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Common Ground Newsletter Fall 2018

Missouri University of Science and Technology

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Common Ground

Civil, Architectural and Environmental Engineering



**A competitive
drive to win**

page 12

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Rise to the Challenge

EWB Goal page 9

From the Chair



In reviewing the 2018 Common Ground, I was yet again amazed with our programs and legacy. Our students' design team accomplishments certainly highlight their capabilities. And envisioning those students as leaders for decades to come is simple. The Solar House Design Team is just one example. Student **Jennifer Nichols** led the team to design and build an architectural masterpiece to operate off-grid. The team finished an impressive fourth internationally, behind Switzerland, the Netherlands and the University of Maryland. Our CAEE students were clear leaders for this multidisciplinary team from inspiration to presenting the SILO House to the international judges at the Decathlon. How can one not be impressed with this team, as well as the Steel Bridge (regional champions), Concrete Canoe, and our students in Engineers Without Borders? Our students continue to inspire across our profession.

While our students are remarkable, the transition to accomplishments of our alumni as leaders is what builds our reputation. Looking at our alumni news on page 14, there are many examples of leadership and reputation building from coast to coast. Seeing alumni receive recognition such as "Engineer of the Year" for **David Winter**, CE'78, for his work and leadership as president and CEO of Hart Crowser, and "Metal Construction Hall of

Fame" recognition for **David Evers**, CE'72, are testaments of what our Miners can accomplish. We also see similar national recognitions for our first class of Greenberg Scholars, bringing visibility and prestige for not just them, but also for all students and alumni. The Greenberg Scholars Program is also a great example of setting the path for future Miners. Support from **Aaron Greenberg**, CE'50, paved the way for not just this first class of undergraduate civil engineering students to pursue independent research and transition into graduate school, but support that will be in place for future generations of CAEE students and position them to become international leaders in their field.

The future of our educational programs in CAEE at Missouri S&T is certainly bright and getting brighter. I personally invite each of you to participate in our journey to reach our vision as a premier educational and research institution. This Oct. 12, we'll have a kick-off and groundbreaking ceremony for the Advanced Construction and Materials Laboratory (ACML) addition to Butler-Carlton Civil Engineering Hall during Homecoming. The 16,000-square-foot facility will be a notable step as we look to be leaders in advanced infrastructure engineering for decades to come. The ACML project was 100 percent funded without state funding! We have an impressive team when we put our collective efforts to the task at hand.

Join our Facebook or LinkedIn pages to follow our up-to-date activities and accomplishments of our students, alumni and faculty. And please send us your news to share with fellow alumni and also promote accomplishments to our current students as we inspire them to be leaders of the next generation and to challenge all Miner alumni to "change the world!"

Sincerely,
Joel Burken
Ph.D., P.E., BCEE, F.AEESP
Email: burken@mst.edu



Greenberg SCHOLARS

These top students are ambitious, curious and driven. They engage in hands-on experiences and are leaders.

As one of our Vision 2020 accomplishments, the Aaron and Zelda Greenberg Scholars Program incorporates an estimated 5-10 students, annually, who work with faculty advisors to develop a program of independent research study that weaves through both B.S. and M.S. degree programs. Faculty advisors seek to find meaningful projects and incorporate external internships or other scholarly experiences along their path to enhance not only the Scholars' academic development, but also their professional skillset. The inaugural group is finishing up their work at Missouri S&T and ready to make their mark as Miner alumni. Read on to learn about a few of our Greenberg Scholars.

★ Michael Janke

Research Topic: Validation of Composite Strengthening Technologies Through Field Application

Mentor: Dr. John Myers

Internship: American Building Systems

Career Projection: I accepted a position with KPFF Consulting Engineers in St. Louis. I will be a part of a team of structural engineers taking on a wide variety of projects, including building design, structural evaluation and historic renovation.

“Research allowed me to see hands on what I was learning in class. Additionally, I was able to learn more in depth information on things I was interested in. I also got to see the process of how we learn about new materials, and try to characterize them for future use.”





★ Alexis Lee

Research Topic: Sustainable Materials

Mentor: Dr. Mohamed ElGawady

Awards: Glysson National Scholarship, Chi Epsilon; First and Third Place, Poster Competitions, Missouri S&T

Internships: MoDOT (surveying, transportation design, construction, traffic); Jacobs Engineering, St. Louis, Intern, Civil Engineering, Highway Design and Structural Engineering

Career Projection: I have been working for Jacobs Engineering (the number one ranked design firm in 2018 according to *Engineering News Record*) the past three summers. I am projected to graduate with my master's in structural engineering with the hopes of obtaining a full-time position as a structural engineer. My goal is to obtain my PE and SE licenses and hopefully move into management.

"I've accelerated my academic career and reached new heights that I never would have achieved without the Greenberg Scholars Program. I am able to confidently present my work to large audiences and I have been able to think past textbook scenarios to make me more valuable in the engineering industry. This program has helped create a cohesive understanding of my degree."

★ Sarah Jemison

Research Topic: Compressive Behavior of Masonry Columns Confined with Fiber Reinforced Cementitious Matrix (FRCM) Composites

Mentor: Dr. Lesley Sneed

Awards: Greenberg Scholarship; First Place, Undergraduate Research Fair, 2017; Undergraduate Research Day at the Capital, 2018; First Place, Academy of Civil Engineers Poster Contest, 2018; Senior Achievement Award, Spring 2018; Neil Stueck Outstanding Senior Award, 2018; Luke and Billie Snell Scholarship, ACI Missouri Chapter 2017; John A. Focht National Chi Epsilon Scholarship, 2017, Balchem Corp. Scholarship

Internships:

Wallace Engineering, Structural Engineering Intern, 2017; KPFF-STL, Structural Engineering Intern, 2016; American Building Co., Design Engineering Intern, 2014, 2015; CE 2211 Teaching Assistant, Fall 2015, Spring 2018; CE 2211 Graduate Teaching Assistant, Fall 2017, Fall 2018

Career Goals: I will begin my career at KPFF Consulting in St. Louis starting January 2019. In the first few years, I would like to gain experience in the structural design of buildings using several different materials (steel, concrete, masonry, wood, light-framed steel). In the future, I would like to focus on historical building renovations.



★ Chris Moore

Research Topic: Study on End-Anchorage of Steel-Fiber Reinforced Cementitious Matrix Composite (FRCM) - Concrete Joints

Mentor: Dr. Lesley Sneed

Awards: Luke and Billie Snell Undergraduate Scholarship, ACI Missouri Chapter, 2017-18; Jacobs Buildings and Infrastructure Central Region Intern Competition, Summer 2017

Internships: Jacobs Engineering, St. Louis, Structural Engineering Intern, Summer 2017, Winter 2017, Summer 2018

Career Projection: After graduation, I plan to work in the structural engineering field. It is my intent to earn my professional engineering license, as well as my structural engineering license within the next four to six years. My 10-plus-year career goals include moving into more of a project/people management position.

“The Greenberg Scholars Program has allowed me to pursue research that has benefited my education on both a practical and personal level. It’s pushed me to utilize the analytical skills I’ve developed while in school and work alongside individuals with vast amounts of experience and knowledge — both things I never would have been able to do without this program.”



“Getting involved in research has opened my eyes to the techniques used in construction and the innovative processes being developed for strengthening structural members. This has helped me gain an understanding for how structural codes are developed and used by those in practice. Understanding how the codes are developed has not only helped me in my education but in my internships too.”



Concrete Canoe





Photos by Bob Phelan

A SINKING SHIP COULDN'T KEEP THIS TEAM DOWN!

Despite swamping the canoe during the co-ed final endurance race, the Miners took fourth overall at the midwest regionals in Carbondale, Ill. — one step closer to first than last year. They had a great time during the competition and are looking forward to the 2019 race at University of Oklahoma.

» concretecanoe.mst.edu



Puerto Pando,
Bolivia

Engineers

Without Borders



Puerto Pando, Bolivia

» ewb.mst.edu



Puerto Pando, Bolivia



Nahuatate, Guatemala



Puerto Pando, Bolivia

RISE TO THE CHALLENGE

In 2017, the Montana Cahill Foundation, led by S&T alumni **Peggy Cahill Montana**, ChE'76, and **Duane Montana**, CE'75, awarded the largest gift in the history of EWB at S&T: a \$500,000 challenge grant. To date, \$350,000 has been raised in response to the challenge, including a \$250,000 gift from **David**, ME'93, and **Ann Heikkinen**, a \$50,000 challenge from **Rick Stephenson**, S&T professor emeritus of civil engineering and longtime advisor to the chapter, and a \$25,000 gift from **Bipin**, ChE'62, MS ChE'63, and **Linda Doshi**. EWB is only \$150,000 away from reaching its goal of raising \$1 million. For information on matching funds available, contact **Tory Verkamp** at verkamp@mst.edu or 573-341-6090.



Solar House

SILO HOUSE: BEST EVER

The S&T Solar House Team earned fourth place in 2017, its highest-ever Solar Decathlon finish; it was the seventh time that the student team has competed — more than any other university. At the competition, a panel of experts judged each of the houses in 10 different categories ranging from creature comforts, such as appliances and hot water, to architecture and marketability. Each category earned teams up to 100 points out of 1,000 points available, and S&T's team earned a total of 758 points. The City of Denver purchased the SILO House for \$250,000. The house will serve as part of a moderate- to low-income sustainable housing program.

» solarhouse.mst.edu





Steel Bridge



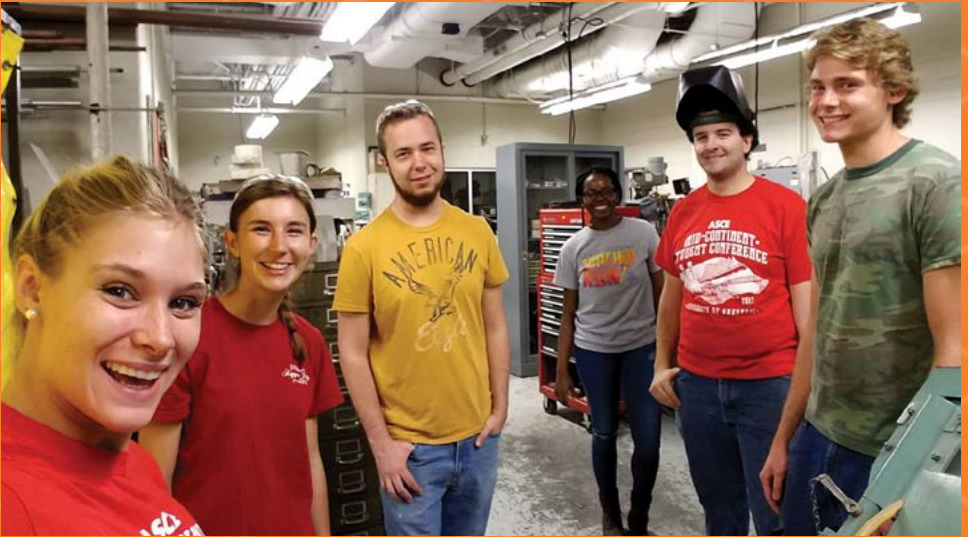
A COMPETITIVE DRIVE TO WIN

The S&T Steel Bridge Team dominated the regional competition enroute to the national finals where they placed 10th in bridge lightness, 18th in speed of construction and 26th overall out of 42 teams. This amazing group of young engineers handled every part of the project, from design and fabrication to construction practice and the professional engineering presentations. We are proud of their competitive drive.

» steelbridge.mst.edu

Midwest
Regional
Champions







ALUMNI

news



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www.mineralumni.com

1950s

Arthur Gore, CE'50: "The most important thing I learned at MSM was how to think."

John Griffith, CE'51: "I would have enjoyed attending the 65th Homecoming for 1951 grads, but I do not ambulate too well these days. My wife, Joan, still walks miles each week, but I manage only a few hundred feet at a time."

Donald W. Spencer, CE'52: "Still alive and loving it. Life has been good to this old CE, no disabling infirmities yet! Not bad for a member of the class of 1952."

Lee M. Wehmeier, CE'51: "It was a proud moment when granddaughter **Jordan L. Wehmeier**, EMgt'15, graduated in December 2015. She is the daughter of **Lee M. Wehmeier Jr.**, ChE'77, and his wife, Susan. Three generations of graduates!"

1960s

Charles H. Atkinson, CE'65: "I finally got old enough to shoot my age (73) at Scottsdale (Ariz.) Starfire Golf Club in March — but I haven't been under 80 since."

Dave T. Flanagan III, CE'67, retired after serving as circuit court judge in Dane County, Wis., for 17 years. He continues as a reserve judge and serves as an attorney for veterans before the U.S. Department of Veteran Affairs, Board of Veteran Appeals and the U.S. Court of Veterans' Appeals in Washington, D.C.

Charles "Chuck" Foster, CE'69, MS CE'70: "I retired from federal service after 20 years in the U.S. Army and 26 years as a federal civilian working in Washington, D.C., and northern Virginia. Worked as an instructor in the civil engineering department for a year before beginning my military career after ROTC commissioning. Great career for my nation and good opportunities for my family. Spent 10 years in Germany and a year in Korea. Training was beneficial to my assignments and tasks. Study hard and learn the material; don't just get a good grade and move on. You'll appreciate it as you progress in your jobs."

Joe Hohman, CE'65: "After 30 years as vice president of Allen and O'Hare Inc. General Contractor, I am enjoying my second career as a project manager with the U.S. Navy at the base in Millington, Texas."

Alan A. Kamp, CE'64, MS CE'66: "I retired as vice president and senior project manager for Black & Veatch in oil and gas. I continue to own and operate Branson Scenic Railway with my wife, Illa."

David Rosenbaum, CE'68, retired in June as vice president of facilities management at Methodist Le Bonheur Healthcare in Memphis, where he worked for 23 years.

Stuart Storrs, CE'68: "After having a very pleasant river cruise along the Danube in 2013 with a number of friends, we learned that my wife, Mary Margaret's, breast cancer had returned in 2014 — 15 years after remission. She was unable to fight the metastasis and passed away in July 2015. I continue to live in Overland Park, with my son, daughter and son-in-law and two grandchildren living nearby. I am hoping to return to Rolla for Homecoming 2018!"

1970s

David E. Evers, CE'72, was inducted in the 2016 Metal Construction Hall of Fame, which honors people's work within the metal construction industry. He was inducted for his work with Butler Manufacturing Co. and the Metal Building Manufacturers Association's Energy Committee. He retired in July 2016 after spending nearly 43 years with the Kansas City, Mo., company.

Nick Heatherly, CE'78, retired as the public works director in Joplin, Mo., on March 31, 2017. He had served three years as city administrator in Willard, Mo., when he took the Joplin job in 2013. Before that, he worked 23 years for the city of Springfield. He was director of building services there for 10 years after being the assistant director of the Springfield Public Works Department.

(continued on the next page)

Richard A. Jones, CE'79, MS EMgt'93, retired from the U.S. Army Corps of Engineers as the Vicksburg District area engineer in the Vidalia (La.) area office.

Kevin Skibiski, CE'75, MS CE'76: "After 40 years, I retired from full-time consulting on Jan. 15, 2017. I teach a course in engineering statics at Missouri State University in the cooperative engineering program with Missouri S&T and do some selective part-time consulting."



David Winter, CE'78, president and CEO of Seattle-based Hart Crowser, was named Engineer of the Year by the American Council of Engineering Companies of Washington.

1980s

Stephen Knobbe, CE'85, was named North Texas office leader for HNTB Corp. He oversees 100 infrastructure professionals and handles operations in the firm's offices in Dallas and Plano, Texas.



Stephanie O'Sullivan, CE'82, former principal deputy director of National Intelligence at the Office of the Director of National Intelligence, was Missouri S&T's May 2017 commencement speaker. In her talk, she encouraged S&T graduates to be willing to tackle big challenges and then do the hard work to back it up.

1990s

Gary Graham, CE'96, was named director of engineering for the city of McKinney, Texas. He most recently served as manager of the capital improvement program and transportation engineering. He has been with the city since 2010.

Danielle Kleinhans, MS CE'99, PhD CE'02, was named vice president of bridges for the American Institute of Steel Construction.

Karun Sreerama, PhD CE'93, was appointed director of the city of Houston's public works and engineering department.

2000s

Somnath Chilukuri, EnvE'00, a veteran in the water and wastewater treatment industry, joined Freese and Nichols as a senior project manager for the Southeast Texas Treatment, Transmission and Utilities Group.



Nathan Clark, ArchE'09, was promoted to director of estimating for Byrne & Jones Construction's asphalt division in St. Louis. Clark will oversee all facets of estimating in the asphalt division, which serves commercial and municipal customers, by building and maintaining parking lots, roads and highways.

Jayne Huseman, CE'00, administrative director of facilities, engineering and development at Blessing Hospital in Quincy, Ill., earned certified healthcare constructor status from the American Society for Healthcare Engineering of the American Hospital Association.

2010s

Cori (Hatley) Austell, CE'16, was promoted to project engineer for LBYD Engineers. LBYD is responsible for the civil and structural design of many major projects in Alabama and the Southeast.

Matt Limmer, EnvE'11, PhD CE'14, a postdoctoral researcher in the plant and soil sciences department at the University of Delaware, was awarded a two-year fellowship from the U.S. Department of Agriculture to study uptake of organic forms of arsenic in rice.

Alex Sellers, CE'11, MS EMgt'12, loves his hometown of Salem, Mo., so much that he helped launch an effort to make it a better place to live and raise a family. He was honored for his efforts in November with the Missouri Community Betterment Adult Leadership Award.



Kayla Stephens, CE'15, joined Byrne & Jones Construction's concrete division as a project engineer to help with estimates and engineering.

The concrete division serves commercial and municipal customers, building and maintaining parking lots, roads and highways.

FUTURE miners



Bansal, Puzach and Miller

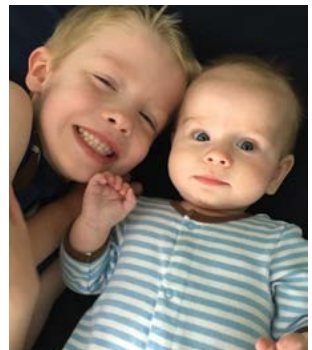
Shawn Meeks, ME'13, and his wife, **Sara (Shafer) Meeks**, ArchE'11, MBA'12, had a boy, Abel Rush, on June 27, 2017.

Christopher Morgan, CE'02, and his wife, **Sarah Phillips-Morgan**, CE'02, MS CE'06, had a son, Matthew Christopher, on Feb. 8, 2016. He joins big brother Levi, 6.

Steve Puzach, CE'09: "Michelle and I got together with my fraternity brothers and their wives and daughters for a weekend in Houston in January and got a picture of our three daughters. On the left is Dia Bansal (daughter of Divya and **Aditya Bansal**, IST'08), the center is Valerie Puzach (daughter of **Michelle**, ArchE'10, and I), and on the right is Olivia Miller (daughter of Melissa and **Ryan Miller**, CSci'09)."



Meeks



Morgan

WEDDINGS



Benjamin T. Brannon, EE'11, and **Anna Osborne**, ArchE'11, CE'11, were married Sept. 5, 2015, in St. James, Mo. The couple has lived in San Francisco for the last four years, but is moving to Australia for a two-year work assignment. The photo was taken in front of Expanding Horizons, Missouri S&T's 2009 solar house, which the Brannons worked on together while members of the Solar House Design Team.



Derek Gaines, CE'13, married Darby Miller on May 20, 2017, in Searcy, Ark. They will reside in Bald Knob, Ark., in a house that they built with their own hands.

DID YOU KNOW?

By visiting the alumni association website you can:

- View myMinerboard
- Update Your Contact Information
- Submit a Class Note
- Search the Alumni Directory
- Request an Official Transcript

mineralumni.com

IN



MEMORIAM

Remembering the following alumni and faculty who have passed away.

1930s



Durward E. Fagan, CE'34, owned S.G. Hayes & Co. in Palos Heights, Ill., for over 75 years, was the former owner of Fagan Antique Auto Museum and

was a founding member of Palos United Methodist Church. He lived to 105. (Oct. 4, 2016)

waste involving chemical companies. During the last 20 years of his career, he was a self-employed consulting civil engineer. Mr. Ballestero was a member of the American Society of Civil Engineers, Society of American Military Engineers, American Society of Highway Engineers, National Society of Professional Engineers and Pennsylvania Society of Professional Engineers and served in the U.S. Army during World War II. (Feb. 14, 2017)

Delmar Breuer, CE'50, (Oct. 13, 2017)

1940s

Robert V. Boaz, CE'49, (Dec. 07, 2016)

Roy B. Deason, CE'49, (Feb. 6, 2017)

Fred J. Miller Jr., CE'49, (Aug. 11, 2017)

Vaughn E. Tippit, CE'49, (Dec. 5, 2015)

Laurence W. Cantwell, CE'50, (May 4, 2017)

Merrill R. Cotten, CE'51, (Aug. 20, 2017)

1950s

Henry R. Atkinson, CE'56, (June 20, 2017)



Earl Robb Dill, CE'53, was a member of the Kappa Alpha Order and choir and orchestra. He served in the Army in Korea in 1946-47 and again in 1950-51.

He worked for Southwestern Bell Telephone in St. Louis and in Texas before retiring after 30 years. (Jan. 18, 2017)



Antonio P. Ballestero Jr., CE'51, co-authored manuals for the Environmental Protection Agency and was an expert on solid

(continued on the next page)



Robert A. Dye, CE'52, was a member of Chi Epsilon. After graduation, he was commissioned into the U.S. Navy. He volunteered and served on the board of the American Red Cross and was a member of his local Kiwanis Club. (July 24, 2017)

Thomas J. Farrell, CE'58, (Dec. 26, 2016)

Andrew E. Knepper, CE'51, (April 16, 2017)

Rolla S. Lush, CE'52, MS CE'57, served in the U.S. Army, retiring in 1972. (May 13, 2017)

Robert W. McLeane, CE'52, MS CE'57 (April 9, 2017)

Harry M. Meyer, CE'57, (June 23, 2017)

Joseph A. Mickes, CE'58, (Sept. 25, 2016)



Edward Landon Niedringhaus, CE'59, MS CE'70, was a member of Chi Epsilon, Army ROTC and Phi Kappa Phi. He served in the U.S. Army and worked as an environmental engineer for the Illinois Environmental Protection Agency. (May 6, 2017)

Robert A. Rapp, CE'50, (June 25, 2017)

Leroy E. Ross, CE'51, (Nov. 10, 2016)

George L. Senior, CE'56, (May 1, 2016)

K. Don Statler, CE'56, (Dec. 7, 2016)

Bennie E. Stephenson, CE'53, (Aug. 17, 2017)

James E. Thompson, CE'53, (Oct. 17, 2016)

Richard N. Thompson, CE'59, (Feb. 3, 2017)

William Weinstein, CE'50, (May 30, 2017)

1960s

Raymond E. Boothe, CE'67, (March 28, 2017)

Ronnie E. Brooks, CE'68, (April 11, 2017)

Lamy J. Chopin Jr., CE'64, (Sept. 20, 2017)



Abram L. Cortelyou, CE'64, was a member of Army ROTC and the Tech Engine Club. He retired from McDonnell Douglas Missile Systems and the Missouri

Department of Transportation, where he was a construction supervisor. (Aug. 17, 2017)

Joe G. Goedde, CE'68, (May 28, 2017)

Ronald J. Hay, CE'66, was general manager of Columbus Asphalt Paving until his retirement in 1999. (Dec. 20, 2016)



Chester A. Henson Jr., CE'67, was a member of Acacia, the St. Pat's Board, Army ROTC, the American Society of Civil Engineers and the Society of American Military

Engineers and was a student knight of St. Patrick. (March 26, 2017)

Donithan R. Jennings, CE'66, (Dec. 26, 2015)



Robert C. Marshall, CE'60, served in the U.S. Army during the Korean conflict and was a member of the Korean War Veterans organization in Rolla.

He retired in 2001 from Archer Engineering in Rolla. (Aug. 23, 2017)

Samuel P. Miller, CE'67, (June 27, 2017)

Maurice L. Northcutt, CE'63, MS CE'64, (Aug. 1, 2017)

Ardeshir Samrad, CE'62, (Jan. 27, 2017)

Joseph M. Schmied, CE'62, (Aug. 7, 2017)



Roy B. Smith, CE'61, was a member of Independents, M-Club, the American Society of Civil Engineers, Honors Association and the Miner swim team. After

graduation he worked for Boeing and then took a job with the federal government specializing in the construction and maintenance of dams and bridges. (April 8, 2017)

Samuel H. Smith, CE'64, (Nov. 17, 2016)

Lee A. Waltrip, CE'62, (Jan. 12, 2017)

Thomas H. Yang, CE'66, (Sept. 3, 2017)

1970s

Terry W. Caldwell, CE'73, (June 3, 2017)

William J. Fleis, CE'76, (April 10, 2017)



Steven M. Lockington, CE'79, MS CE'81, worked at Baker Engineering in Beaver, Pa., before moving to Orlando, Fla., where he worked as a consulting engineer in water resources for 24 years at Boyle Engineering. For the past 10 years, he was manager of the water engineering department at Orlando Utilities Commission. (Sept. 9, 2017)

Robert J. Milne, CE'73, (June 25, 2017)

William E. Plank, CE'71, (July 22, 2017)

Michael G. Quagliata, CE'77, (June 6, 2017)

W. Bruce Rhodes, CE'76, (Aug. 20, 2017)

1980s

Frank Eugene Andrews, CE'82, was a member of Chi Epsilon and Tau Beta Pi. He was an Eagle Scout, and he worked as an engineer at Stone & Webster Inc. and as a senior civil engineer at Bechtel. (Feb. 14, 2017)

REMEMBERING A FACULTY MEMBER

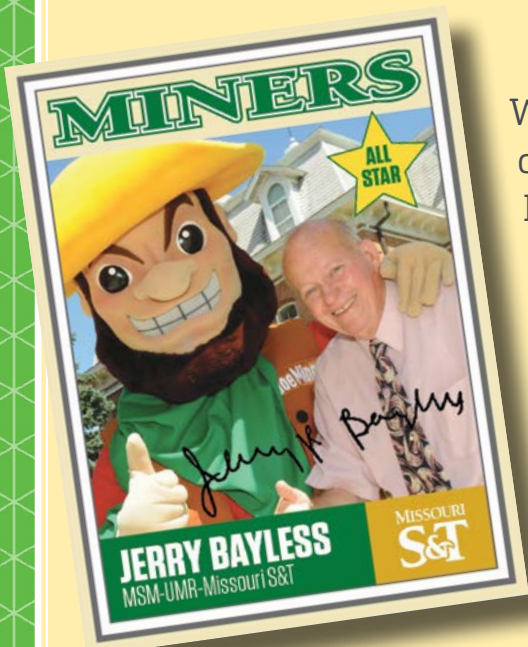
DR. TIM PHILPOT



Dr. Tim Philpot, associate professor of structural engineering in the civil, architectural and environmental engineering department, died Jan. 25, 2017. Dr. Philpot developed a digital teaching tool called MecMovies, which illustrates engineering concepts that are difficult to picture using only static images. The program, designed and developed in collaboration with other Missouri S&T faculty, is used in S&T's Mechanics of Materials courses. The software, which he developed through a grant from the U.S. Department of Education, won the MERLOT Classics Award in 2006 for excellence in multimedia education. Dr. Philpot was a registered professional engineer in Missouri and Kentucky. The author of many papers in peer-reviewed publications and funded research grants,

he received the Tau Beta Pi Outstanding Professor Award. He taught several courses during his tenure at S&T, including Mechanics of Materials, Structural Steel Design, Reinforced Concrete Design, Structural Analysis and Statics. Dr. Philpot earned a Ph.D. in civil engineering from Purdue University in 1992, a master of engineering degree from Cornell University in 1980 and a bachelor of science degree in civil engineering from the University of Kentucky in 1979.

JERRY BAYLESS FELLOWSHIP FUND

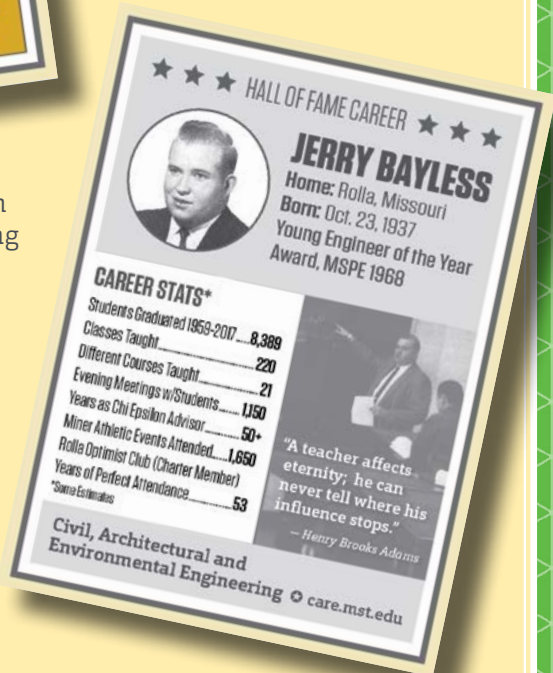


When many of us think of civil engineering at MSM, UMR and S&T, one name spans all three of the university's names and bridges generations of Miners and that's **Jerry Bayless.**

We invite you to make a gift in Jerry's name toward cementing his legacy for all future generations of Rolla alumni.

You may go online to make your gift and select the fund under the drop down menu or mail a check to:
Advancement Services,
1200 N. Pine St.,
Rolla, MO 65409

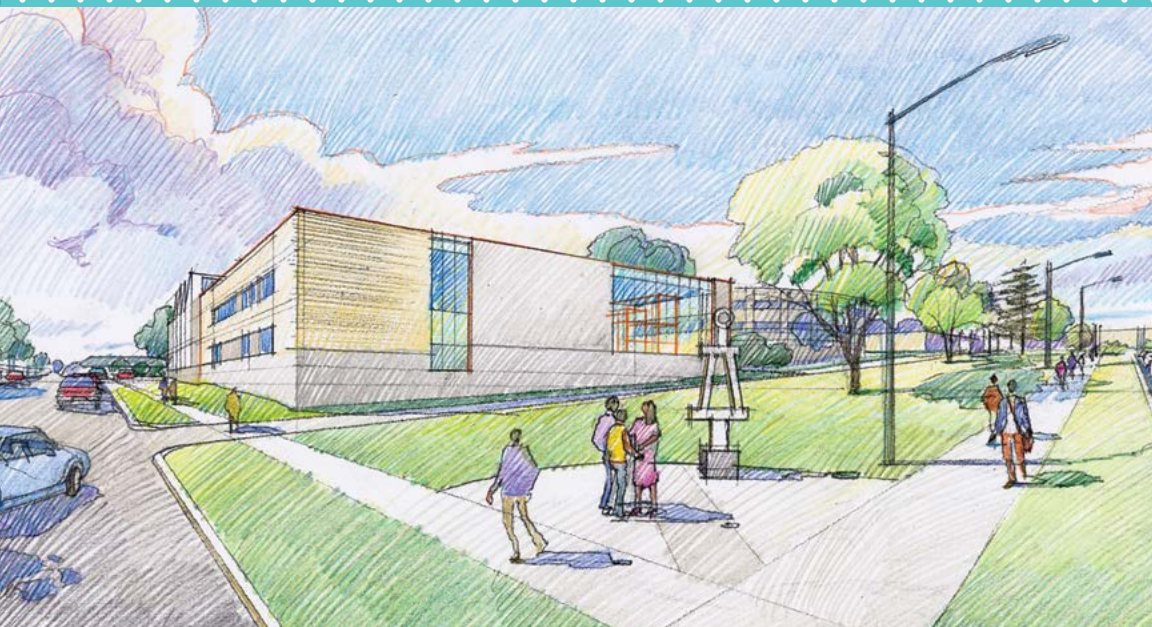
Be sure to designate the Bayless Fellowship Fund.



MAKE YOUR GIFT ONLINE AT GIVE.MST.EDU

Questions? Contact Dr. Joel Burken (burken@mst.edu) or Shannon DeBourg (sbishop@mst.edu).

SAVE THE DATE!



ACML GROUNDBREAKING: FRIDAY, OCT. 12

Gather during Homecoming to celebrate the groundbreaking of the Advanced Construction and Materials Laboratory.

When it comes to building a better future, S&T is paving the way in construction materials and methods. Now, thanks to an investment from the University of Missouri System, major gifts from industry partners and support from alumni, S&T will break ground on the Advanced Construction and Materials Laboratory on Oct. 12.

The lab marks the final phase of a \$10.5 million initiative to advance S&T's leadership in infrastructure engineering. It will provide space for research on next-generation construction products and processes designed to be stronger, more secure and sustainable.

For more information, contact Dr. Joel Burken (burken@mst.edu) or Tory Verkamp (VerkampV@mst.edu).

Civil, Architectural and Environmental Engineering

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CALLING BEGINS: SEPT. 23, 2018