



01 Oct 2020

## Common Ground Newsletter Fall 2020

Missouri University of Science and Technology

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### Recommended Citation

Missouri University of Science and Technology, "Common Ground Newsletter Fall 2020" (2020). *Common Ground*. 9.

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# Common Ground

Civil, Architectural and Environmental Engineering



**Summer internships  
amid COVID-19** page 3

MISSOURI  
**S&T**  
care.mst.edu



Clayco ACML opening

Giving page 24

# From the Chair



Our *Common Ground* 2020 edition is marked by the impacts of COVID-19 like most aspects of our society — local to global. We typically highlight the accomplishments of our students involved in design teams, service efforts, international travel and other notable activities. We also take the opportunity to highlight Miner alumni accomplishments and activities. Our students and alumni traditionally do incredible things which gives us a lot to brag about when we go to press. But this year has been challenging to say the least. Miners were again set to compete with high expectations. We'd also been planning a 150th celebration of the founding of MSM/UMR/S&T in 1870, noting that civil engineering students made up the majority of that first class. Many activities have been put on the shelf for now. We were also

planning a grand opening of the Clayco-ACML building expansion. That too was put on hold. We are, however, poised to move in this fall, and the new facilities are amazing (see page 31). Design facilities inside the Kummer Student Design Center have also been enhanced (see page 9). And we look forward to welcoming many alumni back to campus as soon as we are allowed to do so.

Regardless of challenges, we always talk about educating and training “street ready” engineers, and that expectation and drive will not change nor will it be put on the shelf. Rather, now is a time for true character to be shown. Our students, faculty, staff and alumni are resilient. They are truly up to the challenge and “street ready” — even when those streets are littered with potholes or are blocked and cause us to go a little off road. Our students returned to campus this fall eager to learn and continue their education in the face of many challenges. Our student organizations are moving forward, looking at small group activities and online webinars for meetings. Our students are amazing! Our faculty are stepping up rapidly as well. We held our first surveying class at 8 a.m. Monday on the lawn as no classrooms can accommodate the mass of students. I welcomed a new batch of students to the department, and we discussed wearing face shields and sanitizing instruments in between each use so we can still conduct laboratory classes and offer the hands-on and experience-rich education expected in Rolla. We all agreed to uphold the high expectations that built our legacy and reputation. **Dr. Eric Showalter** held our senior design course online and in person across six different classrooms so the eight teams could work together, get the lecture material and not violate capacity restrictions. Our seniors were up to the challenge. Alumni stepped up too, including two alumni who offered to fund two teaching studios, so that professors preparing new lectures for online delivery could have better products for our students. As in any time of crisis, it takes a village to get through and come out stronger. I'll make a very direct request to our Miner alumni village and team. Facing shrinking budgets in a time of great need, your alumni support has never been more important to maintaining our expectations and the quality of our programs. As we enter this academic year, general support of our student activities, of our excellent adjunct faculty, and of our team overall is greatly needed. Help us build on our impressive legacy and get a strong start on our second 150 years.

As we kick off the 2020-21 year, please consider supporting our future Miners, and please do not hesitate to contact me with questions or for more information.

Sincerely,

**Joel Burken**, Ph.D., P.E., BCEE, F.AEESP  
Email: [burken@mst.edu](mailto:burken@mst.edu)



# Did COVID-19 change INTERNSHIPS?

S&T's career opportunities and employer relations worked with our students to adjust plans and find solutions, while a lot of employers decided whether to cancel or adapt to virtual internships.

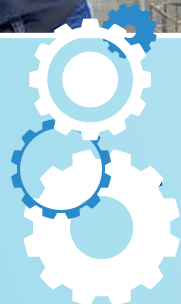
This left many students to modify their summer plans, and in some cases, miss out on opportunities they might never get again. But it also gave many of our students the experience of a lifetime.

**See what Miners had to say about their summer internship experiences.**



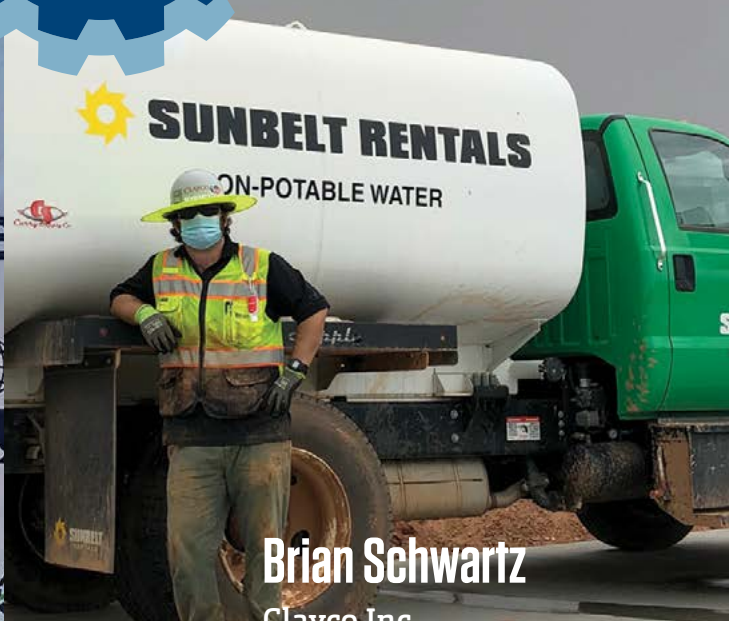
**Austin Richardson**  
Ameren, Callaway  
Energy Center

*"COVID-19 drastically changed my internship. All internships through Ameren went entirely remote. I was able to get on site once over the summer. The highlight of my experience was going to the site and touring the nuclear power plant. I was able to see many of the tasks I had been working on in person. I also toured the turbine building, fuel building, pump house, emergency diesel generator room and cooling tower, as well as assisted in an ultrasonic test of diesel storage tanks."*





**Abigail Pemberton**  
McCarthy Building  
Companies Inc.



**Brian Schwartz**  
Clayco Inc.

*"I was sent to work from home in March, but we came back on site in June after rigorous COVID-19 policies were put in place. The highlight of my co-op was getting to present to a panel of McCarthy and government employees!"*

*"COVID-19 introduced me to a fast-growing, new aspect of job site safety. From daily temperature scans to wearing masks on site, as well as social distancing and extra hand washing stations, the construction industry has made many changes in response to the pandemic."*



**Kaitlyn Loucks**  
Traylor Brothers

*"Thankfully, my work day was similar to what it would have been before COVID-19. The highlight was definitely getting to be a part of the pre-casting of some of the biggest concrete segments in the world!"*





**Alex Phinney**  
MoDOT

*"COVID-19 ended up putting a lot of stress on MoDOT, requiring reduced hours. While unfortunate, this allowed me to take on more responsibilities than I normally would have been allowed. I'm happy for the opportunities I was given and that I was able to help in uncertain times."*



**Natalie Wohlgemuth**  
Davidson Architecture and Engineering

*"COVID-19 actually enriched my experience, because it got me out of the office and into the field. The highlight of my internship was getting to meet people who do what I want to do everyday and learning from their experience."*



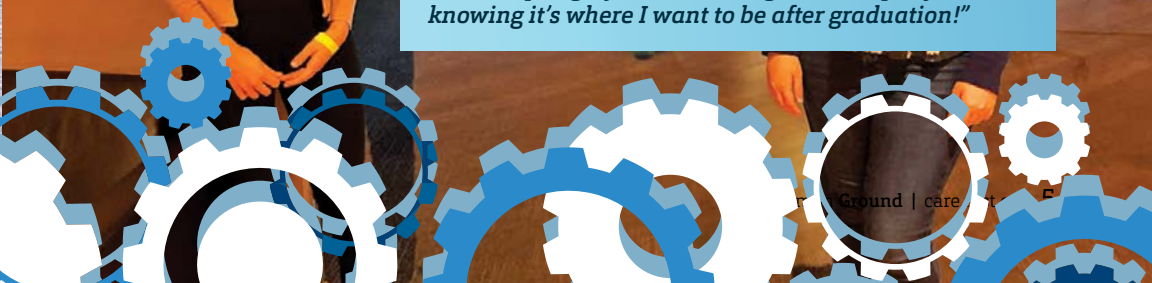
**Beth Borgmeyer**  
Jacobs

*"I really enjoyed learning a new lighting software and about lighting design."*



**Jacqueline Flynn**  
Benham

*"It was a challenge to work with people who were not in the office and also learn from them. The highlight was accepting a job offer through the company and knowing it's where I want to be after graduation!"*



# CLASS OF 2020



Mary Alonso



Alison Bader



Sean Blackwell



Chris Bland



Brian Borgmann



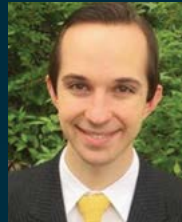
Daryn Bourne



Katelyn Brazzle



Carrie Brichacek



Jonathan Cureton



Alec Decker



Cole Distler



Hope Drennan



Kara Duong



Jackson Eberle



Scott Faulkner



Ashley Fillback



Hannah  
Franchesini



Jonathan Galvez



Luke Goring



Emily Haines



Abbey Harashe



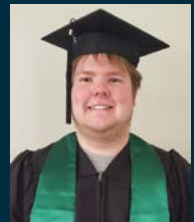
Rebecca Herndon



Destiny  
Battle-Hilacion



Baylee  
Hutchinson



Aaron Kates

The department awarded more than 100 engineering degrees on May 16, 2020. Here are 50 of the Miners that joined us via Zoom the day before to celebrate their accomplishments.

**Celebration video: [youtu.be/7Ejj3LhC30g](https://youtu.be/7Ejj3LhC30g)**



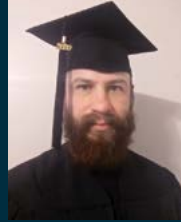
Owen Kolberg



Mitchell Kroeger



Mohamed Sabry  
Leithy



Scott Major



Abby Menkus



Matthew Ogden



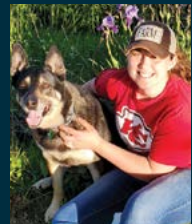
Jacob Pappas



Rahel  
Pommerenke



Kevin Reis



Alexandria  
Rivera



Jacob Spradling



Norbert  
Stausebach



Marissa Surber



Emma Woods



Mohanad  
Abdulazeez



Katie Bartels



Ken Campbell



Mirela Celaj



Daniel Griffith



Ryan McCarren



Nathan Meisgeier



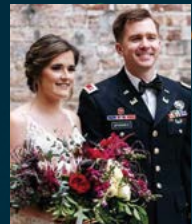
Wesam Sameer  
Mohammed-Ali



Sean Myers



Charlemagne  
Nicolas



Colin Sponable



# ASCE EVENTS



Missouri S&T students visited in February with the 2021 president of the American Society of Civil Engineers (ASCE) — Dr. Jean-Louis Briaud — to discuss society's current and future infrastructure challenges. Briaud talked about the challenges in investing in and maintaining infrastructure to maintain the quality of life in the U.S. and globally as the world population is projected to surpass 9 billion by 2050.

## Missouri State ASCE chapter sharpens skills



In February, ASCE Missouri State leaders **Hunter Stepp**, **Caleb Freeland** and **Erin Bereyso** attended the ASCE Midwest Regional Leadership Conference in Detroit. They met with other ASCE officers and industry professionals to sharpen their leadership skills and improve their chapters at home.



Missouri State students, **Alea Cooper** (pictured left) and **Erin Bereyso**, also attended the Women in Kiewit Leadership Conference in February in Omaha. They met and interacted with several successful women working in the construction industry within the Kiewit organization.

# KUMMER DESIGN CENTER EXPANDS



We've doubled the space  
where dreams are designed.

Our student design teams will enjoy expanded facilities as the Kummer Student Design Center expansion opens this fall. The expansion added 8,000 square feet to the facility that houses many of Missouri S&T's student design teams and efforts, including Steel Bridge and Concrete Canoe team activities. The new facilities greatly expanded the design space and resources needed for the active student groups. It included additional manufacturing and fabrication bays, a larger machine shop, upgrades to the welding, waterjet and composites labs, new labs for electronics and synthetic biology (iGEM), and a remodeled innovation suite.

The expansion was made possible with support from **Frederick**, CE'55, and **June Kummer**, as well as support from other civil engineering alumni including **Richard**, CE'69, MS EMgt'73, and **Nancy Arnoldy**, **Roger**, CE'70, MS CE'73, PhD CE'77, and **Karen LaBoube**, as well as **Brinkmann Constructors**, the project engineers.

A virtual celebration to dedicate the expansion and honor the donors was held on Friday, Sept. 11.



# DESIGN TEAMS

## Missouri S&T Steel Bridge Team update

The S&T Steel Bridge Team was in the middle of the design-fabrication process when they received an announcement that the 2020 competition was cancelled due to the COVID-19 pandemic. The team is keeping the same design from last year and picking up where they left off with fabrication. They will also review the current design of the bridge and see if there are any minor modifications that can be made to ensure maximum efficiency of the bridge for the 2021 regional and (hopefully) national competition. The S&T Steel Bridge Team placed first in the last two Midwest regional competitions and made it to the national level. Their goal is to set a new record by winning the competition three times in row.



## Missouri State Team

Last year the our Missouri State Program's Bridge Team designed and fabricated a beam bridge. This was the first year using chromoly steel, and their team was very pleased with how it turned out. The team also designed a lot of pieces in AutoCAD, and a steel shop in Springfield, Mo., laser cut them. The bridge was not finished due to COVID-19, but will be finished early this semester.



# Concrete Canoe Team report from Missouri S&T

After working hard to finish their design paper, the team was ready for competition. But just a few weeks before competition, campus closed due to the pandemic and the competition was cancelled. This was disappointing for all the team members who worked many hours on the final product. They hope this year they will be able to build another great canoe and compete.



## Missouri State Concrete Canoe Team

The MSU/S&T Concrete Canoe Team and ASCE student chapter have a reputation for dedication and hard work. Before and after COVID-19, they put helping others at the forefront of their efforts. They held a fall stream cleanup that produced a seasonal record for the amount of trash collected, and when businesses and schools shut down members answered the call by volunteering for the Ozarks Food Harvest to package canned food to be distributed across Southwest Missouri. Even with unique circumstances around current events, the team and chapter are sure to continue their track record throughout the coming year.



While the Missouri State Concrete Canoe Team was unable to compete this year, the team managed to fully cast its canoe before the shutdown. This summer, Captains **Nick Thorsen** and **Jon Galvez** got a group together and broke the canoe out of its mold fully intact! The 2019-20 Concrete Canoe took on innovative, new design techniques for optimal hydrodynamic properties while still maintaining a strong structural mix design. As disappointing as it was that the canoe was not put to the ultimate test, rest assured that it would have given other teams a run for their money. The passion and dedication of the MSU/S&T Concrete Canoe Team members is something to be admired. They are the true definition of what it means to be a Miner Bear!

# DESIGN TEAMS (continued)



## Engineers Without Borders (EWB) update

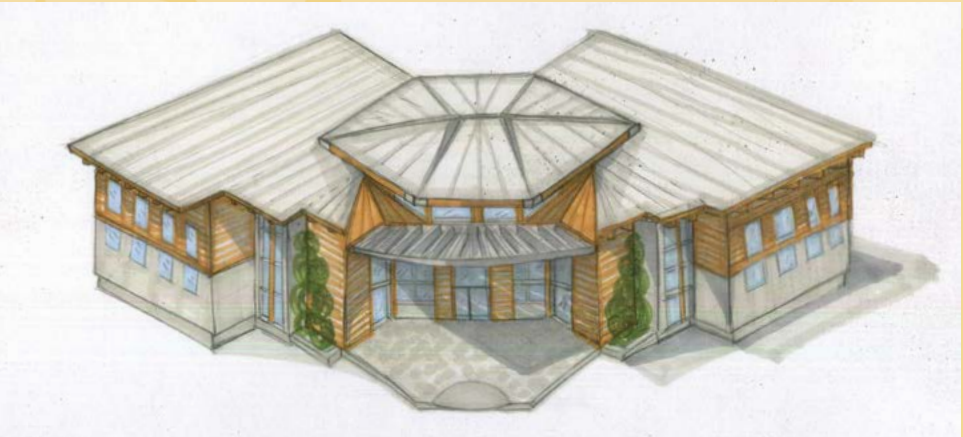
S&T-EWB began 2020 with some exciting news. Our community in Deiz De Abril, Bolivia, was able to begin drilling a pilot hole to corroborate information that we had to move forward with designing a water well for the community. Since then the well has been completed and sealed, and they are preparing to install the distribution system. We can also share that Paraje Xecaxjoj, Guatemala, which is designing a two-story school building with two structural gabion walls, found an engineering company and a new mentor from Missouri S&T to help them design a lasting slope mitigation alternative that provides a safe and stable location for the school. Agua Fria, Ecuador, is remotely implementing a rainwater catchment system for homes at high altitudes and

then working on a water distribution system from the river to the lower part of the community. Atahullani, Bolivia, started its community last year and is working on designing a water distribution system from the glacial runoff. All of our teams anticipated traveling over the summer break to do assessment work or to implement designs. However, due to COVID-19, travel was suspended until 2021. In the meantime, our teams have been working on remote implementation with our in-country, non-governmental organizations. While the teams monitor construction overseas, they continue to do research and work on the next phases of implementation and are looking forward to traveling when it is safe to do so.



# Solar House Team - the HIVE

This past year's project was the HIVE student dormitory — a net-zero attached housing project that applied a highly efficient environmental management system and the tightly knit social nature of bee hives to a student residence hall. The project was designed for a hypothetical site on Missouri S&T's campus. It aimed to incentivize on-campus living by providing a quality, comfortable, green student residence for upperclassmen and graduate students. This state-of-the-art facility was designed to act as a center for social activity on campus and is intended to serve as a long-term collegiate investment in efficiency, resilience and sustainability. The range of technologies — bright common spaces and amenities integrated into the design — helped the project achieve its goals.



“Working on the Hive project showed me how my S&T classroom education would translate to my professional career. Beyond that, collaborating with other students and campus officials helped me develop life skills that will aid me both personally and professionally,” said **Cherith Parnell**, a senior in architectural engineering and the Solar House Team project manager.



Cherith Parnell

Drawing inspiration from the microsystem of bee hives, the project featured a collection of technologies serving individual purposes to build a large, comprehensive system that tackled three areas of interest — water, energy and the environment. With a focus on water, the design featured greywater- and rainwater-capture systems and hydroponic green walls. The energy focus featured HVAC heat-recovery systems, natural ventilation, and several energy generation and recapture technologies. And the environment focus, made use of several sustainable and recycled materials, as well as human elements like circadian lighting and incorporated greenery, to improve the internal environment of the student residence and the external environment.



*Student design teams greatly appreciate the financial support from our Miner alumni. It is one of the many ways we can help future engineers be prepared for tomorrow's challenges. To learn more about the Solar House Team and the projects they have worked on, please visit their website at [solarhouse.mst.edu](http://solarhouse.mst.edu). If you are interested in donating, contact **Dr. Stuart Baur** at [baur@mst.edu](mailto:baur@mst.edu) or **Dr. Heath Pickerill** at [pickerillh@mst.edu](mailto:pickerillh@mst.edu).*

# ALUMNI

## news



**Let us know what you've been doing.**

Send information about your professional and personal accomplishments — career changes or promotions, weddings, births and other news.

**Submit your news online at:**  
**[www.mineralumni.com](http://www.mineralumni.com)**

## 1950s

**Gerry Bellis**, CE'51: "Mary, my beloved wife for 69 years, died on July 2, 2019. She was the cashier at MSM while I was there."

**Kurt Keller**, CE'57, was mentioned in a June 2019 *St. Louis Magazine* article about the history of St. Louis' Poplar Street Bridge. Keller became one of the primary resident engineers on the project after joining the Missouri Department of Transportation in 1966.

**Bob Patterson**, CE'54: "Martha and I are still doing well."

## 1960s

**Gary Dyhouse**, CE'64, MS CE'66, MS EMgt'74: "Diane and I celebrated our 50th anniversary in September 2018 with a dinner for 40 friends and relatives. We did a Trans-Atlantic cruise this year from Florida to Great Britain and are planning to take the Rocky Mountaineer train in Western Canada next year. I have been retired from the Corps of Engineers, St. Louis District, for almost 20 years, but still do occasional consulting and trial work. I spend much time reading."

**Norman Larason**, CE'62: "I retired from the FAA in 1994 after 31 years. I opened Winston Salem Antiques in 1995. Sold our building and closed the store in 2018. Now we are enjoying lake life at Lake Viking, Mo."

**Murray "Mike" McCrary**, CE'62: "I retired from my public works construction company in the San Francisco Bay Area after 42 years in 2015. Arlene, who worked in the registrar's office, and I celebrated our 60th anniversary. Our son didn't attend MSM, but one grandson did. We have visited S&T several times over the years ... amazing changes!"

**Alfred Thiede**, CE'65, MS EMgt'72, MS CE'72: "As of July 10, I officially beat colon cancer and have been declared 'free for life.'"

## 1970s

**David Diestelkamp**, CE'77, was named operations manager for ABNA Services. He previously spent 38 years at Jacobs Engineering.

**Gary Terschluse**, MS CE'76, was featured in a June 2019 *Washington Missourian* article about Washington Engineering & Architecture Inc., which he co-founded. He was also featured in the Dec. 15-16 weekend issue of the *Washington Missourian* for earning what the paper calls a "rare distinction in the field," earning three professional licenses. Terschluse is a licensed architect, a licensed professional engineer and a licensed structural engineer.

## 1980s

**Craig Borgmeyer**, CE'88: "After 28 years in consulting, I have switched to the transportation industry. In August 2018, I started my new job as director of environmental engineering for the Kansas City Southern Railway Co."



**Barry Fehl**, CE'80, joined Freese and Nichols Inc. as a senior water resource design engineer. After Hurricane Katrina, Fehl worked to restore levees, floodwalls and pump stations in New Orleans. He spent the first half of his career as an engineer with the U.S. Army Corps of Engineers and continues to help write their guidance documents.

**Mark Grossenbacher**, CE'83, joined HNTB Corp's St. Louis office as a practice leader. He previously served as a senior project manager and practice leader at the company's Arlington, Va., office.

**Michael Montgomery**, CE'89, was promoted to senior counsel and director of regulatory affairs for Doe Run.

*(continued on the next page)*



**Norman D. Pumphrey Jr.**, MS CE'85, associate professor emeritus of civil engineering and construction engineering technology at Louisiana Tech University, was commencement speaker during the university's summer ceremony in August 2019.

**Keith Wesselschmidt**, CE'80, was named chief financial officer for O'Fallon Brewery.

**Chris Yarnell**, CE'84, manager of ESS Engineering Co. of Jefferson City, Mo., was inducted into the Helias High School Hall of Fame. Inductees must have graduated at least 20 years prior to induction, demonstrate loyalty and service to Helias, distinguish themselves in a chosen field, and exhibit high moral standards.

## 1990s



**Neil S. Brady**, CE'95, joined Bartlett and West in the company's Springfield, Mo., office.

**Steve Campbell**, CE'93, was named district engineer for the Missouri Department of Transportation's Southwest District. The district covers 21 counties and includes the cities of Springfield and Joplin.

**Beth Dare**, CE'93, database and stewardship manager for Phelps Health Foundation in Rolla, Mo., received a scholarship to attend bbcon 2019 in Nashville, an annual conference for nonprofit software company Blackbaud.

**Tim Hellebusch**, CE'93, resident engineer for the Missouri Department of Transportation Highway 47 bridge over the Missouri River near Washington, Mo., was featured in a *Washington Missourian* article about his partnership and friendship with Kevin Kriete, MS CE'04, an engineer with HDR Inc., the bridge design firm. Hellebusch and Kriete both graduated from St. Francis Borgia Regional High School 30 years ago.

**LaWanda Jones**, CE'91, was named to the 2019 Missouri S&T Women's Hall of Fame by S&T's student diversity initiatives office. Awardees are recognized because of their success, influence and ability to inspire and impact students, the S&T community and beyond.

**Lisa (Smith) Kirby**, CE'94, was named city engineer in the city of Greenville, N.C.'s newly created engineering department. Kirby has worked with the city of Greenville since 2003 and served as senior engineer since 2010.

**Don Mayhew**, CE'92, Missouri State Representative of the 121st district, was named floor whip on the Majority Whip Team in the Missouri House.

## CAMPBELL SETS BIG TARGETS AS NEW MODOT DISTRICT ENGINEER



**Steve Campbell**, CE'93, was named district engineer for the Missouri Department of Transportation's Southwest District. Campbell has worked for MoDOT since 1993, and his previous appointment was the district's construction and materials engineer. He now oversees a district that covers 21 counties and two metropolitan areas, Joplin and Springfield. Campbell's current large projects include an interstate connection to Arkansas, commonly known as the Bella Vista Bypass, and tackling the number of bridges that are in need of repair — several along Interstate 44 between Jasper County and Lawrence County.

**Jeff Rieker**, CE'99, was named manager of the U.S. Bureau of Reclamation's Eastern Colorado Office.

**John Schroeder**, CE'94, professor of atmospheric science in the geosciences department at Texas Tech University, was named senior director of the National Wind Institute.

**Judy Wagner**, CE'91, retired area engineer for the Missouri Department of Transportation, was named public works director for the city of Arnold, Mo.

## 2000s

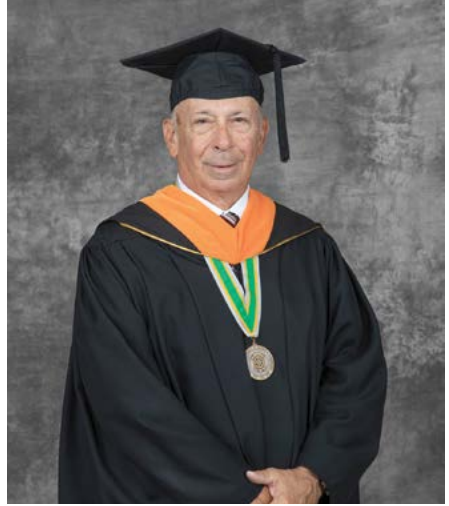
**Nathan Branham**, CE'04, MS CE'06, was promoted to program and department manager for Burns & McDonnell's Global Facilities Group in Kansas City, Mo. The position is part of the company's Principal Group, a senior level of leadership that marks distinguished performance.

**Brandt Genz**, CE'07, and his wife, Nicole, EMgt'07, MS SysE'11, expanded their handmade furniture business, RF Home Co. The new location in Kirkwood, Mo., features furniture, clothing, home décor and other products from around 45 craftspeople who rent space in the 19,000-squarefoot building.

**Jerica Holtsclaw**, CE'00, was named director of the Missouri Department of Transportation's Motor Carrier Services division.

**Kevin Kriete**, MS CE'04, an engineer with HDR Inc., the firm that designed the Highway 47 bridge over the Missouri River near Washington, Mo., was featured in a *Washington Missourian* article about his partnership and friendship with Tim Hellebusch, CE'93, resident engineer for the Missouri Department of Transportation's bridge project. Hellebusch and Kriete both graduated from St. Francis Borgia Regional High School 30 years ago.

**Beth Matthews**, MS CE'08, vice president of operations for Illinois American Water, was named to the board of directors of the Illinois Manufacturers' Association.



## HONORING PROFESSIONAL ACHIEVEMENT

During the 2019 spring commencement ceremony, **Al Kaplan**, CE'72, owner of Energy Projects Consulting, was presented a Missouri S&T Award of Professional Distinction. The award recognizes outstanding S&T graduates for their professional achievements.



## STUDENT SPEAKER

**Levi Noring**, CE'13, ArchE'13, MBA'19, was one of four graduating students who spoke Friday evening at the 2019 commencement ceremony. "My undergraduate studies at S&T, in conjunction with campus involvement and internships, were undeniably a springboard for my career at Black & Veatch," said Noring. "A distance education from S&T allowed me to continue my education through the demands of a career."



## HARMS HONORED BY ACEC

SCI Engineering CEO **Mark Harms**, CE'83, MS CE'85, was welcomed into the American Council of Engineering Companies of Illinois (ACEC) College of Fellows, a distinguished class of engineers selected by their peers as deserving recognition for exemplary contributions to the profession.

## WITH APPRECIATION

Missouri S&T gratefully recognizes the lead donors to the Kummer Student Design Center expansion and thanks them for their support.

- **Richard**, CE'69, MS EMgt'73, and **Nancy Arnoldy**
- **Brinkmann Constructors**
- **Frederick**, CE'55, and **June Kummer**
- **Roger**, CE'70, MS CE'73, PhD CE'77, and **Karen LaBoube**.

## FUTURE miner



Erik Lorince, AE'10, and his wife, **Kierstyn (Harvey)**, CE'09, had a girl, Sofie Kathleen, on Oct. 5, 2018. She joins sister Emma, 4.

**John Osterhage**, CE'08, chief of the emergency management branch of the U.S. Army Corps of Engineers, gave a presentation about the 2019 flood response for the St. Louis chapter of the Society of American Military Engineers.

**James Parks**, CE'04, was named senior design manager for Castle Contracting. He previously served as senior project manager at Gasper Professional Services, assistant project manager at CDG Engineers, and project engineer at Crafton, Tull and Associates.

**Brent Portell**, ArchE'09, was named operations manager for Del Rey Avocado in Vista, Calif.

**Bob Swacil**, CE'06, was promoted to senior project manager with Brinkmann Constructors.

**Chris Vaeth**, CE'02, vice president of McCown Gordon Construction in Kansas City, was named to the *Engineering News-Record* list of 40 Top Young Professionals in the Midwest Under 40.

## 2010s

**Katie Bartels**, EnvE'17, MS EnvE'20, was featured with her cat, Hank, in a story about emotional support animals on public radio station KBIA. Bartels was also chosen as a student speaker for S&T's spring 2020 commencement.

**Leslie Cerny**, CE'15, ArchE'15, was named vice president at Gateway Land Services, an engineering and land surveying company.

**Emily Echele**, CE'18, ArchE'18, joined S.M. Wilson and Co. as a project engineer. She worked for S.M. Wilson on an apartment complex project as an intern during summer 2018.

**Kayla Stephens**, CE'15, was hired to head the Union, Mo., public works department. She is only the second public works director in Union history. Previously, she was a project engineer for Byrne and Jones Construction.

**Caleb Strickland**, ArchE'18, joined his family's business, Strickland Engineering, in Jackson, Mo., making the company a three-generation company.

# IN



# MEMORIAM

Remembering the following Miner Alumni who have passed away.

## 1940s

**Gordon E. Raymer**, CE'49, (April 26, 2019)

## 1950s

**William F. Bucha**, CE'50, (Aug. 25, 2017)

**Jack K. Coffelt**, CE'50, (Dec. 15, 2018)

**Kenneth L. DeLap**, CE'52, (Nov. 23, 2018)



**Jack L. Eason**, CE'53, was a member of Pi Kappa Alpha, Blue Key and Chi Epsilon and worked on the *Rollamo*. He served in the U.S. Navy during the Korean Conflict and then joined his father in the structural engineering business. (Jan. 3, 2019)

**Robert V. Faith**, CE'50, (July 31, 2019)

**Andrew J. Gazda**, CE'59, (Aug. 13, 2019)

**Arthur G. Gore**, CE'50, (Jan. 7, 2019)

**Robert D. Jenkins**, CE'53 (Nov. 25, 2018)

**Bernard R. Juskie**, CE'54, (Sept. 16, 2019)

**Eugene J. Laytham**, CE'52, (May 20, 2019)

**Jack A. Liebsch**, CE'50, (Dec. 1, 2018)

**Bruce F. Miller**, CE'50, (Feb. 28, 2019)

**Carl Gene Penzel**, CE'55, (Nov. 20, 2018)

**James F. Roberts**, CE'53 (Nov. 28, 2018)

**Jack R. Sale**, CE'51, (Feb. 6, 2018)

**Joseph A. Shewski**, CE'58, (July 21, 2019)

**Paul H. Slinkerd**, CE'59, (Nov. 12, 2019)

**Clifford C. Tanquary**, CE'57 (Nov. 1, 2018)

**R. Milton Terry**, CE'50, (Jan. 10, 2019)



**Ronald E. Volker**, CE'59, was a member of Chi Epsilon, Tau Beta Pi and the Newman Center. He retired from McDonnell Douglas Corp. in 1994 as branch chief of structural dynamics and loads. (Sept. 19, 2019)

## 1960s



**Howard L. Blevins**, CE'60, earned his PE license in 1963. He retired in 1997 after 37 years as chief of design for the department of the president of the Board of Public Service in the city of St. Louis. (May 13, 2019)

*(continued on the next page)*

**Aylmer P. Cheng**, CE'62, (Oct. 25, 2018)

**Robert L. Craig**, CE'61, (Jan. 25, 2019)

**Jerry A. Gillette**, CE'64, (July 27, 2019)

**David M. Griffith**, CE'64 (Dec. 9, 2018)

**Gary F. Gronemeyer**, CE'63, (Nov. 27, 2019)

**Floyd H. Hahn**, CE'62, was a member of the American Society of Civil Engineers, the Independents and the Residence Hall Association. He served in the U.S. Air Force during the Korean Conflict and retired from Busch Entertainment Corp. as a senior project manager in 1997. He was a member of the Order of the Golden Shillelagh. (Feb. 28, 2019)

**Michael J. Jersa**, CE'65, (Aug. 10, 2019)

**Kenneth T. Klebba**, CE'60, (Aug. 2, 2019)

**George D. Leaming**, CE'68, (Oct. 26, 2018)

**Joseph J. Long**, CE'68, (Nov. 4, 2018)

**Charles R. Martin**, CE'65, (Sept. 15, 2019)



**Jack D. Nelson**, CE'61, retired from the U.S. Army Corps of Engineers in 1989 after 30 years as a hydraulic engineer. (Aug. 12, 2019)



**Lowell B. Patterson**, CE'66, was a member of Chi Epsilon, Tau Beta Pi and Phi Kappa Phi. He worked for the city of Willow Springs, Mo., as the director of public works and city administrator, and retired in 2005. (April 11, 2019)



**Joseph L. Perkins**, CE'61, MS CE'66, was a member of the Independents, the American Society of Civil Engineers and the Society of American Military Engineers. He was commissioned in the U.S. Army and served in Vietnam, Korea and the Dominican Republic, where he earned two Legion of Merit awards and two Bronze Stars among numerous other medals. After retiring from the Army, Mr. Perkins worked for Frank Moolin and Associates, the Texas Department of Transportation, and the Alaska

## LEN KIRBERG, CIVIL ENGINEERING LEADER, PASSES AWAY



Kirberg

**Len Kirberg**, CE'66, died June 19, 2019. Following graduation, he began his career with McDonnell Douglas Corp., and in 1967 he joined Horner & Shifrin Inc., where he spent the next 38 years of his career. Mr. Kirberg retired as chairman, CEO and president of the company in 2004. A licensed professional engineer in Missouri and Illinois, Mr. Kirberg was active in numerous professional organizations and served as past president of the Engineers' Club of St. Louis, the St. Louis Section of the American Society of Professional Engineers, the St. Louis Chapter of the Missouri Society of Professional Engineers and the Consulting Engineers Council of Missouri. A member and past president of the Missouri S&T Academy of Civil Engineers, Mr. Kirberg was a member of the Order of the Golden Shillelagh and was an active member of the Miner Alumni Association. In 1978, he was awarded a professional development degree in engineering management, and in 1986 he received an Award of Professional Distinction in civil engineering.

Department of Transportation and Public Facilities. He also founded Perkins Consulting. (March 25, 2019)

**Bill J. Pfefferkorn**, CE'61, (Feb. 2, 2019)

**Allen H. Schwartzburt**, CE'60 (Feb. 3, 2018)

**Dale E. Sukow**, CE'64, MS CE'66,  
(Feb. 4, 2019)

**Randall L. Vest**, CE'66, (Feb. 28, 2019)

**David H. Zimmerman**, CE'69,  
(Sept. 27, 2019)

## 1970s

**Claude W. Bagby**, CE'75, (Aug. 25, 2019)

**Kasi V. Bendapudi**, MS CE'71,  
(Feb. 17, 2019)

**Thomas J. Domagalski**, CE'76,  
(Sept. 12, 2019)

**Ronald L. Entwistle**, CE'76, (Sept. 25, 2019)

**Douglas A. Hopkins**, CE'72, (Nov. 13, 2018)

**Warren N. Keith**, CE'72, (Dec. 6, 2018)

**Arthur F. Lampe**, CE'75, (Nov. 17, 2019)

**Michael W. McGavock**, CE'76, MS CE'78,  
(March 17, 2019)

**Thomas C. Miller**, CE'76, (May 28, 2019)

**Charles L. Raab**, CE'74, (Nov. 14, 2018)

## 2010s

**Robert John Bogen**, CE'18, (May 5, 2018)

## IN MEMORIAM



### Dr. Sotirios Grigoropoulos

**Dr. Sotirios G. Grigoropoulos**, professor emeritus of civil and environmental engineering, former director of the Environmental Research Center and former director of the professional training program in water supply and pollution control, died Jan. 27, 2019. Dr. Grigoropoulos joined the S&T faculty in 1960 and served until 1982. He earned a chemical engineering degree from the National Technical University of Athens in 1955, and a master of science degree in chemical engineering in 1958 and a doctor of science degree in environmental and sanitary engineering in 1960, both from Washington University. Dr. Grigoropoulos' research focused on water pollution control and water purification.

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# STRONG SUPPORTERS OF CAREE



## CHESTER HUGH BAKER

**Chester Hugh Baker**, CE'55, died Jan. 27, 2019. He was 104. Mr. Baker worked at the U.S. Geological Survey in Rolla for more than 30 years, retiring in 1981. He is the namesake of the Chester and Evelyn Baker Greenhouse, located on the roof of the Butler-Carlton Civil Engineering Building. A registered professional engineer, Mr. Baker was a member of the American Society of Professional Engineers, the Missouri Society of Professional Engineers, Chi Epsilon Honor Society and the Potosi Masonic Lodge 131.

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## MAURITA STUECK

**Maurita Stueck**, who helped establish a lecture series and endowed a scholarship at Missouri S&T, died March 24, 2020, at age 97. Mrs. Stueck earned a degree from Washington University in St. Louis and valued the importance of higher education. She established the Stueck Distinguished Lecture Series for civil, architectural and environmental engineering at S&T and an endowed scholarship in the name of her husband, **Cornelius Frederick Peter "Neil" Stueck**, CE'43. Mrs. Stueck served on the Board of the St. Paul Theological Seminary in Kansas City, as well as the Girl Scouts of Greater St. Louis and the American Association of University Women branches in St. Louis. She was also active in the Wednesday Club of St. Louis and the St. Louis chapter of Phi Beta Phi.

# REMEMBERING FORMER CHANCELLOR JOHN F. "JACK" CARNEY III



Carney

**Dr. John F. "Jack" Carney III**, former chancellor of Missouri S&T, died Wednesday, April 24, 2019, at his home in Cambridge, Massachusetts. He was 77.

Dr. Carney's appointment as chancellor at Missouri S&T began on Sept. 1, 2005. He retired on Aug. 31, 2011. He led the decision to rename the campus in 2008 to Missouri University of Science and Technology to better position the campus as a nationally recognized technological research university. He also presided over S&T's \$127.8 million Advancing Excellence fundraising campaign.

S&T initiated or completed several major projects during Carney's tenure — all benefiting from private funds during a time of declining state support. They include the construction and renovation of Toomey Hall; the completion of the first building of Innovation Park; construction of the Miner Dome Indoor Practice Facility for athletics; construction of a new fitness center and varsity weight and cardiovascular training rooms; and construction of the Kummer Student Design Center. He also secured private funding and bond financing for James E. Bertelsmeyer Hall, which was completed in 2014.

A native of Massachusetts and a civil engineer by profession, Dr. Carney held a bachelor of science degree in civil engineering from Merrimack College in North Andover, Mass., and master of science and Ph.D. degrees in civil engineering from Northwestern University in Evanston, Ill.

## THE JACK CARNEY PUCK AND PLAZA

Please join us in honoring Jack's legacy on our campus. Consider making a gift that will help transform a well-loved campus icon into a destination at the heart of campus: the Jack Carney Puck and Plaza. This plaza will expand the footprint of the existing Puck and raise the visibility of the campus landmark with the addition of a large circular plaza and seating, and new landscaped green spaces featuring native shrubs and grasses.



Jack and Pat Carney

For more information contact **Tory Verkamp**, assistant vice chancellor for university advancement, at 573-341-6090 or [verkampv@mst.edu](mailto:verkampv@mst.edu) or to make your gift online visit S&T's crowdfunding website ([crowdfunding.mst.edu](https://www.crowdfunding.mst.edu)) and select the Jack Carney Puck and Plaza.





# GIVING back

The civil, architectural and environmental engineering department gratefully acknowledges the many donors, corporations and friends recognized here.

You are the champions, advocates, investors, partners and true believers who continue to change lives and transform the future.

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## 1950

Russell Day

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Hulon D. McDaniel

## 1952

Thomas S. Abernathy

## 1955

James W. Marlow

## 1956

David G. Edmonds  
Willis G. Grinstead  
Richard A. Hughes  
David L. Ketcham  
Raymond H. Tauser  
LeRoy E. Thompson

## 1957

John Bayless  
Richard Heagler Sr.  
Robert W. Schneider

## 1958

Philip W. Jackson  
William J. Luebbert  
Larry B. Meyer  
Eugene R. Russell Sr.  
Humbert E. Sfredo

## 1959

Leo Bowlin Jr.  
Rex A. Gilmore Jr.  
James Godsy  
Don E. Henderson  
Alan H. McHugh  
Gerald O. Selle  
James L. Shoemaker  
Gaylon G. Smith

## 1960

Ronald J. Boss  
Karl Daubel  
Gordon R. Hyatt  
Kenneth D. Jobe  
Donald L. Logsdon  
James T. Lovelace Sr.  
B. Douglas Munsell  
Frank Watson

## 1961

Richard L. Brake  
Gerald E. Brunkhart  
Orville L. Hake  
Richard A. Hampe  
Robert A. Harris  
John Kincaid  
John F. Merritt  
Robert B. Pettibon  
Merle Southern  
Roger C. Weber  
Robert Whitehead

## 1962

Arthur Daoulas  
Dale L. DeLarm  
Gary L. Ferguson  
Sidney L. Fields

## 1963

Robert L. Arms  
Glenn M. Brown  
Edward G. David  
Lester R. Erisman  
Forman W. Hardwick  
Richard A. Kahl  
Jerome Klier  
Robert E. Markland  
Wade A. Martin  
Donald L. Peterson  
Robert H. Sieckhaus  
James Van Buren

## 1964

Stanley B. Adams  
Carl D. Conley  
Dennis E. Covell  
Bernard C. Ebert Jr.  
C. Stuart Ferrell  
Daniel J. Harris  
Alan A. Kamp  
T. Harrell LaRose Jr.  
John Long  
Charles G. Lyons  
James M. Norausky  
James P. Odendahl  
Stephen D. Ombalski Jr.  
Lyle L. Pruitt  
Richard F. Raber  
Robert L. Stuart  
Graham G. Sutherland III  
Clarence R. Warning

## 1965

Charles H. Atkinson  
Roger A. Dorf  
Larry L. Erwin  
Joe Hohman  
Michael J. Jersa\*  
Gregory Junge  
Robert L. Otto  
William E. Polka  
Roger H. Stickler  
Wayne M. Zimmerman

## 1966

Laton D. Allison  
Donald E. Bennis  
Raymond R. Betz  
Robert B. Bridges  
Matteo A. Coco  
David M. Duree  
John Henry  
Thomas H. Jordan  
Philip A. Jozwiak  
Larry W. Littlefield  
Ranney W. McDonough  
Ramanlal A. Patel  
Roy D. Rice  
Robert L. Temper  
Raymond Walts

## 1967

Paul Darnell  
Donald E. Dasaro  
William J. Graham  
John Mathes  
Dale R. Merrell  
Robin R. Mingo  
Thomas M. Petry  
R. Bruce Van Dover  
William D. Webb

## 1968

Charles M. Andrew  
Richard F. Astrack  
Charles S. Bach Jr.  
Kenneth G. Baer  
Charles R. Barger  
Douglas A. Brockhaus  
Henry E. Brown  
Dave W. Dearth  
John Doyle  
Aloys H. Faenger Jr.  
Lynn A. Frasco  
William J. Green  
Alan L. Haag  
Stephen S. Johnson

*(continued on the next page)*

Ronald K. Landwehr  
Lonny Ludwig  
Dewayne P. Mabry  
Thomas J. Pokrefke Jr.  
Robert K. Storck  
Stuart M. Storrs  
Melvin L. Sundermeyer

## 1969

Fredrick P. Achelpohl  
Richard Arnoldy  
Richard T. Berning  
Harry F. Beyer Jr.  
Thomas S. Borgmeyer  
Robert L. Brinkopf  
Michael E. Dace  
Thomas M. Feger  
Gerald W. Hitt  
Wayne L. Kerns  
John J. Moll  
David C. Pfeiffer  
Terrance J. Ridenhour  
Alvin D. Wansing  
James F. Watkins Jr.  
Thomas L. Zenge

## 1970

Melvin R. Allison  
Francisco M. Benavides  
Edward F. Books  
Charles E. Byers  
Lynn B. Calton  
Larry Chung  
Robert G. Durney  
James A. Ford  
Michael M. Frieze  
Der-Wang Jan  
Raymond J. Jansen  
Thomas E. Kuhn  
William R. Lewis  
Abraham H. Loudermilk Jr.  
Mark F. Moran  
Gerald F. Mouser  
Jerry Parsons  
Joseph Reynolds  
Richard G. Rogers  
John S. Schnake  
Lynn O. Shafer  
Charles A. Smith  
Frank Y.S. Sun  
Bruce G. Taylor  
Peter Wagner  
Clyde F. Wakefield  
James Wege  
Robert J. Wesely  
Thomas F. Wolff

## 1971

Lee S. Austin  
Herbert R. Bailey  
James A. Bell  
Ronald A. Brendel  
Robert G. Butchko  
Gary W. Creason  
Norman D. Dennis Jr.  
Thomas G. Durham  
Gordon L. Erickson  
Archibald M. Gallup  
Edward M. Halter  
Thomas M. Hayden  
August E. Heck Jr.  
Charles E. Powell  
James F. Raithel  
David N. Richardson  
Henry W. Sandhaus  
Otto B. Sandheinrich Jr.  
Robert F. Smart  
Wayne D. Smith  
Charles H. Tayloe

## 1972

Melvin W. Baldus Jr.  
John Beale  
Phillip L. Brown  
Steven M. Burke  
Teriel E. Burke  
Alan W. Carson  
Frank R. Ellis II  
William J. Ernst Jr.  
Gary D. Forsee  
Dominic J. Grana  
Dale L. Houdeshell  
Samuel M. Huston  
Alard Kaplan  
Keith E. Konradi  
Richard J. Laschober  
Gary M. Neutzling  
Ralph M. Partridge  
Marcus D. Ramsey  
Richard J. Riegel  
Michael W. Stallion  
Dennis L. Stephens  
Dale E. Williams  
Hau-Tak Wong

## 1973

John Baker  
Barry M. Bergman  
William P. Cunningham  
Steven B. Dierker  
Gary R. Henderson  
David A. Knoll  
Kenneth Kuechenmeister

Rich Peters  
Eric R. Potts  
Lynne E. Puetz  
Dana V. Reel  
Richard M. Vaeth  
Edward N. Wade  
Frank M. Yates

## 1974

Roy O. Bachmann  
David R. Breece  
James B. Brendel  
William P. Clarke  
John Critchfield  
Kenton Cropp  
David A. Dunavant  
James L. Foil  
James E. Frey  
Dennis Michael Hayden  
Michael D. Hurst  
Bruce L. Johnson  
Danny L. Kerns  
Ray Kothe  
DeAnn Lewis  
Jonathan Motherwell  
Ray L. Purvis  
Ali A. Selim  
Ronald E. Sherard Jr.  
Ricky D. Smith  
Willard B. Smith  
Steven M. Tillman

## 1975

David A. Colvin  
George C. Cornwell  
Larry R. Finley  
Bernard D. Held  
David R. Lewis  
Rodney E. Linker  
Joseph Mansker Jr.  
Thomas J. Mittler  
Robby Rakestraw  
Thomas J. Rechtien  
Kevin Skibiski  
Craig G. Thomson  
George J. Timmermann  
Dennis L. Wood

## 1976

Terry L. Arndt  
Bruce W. Haigh  
Gregory G. Haug  
Gregory K. Hicks  
Danny J. Klopfer  
Clifford A. Mahin

Dennis M. Simon  
Kimberly M. Simon  
Michael E. Woessner

### 1977

Keith Cowan  
Stephen C. Kienstra  
Patrick K. Owen  
Brad R. Parrish  
Gary A. Ruhling  
Paul C. Schnoebelen III  
D. Larry Van Houten  
John Wenzlick  
Ronald J. Williams

### 1978

William M. Everett  
Thomas W. Fennessey  
Thomas R. Gredell  
Alan W. Green  
Michael A. Heitzman  
Charles L. Holcomb  
Kenneth R. Holtgrieve  
James M. Ivy II  
Jim Rau  
David G. Winter  
Robert W. Yin

### 1979

Reginald H. Benton  
Donald C. Birchler  
Kenneth Burg  
Kevin Eisenbeis  
Kirk R. Hastain  
Jimmie Myers  
Michael W. O'Daniell  
Susan J. Whitener

### 1980

Gary J. Amsinger  
Karim Asfour  
Harlan R. Ashton  
Paul D. Booher  
Cherie Cowan  
James A. Durham  
William W. Glauz  
Sandra M. Hoelscher  
Simmons  
Michael J. Perry  
Steven A. Ruether  
David W. Schmitt  
Gary L. Strauss  
David B. Thompson  
James L. Wessel  
Benjamin P. Winter

### 1981

Ralph Agee  
Randall G. Dreiling\*  
John W. George  
John Hart III  
Bonnie S. Hubert  
Mark R. Jourdan  
Allen G. Minks  
Rhonda S. Powers  
Thomas Renick  
Roddy Rogers

### 1982

James Allmeyer  
Stephen B. Hinkamp  
Raymond J. Kopsky Jr.  
Ted Martin  
David M. O'Connor  
Kevin Sutterer  
Wade White  
Bruce Wundrack

### 1983

Mark Grossenbacher  
Mark Harms  
Caroline Israel  
Dan Israel  
Joel Mahnken  
Glenn E. Noe Jr.  
Florence O'Leary  
Kathy Schmitt  
Charles E. Taylor  
Wesley G. Villhard  
Anne L. Welty  
Lawrence E. Welty  
Gregory Wilhelm  
Renate A. Wilkinson  
Paul L. Wojciechowski

### 1984

Douglas A. Jackson

### 1985

Greg M. Bolon  
Gregory C. Busche  
Linda Busche  
H. Gene Eagle  
David Endorf  
Michael J. Frayne  
Karin M. Jacoby  
John Komlos  
Andrew R. Maly  
Sally Prakash  
James N. Pyatt  
Robert Randolph

Kevin Riechers  
Vince Smith  
Mark Robert Warnecke  
Gary John White  
Lindle Willnow

### 1986

Kimberly Curry  
Carla Higgins  
Ronald Jagels  
Linda Komlos  
Brian McElroy  
William T. Priesmeyer  
Kevin Raines  
Diane Rinck  
Gregory L. Schick  
David E. Schledorn  
Natalae Tillman

### 1987

Bruce Cain  
Robert Green  
Robert R. Holmes Jr.  
James Kreher  
Charles Meyer  
Steven Sieckhaus  
Rachel Wilhelm

### 1988

Craig Borgmeyer  
Rich Bradley  
Jeffrey L. Grandcolas  
Ryan Howard  
Timothy Hudwalker  
Edward Shepard Jr.  
Thomas Sieckhaus  
Ronald Urton Jr.  
Randall Vogel  
Vernon Vondera

### 1989

Stephen Brady  
John E. Finke  
Jennifer L. Hinson  
James W. Smith  
John Zimmermann

### 1990

Michael Buechter  
Stephanie Hall  
Russell Henke  
Robert Hickman  
Claudia Hoeft

*(continued on the next page)*

Amy Strauss  
Jeri M. Vondera  
Susan Zimmermann

## 1991

Michael Burke  
Melissa Corkill  
Dirk Gowin  
Keith Hansen  
Joanne Holmes  
LaWanda M. Jones  
Gregory Sallee  
Todd Waelterman

## 1993

Steven Hoernig  
Daniel Jones  
Eric F. Seaman

## 1994

Kevin Alexander  
Sean Antle  
Susan Barry  
Boyd Denson  
Daniel Dreisewerd  
David Edgar  
Brett Goodman  
Kurt Higgins  
Todd Oppeau  
Aswath V. Rao  
Christina Sfreddo  
Jason Stratman  
Krista L. Strong  
Steven Weible

## 1995

Gary W. Hines  
Shannon Howe  
Mark Benjamin Joersz  
Brent Massey  
Jerome Riemann  
Amelia G. Sanders  
Darin Sanders

## 1996

Laura Alberswerth  
Michael Alberswerth  
Jeffrey Jacob Boschert  
Kevin Como  
Donald Wayne Crites  
David Hamilton  
Steven Lusher  
Travis Lynch  
Peter Manis  
Aaron Metzger  
Christina Steck

Rebecca Steinman  
Brandi Stratman  
Jenifer Tatum  
Mary Varadin  
Christopher Ward

## 1997

Joel Asunskis  
Craig Dahlgren  
H. Joseph Dickerson  
Robert Hembrock  
Robert Moody  
Scott Preston  
John C. Smith III  
Kathy A Thomas  
Robert Varadin  
Elizabeth Ward  
Emily Wehmeyer

## 1998

Amy M. Buatte  
Stephanie Como  
Jerry Gander  
Rebecca Hovland  
Keith Juedemann  
Cassin Reiter  
Cory Reiter  
Jeffrey Riepe  
William Shores Jr.  
David Tag  
Daniel Van Anne  
Sheryl Van Anne

## 1999

Victor J. Buatte  
Jason Dohrmann  
Daniel P. Ellis  
Jason Haynes  
Jane Manis  
Joshua P. Smith  
Sutton F. Stephens

## 2000

Alissha Feeler  
Courtney Ryan Feeler  
Martin Hovland  
Larry Taber  
Wesley E. Tull Jr.

## 2001

Michael James Smolinski  
Matthew Swenty

## 2002

Christopher Bilderback  
Rebecca Bilderback  
Jason Jeffries  
Shannon Jeffries  
Nathan Tritsch

## 2003

Paul Findlay  
Jonathan Marburger  
Anna Swenty

## 2004

Erik Backus  
Jonathan Ballmann  
Sudeep U. Deshmukh  
Curt Kimmel

## 2005

Nathaniel Bachelor  
Binggeng Lu  
Krista Wolfe

## 2006

Cynthia Pearl Bolon  
Steven C. Casteel  
Feifei Lu  
Bryan Newman  
Yingwu Teng  
Matthew Voss

## 2007

Matthew Flint  
Kurt Haslag  
Amol Sawant

## 2008

Joseph R. Cravens  
Todd A. Koenig  
Kandi R. Spraggs  
Derek Tichy  
Courtney E. Willey  
Nichole L. Witushynsky

## 2009

David H. Coe  
Andrew Kalicak  
Leo J. Peirick III

**2010**

Andrew B. Becker  
Christopher P. Bellavia  
David T. Lewandowski  
Kurt Reinkemeyer  
Samantha Lauren  
Weidenbenner

**2011**

Courtney Kuelker  
Matthew R. Kuelker  
Adam C. Morgan  
Aaron J. Trenshaw  
Renee Trenshaw  
Alexander R.  
Weidenbenner  
Jordan L. Wilson

**2012**

Gregory Beerman  
Jesse J. Dean  
Samantha Dean  
Matthew L. Holmes  
Caitlin Kalicak  
Stephanie L. Miller  
Daniel L. Ryan  
Shahd W. Ryan  
Matthew J. Schultz  
Annelise Smith  
Matthew J. Spreng

**2013**

Anna G. Bellavia  
Alex M. Griffin  
Scott McDonald  
Molly R. Prickett

**2014**

Julius O. Ajewole

**2015**

Amanda J. Griffin

**2017**

Clara L. Smith

**2018**

Michelle Reed

*\* denotes deceased*



**Bruce Wundrack**, CE'82, recently shared this photo of his grandfather, **Aaron J. Miles**, ME'30, MS ME'31, former S&T faculty member and first dean of the School of Engineering, flying a homemade glider in Rolla in the 1930s. The story passed down to Wundrack details a doomed flight that started when a group of students used a car to get the glider, piloted by Miles, up to speed before releasing it. The glider crashed soon after. Miles broke a few bones, but the experience gave him a story to pass down to generations of Miners, including his son, **John Bruce Miles**, ME'55, MS ME'57, and Wundrack's father, **William Wundrack**, EE'49, and Bruce Wundrack's son, **Aaron Wundrack**, MinE'14, MS MinE'16.

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Susan E. Dearth  
Sandra Dorf

Kim Farr  
Nancy Hahn  
Nancy Hatch  
Peggy R. Henderson  
Naomi Key  
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Mary Sheffield Wray  
Jeffrey Smith  
Gretchen H. Stock  
Ellis Watson  
Dottye E. Wolf  
Warren Wray

*\* denotes deceased*

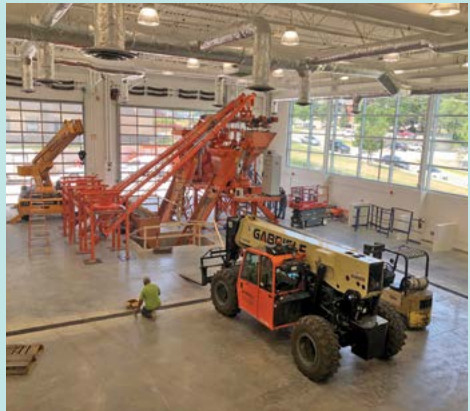


# CLAYCO ACML

## DEDICATION AND OPENING

The Clayco ACML is nearing completion, with the dedication to be broadcast virtually during Homecoming 2020 events on Oct. 16. The \$7.5M facility will soon be open for business. A recent grant from the Sunderland Foundation for \$1M was instrumental in completing the project, which provides unmatched facilities for infrastructure research and education for future generations of Miners.

For more details contact **Dr. Joel Burken**, by email at [burken@mst.edu](mailto:burken@mst.edu).



Chancellor Mo Dehghani and UM System Curators Robin Wenneker and Greg Hoberock visit the Clayco ACML in August 2020.



# Civil, Architectural and Environmental Engineering

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### Miners will begin calling mid-October.

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