

LYLES SCHOOL OF CIVIL ENGINEERING

TRANSITIONS

PURDUE UNIVERSITY DECEMBER 2017



Lyles School of
Civil Engineering

**AWARDS
HONOR
COUPLE**
FROM CLASS OF '21

**BURKE FAMILY
GIFTS NAME
CE GRAD
PROGRAM**

**HOCKEMAS'
GIFT CREATES
NAMED
PROFESSORSHIPS**



MESSAGE FROM SCHOOL HEAD, “G.S.” GOVINDARAJU

I am often asked what I love most about serving as Head of the Lyles School of Civil Engineering, and my answer is always the same: the people.

Our students, alumni, faculty, staff and friends truly make my position a pleasure. These past 12 months only further cemented this feeling for me.

Last April, the Lyles School raised more than \$3 million during Purdue Day of Giving, the fourth-highest total overall at the University. This impressive achievement would not be possible without our generous alumni network. I want to specifically recognize our good friends Jerry (BSCE '65, MISA '66) and Lynda Engelhardt. They have been very strong supporters of Civil Engineering over the years, and — during Purdue Day of Giving — committed over \$1.5 million to our school.

Another significant milestone was made possible this past year thanks to Christopher B. (BSCE '77, MSCE '79, PhD '83, HDR '10) and Susan S. (BS SLHS '78) Burke — our cover couple for this year's issue of Transitions Magazine. Thanks once again to the Burke family's generosity and philanthropy, Purdue CE set yet another benchmark among the best programs in the world. The Purdue Civil Engineering graduate program is now one of the first named civil engineering graduate programs in the United States. We are ever grateful to the Burkes — and all of our wonderful alumni, friends and family who continue to support us.

Alumni like the Burkes and Engelhardts continue to support our school because they are proud of where they came from — and because they are confident our alumni, students, faculty and staff represent our school with excellence. I certainly agree with them — and I am honored to serve each of you as the school's head.

The generosity of our alumni is a key component to our school's 130 years of success — and it is also why we are continually recognized as one of the top programs in the world. Once again, both our graduate and undergraduate programs were placed among the top 10 in the United States by U.S. News & World Report!

As always, I look forward to sharing even more of our school's accomplishments and successes with you as they come.

All the best,

A handwritten signature in black ink that reads "G. Govindaraju". The signature is fluid and cursive, written in a professional style.

RAO S. GOVINDARAJU

*Bowen Engineering Head of Civil Engineering
and Christopher B. and Susan S. Burke Professor of Civil Engineering*

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LYLES SCHOOL OF CIVIL ENGINEERING

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Moving?
Send change of address to:

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Or email: heathk@purdue.edu
Or call: 765-494-2166

COVER: Continuing a Boilermaker family tradition, longtime supporters Christopher and Susan Burke recently established a named graduate program for the Lyles School of Civil Engineering.

Produced in conjunction with the Office of Marketing and Media
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MEET THE DEVELOPMENT TEAM FOR PURDUE'S LYLES SCHOOL OF CIVIL ENGINEERING

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DOMINIQUE ODEN

Q&A

Major: Civil Engineering
 Year: Sophomore
 Hometown: Atlanta
 Position: Guard
 Number: 11
 Started in 33 out of 36 games as a freshman.



The Purdue Women's Basketball season is underway and star guard Dominique Oden will play a key role in the team's success. Dominique, a sophomore, also joined the Lyles School of Civil Engineering this year. Before the season started, she joined us for a Q & A.

Read on and be sure to cheer on Dominique and the Boilermakers this season!

Why did you choose civil engineering as your major?

I have always been interested in architecture and building structures and CE allows me to do both with architectural engineering.

What sparked your interest in studying civil engineering?

My uncle is an architect. He took my sisters and me to a job site once, and he would take us to his office when we were younger. I found his work really interesting. As I looked into his job more, I found that I liked the design aspect, but also the building and math that comes with the engineering aspect.

Has it been difficult to balance school and athletic responsibilities?

Coming in as a freshman, it was hard to focus entirely on basketball, especially when I was at practice and I had a big test to study for. But my coaches, teammates and the support staff really helped me balance my time with basketball and school, and this year it has been easier to separate basketball and school from each other when I need to focus on one or the other.

How do you think this season will go for your team?

I feel like the team has great potential and that we can go very far this year.

What parts of your game did you focus on improving the most in the offseason?

I focused on improving my footwork, defense and my midrange game in the offseason.

What, so far, has been your favorite civil engineering class? Are there any classes you are looking forward to taking?

I am looking forward to the senior design class. And my favorite class so far is Statics. ■

Thank you to everyone who participated and contributed to the 2017 Purdue Day of Giving!

In just 24 hours, the Lyles School of Civil Engineering received more than \$3 million in total donations — the fourth-most out of the entire University. Of that total, Jerry and Lynda Engelhardt committed \$1.5 million to the school.

Rao "G.S." Govindaraju, the Christopher B. and Susan S. Burke Professor of Civil Engineering, says he is incredibly thankful to all of the school's alumni, students, friends, faculty and staff who contributed to the annual fundraising event.

"Our school has some of the best support in the world," Govindaraju says. "We are

truly thankful to everyone who contributed to the Day of Giving."

These funds can go to Purdue Civil Engineering's greatest needs, Govindaraju added, such as scholarship opportunities, outreach programs and facility improvements.

"Giving to Purdue Civil Engineering directly impacts and improves the experience and quality of education for our students," Govindaraju says. "We deeply respect those who give to the school and we ensure their gifts are used in the best possible ways to prepare the civil engineers of tomorrow."

Overall, Purdue received \$28.2 million from more than 15,000 donations — a new record for the University. ■



2018 DATE: APRIL 25

COUPLE DOUBLES DOUBLES DOWN ON NAMED PROFESSORSHIPS



A LASTING LEGACY

For Lafayette natives Jack and Kay, giving back to Purdue is an extension of a fruitful and ongoing relationship with the University. Jack's great-uncle, Professor Frank C. Hockema (BSME '18, MSME '23), taught at Purdue beginning in 1920 and eventually served as both executive dean and vice president of the University from 1945-56. Jack's sisters are Purdue graduates, as are Jack and Kay's daughters, Meredith and Stephanie. Today, the Hockemas' granddaughter, Cassie, is a management student at Purdue.

"Purdue has been instrumental in the lives of our family," Kay says. "We are pleased to be able to give back to an institution that has been such a strong and positive influence on all of our lives."

PREPARED BY PURDUE

Hockema serves as the CEO and Chairman of the Board at Kaiser Aluminum Corp., a leading producer of high-strength, fabricated aluminum products for aerospace, automotive and custom industrial applications.

Jack and Kay, who now live in Orange County, California, are actively involved with the University. Jack has served on Purdue's Civil Engineering Advisory Council; he and Kay currently serve on Purdue's Champion's Committee. Jack was honored with the Civil Engineering Alumni Achievement Award in 1996, the Distinguished Engineering Alumni Award in 2012 and a Krannert School of Management Distinguished Alumni Award in 2009.

"I can't stress enough how important Purdue has been to my professional success. Being a local kid, Purdue really opened my eyes to the world and helped me compete on the larger stage," says Jack. "My family's history with Purdue certainly factors into my support now." ■

Loyal Purdue alumnus Jack Hockema (BSCE '68, MS Management '70) and his wife, Kay, want the University to hire and retain the best possible professors. To that end, Jack and Kay recently announced one named professorship and created another for the Lyles School of Civil Engineering.

The endowments double their support for high-quality researchers and educators.

"I feel strongly about the School of Civil Engineering and the education it gave me. Anything I can do to make sure it hires and retains the best professors available, I'll do it," Jack says. "I really feel strongly about this. In fact, I'm about to set up something similar to this at the Krannert School."

Last year, Srinivas Peeta was named as the Jack and Kay Hockema Professor of Civil Engineering. Peeta oversees

multidisciplinary research in many areas, from large-scale transportation systems to autonomous vehicles.

Through the Rising Star faculty endowments program, the Hockemas more recently established the Jack and Kay Hockema Assistant Professor/Associate Professor in Civil Engineering endowment. That position has yet to be filled. The couple has also agreed to provide matching funds for a future endowed professorship in Civil Engineering.

"Through the Hockema professorships, the Lyles School is better able to recognize and retain talented faculty in the early stages of their careers," says Rao S. Govindaraju, the Bowen Engineering Head of Civil Engineering and Christopher B. and Susan S. Burke Professor of Civil Engineering. "It further allows the school to pursue its strategic goals, and excel in our efforts at discovery, learning, and engagement."



SUSAN AND CHRIS BURKE

A NAMED GRADUATE PROGRAM IN CIVIL ENGINEERING

A gift from the Burke family establishes one of the nation's first named civil engineering graduate programs.

Continuing a Boilermaker family tradition, longtime benefactors Christopher and Susan Burke recently established a named graduate program for the Lyles School of Civil Engineering. The gift for the Christopher B. and Susan S. Burke Graduate Program, one of the nation's first named CE graduate programs, is part of *Ever True: The Campaign for Purdue University*.

SECURING THE FUTURE FOR THE LYLES SCHOOL

"This gift allows us to be confident in funding and to explore innovations," says Rao S. Govindaraju, the Bowen Engineering Head and Christopher B. and Susan S. Burke Professor of Civil Engineering.

"When we talked with the Burkes, we explained that we cannot foresee the specific needs our school may have in years to come," he says. "The unrestricted nature of their gift will help us meet those future needs."

Govindaraju adds, "One of our constant challenges is attracting high-quality graduate students. It is a positive cycle: The more highly competent graduate students we have, the more attractive our program becomes. The Burkes' gift will absolutely help us recruit high-caliber grad students. The other important thing is that with this gift we can expect the funding to continue well into the future."

The Burkes' gift is the latest of many they have given to the University and the Lyles School. Their contributions helped establish the Burke Undergraduate Hydraulic Laboratory, the Christopher and Susan Burke Hydraulics and Hydrology Laboratory, a named professorship held by Govindaraju, and the Civil Engineering Center for Applications of UAS for a Sustainable Environment.

THE FAMILY TRADITION

Both Susan and Chris Burke are Purdue graduates. Chris received a bachelor's degree in 1977, a master's degree in 1979 and a doctorate in 1983 — all in civil engineering — as well as an honorary doctorate from Purdue in 2010. Susan earned a bachelor's degree in speech and hearing in 1978. Three of their four children attended Purdue.

In fact, four generations of their family have received 38 degrees at Purdue, Burke says. And the tide of gold and black keeps coming from the Burkes.

"Four family members are at Purdue now, plus another one who started his freshman year in the fall. The group that's there now are nieces and nephews. My cousin's children are in the next group," Chris says. "Our connection to the University, and particularly to the Lyles School, spans many years and reflects the loyalty our family has to the University."

He says, "Our story begins at Purdue. I was in the Phi Gamma Delta fraternity, and Susan was in the Kappa Alpha Theta

sorority, which were directly across the street from each other. That's how we met."

GRANTING OPPORTUNITIES

He credits his education at Purdue with helping him in his successful career. He started Christopher B. Burke Engineering Ltd., a Chicago-based consulting, engineering and surveying firm, in 1986. The company provides services for many high-profile projects and employs more than 200 people, 78 of them licensed civil engineers.

"Purdue provided so many great opportunities. For example, when I was a graduate teaching assistant, I wrote a drainage manual for the state of Indiana," he says. "I loved that teaching experience so much that I still teach today, at the University of Illinois at Chicago."

Susan, too, speaks enthusiastically about her student years. "When I was there, four of my siblings were there at the same time," she says. "And most of my sisters also were in Kappa Alpha Theta. That was such a special time. I met great people, and it certainly helped me grow into my career."

For his part, Govindaraju, the Lyles School head, is grateful for the Burkes' continuing generosity. "We're thrilled and very appreciative of the support they have given over the years, to Purdue University in general and the Lyles School of Civil Engineering in particular," he says. "Their gifts help make our program more visible and bring us even more recognition." ■



The children of Margaret and Bevan Lewis memorialize their parents with a pair of academic excellence awards.



NEW AWARDS *Honor* ALUMNI COUPLE [FROM THE CLASS OF 1921]

When the five children of Margaret Julia Ward and Bevan Blau Lewis (both CE '21) wished to honor their mother and father, they decided that 2017, the anniversary of their parents' entering Purdue University, was great timing. Recalling the pride their parents took in Purdue and the Class of '21, the siblings created awards to recognize academically outstanding Civil Engineering students.

Annually, a Margaret Julia Ward Award for Academic Excellence will be presented to the female CE undergraduate with the best academic record, and the Bevan Blau Lewis Award for Academic Excellence will go to the male undergraduate with the best academic record.

2017 also marks the 60th anniversary of the creation of the Bevan Blau and Margaret Ward Lewis Scholarship Fund, a gift that has provided financial assistance to many hundreds of Purdue CE students, helping them succeed in school and graduate.

While at Purdue, both parents worked hard. Bevan worked in a bakery four hours every day before class. Margaret babysat professors' children and typed papers for graduate students. Both enthusiastically participated in campus activities. Bevan was a member of the Class of '21 football team and served as treasurer of the Civil Engineering Society. Margaret was a member of the Exponent staff, class secretary in 1920 and literary editor of the 1921 Debris.

After graduation, Bevan went to Central and South America to build and run railroads, and Margaret went to Washington, D.C., to work as an editor for the U.S. Department of Agriculture. They kept in touch and married in 1928, becoming the first pair of Purdue CE students to marry. More than 150 additional pairs of Purdue CE grads have followed the Lewis' example.

Their oldest daughter, Virginia Beatty, says, "Both of our parents were bright, well organized, and had a strong sense of personal responsibility. They believed that education is a lifelong process, and helping others grow physically and intellectually is an important and satisfying part of living." It is no surprise that Bevan Lewis was a CE faculty member from 1945 to 1966. "Our parents inspired us to make things happen and help where we can," Beatty says.

The children honoring their parents are: Virginia L. Beatty, Carol A. Lewis, Georgia Morehouse, Q.E.D. "Tex" Lewis and Maryland Austin. Virginia, Georgia and Tex, like their parents, earned bachelor's degrees from Purdue — Tex with a BS in civil engineering in 1959.

"We know that time is the most precious thing we have to offer," Virginia says. "But money is nice too, especially when a good education has helped us to earn enough to be able to share. It has been our pleasure to create these awards. We feel they are something that would have made mother and father smile, and at the same time, say to the recipients, 'Well done.'" ■



TOP AWARDS FOR TOP PERFORMERS

Their goal was never to be at the top of their class — but, now that they are, they’re certainly enjoying the view — and the rewards.

Sijia Wang and Zachary Nichols were 2017’s inaugural recipients of the Margaret Julia Ward and the Bevan Blau Lewis awards. The scholarships recognize the female and male graduating students with the highest GPA.

Virginia Beatty and her siblings created the awards to honor their parents, Bevan Blau Lewis (BSCE ’21) and Margaret Ward Lewis (BSCE ’21). Be sure to read about Ward and Lewis in the adjacent article.

Wang and Nichols say their desire to earn the best GPA was not motivated by hopes of earning recognition. Both students expressed surprise and deep gratitude upon receiving the awards.

“I’m the sort of student who performs better with support and knowing the school and my professors are there for me,” Sijia says. “I’ve always felt that in our department. And then to receive a reward for all my work was really great. Honestly, I feel like there were so many other students who were just as deserving of this. I’m very thankful.”

“I’ve always tried to do my best in school,” Nichols says. “It was important to me to take away something from each of my classes. When

I found out I was going to receive this reward I was, of course, excited about it. It’s great to have your school recognize all the work you’ve done by honoring you like this.”

2017 is the first year the Ward and Lewis scholarships have been awarded. Both Wang and Nichols are confident the scholarships will provide extra motivation to the Lyles School of Civil Engineering’s top-performing students.

“It will definitely entice students to put in that extra effort to stay or get ahead of the class,” Nichols says. “Knowing there is extra recognition for top performers is good motivation.”

“I think this will really help encourage students because of what the award means,” Wang says. “I know when I won, I told all of my friends — some are seniors now — and they were pretty excited to hear about it.”

Now, as graduate students, both Wang (in CE) and Nichols (in Engineering Management) say they plan to apply their undergraduate skills toward research.

“Purdue has been a great experience for me, and while the work has been hard — especially in grad school — I know I have the school and teachers to support me,” Wang says. ■

2017 CE EVENTS

CE OPEN GOLF OUTING



Kareem El-Naggar (BSCE '90), Timothy Gunn (BSCE '91), Peter Gunn and Jordan El-Naggar teamed up to play at the 2017 CE Open.



Professor Robert Frosch presents a certificate of appreciation to Sara Greer. Her company, Marathon Petroleum, sponsored a hole.



Win or lose, the teams and their friends and families were rewarded with lunch before tee time and dinner after the games.

CE HOMECOMING BREAKFAST



What's more impressive? That Class of '67 grad Jim Fletcher still has his senior cords in such great condition, or that they still fit.



School Head Rao "G.S." Govindaraju and Professor Robert Connor chat over coffee at the Homecoming Breakfast.



Professors Na "Luna" Lu and Andrew Whelton chop and prepare the ingredients at the cooking station.



A few future civil engineers joined us for breakfast.

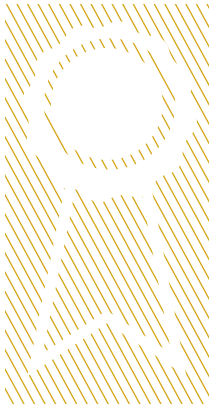


Professor Antoine Aubeneau takes the next omelet order.



Professor Chad Jafvert serves up a fresh omelet.

SCHOLARSHIPS



The Cheryl A. Cunningham & Chester A. Parsons Civil Engineering Scholarship. (From left) Chet Parsons, Emily Duong, Cheryl Cunningham.



The Mamon and Cynthia Powers Scholarship. (From left) Darryl Sexton, Kirsten Holston.



The Charles A. Ellis Fellowship. (From left) Andi Vicksman, Morgan Broberg, Yu-Ting Huang.



The William and Martha Dudley Scholarship. (From left) Nicholas Freyberger, Corey Beck, Audra Ripley, Thomas Schilling.



The Jacques W. Delleur Award in Civil Engineering. (From left) Siddharth Saksena, Ganesh Mallya, Professor Emeritus Jacques Delleur.



The Lyles Scholarship for Undergraduates in Civil Engineering. (From left) Dominic Grant, Kemmy Mizinga, Miranda Gollwitzer, Filippo Massobrio, Benjamin Bowman, Alex Mejia, Samuel Andrews, Edward Hutchinson, Zachary Grant, Marelino Cruz, Merrick Howarth, Darryl Sexton, Emily Facklam.

LYLES SCHOOL EVENTS CALENDAR

December 17
Fall Commencement Ceremony
and Reception

December 25-26
Official University Holiday

December 27-29
University Winter Recess

January 1-2
Official University Holiday

January 7
Transportation Research Board
Alumni and Friends Reception,
Washington, D.C.

January 17
Indiana Society of Professional
Land Surveyors


February 18
Naples Area Alumni and Friends
Reception

March 12-16
Purdue Spring Break

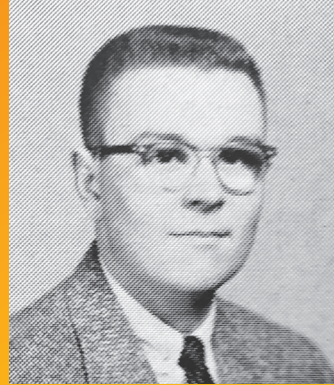
April 12
Civil Engineering Alumni
Achievement Award Celebration

April 13
Advisory Council Meeting

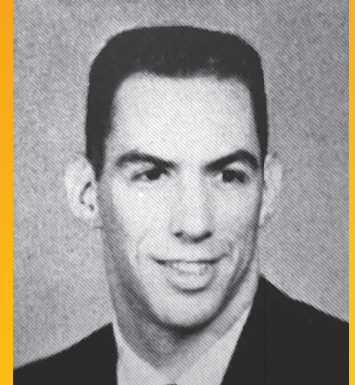
April 25
Purdue Day of Giving



PURDUE
OF THE PAST
**A FOUR-WAY
FRIENDSHIP
FORGED
AT PURDUE**



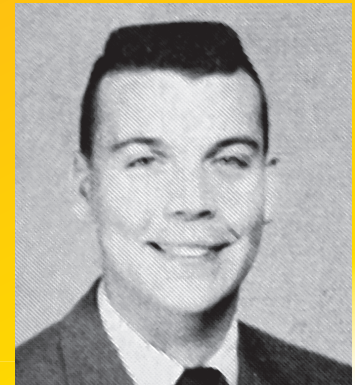
Lou Antoine



Bob Elsperman



Don Norton



Ed Johnson

For decades, the Ross Summer Surveying Camp was a staple of the Purdue Civil Engineering program. For four particular alumni, the camp was the foundation for a lifelong friendship.

Lou Antoine (BSCE '58), Bob Elsperman (BSCE '59), Ed Johnson (BSCE '58) and Don Norton (BSCE '58) have been best friends for over 60 years. The four first came together in the mid-1950s through Purdue's surveying camp. After graduation, the four went on to different professions and lived in different parts of the country. Yet they all eventually ended up in the St. Louis area.

"Professionally, our paths never really crossed after we graduated from Purdue," Don says. "But we managed to stay geographically pretty close, and we all watched out for each other and how we were doing in our careers."

The surveying camp — which started back in 1914 — continued until 1960. Each

summer, the program had civil engineering students spend eight weeks learning the ins and outs of land surveying. From 1914 to 1927, students attended camps at various scenic locations: The Clark State Forest near Henryville, Indiana; Pentwater and Glen Lake, Michigan; and at McCormick's Creek State Park near Spencer, Indiana.

In 1928, Purdue Trustee David Ross purchased 140 acres of farmland adjacent to his summer home, "The Hills," for use as a permanent surveying camp. The land lay 12 miles southwest of campus along the Wabash River. Today, what was the Ross Summer Surveying Camp and the home of David Ross is part of a county park called Ross Hills Park.

"It's a shame they stopped running the camp," Ed says. "You learned a lot more than just surveying. You worked with a lot of people, and you built some really great

friendships. I know surveying isn't done the same way as it was back then, but I think today's students are really missing out."

Of course, these gentlemen's friendship was not solely based around civil engineering and their camp experiences.

"School was hard, but we also managed to have a lot of fun together at various social events," Bob says.

Bob also met his future wife, Darcie, at Purdue while taking a summer class. Although the friends admittedly enjoyed social activities as Purdue students, it was their time at surveying camp that they treasure the most.

"Much of what I did later at Purdue wouldn't have happened if I hadn't gone to surveying camp," Lou says. "It was one of the neatest experiences of my life, and I wouldn't trade that for anything." ■

HAMPTON HALL ENSURE OUR FUTURE

RENOVATIONS

In the fall of 2017, the school began renovations to the Delon and Elizabeth Hampton Hall of Civil Engineering. The first phase of this \$5 million project is set to be complete by the fall 2018 semester.

Rao S. Govindaraju, the Bowen Engineering Head of Civil Engineering and Christopher B. and Susan S. Burke Professor of Civil Engineering, says the renovations are necessary to ensure the school's students, faculty, and staff have the best tools and opportunities available.

"Purdue's School of Civil Engineering is known throughout the world as one of the top civil engineering institutions. We must do all that we can to support growth and innovation so that we remain a premier civil engineering school," Govindaraju says.

"We appreciate the willingness of alumni and corporations to help fund the renovations," he says. "In particular, the S.D. Bechtel Jr. Foundation contributed \$2.5 million to the renovation project."

Govindaraju adds, "We are extremely thankful to all those who donated and helped raise funds. Hampton Hall has been in need of renovations for a few years now."

IMPROVEMENT PLANS

The first phase of renovations focus on the ground floor and basement level areas. Improvements to the building will include an accessible entryway, improved air circulation, updates to existing laboratories for state-of-the-art civil engineering teaching and research,

and new flexible-use teaching laboratories. The plan includes the following:

- Three flexible teaching labs: 1,735 sq. ft. for architectural engineering; 1,151 sq. ft. for geomatics engineering; and 1,395 sq. ft. for structural engineering
- Additional geomatics storage/lab prep/surveying lockers — 492 sq. ft.
- A new student lounge to promote collaboration — 204 sq. ft.

Robert Frosch, associate dean for resource planning and management and professor of civil engineering, says that having flexible laboratories allows the school to anticipate future teaching and research needs by providing easily modifiable spaces calibrated to accommodate varying class sizes and a broad range of interdisciplinary activities.

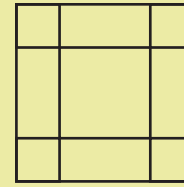
"The portion of the building we're renovating is in desperate need of work, and this will address many issues we've been facing," Frosch says. "These renovations will greatly improve experiences for our students, faculty and staff."

Professor Ayman Habib, co-director of the Civil Engineering Center for Applications of UAS for a Sustainable Environment and associate director of the Joint Transportation Research Program, looks forward to the new geomatics lab.

"This is certainly something that the geomatics area has needed for some time," Habib says. "For myself — and especially for our students — this makes our study and research so much more convenient. I'm already looking forward to next fall." ■



PAGE PAVILION

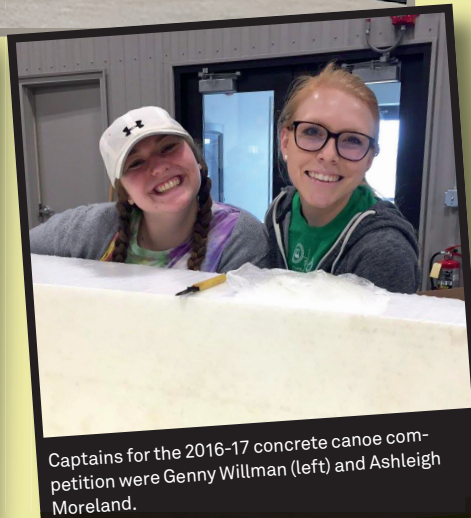


The Thomas A. Page Pavilion officially opened in the spring semester of 2017. Named after its primary donor, Tom Page (BSCE '55, MSIA '63, HDR '94), the facility is located next to the Robert L. and Terry L. Bowen Laboratory.

- Land Area: .93 Acres
- Building Dimensions: 60' (W) x 120' (L) x 25' (H)
- Floor Space: 8,400 square feet
- Purpose: Dual purpose to effectively provide vital space for Civil Engineering student organizations and staging and storage area for Civil Engineering research.
- Student Activity Section: 50' x 60' space including 12' x 25' team collaboration room, two bays with 48' x 50' space, two 12' tall overhead doors.
- Cost: \$1,640,000



The Page Pavilion provides space for working on multiple projects at once.



Captains for the 2016-17 concrete canoe competition were Genny Willman (left) and Ashleigh Moreland.



Students work together on their concrete canoe.



In addition to work areas, the Page Pavilion has a collaboration room with teleconference and video viewing capability.



Student teams plan, design, fabricate and store their projects at the Page Pavilion.



The 2016-17 ASCE's concrete canoe project was one of the first to be done at the Page Pavilion.

GREETINGS FROM DON FRY,

senior managing director of development for Civil Engineering



The current theme for the Lyles School of Civil Engineering is “celebration.” We are celebrating the 120th anniversary of Purdue’s first female engineering graduate, Martha Dicks Stevens, who earned her civil engineering bachelor’s degree in 1897. Throughout the year, we have celebrated her accomplishment by hosting prominent CE alumnae on campus for the Milestones Lecture series. We look forward to celebrating the 125th anniversary of David Robert Lewis’ graduation in 2019. Lewis was Purdue’s first African-American engineering grad.

He received his BSCE in 1894. Stay tuned for our plans to mark this momentous occasion as 2019 approaches.

And prepare yourselves: 2019 will be another momentous year for celebrating. That may sound far away, but I don’t want anyone to underestimate the significance of helping Civil Engineering — and all Boilermakers — celebrate Purdue’s 150th Anniversary!

As we enter the final 18 months of *Ever True: The Campaign for Purdue University*, I ask you to ponder the role that Purdue, and more specifically, Civil Engineering, has had on your life. Were you a scholarship recipient? Did you receive assistance to travel to a conference or abroad? Was there a faculty member who took interest in your success? As the end of the campaign quickly approaches, please make a contribution. We need everyone’s help to exceed our \$60 million goal. Even more important is our goal of having every Purdue CE graduate and friend make a contribution, no matter the amount.

Those of us in the Civil Engineering Development office are here to assist you in creating meaningful opportunities for students and faculty — opportunities that will secure the legacy of our school.

Here’s to the next 130 years of outstanding learning and discovery for Civil Engineering at Purdue! A huge “thank you” to everyone who has helped make the Lyles School a leading program educating the best and brightest civil engineering leaders of the future.

Hail Purdue!

Don Fry
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Senior Managing Director of Development — Lyles School of Civil Engineering
University Development Office — Purdue Research Foundation
Delon and Elizabeth Hampton Hall of Civil Engineering



Ever True: The Campaign for Purdue University was announced in October 2015, and it will end on June 30, 2019. All giving since July 1, 2012, is being counted toward *Ever True* campaign goals. The Lyles School of Civil Engineering goal is \$60 million, but we intend to exceed this goal. Additional funds are necessary to keep the Lyles School on the leading edge of educating civil engineering students and to attract and retain the best students, faculty and staff.

Funds for scholarships and fellowships are vital to growing our program. Equally important is funding for highly productive senior and junior faculty members. As we attract the best students and faculty, Hampton Hall facilities need substantial renovation, repair and repurposing. It’s estimated nearly \$30 million is needed to enhance the 1962 version of Hampton Hall. We don’t have that large number in our campaign goals, but we will continue to talk with alumni and friends who want to make big dreams possible.



HOW YOU CAN HELP

Through *Ever True: The Campaign for Purdue University*, we will meet the call for highly qualified civil engineers by concentrating on the following components, aligning with strategic growth initiatives.

Students

- *Endowed scholarships* enable Civil Engineering to continue its commitment to quality and diversity by recruiting and retaining the best, most creative students.
- *Endowed fellowships* attract outstanding graduate students, bolstering the reputation of Purdue Engineering and drawing high-quality faculty and increased research funding. To be competitive, we must be able to offer our graduate students tuition and living stipends.

Faculty

- *Endowed professorships* attract and help retain top faculty. Our goal is to have a total of 15 named professorships.
- *“Rising Star” faculty endowments* recognize and retain accomplished early-career professors.
- *Faculty of engineering practice* teach, mentor and engage students in the application of knowledge and in putting research into practice.

Programs

- *New/enhanced curricula* for experiential learning, including global experiences, design projects, internships, practica, service learning and undergraduate research.
- *A hybrid undergraduate distance-learning/on-campus* program.
- A program enabling students to *earn an MS degree after their BS* + 1 year of graduate study.
- *A professional MS degree* program.

Facilities

- *Repair, renovation, and repurposing (R3)* of teaching, laboratory, and research space. This is critical to support student growth and to attract and retain superb faculty. We anticipate a need to invest as much as \$30 million in R3 projects over the course of our strategic growth. Investments will enhance learning and research experiences for undergrad and grad students.

We invite you to join us in supporting these initiatives. Help us shape the Lyles School of Civil Engineering to ensure the education and leadership we provide our students and our profession remains the very best in the world. Together, we build.

For information, contact:

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LYLES SCHOOL OF CIVIL
ENGINEERING –
130 YEARS
IN 2017

MARTHA DICKS STEVENS,
PURDUE'S FIRST WOMAN
ENGINEERING GRADUATE –
120 YEARS
IN 2017

DAVID ROBERT LEWIS, PURDUE'S
FIRST AFRICAN-AMERICAN
ENGINEERING GRADUATE –
125 YEARS
IN 2019

