler, 1972 BSAE, former president of Trine's Sigma Phi Delta Fraternity, retired after working as a civilian engineer for 35 years for the U.S. Army, and the initial 10 years as a design engineer in commercial industry. He and his wife, Tina, are enjoying retirement with grandchildren and great-grandchildren.

David Hawkins, 1974 BSBA, retired after 35 years of being a CPA. His wife, **Teresa LuEllen Hawkins, 1974, BSA (Accounting)** also retired from Harris Rebar. They both spend their time volunteering and enjoying their three children and five grandchildren.

Bruce Heyman, 1979 BSEE, is a licensed 200-ton ship sailing captain and a Coxswain in the U.S. Coast Guard Auxiliary. He also serves on several boards, including the Economic Development



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 alumni@trine.edu.

Join us on Facebook at facebook.com/TrineUniversityAlumni/

and Policy Board, the San Pedro Chamber of Commerce and the International Trade Education Programs.

1980s

Gary Morrell, 1982 BSEE, is adapting to an early retirement in Colorado Springs, where he and his wife, Carol, had made their home since 1992. Carol passed away in September 2017 after a three-year battle with cancer. Gary spends his time traveling, gardening, remodeling his home, volunteering, building road race cars and restoring antique vacuum tube electronics in his workshop.

Andrew Perkins, 1983 BSEE, is a staff engineer at The Manitowoc Company in Shady Grove, Pennsylvania. He has been with the company for five years. Andrew and his wife have been married for 34 years.

Alfred Poe, 1983 BSME, has retired after 35



years of service as applications engineering director for Durr Systems, Inc. in Southfield, Michigan. Al lives with his wife, **Christine Poe, 1984 BSCE**, vice president of Ajax Paving Industries in Plymouth, Michigan. The couple have two sons, Austin and Alexander.

—continued

1980s

Dr. Philip Evers, 1987 BSBA, was recently named assistant dean for undergraduate studies in the Robert H. Smith School of Business at the University of Maryland. An associate professor of Supply Chain Management, he has been a member of the Maryland faculty since 1993.

Dr. Jafri Din, 1988 BSEE, was appointed the new director of the Wireless Communication Centre (WCC), located in Johor Bahru, Malaysia, in June 2019. Following his degree at Tri-State University in 1988, Dr. Din received his Ph.D. from Universiti Teknologi Malaysia (UTM) in 1997.

Bryan Schneider, 1989 BSACC, was recently named the associate director for Supervision, Enforcement and Fair Lending for the federal Consumer Financial Protection Bureau. Previously, Bryan served as the Secretary of the Illinois Department of Financial and Professional Regulation.

1990s

Jennifer Rose, 1995, BSEIEd, received a promotion as the new vice president of the Northern Indiana Event Center for Heritage Foundation.

Amy Barnhart, 1999 BSBA, earned her Doctor of Business Administration degree with highest honors from California Southern University this fall. Amy is director of financial aid at Wittenberg University in Springfield, Ohio.

2000s

Michael Bartley, 2000 BSAE, ran for the Virginia House of Delegate 94th District in the 2019 election. Michael is senior structural engineer at Eagle Technologies LLC, a deacon at Warwick United Church of Christ and a proud parent of two children.



Shawn Bozarth, 2005 BSME, and his wife, Heather, welcomed their third child in March 2019. Baby Winter was born seven weeks early and spent some time in the NICU, but she is a fighter and was sent home quickly to be with her family. Shawn and Heather have completed their



family of future Trine students with baby Winter and her two brothers, Brighton and Everest.

Stephanie Dowe, 2008, BAEng, and her husband, Justin, welcomed their second child, son Beckham Charles Dowe, on Aug. 15, 2019. They reside in Noblesville, Indiana, along with their daughter, Finley.



Roberta Schoon, 2009 BSBA, was named interim library director at the Three Rivers Public Library in Three Rivers, Michigan. This is the second time Bobbi has been named interim director after the role has unexpectedly become vacant. Bobbi has a master's degree in psychology from Capella University and is considering pursuing her second master's degree in library and information sciences.

2010s

Christopher Anderson, 2010 BSCJ, joined the Churubusco Police Department in the fall of 2019. After graduating from Trine, Chris completed the Indiana Law Enforcement Academy and started his law enforcement career. He has had roles in the Warsaw Police Department, the Kosciusko County Sheriff's Department and the Whitley County Sheriff's Department. Chris says he is looking forward to serving and getting to know the community.



Benjamin Lauletta, 2011 BSCE, married Sara Vaught on Sept. 27, 2019.



Danielle (Riker) Crosby, 2012 BSCJ, started her career working at the maximum security death row prison in Nashville, Tennessee, as a correctional officer right after college. Today, she's a



Domestic Violence Victim Legal Advocate in Hillsdale County at the Domestic Violence Women's Shelter. She also published a book and website to help people better understand the dynamics of domestic violence, from personal experience. The book is distributed to domestic violence shelters. Danielle was recently married and has three children.

Tim Lang, 2013 BSCE, and his wife Sarah welcomed a son, Caleb, on Oct. 20, 2019. Caleb was 20-1/2 inches long and weighed 8 pounds, 10.6 ounces.



Matthew Zurbriggen, 2013 BSCE, has joined RQAW, an engineering and architecture firm, as a project engineer in the company's La Porte water-resources department. Matthew has worked on projects across the state of Indiana, including the Point Blank Gun Range in Merrillville and the U-Haul Storage Facility in West Lafayette. In his role as a project engineer in the water-resource department, Matthew will work on the La Porte County EMS relocation and the new La Porte hospital.

—continued

2010s

Charlie Dreessen, 2016 BSME, and **Maria (Meienburg) Dreessen, 2016 BSHPE**, were married June 22, 2019, in South Bend, Indiana. Charlie is a project engineer for Honeywell in South Bend. Maria recently started at CrossFit RockFire as a CrossFit Coach in Plymouth.

Hallie Roof-Hildreth, 2016 BSEDET, married fellow Trine alum **Devon Stout, 2016, BSEDET**, on July 19, 2019. They were married in Gatlinburg, Tennessee, surrounded by their families.

Kyle Neulieb, 2016 BSES, recently joined the



Michigan City Fire Department in Michigan City, Indiana, and became the third generation from his family to choose firefighting as a career. After graduating from Trine, Kyle spent six months in the South Bend Fire Department Training Center, achieving certifications as an Emergency Medical Technician, Firefighter I and II and Hazmat Awareness.

FREE TEXTBOOKS

Trine alumni receive free textbooks for one year when they enroll in graduate programs through TrineOnline.

For more information, email online@trine.edu or visit trine.edu/online

TRINEONLINE

EDWIN KAWAMURA FOUND OPPORTUNITIES AT TRI-STATE

By Jarod Davis
Communications '20

Opportunities can lead people to interesting places. Deceased Trine Alum Edwin Tatsuo Kawamura found an opportunity, and later success, after graduating with a degree in radio engineering in 1955 from Tri-State College. Christy Carruthers, Kawamura's daughter, is grateful for the opportunities Trine offered her father in the 1950s. According to Carruthers, "Without this educational degree, his career path would have been very disappointing."

Kawamura was from Hawaii and served with the US Army occupation forces in Germany post-WWII. According to Carruthers, his job opportunities were very limited after the military. Even though his college education was covered by the GI bill thanks to his military service, it was difficult for him to enroll due to his Asian heritage.

"Being Japanese-American, most colleges at that time in the US were pretty much a closed door to Asian Americans, especially Japanese-Americans," she said. "This was way before the Civil Rights Movement and the Equal Rights laws of 1964 and 1968."

Tri-State was an exception and was even known in Hawaii for accepting Asian-Americans. Thanks to the opportunities the college offered, Kawamura was able to enroll and graduated in June 1955 with a degree in radio engineering.

His interest in radio pre-dated his time at Tri-State, as his daughter said he often worked with radios in his backyard in Hawaii.



"He had his own 'radio shack,' " she said. "A federal representative, probably from the FCC, showed up and warned him that he was interfering with their radio transmissions. His equipment was too powerful."

After college he was hired by RCA in Japan with an "enormous" salary of \$1,000 per month, she said. After RCA, Kawamura continued work as a field engineer.

"He spent the rest of his career as a field engineer in Japan, Okinawa, New Jersey, Maine and Oklahoma," she said. "There was something said to the effect that he even worked on the X-15 at Lancaster, in California, but I can't substantiate it."

Kawamura passed away on March 8, 2019. ■

IN MEMORIAM

(current as of Nov. 30, 2019)

1940s

Charles E. Smith, 1940 BSRE, Newark, Delaware, Sept. 15, 2019
Samuel R. Coletti, 1947 BSME, Canton, Ohio, Aug. 25, 2019
George W. Lindberg, 1948 BSBA, Lombard, Illinois, Aug. 23, 2019
Manfred L. Melchi, 1948/49 BSRE/EOA, Fremont, Indiana, Oct. 11, 2019
George F. Kays, 1949 BSCE, Downers Grove, Illinois, Sept. 24, 2019

1950s

Richard J. Echo, 1950 BSME, Nutley, New Jersey, Oct. 10, 2019
Robert E. Hutmacher, 1950 BSBA, Fort Wayne, Indiana, Sept. 1, 2019
Phillip J. Teagarden, 1950 BSAE, Mishawaka, Indiana, Sept. 1, 2019
Everett S. Clement, 1951 BSCE, Old Orchard Beach, Maine, Nov. 6, 2019
Eugene E. Stevenson, 1951 BSCE, Ottawa, Illinois, Nov. 5, 2019
Russell J. Pickering, 1952 BSME, Bryan, Ohio, July 27, 2019
James R. Elder Sr., 1953 BSCE, Hartford, Wisconsin, Sept. 20, 2019
Leslie E. Lahti, 1954 BSChE, Sylvania, Ohio, Aug. 17, 2019
Carlton F. Edwards, 1955 BSRE, Cocoa Beach, Florida, Oct. 11, 2019
Bradford S. Linscott, 1955 BSME, Strongsville, Ohio, June 30, 2019
Robert J. Little, 1955 BSCE, Ottawa, Illinois, Aug. 7, 2019
Victor W. Locastro, 1955 BSCE, Snow Hill, North Carolina, June 22, 2019
Francis B. Eck, 1956 BSME, Marietta, Georgia, Sept. 5, 2019
Sidney H. Miller, 1956 BSChE, Carlisle, Pennsylvania, June 5, 2019
Max E. Robart, 1956 BSAC, Fort Wayne, Indiana, Oct. 16, 2019
Roger W. Davis, 1957 BSME, Robinson, Illinois, July 12, 2019

Guy G. Martin, 1957 BSCE, Edmonds, Washington, April 1, 2019
Joseph T. Piersimoni, 1958 BSME, McComb, Mississippi, Jan. 11, 2019
Charles M. Adner, 1959 BSCE, Springfield, Illinois, July 14, 2019
Robert W. Evans, 1959 BSME, Indianapolis, Indiana, Oct. 26, 2019
Raymond J. Fraser, 1959 BSChE, Oak Ridge, Tennessee, Oct. 10, 2019
David B. Jones, 1959 BSME, Highland, Indiana, Aug. 13, 2019
Thomas P. Ryan, 1959 BSEE, Hendersonville, North Carolina, Aug. 10, 2019
Richard A. Shaver, 1959 BSEE, Somerville, New Jersey, June 9, 2019
John L. Stein, 1959 BSEE, West Chester, Ohio, Oct. 12, 2019

1960s

John D. Barnes, 1960 BSCE, Bowling Green, Ohio, Oct. 16, 2019
Frederick S. Clevenger, 1960 BSME, Westfield, Indiana, Oct. 27, 2019
John F. Madden, 1960 BSEE, Dayton, Ohio, Nov. 28, 2019
John E. Mixer, 1960 BSME, Burton, Ohio, July 10, 2019
Robert L. Neff, 1960 BSME, Columbus, Indiana, Aug. 11, 2019
James B. Boyer, 1961 BSEE, Zanesville, Ohio, Sept. 27, 2019
Stanley B. Brinser, 1961 BSME, New Cumberland, Pennsylvania, Oct. 2, 2019
Richard H. Forst, 1961 BSEE, Bryan, Texas, Nov. 21, 2019
Milo G. Raub, 1961 BSRE, Platt City, Missouri, May 31, 2019
Fredric M. Brasher, 1962 BSME, Indianapolis, Indiana, Oct. 17, 2019
Paul R. Dykstra, 1963 BSEE, Zeeland, Michigan, Sept. 3, 2019
Barry M. Mergenthaler, 1963 BSEE, Lawrenceville, Georgia, Dec. 7, 2018
Robert B. Lauck, 1964 BSME, Visalia, California, Oct. 20, 2018
James R. Rosenmerkel, 1964 BSCE, Waukesha, Wisconsin, July 4, 2019

John W. Schulke, 1964 BSEE, Fort Myers, Florida, Sept. 1, 2019
Robert Raymond Lothery, 1965 BSBA, Toledo, Ohio, Oct. 7, 2019
Eugene E. Mallar, 1965 BSEE, Raleigh, North Carolina, Sept. 19, 2019
Richard W. Garlick, 1966 BSME, Clearwater, Florida, Sept. 20, 2019
James E. Gibson, 1968 BSAE, Rocky Mount, North Carolina, Nov. 5, 2019
Gary E. Yarger, 1968 BSME, Fort Wayne, Indiana, July 5, 2019
Wesley F. Hamilton, 1969 BSME, Lancaster, Pennsylvania, Aug. 4, 2019
Joseph I. Miller, 1969 BSME, Guilford, Indiana, May 6, 2019

1970s

John T. Crane, 1970 GBUS, Buffalo, New York, Oct. 7, 2019
Gerald D. Bennett, 1972 BSBA, LaPorte, Indiana, July 30, 2019
Jerry L. Hoover, 1973 BSCE, New Carlisle, Indiana, Nov. 17, 2019
Glenn O. Christen, 1975 BSME, Williamsfield, Ohio, Aug. 20, 2019

1980s

Jeffrey J. Brennan, 1989 BSME, Fort Wayne, Indiana, July 13, 2019

1990s

Teresa I. Knight, 1991/1998 BA/BSBA, Angola, Indiana, Aug. 26, 2019

2010s

Brenda K. Geiger, 2018 BSBA, Fort Wayne, Indiana, Sept. 5, 2019

Professor emeritus Wagner passes away



Professor emeritus David E. Wagner, 68, passed away peacefully surrounded by his loving family on June 22, 2019, at Parkview Hospital in LaGrange, Indiana.

Prof. Wagner was born May 26, 1951, in Toledo, Ohio, where he attended school St. Pius X Grade School and St. Francis DeSales High School. He graduated from the University of Toledo in engineering, and pursued and completed his master's degree at Eastern Michigan University.

His engineering career led him to work in Toledo at Libby Glass, Dunbar Mechanical and Teledyne CAE. In 1990, he began to share his knowledge of engineering technology as the chair of Mechanical Engineering Technology at Owens Community College. In 1997, he transferred to Trine University as an associate professor of Engineering Technology. He also coached baseball and football. In 1999 and 2004, he received the Excellence in Teaching Award in Engineering Technology from the university, and in 2011, he was named professor emeritus.

He is survived by his wife of 47 years, Marilyn, sons Joshua (Stacey) and Ryan (Stacy) Wagner, and multiple siblings and grandchildren. ■

IN MEMORIAM

Trine mourns passing of Dr. Gemlick

Trine University mourned the death of Brett Gemlick, M.D., a longtime friend of the university, along with many in the community.

Dr. Gemlick died Oct. 9, 2019, at age 50.

Dr. Gemlick was a member of Trine University's Health Sciences Advisory Board, assisting in accreditation review on topics related to orthopedics, and had been the university's orthopedic surgeon since 2000. He served as medical director of Trine's Master of Physician Studies program in 2018 and was on the university's Board of Trustees from 2004-2008.

He was a lead donor toward the SportONE/Parkview softball field on the Trine University campus, and threw the first pitch at the dedication of that facility.

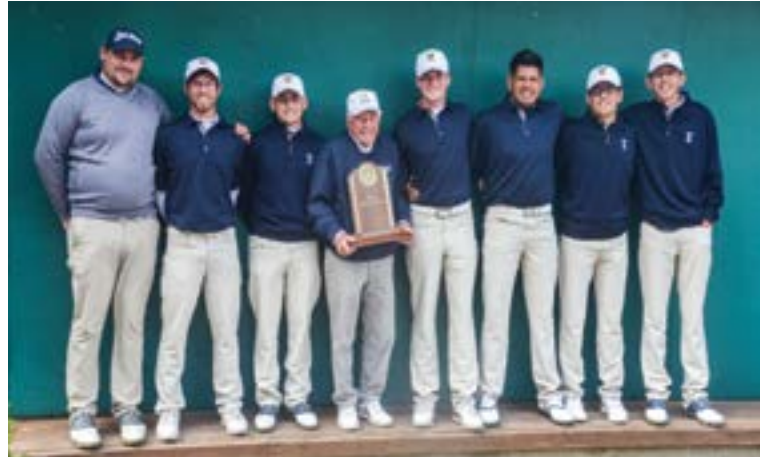
A Fort Wayne native, Dr. Gemlick first became interested in orthopedic medicine as a freshman at Snider High School, when he went to work with his neighbor, an orthopaedic surgeon for Ortho NorthEast. He graduated first in his medical school class from The Ohio State University and joined Ortho NorthEast in 2000 as a specialist in sports medicine.

In 2018, Dr. Gemlick received the "Man of the Year" honor from the Leukemia & Lymphoma Society after he raised a record \$163,000 for the nonprofit organization.

He is survived by his wife of 27 years, Beth, and their three children, Connor, Emma and Graham. ■



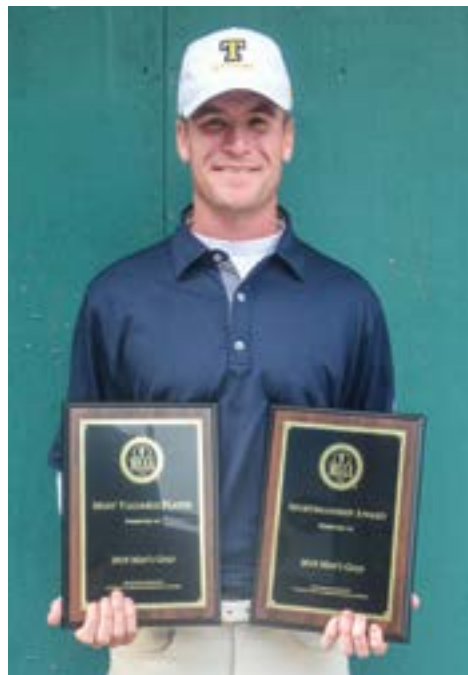
Men's golf captures first MIAA title



From left, Zach Frane, Nick Knowlton, Todd Mieske, Bill SanGiacomo, Grant Brettbacher, Carlos Coeto, Mitch Lowney, Cameron Ruge

The Trine men's golf team capped a standout fall season by capturing its first Michigan Intercollegiate Athletic Association (MIAA) championship since joining the conference. Trine led in the overall conference standings after the very first MIAA event of the season and finished with an overall total of 1,757 strokes to average a team score of 292.8 strokes per event, almost nine strokes per round better than second place.

Individually, senior Grant Brettbacher finished as the individual MIAA champion after posting the lowest cumulative score over six rounds, averaging 72.3 strokes per round. He went on to earn first-team All-MIAA honors and was selected MIAA "Most Valuable Golfer." Brettbacher also earned the MIAA "Sportsmanship Award," becoming the first player in MIAA history to earn both awards.



Grant Brettbacher

In addition to Brettbacher, senior Carlos Coeto and freshman Mitch Lowry earned All-MIAA honors as first-team selections and junior Cameron Ruge garnered second-team All-MIAA accolades.

As MIAA Champions, Trine will serve as the host of the final two rounds of the 2020 MIAA NCAA Spring Qualifier. The winner of the tournament will receive the conference's automatic bid to the NCAA Division III Men's Golf National Tournament.

Bultemeyer 8th at cross country nationals

The women's cross country team had one of its best seasons since joining the NCAA, highlighted by a second-place finish at the MIAA Championship, the highest ever at the conference meet. Trine was led all year by Evie Bultemeyer, who finished as the top overall individual runner in four meets, including the NCAA Division III Great Lakes Regional.

Bultemeyer's marks at the Calvin Invitational (21:29.0), followed by the Inter-Regional Rumble (20:56.1) were school records. For her performance in the MIAA Championship, she earned first-team All-Conference honors and was named the MIAA "Most Valuable Runner." Bultemeyer continued to add to her list of awards following the regional meet, earning Great Lakes Region "Athlete of the Year" from the USTFCCCA. By winning the Great Lakes Regional, Bultemeyer earned an automatic spot in the NCAA Division III National Meet, where she finished eighth out of 277 total runners to earn her first All-American honor in cross country.



Evie Bultemeyer

Triathlon 2nd at nationals

The women's triathlon team finished second at the Women's Collegiate Triathlon National Championship for the second time in the program's three-year history at Trine.



Amira Faulkner

Individually, freshman Amira Faulkner finished second overall at the national championship meet with an overall cumulative time of 1:11:27. Faulkner led the Thunder all season, finishing as the top overall competitor among Division III athletes at the Central Regional Qualifier and among the top three at the East Regional Qualifier. She garnered honors as the top finishing freshman at both events as well as All-Region accolades.

In addition to Faulkner, fellow freshman Ali Smith had an impressive first season, highlighted by a fifth-place finish at the national championship meet. Smith finished with a cumulative time of 1:14:01 at nationals and was consistently in the top placers among the team all season.



Ali Smith



Volleyball achieves multiple milestones

Three members of the Trine University women's volleyball team reached significant career milestones during a season that saw the Thunder get the program's first win in the MIAA tournament.



Lindsey DeCamp

Junior Lindsey DeCamp achieved the first milestone against Anderson University, surpassing 1,000 career digs. The defensive specialist spent most of the season as the team's libero, producing a team-high 477 digs and 63 service aces.

The next milestone came Oct. 27 when junior Jacqueline Baughman earned her 1,000th career assist in a win over Bluffton University. The match marked the 15th win of the season for the team, already the most since 2014.

Baughman finished the season with 1,101 assists, a single-season record for the Thunder program in the NCAA. She went on to be rewarded with a spot on the All-MIAA first team. She was also named a Second Team Academic All-American for her accomplishments on the court and in the classroom.

The final milestone came in the final game of the regular season, when junior Madison Munger picked up her 1,000th career kill, becoming just the sixth in Trine history to do so. She finished the year with 541 kills, the highest single-season tally since the Thunder joined the NCAA and the second-highest all-time. She was named to the All-MIAA first team.

The Thunder finished the regular season 17-12 with a 5-2 record in the MIAA, coming in tied for third in the standings and earning a berth to the MIAA Tournament. They came away with a four-set victory in the first round.



Madison Munger



Jacqueline Baughman (#9)

season recaps

Men's cross country 2nd in MIAA

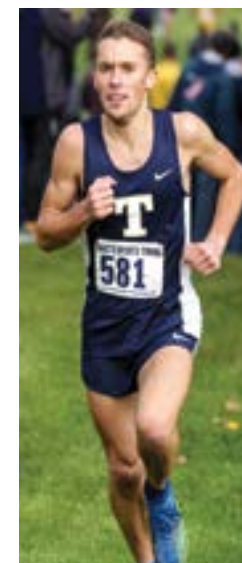
The men's cross country team recorded its highest finish in the MIAA championship at second place and had five runners place in the top 15, including three in the top 10. Senior Villis Vuskalns and juniors Jack Beakas and Neil O'Brien claimed seventh through ninth place. Junior Derek Miller finished 12th and fellow junior Levi Neuzerling placed 15th. All five garnered All-MIAA honors with Vuskalns and Beakas earning first-team honors, while Miller, Neuzerling and O'Brien earned second-team accolades.

The men went on to finish fifth at the NCAA Division III Great Lakes Regional with Beakas, Neuzerling and Vuskalns finishing in the top 25. Beakas posted the top time of the trio at 24:27.8, which put him in 10th among a field of 255 total runners. Neuzerling and Vuskalns finished back-to-back to claim 22nd and 23rd place with marks of 24:40.1 and 24:41.3, respectively. Beakas and Neuzerling received at-large bids to compete in the NCAA Division III National Meet.

Earlier in the season, the men cracked the national rankings for the first time since Trine joined the NCAA. The Thunder were also consistently ranked in NCAA Great Lakes Region polls.



Villis Vuskalns



Derek Miller



Neil O'Brien



Levi Neuzerling



Jack Beakas

season recaps

Women’s golf strong in fall competition

The women’s golf team recorded a solid 2019 fall season that saw the Thunder finish fourth overall in the final MIAA standings. As a result, Trine will earn a spot in the conference’s spring automatic qualifier.



Lyndsey Welper

The Thunder were led by the duo of senior Lyndsey Welper and sophomore Jenna Doumont. Welper shot an average of 82.1 strokes per round, and Doumont 83.6 strokes. In the first event of the season, Welper carded a career-low 72 at the Trine Kickoff Classic to finish as individual medalist. Doumont’s lowest round of the year came at the first MIAA “Jamboree” event of the season, during which she tied her career low of 77 strokes en route to placing third individually in the event. Her effort helped lead Trine to a fourth-place team finish.

Doumont and Welper went on to be selected to the All-MIAA second team at the end of the fall season, the first Trine players to earn All-Conference since 2016-17.



Jenna Doumont



Football finishes .500

The Trine University football team started the season strong, going 3-0 to start the season and extending their regular season win streak to 23. The Thunder then entered MIAA play and ran into a tough slate of competition, dropping their next three. They went on to finish the season 5-5, sixth in the MIAA.

Five members were named to All-MIAA Teams for their individual efforts. Senior Simeon Washington finished as the lone first-team representative as a linebacker. Seniors Seth Boggs, Noah Routson and Mason McFarland were joined by sophomore Damian Bowker on the second team.

Washington finished the season leading the team for the third straight year with 59 tackles.



Simeon Washington



Seth Boggs



Noah Routson



Mason McFarland



Damian Bowker



Men’s soccer qualifies for MIAA tourney

The Trine University men’s soccer team started the year strong before hitting a lull in the middle of the season. The Thunder ended up with a 6-10 overall record while going 2-5 in the MIAA. A win in the final regular season contest gave the Thunder the tiebreakers to earn a spot in the MIAA Tournament as the sixth seed.

Senior Nooh Aljabaly earned the lone postseason award for the team, being named to the All-MIAA second team. Aljabaly led the way offensively for Trine with 20 points, including seven goals and six assists.



Nooh Aljabaly

season recaps

New coach leads women's soccer

Gary Boughton was named the new head coach of the women’s soccer team in January 2019 and took the reins this season. The Thunder ended 4-8-3 while going 1-5-2 in the MIAA portion of the schedule, finishing seventh.

Senior Marisa Robinett picked up the lone end-of-year honor as she was named to the 2019 All-MIAA second team as a defensive player. She led the team with five assists and finished her career as the leader in the category for the program since joining the NCAA.



Gary Boughton



Marisa Robinett

HORSTMANN IS TRINE'S FIRST ACROBATICS AND TUMBLING COACH

Trine has named Katelyn Horstmann as inaugural head coach of the Thunder acrobatics and tumbling program.

Horstmann spent the last four years as a member of the highly successful Baylor University acrobatics and tumbling program, where she and her teammates captured four national championships.

In addition, Horstmann has served in multiple coaching roles. For three summers, she served

as a camp head coach during Baylor's acrobatics and tumbling camps. Horstmann also has served as a camp organizer for East Texas Baptist University, where she trained collegiate athletes in the basics of acrobatics techniques to prepare them to safely assist in instructing campers.

The Thunder will begin competition during the 2021 season. ■



Katelyn Horstmann

THUNDER ESPORTS THRIVING IN NEW CONFERENCE

With a new director and a new conference, the Trine University esports team is continuing to grow and excel.

Now numbering more than 100 student-athletes, Trine esports was 24-10 this fall in the newly formed Great Lakes Esports Conference (GLEC). In addition to Trine, the conference includes Defiance College, Lourdes University, Marietta College, University of Mount Union, Mount Vernon Nazarene University, Muskingum University, Ohio Northern University and Tiffin University.

"I've enjoyed getting to know the different directors of the schools in our area," said Travis Isbell, Trine's new director of esports. "I think we are going to become one of the premier esports leagues in the country."

The Thunder Overwatch team has the league's only perfect record at 9-0. Trine's League of Legends is 6-2, while Counterstrike is 6-3 and Rocket League is 3-5.

In addition, Trine Esports has had success in tournaments outside of conference play. Trine's Overwatch team was one of three tied for second at the Western Michigan invitational, where they won two matches and lost one.

Isbell said Noah Harrell ("Ghostdog") on the Overwatch team has been a standout for Trine this fall.

"With the advent of a new coach and a new style of play, he stepped up from the start," said Isbell. "He has been instrumental in influencing the culture and helping out with younger players in need of development."

Isbell served most recently as director of esports at Kansas Wesleyan University before coming to Trine, where he rebuilt the program from scratch. He has also served as an esports program director for St. Thomas (Fla.) University.

Outside of the collegiate ranks, Isbell has served as interim head coach for Frostbite Gaming and had a successful



Travis Isbell

gaming career that included a stint as a professional in Korea. He also was invited to be a part of the 2019 ESPN Collegiate Esports Championship. ■

SPRING CONCERT SERIES



T. FURTH CENTER
FOR PERFORMING ARTS
RYAN CONCERT HALL

GORDON LIGHTFOOT

THE LETTERMEN

MERSEY BEATLES

(RESCHEDULED)

APRIL 2

APRIL 17

MAY 16

ON SALE NOW AT
trine.edu/furth
or call 260-665-4990

SAVE THE DATE
2020 COMMENCEMENT
MAY 2, 2020

10 A.M. • KEITH E. BUSSE/STEEL DYNAMICS INC.
ATHLETIC AND RECREATION CENTER (ARC)

PLEASE VISIT TRINE.EDU/COMMENCEMENT FOR MORE DETAILS





One University Avenue
Angola, Indiana 46703

Change Service Requested

Scholarship Gala

Feb. 8, 2020



Keynote speaker
Isiah Thomas
Former Indiana
University point
guard and 12-time
NBA All-Star

Live music, silent and live auctions
6 p.m. • Cash bar and wine tasting
7 p.m. • Dinner

Keith E. Busse/Steel Dynamics
Athletic and Recreation Center

Please RSVP by Jan. 27, 2020 • Tickets – couple \$200, single \$100

trine.edu/gala