# Penn Collegee

TECHNOLOGY AND TRADITION MEET IN BREWING AND FERMENTATION SCIENCE

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**Penn College Magazine**, a publication of Pennsylvania College of Technology, is dedicated to sharing the educational development, goals and achievements of Penn College students, employees and alumni with one another and with the greater community.

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Nationally recognized brewing expert Tim Yarrington teaches the modern science of an age-old craft in the college's brewing and fermentation science major.



#### **The Wildcat's Changing Face** We take a look at the evolution of the Wildcat, a steadfast symbol since intercollegiate

a steadtast symbol since intercollegiate sports began at Penn College predecessor Williamsport Area Community College in 1966.



#### The Sky's No Limit

Using the power of the atmosphere, glider pilot Michael R. Robison, a Penn College aviation instructor, soars among world-class competitors.



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#### CAMPUS NEWS

#### Student designs 'Bat Survival Kit' in Japan



Dwight D. Alexander, a Penn College industrial design student from Umatilla, Florida, was one of 20 scholars worldwide to participate in a four-day workshop at the Kobe University International Innovation Design School in Japan. The program required participants to design an

innovative product and evaluate how it will enhance society.

The students employed the "metaphor method," considering attributes from existing things to solve their design problem. Alexander's group derived inspiration from bats in creating the Bat Survival Kit, a Swiss Army knife-type device, incorporating a water-purifying straw and a camera.

"The camera had propellers. You could throw it in the air and it would give you a 360-degree view of what's around you while it's slowly coming down. You could control it via your smartphone," Alexander said.



The specialized properties of one of the world's most popular construction materials will be conveyed in a new major – concrete science technology – to begin in Fall 2018. It is the only program of its kind on the East Coast.

Career opportunities include quality control specialist, highway inspector, research and development technician, decorative concrete specialist, and structural engineer.



In keeping with its mission, Penn College renovated its radiography suite to install digital imaging equipment. The change prepares students to use the same technology that hospitals nationwide are using or soon will.

The new technology, which produces digital images rather than films, allows X-ray images to be shared more easily among health care providers and has the potential to reduce radiation exposure for patients.

#### CAMPUS NEWS



During Fall Career Fair, Sidney C. Trunzo (left), of Williamsport, a plastics and polymer engineering technology student, meets with James Figaniak (center) and Rafael Delgado, a 2003 Penn College graduate, of Infinity LTL Engineered Compounds.

Representing all economic sectors, 237 employers – including 19 Fortune 500 companies – recruited students at the college's Fall Career Fair. The employers offered approximately 3,180 jobs and internships.

"The employers are looking for students who are technically skilled and prepared to enter today's workforce," said Erin S. Shultz, coordinator of career development at the college. "Those are our students. That's why we have a record number of employers recruiting our students. And that's why our students enjoy a 96 percent placement rate."

"A lot of people are afraid of not finding employment. I'm afraid of deciding on where I actually want to work," said Logan B. Goodhart, a senior in manufacturing engineering technology. "There are almost too many opportunities. Not a bad problem to have!"

The day after the Career Fair, 27 employers remained on campus and interviewed 255 students for positions.

#### New degrees prepare innovators

Innovation, identified as vital to the nation's economic growth and to improving quality of life, is the focus of two new bachelor's degrees.

Applied innovation was launched in Fall 2017, and an entrepreneurial innovation major will start in Fall 2018.

In both degrees, students will gain hands-on experience as they develop meaningfully unique ideas, write a business plan, submit a provisional patent and learn to use sales-forecasting tools.

The college expects to see many students graduate with patent-worthy innovations.

The Bachelor of Science in applied innovation is designed as a "two-plus-two" major, so students who hold an associate degree may apply those credits to the bachelor's degree.

The Bachelor of Science in entrepreneurial innovation is a four-year major that provides a strong background in management, marketing, accounting, finance and business law.



#### CAMPUS NEWS

#### Professor designs virtual adviser

Jeff L. Rankinen, associate professor of electronics, was part of a team that earned \$15,000 to develop a "virtual adviser" as part of the Penn State EdTech Network's Nittany Watson Challenge.

Rankinen's team produced "AI Assisted PSU IST Helper," also known as "Leo." The system is programmed to answer common student questions directed at faculty advisers and facilitate appointment scheduling if it can't adequately respond to a query. Leo grows smarter with each question.

Rankinen's team consisted of two Penn State students, as well as Matt Dalesio, business intelligence developer for Penn State World Campus, who earned a Penn College bachelor's degree in electronics engineering technology in 2008.



Penn College plastics and polymer engineering technology student Yahya S. Rumaili, right, designed and produced the plastic enclosure for the virtual adviser system proposed by electronics faculty member Jeff L. Rankinen, left, and his group as part of the Penn State EdTech Network's Nittany Watson Challenge.

#### Commerce Department invests in welding



Welding and fabrication engineering technology student Stone D. Skinkle-Howard, of Missouri City, Texas, reinforces theory with hands-on practice.

The U.S. Department of Commerce has recognized Pennsylvania College of Technology's vital contribution to the skilled workforce with a \$2 million grant earmarked for expanding the college's Avco-Lycoming Metal Trades Center.

The Economic Development Administration grant, combined with a \$3 million match from the college, will approximately double the size of welding instructional space and support an additional 60 students annually. There are about 350 welding students at Penn College.



Floor plan for expanded Avco-Lycoming Metal Trades Center

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#### PENN COLLEGE FAMILY

RENE RAMIREZ, of Venezuela, was one of 40 international students at Penn College in Fall 2017. He graduated in December with a bachelor's degree in nursing. Like his older sister who also received a Penn College nursing degree and is now a nurse in Alaska, he hopes his career will allow him to see other parts of the world, as well. Having completed a study abroad trip with four fellow nursing students in October, he's well on his way.

#### THE CENTRAL PENNSYLVANIA LIFE:

"People here are really open to you about your culture, and they're willing to teach you. I'm still trying to learn to eat peanut butter."

#### FAVORITE AMERICAN FOOD?

"I love that you guys put gravy on mashed potatoes; that makes it so much better!"

# WHAT EXCITES HIM ABOUT PENN COLLEGE:

"The amount of technology everywhere. From the chemistry lab to now the nursing labs, where you have a (mannequin) that will cough and die and come back. It's just really amazing and nothing I had seen before."

See more "Penn College Family" profiles at **family.pct.edu**.

#### SPORTS REPLAY



#### Women's soccer

For the first time in program history, the Wildcats reached the North Eastern Athletic Conference championship game. Penn College won both of its playoff games in shootouts en route to the title game, before falling to Penn State Berks 4-0.

Seven Penn College players earned All-NEAC honors: **Ashley Donat, Jane Herman** and **Francesca Timpone** were named to the Second Team, while **Hailee Hartman, Breica Beck, Dominique Brown** and **Taylor Gonzales** earned Third Team honors.

Donat and Hartman led the team with 31 points each. Hartman finished her career as the program's all-time leader in points (90) and goals (34).



#### Men's soccer

In another first, the men's soccer team reached the NEAC playoffs, advancing to the semifinals – following a shootout win in the first round – before bowing to eventual champions Penn State Abington.

**Malcolm Kane** became the first player in program history to earn an All-NEAC First Team honor when he was chosen as the top goalie in the conference. Kane led the conference in save percentage and shutouts.

Austin Dowrick led the Wildcats with 17 points on eight goals and one assist.



#### SPORTS REPLAY

#### Hall of Fame inducts 2017 class

Penn College inducted four former student-athletes into its 2017 Hall of Fame class.

**Steven D. Bull, '08**, was a member of the men's soccer team from 2006-08 and helped the team to a combined 43-4-2 mark in that span, which included 29 straight wins and three Penn State University Athletic Conference championships. Bull, who earned a bachelor's degree in manufacturing engineering technology, was a United States Collegiate Athletic Association All-America honorable mention selection and was named to the USCAA All-Academic team.

**William J. DeAngelo, '12,** helped the men's soccer team go 57-18-3 from 2008-11, which included three PSUAC Championships and one runner-up finish. A graduate of the automotive technology management major, DeAngelo earned USCAA All-America honorable mention honors in 2011 and was a fourtime USCAA All-Academic selection.

**Zachary M. Plannick, '11,** was a four-time archery All-American from 2008-11 and a member of the outdoor men's compound national championship team in 2008, mixed compound national championship team in 2009, and finished second individually nationally in the male compound in both 2010 and 2011. During his four years, the Wildcats placed second in the nation twice, third once and fourth once. Following the 2009 season, Plannick – an alumnus of the manufacturing engineering technology major – was chosen as a member of the U.S. team that competed at the World University Games in Serbia.

**LeRoy Joiner, '11,** led the men's basketball team in scoring during his three seasons and finished with 1,620 points, which ranks No. 2 on the alltime Penn College scoring list. During his freshman season, the Wildcats went 18-12, setting a program single-season win record, and reached the Penn State University Athletic Conference quarterfinals. Penn College teams finished second in the PSUAC the following two seasons. Joiner, who earned an associate degree in individual studies, capped his career by being named to the USCAA Division II All-America First Team for the third time – the most in program history.



Worthy of a Wildcat roar is this Hall of Fame gathering: from left, Steven D. Bull, Zachary M. Plannick, Penn College President Davie Jane Gilmour, LeRoy Joiner, William J. DeAngelo and Athletics Director John D. Vandevere.

#### Athletics launches new website

Fans of Penn College Athletics have a new and improved source for information at **pctwildcats.com**.

The site, provided by Sidearm Sports, features the same content that fans have enjoyed in the past, with schedules, results and rosters of Penn College's 15 intercollegiate programs along with live stats, enhanced player biographies – featuring season and career



statistics – and team all-time record books.

New are larger images, a scrolling scoreboard/ schedule, a real-time social media feed and a monthly "Player Spotlight."

#### Former Wildcat to play in Europe

Former men's basketball player Erik Eichinger, of Villanova, is headed to Ireland to play professional basketball for Eanna Basketball Club in Ireland's Super League, and will attend the Dublin School of Business on a full scholarship. Eichinger averaged 13.4 points for the Wildcats during his senior season last year.

The Sky's No Limit

ELENSA

Aviation instructor sails to World Gliding Championships

Michael Robison, instructor of aviation at Penn College, took his first glider flying lesson at age 18. Since then, the U.S. Soaring Team member has logged 2,500 hours.

ichael Robison had mowed enough neighborhood lawns to stuff his jeans pockets with cash. The recent high school graduate's hard-earned "wealth" would pay for an elusive experience. The aviation-obsessed teen was going to soar.

His destination was a nearby, worldrenowned gliderport, offering the opportunity to fly with the hawks above Bald Eagle Ridge. He hoped to pay for a ride on one of the sailplanes scattered about.

Anticipation turned to dejection and dejection to inspiration.

He learned that no rides were being offered that day. Before walking away, the young man noticed that the price for a glider flying lesson was comparable to a one-time ride. The discovery led Robison to an avocation that would transport him across the globe.

Twenty years later, Robison crouches before a panel of countless switches inside a Boeing 727, permanently parked at Pennsylvania College of Technology's Lumley Aviation Center. He's surrounded by a handful of eager aviation technology students who are learning the electrical system on the FedEx-donated aircraft. The students dutifully follow his instructions to activate the plane's engines, resulting in satisfied smiles and a deafening roar.

Robison feels at home in the cramped and noisy cockpit, just like he does in the solitude and silence of his glider. The fulltime college instructor is a competitive sailplane pilot.

"Gliding is definitely a passion of mine. It's hard to go through a day without thinking about it. It's neat to talk about," Robison said.

He does more than talk. Robison has logged 2,500-plus hours piloting sailplanes throughout the world, from central Pennsylvania to eastern Europe to south of the equator. His performance at national competitions led to a spot on the U.S. Soaring Team and participation at two world championships.

"It's **amazing** on some days how

powerful

## the atmosphere can be."

"I've been pretty lucky over the course of my soaring career to be mentored by some high-class pilots, both at the gliderport where I learned to fly and the competition circuit," he said.

Mark D. Maughmer, professor of aerospace engineering at Penn State and noted glider pilot and designer, was one of those mentors.

"Mike is one of the good ones," Maughmer said. "A good pilot is one who does risk management and risk assessment in a conscientious way. Mike is exceptional at that. He is very well-liked and respected in the glider community."

Growing up, Robison wanted to emulate his uncle and become a Navy fighter pilot. Colorblindness extinguished that hope. He turned to constructing and flying model airplanes before discovering gliding.

The Ridge Soaring Gliderport was just a few miles from his State College home. Situated at the base of Bald Eagle Ridge, part of a chain of ridges stretching to Tennessee, the location hosts pilots from throughout the world.

Soaring is a delicate balance between gravity and atmospheric conditions. As a glider moves through the air, gravity pulls it downward. Air mass, rising faster than a sailplane descends, keeps the aircraft

afloat. The narrow mountain ridges accenting central Pennsylvania's landscape are perpendicular to the prevailing wind and serve as nature's trampoline, helping the air to rise.

"It's amazing on some days how powerful the atmosphere can be," Robison said. "You can fly a couple hundred feet above the mountains at speeds around 130 miles per hour and cover a long distance in a short period of time, all with no motor. It's pretty cool."

It's also challenging, a reality demonstrated by Robison when he returns to Ridge Soaring Gliderport for an early afternoon flight. The blue sky is an inviting destination for his borrowed Germandesigned, two-seat glider. Robison inspects the sailplane's exterior - made of a carbon fiber composite - and its long, narrow wings. He straps a parachute on his back and slips into the skinny cockpit.

Most sailplanes are towed by a powered aircraft and set free at about 2,000 feet. Robison can skip that step. His glider is equipped with a 70-horsepower, two-cycle engine, which allows for a quick takeoff.

Approaching 2,000 feet, Robison turns off the engine. He tilts the sailplane's nose and wings up and down with a control stick located between his extended legs. He directs the aircraft left or right via  $\gg$ 



foot pedals connected to the rudder. He monitors gauges for altitude, air speed and vertical speed. He is an engaged pilot.

The lone sound is generated by wind rushing through a slightly opened side vent. The glider's transparent bubble canopy facilitates an essential bird's-eye view of the surroundings. Robison is on the lookout for a puffy cloud – the product of rising air – for an altitude boost.

"You can be back on the ground in 10 minutes if the weather is not good or your skill level isn't up to par to keep you up," he said. "My longest flight is over 12 hours."

Robison piloted his first sailplane just days after discovering the availability of flying lessons at the gliderport. He obtained his glider pilot's license several weeks later, prior to his freshman year at Penn State. An earth and mineral sciences major, he became president of the university's soaring club, "occasionally" missing class to fly near and above campus. Following graduation, Robison moved to New York City and conducted contamination assessments at ground zero. But on the weekends and during vacations, he found himself back at the gliderport, soaring and assisting with facility maintenance.

Eventually, he traded city skyscrapers for Pennsylvania mountains for good. Robison moved back home, earned his Airframe and Powerplant Maintenance Certificate at Penn College and opened a glider-repair business. He ran the enterprise for several years before his part-time teaching position at the college became full time in 2011.

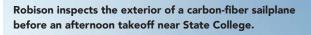
"It's hard not to like teaching here if you're really into aircraft as much as I have been my whole life," he said. "The facilities are fantastic. It's been a lot of fun. It's neat to see the students make the connections and start to have a passion for aviation."

Brett A. Reasner, dean of Penn College's School of Transportation & Natural Resources Technologies, appreciates the passion and expertise Robison exudes in the classroom.

"The firsthand knowledge Mike has as a glider pilot helps in his aerodynamics and cockpit instrumentation classes, and he also helps the students have a better understanding of another segment in the aviation industry," Reasner said. "He is a student-centered faculty member who truly wants his students to be the best technicians."

During college breaks, Robison usually competes in a few gliding competitions, whether they be near his home, in California or New York. At the U.S. Nationals, he's posted two second-place finishes in the Open Class (maximum weight of 850 kilograms, or 1,873 pounds). Those performances led to a spot on the U.S. Soaring Team for the 2016 World Gliding Championships in Lithuania and the 2017 event in Australia.

"I've had two once-in-a-lifetime experiences," he said with a smile.





Unloaded from its trailer, the aircraft is prepped to soar with the hawks over central Pennsylvania's Bald Eagle Ridge.



Soar with Robison at magazine.pct.edu/ts

The father of two said those experiences wouldn't have occurred without the support of his wife because the world competition is an all-consuming commitment. Months of preparation end with disassembling the glider and shipping it overseas to be reassembled on-site. After several days of practice, the glider pilots spend two weeks competing against one another. Every day, they earn points based on their speed around a challenging course. The pilot accumulating the most points is declared world champion.

Robison finished seventh in Lithuania and in the bottom third in Australia. He believes unfamiliarity with the borrowed glider used in Australia contributed to that placement.

"The difference between first place and 20th place is pretty small," he said. "I learned a lot and would love to go back and do it again, mostly for the reason that I think I can do better."

He'll get his chance in late July. Robison will compete at the 2018 World Gliding Championships in the Czech Republic. In other words, he'll have a third "once-in-a-lifetime experience."

"Competing is exciting, but really it's about the experience of traveling to these countries and getting to fly in their airspace," he said.

Robison's flight in his home airspace above the sun-splashed Bald Eagle Ridge proves that his genuine love for gliding exceeds his competitive spirit. He marvels at the hawk soaring to his left and is excited to spot and navigate toward that elusive puffy cloud. Emerging from the blanket of white, he is once again greeted by a sea of green coloring the central Pennsylvania landscape. The sight inspires Robison to reveal his chief motivation.

"It's just enjoyable to go up and look around," he said. "You can look out and see in all directions. The view is pretty much unparalleled. It certainly makes my world go around."

A world that fortunately includes Penn College.



# BREWING: Seriously Sciency

by Cindy Davis Meixel, writer/photo editor

"When I was young, my idea was: Whatever profession I choose, it needs to lead me to adventure."

Although his first notion was to work in nature conservation in Africa, Tim Yarrington has spent his adulthood exploring the heights and depths of brewing – and experiencing an endless array of that sought-after adventure along the way. From winning a gold medal at the Great American Beer Festival to building a brewery in Times Square, Yarrington's career has seen its share of highlights, but the day-to-day rigor and respect for his profession are what he aims to infuse into the learning process for students enrolled in Penn College's brewing and fermentation science degree.

Gliding across campus on his longboard, a long blond ponytail flowing, Yarrington appears to play the part of carefree brewer-meets-laidback instructor, but surface impressions aside, this brewmaster is serious about his science.

"Through my experiences, education and individual philosophical approach to brewing, I have developed an incredible respect for the antiquity and traditions of the craft," he said. "I strive to inspire that respect even as I engage my students in a very modern, science-driven inquiry."

Penn College's brewing and fermentation science major, offering an Associate of Applied Science degree, is the first

of its kind in Pennsylvania. It launched in Fall 2017 with 15 students utilizing industry-standard technology in an instructional space in the Hager Lifelong Education Center.

Yarrington says the college's "practical, hands-on, experiential teaching approach is what the industry is looking for."

The instructional approach is a shift from his more "cerebral" brewing education at University of California, Davis.

"The brewing industry needs more people with a solid foundational knowledge who can come in for entry-level, functional positions and make an immediate contribution," Yarrington said. "Brewers who are hiring struggle with the immense amount of time and effort it takes to train employees who have no background in the profession. Initially, new hires with no educational or experiential background in brewing are essentially a liability. So, what we're doing is producing individuals who can enter the brewer's work environment and be an immediate asset."

Graduates of Penn College's degree can take their broad range of skills into the ever-evolving craft brewing arena – estimated to be a \$22 billion industry in the U.S., according to the Brewers Association. The industry has witnessed significant growth in recent years, and that trend is expected to continue with increasing consumer demand for unique beers.

In addition to its distinctive educational approach, Yarrington believes Penn College's location in the center of Pennsylvania – a state rich in brewing history and production – positions the program for success. When a national leader in applied technology education takes on an age-old craft, the result is a major that equips students with science and technical knowledge plus hands-on know-how to enrich the craft-beer industry.

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Carefree brewer? Laidback instructor? Maybe, but Tim Yarrington is serious about his science.



A nighttime view of the brewing and fermentation science lab in the Hager Lifelong Education Center shows stainless steel brewing equipment in the foreground.

"We're surrounded by it all, from small craft breweries like Elk Creek (in Millheim, where Yarrington was the founding brewer and continues to serve as head of production) to midsize, regional brewhouses like Tröegs and Victory, to the large ones like Yuengling and Straub. Pennsylvania is home to two of America's oldest family-owned, independent breweries," he said. "Every facet of the brewing industry is represented, from the hand-crafted, artisanal process to high-volume production. It only makes sense that Pennsylvania would have the educational component, too."

Taking advantage of the nearby resources, Yarrington is engaging his students in field trip explorations of breweries, malt houses, and barley and hops fields.

"We're taking a look at breweries from the facility standpoint. We're meeting brewers and getting a chance to ask questions like, 'If you could change one thing, what would it be?' and 'What are your biggest challenges?' These outings help to inform the learning process," Yarrington said. "Students are learning not just how to make beer, but are gaining an understanding of the whole physical process and challenges of building a functional brewery, as well as the management skills needed to succeed."

For those individuals behind the scenes building the brewing and fermentation science degree at Penn College, watching the inaugural effort has been exciting and rewarding.

The idea for the major began fermenting in the college's Assessment, Research and Planning Office when Mallory Weymer, then a project and communication coordinator, was compiling reports on emerging programs based on various industry and employment trends. Weymer, now a member of the student affairs staff, finalized her report and recommendation for a brewing major in May 2015. Later, two Penn College deans – Michael J. Reed, of the School of Sciences, Humanities & Visual Communications, and Gerri F. Luke, now retired from the School of Business & Hospitality, began exploring the possibilities.

"At first, we thought the program may be more appropriate in the hospitality area, but industry experts confirmed that it needed to have a stronger science focus," Reed said.



#### What does a brewing and fermentation science student learn?

It starts at the start: Students learn about the quality of raw materials. They make laboratory analyses of water, barley, hops and yeast.

Over the next two semesters, they learn the specialized techniques that convert raw materials to chilled wort and chilled wort to packaged beer, including milling, mashing, lautering, boiling, hopping, fermenting, aging, conditioning, filtering and packaging.

Along the way, they learn about the design, construction and maintenance of industryscale brewery equipment and facilities. Internships add real-world experience.

In their final semester, students analyze quality: They learn to recognize flavor abnormalities and investigate the biochemistry that produced the "off flavor" to localize, eliminate and avoid future contaminations.

In a capstone course, students can design a recipe, produce a product and market it.



Students like Eric Tuller begin their scientific experiments by preparing a hop tea.

In addition to Yarrington, industry experts offering guidance hailed from D.G. Yuengling & Son Inc., in Pottsville, and Abita Brewing Co., based in Abita Springs, Louisiana. Penn College's own neuroscientist and home brewer Justin Ingram, assistant professor of biology, crafted the curriculum.

"Collaborating with industry experts and helping to meet a growing and sustainable demand has been an exciting process," Reed added. "I'm proud of the team, and it's wonderful to see the major and lab go from concept to reality."

Inspired by industry, the major will continue to be informed by industry while keeping in touch with tradition.

"I have always maintained an immense respect for the history and traditions associated with beer and the brewing process," Yarrington said. "Brewing has been going on for centuries. Brewing spans the globe and has influenced virtually every culture in some way. Beer has been linked to the evolution of organized society and the emergence of entire economies. Beer has brought people together throughout history. The pursuit of better beer has driven scientific discovery. Breweries have a major economic impact on every community they exist in.

"Most people agree on this: Beer is good! I want to contribute to the sustainable, healthy growth of the brewing industry by handing down to my students the technical and scientific knowledge behind brewing, while also building an appreciation for the important impact beer can have as it continues to bring people together and strengthens communities."

#### **First recruits**

Living in New Zealand, Eric J. Tuller had his sights set on working in the wine industry. Then, he fell in love with beer.

As a bartender in a brewpub, close work with the head brewer gave him the opportunity to ask a lot of questions and absorb even more information.

"Learning about what was involved initially put me off from wanting to be a brewer. It's not a very glamorous job," Tuller said. "But the more I learned, the more interested I became."

After three years in New Zealand, he returned home to Montoursville and enrolled in Penn College's brewing and fermentation science major.

"School was never my thing, and going back held zero appeal," Tuller said, but he decided to "break the cycle" of "working hospitality job after hospitality job" and secure a degree.

"Being a student in a brand-new program – especially one as exciting as this – is definitely an experience," he added. "It's compelling to be on the ground floor and have a hand in the initial foundation, because as the first class, how we approach these two years sets the precedent and impacts the future of the program. I want to see it thrive."

Joining Tuller in the inaugural course are 14 other students, ranging in age from 19 to 37. (Students must be 21 during the second year of the program, when producing alcohol.)

"I picked this major because I didn't want to do something boring," said Mark R. Kitchen, of Danville. "I grew up on a farm and know a lot about crops. I figured that'd come in handy."

Kimberly Antanitis Pauling, a former women's soccer coach at Penn College, enrolled in the major to expand her knowledge and the product line at her family's cider business, Colonel Ricketts Hard Cider Winery, near Ricketts Glen State Park in Benton.

The class includes a handful of home brewers and a few hospitality industry employees aiming to broaden their skillsets. Two students mentioned they simply wanted to "escape the cubicle" by pursuing the kinetic and tactile discipline that is brewing.

"I have developed an incredible respect for the antiquity and traditions of the craft. I strive to inspire that respect even as I engage my students in a very modern, sciencedriven inquiry."

# REBUILDING

by Daniel J. LaSota, '09, residential construction technology and management: architectural technology concentration

A helicopter lands in a Himalayan village to transport Daniel J. LaSota, '09, to his next assignment. LaSota is a project manager for Steadfast Nepal, helping to replace homes destroyed by 2015 earthquakes.

t's 7 a.m. I'm on a work assignment, enjoying a cup of chai (Himalayan tea) and a cool mountain breeze while waiting for my helicopter departure from this remote village.

As I sit here, I look up toward the highest mountain range in the world. On the trip back to the capital city, I'm in awe of the waterfalls, rivers and the Himalayan mountains as we fly over this vast, beautiful landscape called Nepal. I am so blessed, and I begin to ponder the path that led me here.

On April 25, 2015, a devastating earthquake with a magnitude of 7.8 rocked Nepal, killing more than 8,000 people and injuring over 20,000. An estimated 500,000 homes were destroyed. Many of these homes were in remote areas not easily accessible. Though I'd never had any personal connection with the country, I empathized with the people of Nepal. I knew in the weeks following the disaster that my heart was being led to Nepal, but my path began about eight years before.

During my studies at Penn College, I was involved with various international mission projects, beginning in 2006. I've had experience in the Bahamas and Europe. In 2008, I had an opportunity to go to the Philippines, obtaining college credit in international learning. After that trip, I knew that I would love to work overseas someday, but little did I know I would end up back in Asia. That was never planned on my end.

After college, I gained experience as an estimator, subcontractor and construction manager (both residential and commercial). After several years of work experience, I felt it was time to pursue going overseas, but I didn't know where and when. That's when the earthquake happened.

After six months of researching opportunities, I came to Nepal in January 2016 working as a project manager

Earthbag construction, one of several alternative building methods employed by Steadfast Nepal, is noted for its ability to endure fire, flood, wind, earthquakes and vermin.

It uses polypropylene tubes that are filled with soil – usually ordinary, sifted soil found at the construction site – to form walls that are then coated in adobe or cement plaster.

Barbed wire placed between layers helps to lock the bags together.

Simple and sustainable, it does not require special tools or machinery.

alongside an organization that was helping to build churches and homes.

Growing up, I worked with my dad, who was a framing contractor, so building homes has always been close to my heart. One of my first projects in Nepal was in a village where I helped to rebuild homes for 16 families using a sustainable technology called Earthbag construction. I lived among the villagers and started to slowly learn the language. To this day, I do not speak fluently, but I believe that love crosses all language barriers and try to make it the focus of everything I do. My previous trips to other countries allowed me to adapt. After my first six months in Nepal, I came to join an organization called Steadfast Nepal, a company started in Nepal by U.S. Steadfast Companies shortly after the earthquake to help rebuild using both traditional and alternative building methods.

Our main objective is to help provide homes for some of the most vulnerable people in Nepal. As a project manager for Steadfast Nepal, I've gotten to work on homes, schools and various other projects. One of these other projects was building a unique "dome-home" using the same Earthbag technology.

These experiences have led me to many

parts of Nepal. Whether by Jeep, dirt bike or helicopter, we try to go to where the needs are. Nepal's terrain and remoteness sometimes makes these trips very challenging. Managing project logistics can be quite challenging, as well. Two current projects are being completed with the help of 40 mules, one with additional helicopter transport.

My training and knowledge in Earthbag building also allowed me to travel to Africa for three weeks to train the nationals on this new technology. We were able to help provide the first Earthbag school to Uganda. We've trained people from Europe and India, and several hundred Nepali nationals to use this sustainable technology, as well.

Being here in Nepal has taught me about life, people and nature. I'm amazed by the beauty of this country and the resilience of its people. I never thought I would be here full time, receiving all the opportunities I have. I am using all of my work experiences, whether designing, estimating, building or project managing. My work here requires all of those skills. I feel truly blessed.

My work in Nepal also allowed me to meet my beautiful wife, whom I married in May. She is an architect. It was through our passions for building and helping people that we met, and for that I couldn't be more grateful.

"Whether by Jeep, dirt bike or helicopter, we try to go to where the needs are."

As I look back over my journey thus far, I could think about all the challenges along the way, about the language barriers, the challenging terrain, the elements of nature, the illnesses (even during writing this article, I contracted typhoid fever and was admitted to the hospital for three days), but I choose not to. The ability to help rebuild a people in time of need outweighs all of that.

I look forward to the experiences that await. I always say to myself that "an adventure that is planned for is hardly an adventure at all," so as I keep moving forward, I am excited for the many unplanned adventures ahead that I never dreamed of.



Men add soil to an Earthbag, made of polypropylene fabric that is estimated by the U.S. Highway Safety Administration to have a tensile strength greater than steel.



Daniel LaSota, '09, peers through the window of an in-progress building.



LaSota drinks tea with children in a Nepalese village.



A completed Earthbag home with traditional adobe plaster.



A unique "dome home" is among the Earthbag building projects LaSota has overseen.

#### 5 STEPS IN EARTHBAG BUILDING:

- (1) Lay foundation: 2-3 courses of gravel-filled bags atop a rubble trench.
- 2 Fill bags with soil, tamp as you fill, and stitch bags closed.
- 3 Stagger the bags like masonry and place barbed wire between layers.
- Continue adding Earthbags.
  Tamp and level each layer.
  While stacking, add formwork for windows and doors.

5 Add roof and plaster walls. SOURCE: goodearthglobal.org/earthbag-technology



In Uganda, LaSota helps locals build the nation's first Earthbag school.

# THE WILDCAT'S CHANGING FACE

Williamsport Area Community College was just a year old in 1966-67 when it fielded its first intercollegiate team, men's basketball. (It had previously been Williamsport Technical Institute.) As the season approached, a writer for the student newspaper asked a practical question: "After we start into the basketball season, how are we to be called? A fine winning team needs a name or mascot that will be adapted into the life and future of our school."

The paper's next issue, on Nov. 2, issued a challenge - with a payoff. Submit a nickname and win \$10.

The Spotlight student paper didn't reveal the winner, but a February issue noted that the "WACC Wildcats" had won their first game.

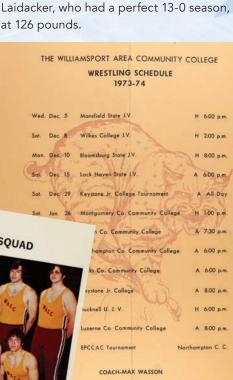
The name stuck.

**1970s** 

The face? That's a different story.

The earliest images available in the Penn College archives show an appropriately wild version, modeled after the bobcat common to the woods of northcentral Pennsylvania.





A 1973-74 wrestling schedule. That

year, the Wildcat matmen went 7-4 with

College Athletic Conference champions:

two Eastern Pennsylvania Community

Tom Reeder at 134 pounds, and Dave

ets held at the Bardo Gyr

The college band, circa 1975, used an image of a standing wildcat, rather than a crouching one, as did this WACC sweatshirt (below).

Win \$10

school

Just pick a mascot for our

school. Fill out this form and turn it in to Mrs. Nevel (across from the registration office) not later than 4:00 Nov. 7, 1966. The best name wint

Five finalist names will be picked by a committee, and the student body will vote on these. The prize will go to the first one who has turned in this name. wins. Five finalist names will



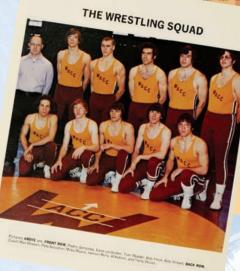
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Your

WACC MASCOT\_

Department







# ·1980s

Although WACC dropped its intercollegiate sports program at the close of the 1984-85 academic year, the wildcat remained an important symbol.



-1990s

. . .

Intercollegiate sports returned to the college - no longer called WACC, but Pennsylvania College of Technology in 1991-92 with cross-country and golf. When the first Penn College baseball team stepped to the plate in Fall 1992, it donned a new Wildcat logo.

Let the

College Builds Resident Hall Complex

in!

STUDENT PURSUES RACING CAREER

nn College gives you hance to earn credits the summer... and ave time to enjoy inshine. MAY SESSION opens May 18 JUNE SESSION

Penn

2017

The latest wildcat is, like its predecessors, a fierce bobcat, but this high-tech version is distinctively different from any you'll find in Pennsylvania's woods.



# ·····1999-2006······2006-11···









22

# ·2011-17·





# 

#### Do you know the Wildcat's name?

- a. Pride the Wildcat
- b. Victor the Wildcat
- c. Victor E. Wildcat
- d. The Wildcat

Leading up to Homecoming 2012, members of the Student Government Association and Student-Athlete Advisory Committee initiated an anonymous online poll, offering these four options. The winner captured 43 percent of the votes.

Answer: d

#### **Bush Campus Center**

"This is the place to be!"

says Joshua E. Rosenberger about CC Commons, a hub of student activity in the Bush Campus Center. The space offers ample opportunity to shoot pool (for free!), grab dinner, study or hang out with friends. And every Thursday night, there's Quizzo. CC Commons is one of 10 Penn College dining units. The favorite food in CC Commons? Cheesesteaks rule! The unit also offers popular BYO (build your own) salads, burgers, quesadillas and chef-created entrees. The busiest times in the popular space typically fall Monday through Wednesday during dinner.

Tia G. La, a pre-physician assistant student from Guam, serves as a community peer educator, a new student leadership role devoted to peer education in the areas of health and wellness, suicide and violence prevention, and diversity and inclusiveness.

niche

The Cupboard is a nonprofit food pantry providing assistance to students in need. Products include soups, sauces, pasta, cereal, peanut butter and other nonperishable food items. A survey by Dining Services found nearly 60 percent of respondents had skipped a meal at least once because they didn't have the money or resources to eat. Various student groups have gathered donations for the space, which opened in Fall 2016.

> Battle of the billiards buffs! Joshua E. Rosenberger (above), of Fayetteville, and Jesse L. Thompson (right), of Morrisdale, play pool daily. "It's about 50-50 on who wins," Thompson says. "It's a huge stress reliever and most certainly is the place to be. Even if you don't play pool, it's a great environment, and I've made a lot of friends here." Although they graduated from different high schools, they both took the college's Construction Hand and Power Tools course at their schools through the Penn College NOW program. Rosenberger is enrolled in residential construction technology and management: building construction technology concentration; Thompson is in building construction technology.

#### **EXPERT TIPS**

## How to make the perfect biscuit

These tips come from the 2017 International Grand Champion of Biscuits, Kimberly Asbury, a 2005 baking and pastry arts graduate who is pastry chef and general manager for BuzzCatz Coffee and Sweets in Orange Beach, Alabama. Her Alabama Scotch Egg Biscuits won the Biscuit Baking Competition at the International Biscuit Festival in Knoxville, Tennessee.



#### TIP 1: COLD BUTTER

"Cold butter is, for sure, the definite tip," says Asbury.

"When you put your biscuits in the oven, the first thing that happens is the butter is going to melt, and if it melts too fast while baking, it seeps out onto the tray instead of staying inside the biscuit and creating steam."

Asbury says some chefs go so far as to chop the butter and place it in the freezer before mixing their batter.

#### TIP 2: COAT IN FLOUR

"We put our butter in a small pile of flour, so when we cut it, it keeps it from sticking to our bench knives."



#### TIP 3: DON'T OVERMIX

Overworked dough becomes tough and leads to a hard and crusty biscuit bottom.

"A good Southern biscuit is soft," Asbury said. "I only mix by hand. The more tender and gentle you are to your biscuit dough, the more tender and gentle your biscuits will be."

#### TIP 4: NO SUBSTITUTES

"Butter, butter, butter," Asbury says. "No lard, no shortening, no margarine."

If you have an idea for an "Expert Tips" topic, please email magazine@pct.edu.



Kimberly Asbury and her winning Alabama Scotch Egg Biscuits (above) and glazed blueberry biscuits (right).

Find Asbury's biscuit recipe at magazine.pct.edu/pb



1989 PENNSYLVANIA COLLEGE OF TECHNOLOGY

1965 WILLIAMSPORT AREA COMMUNITY COLLEGE

1941 WILLIAMSPORT TECHNICAL INSTITUTE

# 1950s

Ivan R. DeRemer, '57, heavy construction equipment operator/ serviceman and electric and acetylene welding, retired from Carborundum Monofrax in Falconer, N.Y., after 36 years with the fused-cast refractory manufacturer. At WTI, his heavy construction equipment instructors were Clyde Brass and William Stitzel. "I remember enjoying the time spent in those classes very much," he said, recalling of Stitzel: "He had a gift of gab. He could talk anybody into anything." While a student, he rented a room above Larry's Diner for \$40 a month. He resides in Sugar Grove.

# 1960s

John R. LaMorte, '63, drafting, is retired and resides in Homer City.

#### Donald J. McTarnaghan, '66,

carpentry and building construction technology, is a project manager for JDK General Contractors in Davie, Fla., managing airport construction projects for the rental car industry. "I started doing airport construction in Vietnam in 1967 and have now worked on every international airport east of the Mississippi," he said. "I'm 72 and have no desire to retire." He resides in Inverness, Fla.

# 1970s

**Robert G. Hoffman, '70,** graphic arts, retired in 2012 after 41 years with the Reading Eagle Press, now REP Commercial Printing. He resides in Sinking Spring.

Scott Ranck, '74, carpentry and building construction technology, is a senior conservation & energy specialist for Florida Public Utilities, where he teaches builders to construct highperforming, energy-efficient homes, troubleshoots energy issues, and writes and speaks for the industry. He holds a Bachelor of Theology from Piedmont International University. He resides in Valrico, Fla.

John D. Eckert, '78, electrical construction, is a service manager for Reading Electric, where he manages 15 shop and fieldservice employees. He resides in Auburn.

#### Gary L. Spangenburg, '79,

graphic arts, is a constable serving the magisterial district judges of Lancaster County and is a security officer for Moravian Manor retirement community and nursing campuses. He is enrolled at Lancaster Bible College-Biblical Enrichment Institute.

Scott Tanner, '79, graphic arts, recently celebrated 35 years in business as the founder and owner of Ink Spot Printing in Selinsgrove.

Corinne (March) Waldman, '79, clerical studies, and her husband, **Stephen, '80**, own Steve Waldman Electric Inc. in South Williamsport, where she is also secretary and treasurer. The company also includes son **Brian, '08**, electrical occupations. Corinne and Stephen reside in Williamsport.

#### Carol L. (Woodruff) Yorks, '79,

paramedic, is retired and resides in Mill Hall.

# 1980s

#### Gerald A. Goodreau, '81,

computer information systems, is the information technology operations supervisor for Brodart Co. He resides in Jersey Shore.

#### Brian R. Bushick, '82,

electrical technology, is senior MEP (mechanical, electrical, plumbing) manager for Clark Construction Group. He resides in Alexandria, Va.

#### Lucille M. DeVore, '82,

accounting and business management, is retired and resides in Montoursville.

Glenn G. Riddell, '84, machine tool technology, is a global molding equipment subjectmatter expert for Corning Inc. He is a journeyman machinist and mold maker and holds a Bachelor of Applied Arts and Sciences from the University of North Texas. He resides in McKinney, Texas.

#### Anita (Aucker) Schlegel, '85,

clerical studies, is an administrative support specialist at Penn State. She resides in Mifflintown.

**Rolf Beckhusen, '86,** toolmaking technology, is retired and resides in Syracuse, N.Y.

Sonya L. (Lenhart) Yost, '87, secretarial office administration (medical), is a librarian and circulation manager for the Adamstown Area Library. While working in a trauma center, she received several "Gold Coin" awards for going above and beyond her job duties and received an award in 1997 from then-Pennsylvania First Lady Michele Ridge for her breast cancer awareness work. A breast cancer survivor, she walks each vear with her sons to raise awareness of the disease. She and husband, David A., '87, radiography, reside in Ephrata.

# 1990s

#### Susan L. (Lyon) Beam, '90,

individual studies, is a paraeducator at Central Mountain Middle School, where she helps in language arts classes. She resides in Mill Hall.

#### Jamie W. Foster Jr., '90,

business management, is a senior sales consultant for JanWay Co. in Cogan Station. He is a church deacon and youth leader, an Amateur Softball Association coach and the 2017-18 president of the Montoursville Kiwanis Club. He resides in Montoursville.

Michael Mensch, '91, electronics technology: biomedical, is the lead analyst: voice systems for Geisinger Medical Center. He resides in Bloomsburg.

Ryan S. Brown, '92, paramedic, is an information systems technician for the U.S. Navy. He resides in El Paso, Texas.

Andrea S. (Heintzelman) Guffey, '92, mass communications, is a regional sales assistant for Construction Specialties in Muncy. She resides in Milton.

Heidi Gummel, '93, occupational therapy assistant; '07, applied health studies, is a certified occupational therapy assistant for the Tulsa Sunshine Center. She resides in Broken Arrow, Okla.

Amy S. Hiler, '93, occupational therapy assistant, is a special education teacher for Lower Dauphin School District. She received a Bachelor of Science in special education from Millersville University in 2000 and Master of Arts in applied behavior analysis from Penn State in 2005.

#### Cindy G. (Wilkins) Rhodes, '93,

occupational therapy assistant, is a personal care aide for Caring For You, a home health care service. She resides in Williamsport.

#### **CLASS NOTES**

#### Deanna L. (Lockard) Erdley, '94,

business management, is a special education assistant for Mustang (Oklahoma) Public Schools. She resides in Yukon, Okla.

#### Krista A. (Goodrich) Hiller, '94,

accounting, is a staff accountant for Klein & Rizzo Inc. She resides in South Williamsport.

**Clint J. Wessner, '95,** electrical occupations, is an electrical technician for Hershey Foods. He resides in Tremont.

#### Rick Hendricks, '96,

manufacturing engineering technology, is an instructor of machine tool technology/ automated manufacturing at Penn College. He resides in Jersey Shore.

#### Susan (Moyer) Strout, '96,

radiography, is assistant team leader for radiology at Geisinger Shamokin Hospital, where she is in charge of the Women's Center. She resides in Selinsgrove.

**Bryan Vogle, '96,** computer aided drafting and design, is director of technical support for MiTek Industries Inc., supervising a team of 21 traveling technical support representatives and 23 help desk representatives. He resides in Sligo.

#### Christopher S. Frey, '99,

microcomputer specialist, is the technology support specialist for Muncy School District. He resides in Williamsport.

#### Shelly A. (Troy) Henninger, '99,

mass communications, is a lead systems analyst for Geisinger. She resides in Catawissa.

#### Christina M. (Drumheller) Welsh,

**'99,** human services, is an office manager for Ilsemann Corp. She resides in Bally.

# 2000s

Deborah Erdman, '00, nursing, is interim trauma program manager, outreach injury prevention coordinator and trauma education resource nurse for Geisinger Medical Center. She serves on many community and state-level committees, is a contracted speaker for MED-ED, was coauthor of a 2013 Best Research Article Award-winning piece for the Journal of Trauma Nursing. and received the American Trauma Society Pennsylvania Division Community Outreach Award in April 2012, among other awards. She resides in Bloomsburg.

**Erik C. Kuntz, '00,** landscape/ nursery technology, is the maintenance area manager for Strathmeyer Landscape in Dover. He resides in York.

Douglas W. Long, '00, physician assistant, recently received a certificate of added qualifications in cardiovascular and thoracic surgery from the National Commission on Certification of Physician Assistants. He is employed by Geisinger Wyoming Valley Medical Center in Wilkes-Barre and has worked in cardiovascular and thoracic surgery for 17 years. He resides in Mountain Top.

#### Paula E. (Lebiedziewski)

**Miernicki, '00,** occupational therapy assistant, is a certified occupational therapy assistant for North Schuylkill School District. She resides in Frackville. Charlie Baum, '01, computer information technology: data communications and networking, is principal cloud architect for Comcast. He received a Master of Business Administration in information technology management from Boise State University in 2009. He resides in Downingtown.

James Lloyd, '01, computer information technology: data communications and networking, is a vice president and principal information security analyst for BNY Mellon. He resides in Mechanicsburg.

Jason D. Martin, '01, HVAC technology, is an application engineer for Dynatech Controls in Lancaster. He resides in Harrisburg.

Sara R. (Kostek) McGrath, '01, dental hygiene, is a dental hygienist for Dr. Edward Pristernik. She resides in Downingtown.

Jason M. Yarish, '01, computer information technology: data communications and networking, is a network administrator for Fres-co System USA Inc. He resides in Allentown.

#### Diana J. (Shoemaker) Graff, '02,

business administration, is a utility person at WireRope Works Inc. in Williamsport. She resides in Linden.

#### John M. Barnickel, '03,

manufacturing engineering technology, is a manufacturing engineer for Ellicott Dredge, the world's oldest builder of mediumsized cutter suction dredges. He resides in Pasadena, Md.

#### Jared M. Comeau, '03,

automotive technology management, received a Master of Education in workforce education and development from Penn State in 2016. He teaches automotive technology at Cumberland Perry Area Vocational Technical School. He resides in Carlisle.

#### Cassandra (Church) Hendricks,

**'03,** radiography, is an MRI technologist for Geisinger Medical Center. She resides in Sunbury.

#### Sherry (Fenstermacher) Osman,

**'04,** business management, is a program administrator for Glenn O. Hawbaker Inc. She resides in Hughesville.

**Ryan P. Burke, '05,** individual studies, is employed by Diversified Treatment Alternatives. He resides in Danville.

Jason M. Lasso, '05, welding and fabrication engineering technology, is a structural welder for Flexicon Corp. He resides in Bethlehem and taught for a semester at Northampton Community College.

Ashley E. Belles, '06, computer aided product design and computer aided drafting technology, is a highway drafterdesigner for the Pennsylvania Department of Transportation. She resides in Montoursville.

**Stefanie Beskovoyne, '06,** legal assistant: paralegal studies, is the assistant city attorney for the City of Vero Beach. She received a Juris Doctor from Western Michigan University's Cooley Law School in 2009 and is licensed to practice in Florida. She resides in Port St. Lucie, Fla.

Pete Herbach, '06, heating, ventilation & air conditioning technology, is a refrigeration technician for Southern Tier Dairy. In addition to installing and maintaining refrigeration units for dairy farms, he installs and maintains dairy automation systems, including robotic milkers and calf feeders. He resides in Limestone, N.Y.

**Steven M. Kinner, '06,** electrical occupations, is an instrument and electrical technician for Williams. He resides in Alba.

Lesa C. Weaver, '06, culinary arts technology, is part of the kitchen staff at Mount Nittany Medical Center. She resides in Milesburg.

What are you up to? Tell us at magazine.pct.edu/cn, or call toll-free 877-PCT-ALUM (877-728-2586). Michael C. Weaver, '06, graphic communications management, is a in-press text apprentice for Offset Paperback Manufacturers Inc. in Dallas. He resides in Plymouth.

#### Colette (Mensch) Wintersteen,

**'06,** business administration: marketing, is a marketing specialist for UPMC Susquehanna. She received a Master of Business Administration from Capella University in 2011 and resides in Bloomsburg.

#### Becky A. (Hellmers) Ellis, '07,

business management, is a site manager for United Property Associates. She resides in Suffolk, Va.

#### Lynn R. (Davis) Hepfer,

**'07,** business administration: management, is an administrative support coordinator for Penn State. She resides in Bellefonte.

**Chris R. Varney, '07,** building construction technology: masonry, is a custodian for Bucknell University, as well as a firefighter and EMT. He resides in Lewisburg.

#### Rachel N. (McDonough) Baker,

**'08,** business management, is a financial assistant at Penn State. She resides in Avis.

Michelle Beggs, '08, early childhood education, is a teacher assistant for STEP Head Start/ The Wasp Nest. She resides in Williamsport.

#### Kimberly A. Erdman, '08,

dental hygiene: health policy and administration, is the clinical coordinator for the dental hygiene education program at Baltimore City Community College. She is membership chair for the Maryland Dental Hygienists' Association, is a forensic dental identification volunteer for U.S. Military Mortuary Affairs, has been a peer reviewer and contributing editor for several publications, and is pursuing a doctorate from Morgan State University. She resides in Baltimore.

#### Stephanie A. Haines, '08,

business administration: management, works in accounts payable for John Gross & Co., a food service distributor in Mechanicsburg. She resides in Dillsburg.

#### Ashley I. (Arvin) Knight, '08,

business administration: marketing concentration, is an analyst for Altus Group's unclaimed property services division. She resides in Baltimore.

#### Melanie L. Stump, '08,

paramedic technician, is the paramedic coordinator for Evangelical Community Hospital. She resides in Milton.

Nicole L. Woodrow, '08, applied health studies: occupational therapy assistant, is a family nurse practitioner at Canton-Potsdam Hospital in Potsdam, N.Y. She received a Master of Science in Nursing from the family nurse practitioner program at SUNY Upstate Medical University in May 2017. She resides in Gouverneur, N.Y.

#### Emily M. (Helmick) Bent, '09,

baking and pastry arts, is a baker/ cake decorator for Giant Eagle. She resides in Somerset.

# **Tyler D. Gross, '09,** engineering design technology, is a research and development product

designer for Evapco, where he designs and engineers new products for the company's Evapcold line. He resides in Hanover.

#### Brianne (Watson) Haver, '09,

dental hygiene, is a registered dental hygienist for Bay Breeze Dentistry in Portsmouth, N.H. She resides in Kittery, Maine, with husband, **Dustin**, **'09**, welding and fabrication engineering technology. He is a nondestructive tester at the Portsmouth Naval Shipyard.

#### Barton M. Hetrick Jr., '09,

aviation maintenance technology, is a senior manufacturing engineer for QorTek in Williamsport, where he resides.

#### Holly (Sheaffer) Maxwell, '09,

business administration: banking and finance, is an accountant/ administrative assistant for The Program, "It's About Change," an agency in Harrisburg that provides resources and encouragement to ex-offenders who are re-entering the community, primarily women and children, to prevent recidivism and promote productive, crime-free lives. She resides in Mifflintown.

Melissa Rake, '09, early childhood education, is an assistant group supervisor at the Danville Child Development Center. She resides in Washingtonville.

# 2010s

#### Brandon L. Group, '10, construction management; '08, architectural technology, is a project manager/estimator for T. Ross Brothers Construction in Milton. He resides in Muncy.

Jessica A. (Cobourn) Lauck, '10, technology management; '08, hospitality management, is the assistant front office manager for The Nittany Lion Inn at Penn State. She resides in State College.

Tango Marbaker, '10, dental hygiene: health policy and administration, is a field supervisor for the U.S. Census Bureau, overseeing field representatives in Bradford, Sullivan, Lycoming, Susquehanna, Wyoming and Union counties. Both of his sons are Penn College students. He resides in Canton.

**Steph L. Witmer, '10,** graphic communications technology, is a project coordinator for NuPak Printing. She holds a bachelor's degree in business. She resides in York.

#### Collin A. Zimmerman, '10,

information technology: web & applications development, is a project manager for KELL Partners, where he works with nonprofits to implement the Salesforce customer relationship management platform. He resides in Oxford, Ohio.

**Amanda M. Baker, '11,** surgical technology, is a certified surgical technologist for UPMC Susquehanna, where she is the assistant for a plastic surgeon. She resides in Watsontown.

**Donald C. Blazer II, '11,** human services, is a shipper/receiver for Five Star International. He resides in Canton.

#### Tashamonique N. (Howlett)

**Puckey, '11,** human services, owns Tasha Puckey Photography. Her work has been published twice in The Wandering Photographer magazine. She resides in Danville.

Sean J. Scully, '11, construction management, is a project manager for Whiting-Turner Contracting Co. He resides in Finksburg, Md.

Adam J. Yoder, '11, building automation technology, is an account executive for Envise, a building management systems integrator. He is pursuing a Master of Business Administration in finance from St. Joseph's University. He resides in Williamsport.

Taylor L. Donahay, '12, culinary arts technology, is a pizza and prep cook for The Stonehouse Wood-Fired Pizza and Pasteria in Williamsport, where he resides.

Josh T. Handel, '12, building construction technology, is a construction mechanic for eciConstruction. He resides in Wellsville.

Katie L. Knoop, '12, business management, is an administrative assistant for UPMC Susquehanna. She resides in South Williamsport.

#### **CLASS NOTES**

#### Andrew J. Paulhamus, '12,

accounting, is an accounts receivable clerk for Delta Galil USA. He resides in Williamsport.

#### Kelsey E. (Young) Steinmeier,

'12, graphic communications management, is an account coordinator for Martin Communications, an advertising and marketing agency in Harrisburg, where she resides.

Jace Toner, '12, aviation maintenance technology, is a helicopter technician for the Pennsylvania Army National Guard.

#### Kaila E. (Gruver) Davis, '13,

health information management, is a senior coding specialist for YES HIM Consulting. She holds the Registered Health Information Technician credential. She resides in Aldie, Va.

#### Nicole N. English, '13,

applied human services, is a therapeutic support staff member for Lycoming Therapeutic Wraparound Services, which provides mental health and behavioral health rehabilitation. She resides in South Williamsport.

Lauren L. Heiser, '13, nursing, is a registered nurse at Geisinger Medical Center. She and husband, Christian, '10, information technology: network technology emphasis, reside in Paxinos.

Jennifer L. Karchner, '13, health information technology, is an allergy technician for Northeast Ear, Nose and Throat Associates in Bloomsburg. She resides in Berwick.

#### Nicholas A. Marshall, '13,

architectural technology, is a structural designer for Borton-Lawson Engineering Inc. He resides in Danville.

#### Daniel H. Rummel, '13,

technology management; **'11,** automotive service sales and marketing, is an automotive instructor for Northumberland County Career and Technology Center. He resides in Shamokin.

Justin D. Shaner, '13, computer aided drafting technology, is a

product development technician for Construction Specialties in Muncy. He resides in Montgomery.

#### Ronald E. Taylor, '13,

automotive technology: Ford ASSET, is a fire suppression technician for General Fire Equipment Co. He resides in Quarryville.

#### Laura A. (Donnelly) Waldo, '13,

radiography, is a radiologic technologist II for Mount Nittany Medical Center. She resides in Bellefonte.

## Andrew J. Wright, '13, web design and multimedia, is a web

programmer for Penn State. He resides in State College.

#### Joshua A. Bonner, '14, web

design and multimedia; **'03,** advertising art, is director of digital marketing for Wilkes University. He received a master's degree in instructional media from Wilkes in 2016. He resides in Kingston.

#### Maggie J. (Bauman) Jenkins,

**'14,** applied human services, is a teen pregnancy prevention specialist for Centerstone of Tennessee. She resides at Fort Campbell, Ky.

Karen E. Koch, '14, health arts: practical nursing, is a licensed practical nurse for UPMC Susquehanna. She resides in Jersey Shore.

**Crystal J. Rice, '14,** graphic design, is a graphic designer for Susquehanna Valley Sportswear. She resides in Williamsport with her husband, **Joshua, '13,** plastics and polymer engineering technology. Joshua is an instructor of plastics technology at Penn College.

Janae B. (Rohrer) Rydbom, '14, occupational therapy assistant, is an occupational therapy assistant for Symbria Covenant Alliance Rehab. She resides in Lancaster.

Leah M. Aldrich, '15, surgical technology, is a surgical technologist for Ellis Hospital in Schenectady, N.Y., where she resides.

**Evan Bahrle, '15,** welding and fabrication engineering technology, is production manager in the metal, paint and machine shops for Viking Yachts. He resides in Lanoka Harbor, N.J.

#### Christopher J. Busby, '15,

information technology: technical support technology, is a payments processor for Corporation Service Co., where he manages and renews domain names for corporations. He resides in Wilmington, Del.

#### Caleb J. Dershem, '15,

electronics and computer engineering technology: robotics and automation, is a controls engineer in the airport technologies division for Jervis B. Webb Co. He resides in West Bloomfield, Mich., and is pursuing a degree in management from Indiana University East.

Lorenzo Marefka, '15, business administration: management, received a Master of Business Administration from Seton Hill University, where he is employed as an admissions counselor, in 2017. He resides in Jeannette.

#### Andrew D. Olsen, '15,

automotive technology, is a master technician for Momentum BMW in Houston. He graduated from the BMW Service Technician Education Program, which chooses the finest talent from post-secondary automotive schools and colleges across the country. He is a Level 1 master service technician. He resides in Houston.

#### Amanda A. (Dibble) Bak, '16,

nursing, is a registered nurse for UPMC Susquehanna. She resides in Williamsport.

**Clayton K. Lose, '16,** web and interactive media, is a multimedia specialist/graphic designer for Penn State. He resides in State College.

#### Jessica K. McCloskey, '16,

surgical technology, is a certified surgical technologist on the labor and delivery floor at Mount Nittany Medical Center. She resides in Bellefonte.

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#### **CLASS NOTES**

Mckenzie M. Miller, '16, welding and fabrication engineering technology, is a quality assurance technician for Metso Minerals in York. He resides in Duncannon.

**Carlos D. Pereira, '16,** diesel technician, is a diesel technician for Hunter Keystone Peterbilt and a member of the Army National Guard. He resides in Reading.

Rachel Ragan, '16, health arts: practical nursing, is a licensed practical nurse for Valley View Nursing Center. She resides in South Williamsport.

**Chelsea A. Tice, '16,** radiography, is a radiologic technologist for Ingleside Medical Associates. She resides in Kirkwood.

Andrea L. Whitley, '16, surgical technology, is a certified surgical technologist/LASIK eye surgery coordinator for Houser Newman Associates. She resides in Nesquehoning.

Jeremy Williams, '16, diesel technology, is a power generation technician for Curtis Engine in Baltimore. He resides in Westminster, Md.

**Mitchell J. Berninger, '17,** web and interactive media, is a user experience designer for Penn State. He resides in State College.

#### Jourdan R. Boehmer, '17,

health arts: practical nursing, is a licensed practical nurse for Family Practice Center. She resides in South Williamsport.

**Kyle D. Bomboy, '17,** physician assistant, is a pulmonary/critical care PA for WellSpan Health. He resides in Unityville.

Ellenee J. Clymer-Barrett, '17,

health information technology, is a claims processor for Novitas Solutions. She passed the Registered Health Information Technician exam on July 24, 2017. She resides in Jersey Shore.

Kristi L. Freezer, '17, physician assistant, is a PA for UPMC Susquehanna. She resides in Cogan Station.

#### Anthony S. Heimbach, '17,

health arts: practical nursing, is a licensed practical nurse for UPMC Susquehanna and is a human resources noncommissioned officer in the U.S. Army. He resides in Pottstown.

**Dustin Houck, '17,** surveying technology and civil engineering technology, is a surveyor for Carl Bert and Associates. He resides in Petersburg.

Emily T. Johnston, '17, health information technology, is a research associate for Health Advocate. She resides in Harleysville.

**Connor P. Keath, '17,** exercise science, is a fitness and wellness coach for Lebanon Valley Family YMCA and a coach for Lebanon Valley College's men's volleyball team. He plans to continue his education by earning a bachelor's in exercise science, focusing on cardiac rehab. He resides in Cleona.

**Derrike Kulp, '17,** applied health studies: surgical technology, is a surgical technologist for Lancaster General Health. He resides in Ephrata.

Zachary J. Pecze, '17, electronics and computer engineering technology, is an electronics engineer for QorTek Inc. He resides in Williamsport.

Rachel M. Strange, '17, health arts: practical nursing, is a licensed practical nurse for UPMC Susquehanna. She resides in Montgomery.

Payne A. Wagner, '17, aviation technology, is employed by the commonwealth as a residential service aide at the Selinsgrove Center, where he cares for adults who have intellectual disabilities. He resides in Beavertown.

## Marriages & Births

#### Donald J. McTarnaghan, '66,

carpentry and building construction technology, married Patty A. on Oct. 10, 2016. They reside in Inverness, Fla.

Jared M. Comeau, '03, automotive technology management, married Hilary Masland in July 2017. They reside in Carlisle.

Michael C. Weaver, '06, graphic communications management, married Jennifer McTague on Sept. 9, 2017. They reside in Plymouth.

Ashley I. Arvin, '08, business administration: marketing concentration, married Scott Knight in May 2016. They reside in Baltimore.

Brianne (Watson) Haver, '09, dental hygiene, and husband,

**Dustin, '09,** welding and fabrication engineering technology, welcomed daughter Kennedy on July 11, 2017. They reside in Kittery, Maine.

#### Holly (Sheaffer) Maxwell, '09,

business administration: banking and finance, and her husband, Kenneth, welcomed daughter Kenley in November 2016. They reside in Mifflintown.

#### Lori A. (Kodash) Nettles,

'11, applied health studies: occupational therapy assistant, and her husband, **Kyle**, '11, building science and sustainable design; '10, architectural technology, welcomed daughter Emma H. in July 2016. They reside in Cressona.

#### Laura A. Donnelly, '13,

radiography, married Thomas Waldo on June 3, 2017. They reside in Bellefonte. Maggie J. Bauman, '14, applied human services, married Edward Jenkins on Aug. 13, 2016. They reside at Fort Campbell, Ky.

Amanda A. Dibble, '16, nursing, married John Bak, '15, nursing, in June 2017. They reside in Williamsport.

Brittany J. Hoffman, '17, health information management; '15, health information technology and health information coding specialist, married Ryan P. Smith, '12, civil engineering technology, on Oct. 29, 2016. They reside in Williamsport.

## In Memory

William C. Bradshaw, retired director of experiential learning and assistant professor of building construction, on Sept. 6.

**Wesley S. Dodge**, former college trustee and faculty member, on Jan. 17.

Jay Hilsher, retired director of printing services and assistant professor of graphic arts technology, on Oct. 31.

Larry B. Leavitt, associate professor of automotive technology, on Jan. 4.



T has been an exciting year at Penn College: From the introduction of a master's degree and several new majors to NCAA Division III competition for our student-athletes, and countless successes in and out of the classroom. These achievements would not be possible without the support of alumni, parents, employees, industry partners and friends of the college.

As a student development assistant, I have had remarkable conversations with alumni and friends, and I am so grateful for the support they provide students like me. Thank you to all who took our calls during the Phonathon. We appreciate that so many of you care about the success of students like us. Your words of wisdom, encouragement and financial support are helping students earn *degrees that work*.

If we have not connected with you via phone yet, no worries, as we will be calling again. So when you see "Penn College" on your caller ID, a student is waiting to update you on the latest campus happenings and to discuss your potential support of The Penn College Fund.

As I complete my final semester at Penn College and finalize my professional goals, I am eager to join the proud Penn College alumni family and continue the tradition of giving back when I receive a call from a Penn College student.

Thanks for making the Phonathon such a rewarding experience for me!

Ryan Monteleone, '18 information assurance & cyber security lead student development assistant

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#### SAVE THE DATE

March 13–April 18	<b>Gallery: Judith Peck /</b> "Hope and History" / Reception: March 15, 4:30-6:30 p.m.
March 20	Career Fair / For Penn College students and alumni
March 24	Open House
April 10	<b>Technology &amp; Society Colloquia Series /</b> Rebecca Strzelec, "Art + Engineering = Creative Problem Solving" / Klump Academic Center Auditorium, 7 p.m.
April 13	<b>Williamsport Technical Institute Reunion /</b> Penn's Inn, 10 a.m.
April 15-20	Pride Week
April 18	Student Activities Awards / Penn's Inn, 6:30 p.m.
April 27	<b>Student Government Association Auction /</b> Madigan Library, 3:30-5:30 p.m.
April 27–May 10	<b>Gallery: Graphic design students /</b> "Design: 2018" / Reception: April 27, 4-6 p.m.
May 11-12	Commencement
May 14	First summer session begins
May 29–July 27	<b>Gallery: Regional Juried Exhibition /</b> Reception: June 3, 2-5 p.m.
June 19	Second summer session begins
June	<b>Penn College Summer Camps /</b> Explore "degrees that work" and earn scholarships / www.pct.edu/summercamps
Aug. 4	Commencement
Aug. 15	Williamsport's Grand Slam Parade / Welcoming Little League Baseball World Series teams
Aug. 18–19	Welcome Weekend / Alumni, call 877-PCT-ALUM to help welcome students to campus!

For information, call toll-free 800-367-9222

Pennsylvania College of Technology became an affiliate of Penn State in 1989 after establishing a national reputation for education supporting workforce development, first as a technical institute and later as a community college. Today Penn College is a special mission affiliate of Penn State and a national leader in applied technology education. Penn College offers more than 100 bachelor, associate and certificate majors to nearly 5,500 students in careers ranging from manufacturing, design, transportation and construction to hospitality, health, business and natural resources. Business/industry connections, small classes, industry-standard equipment and faculty with work experience contribute to strong graduate placement rates. The full college experience awaits those desiring on-campus housing, Greek Life, student organizations and NCAA Division III athletics.

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Penn College operates on a nondiscriminatory basis.



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Change Service Requested



At the Schneebeli Earth Science Center, Penn College Woodsman Team member Kristin E. Cavanaugh demonstrates the cross-cut competition. Sitting on the log is teammate Tyler W. Lauver. The 2017-18 team is made up of eight students from several majors. The team is always recruiting new members and will next compete at the Mid-Atlantic Woodsmen's Meet and Stihl Timbersports Collegiate Series Mid-Atlantic Qualifier.