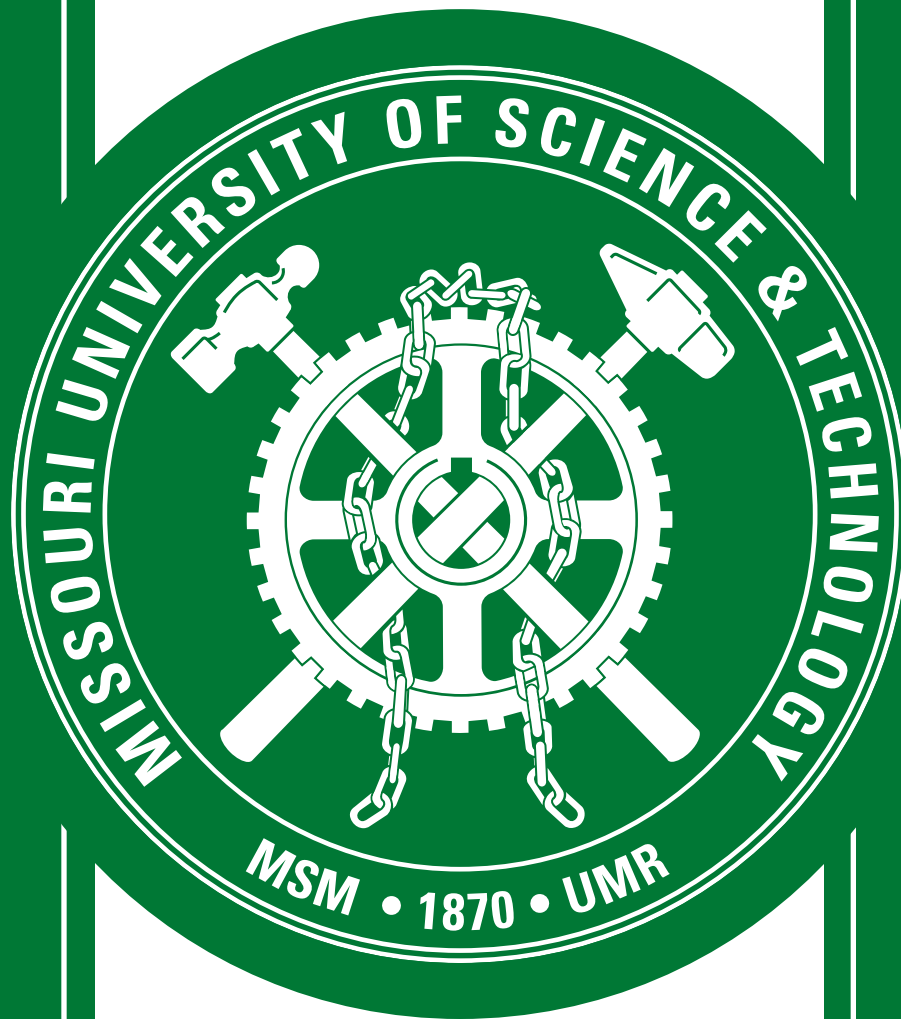


Fall 2024 Commencement Ceremonies



6 p.m. Friday, Dec. 13, 2024

10 a.m. and 3 p.m.

Saturday, Dec. 14, 2024

GALE BULLMAN BUILDING



Congratulations on your graduation from Missouri S&T. As you cross the stage today, you join a legacy of Miner excellence.

Founded in 1870 during the height of the Industrial Revolution, Missouri S&T — then known as the Missouri School of Mines and Metallurgy — was a product of the land-grant movement and was Missouri’s response to the acute need for scientific and practical education in the developing nation. Early academic programs focused on mining and metallurgical industries, but expanded over time as the need for a broad-based education grew.

With a greater emphasis on research and graduate education and increased academic offerings, S&T’s identity evolved to reflect these changes. In 1964, the four-campus University of Missouri System was established, and we became the University of Missouri-Rolla (UMR). In 2008, the name was changed to Missouri University of Science and Technology (Missouri S&T) to reflect our distinction as a national research university.

Today, Missouri S&T builds upon its heritage of discovery, creativity and innovation to inspire and prepare students of all majors to solve the world’s great challenges. S&T has become a research university of national distinction offering more than 100 degree programs in 40 areas of study. In addition to bachelor’s and master’s degrees, we offer doctor of philosophy degrees in 23 disciplines and the doctor of engineering degree in eight disciplines.

College of Arts, Sciences, and Education — case.mst.edu

Through Missouri S&T’s College of Arts, Sciences, and Education (CASE), students can pursue academic programs and degrees in the sciences, education, the humanities and social sciences — all within the culture of S&T’s renowned technological environment. CASE also offers experiential learning and research programs and provides an innovative approach to education that prepares graduates to make an impact on the world.

The college includes the departments of arts, languages and philosophy; biological sciences; chemistry; education; English and technical communication; history and political science; mathematics and statistics; physics; and psychological science.

CASE also includes S&T’s Air Force ROTC and Army ROTC programs.

College of Engineering and Computing — cec.mst.edu

Missouri S&T's College of Engineering and Computing (CEC) offers students abundant opportunities for practical experience in addition to a solid foundation in the sciences. The Center for Aerospace Manufacturing Technologies, S&T's Experimental Mine, and the Missouri S&T Reactor are stellar examples of a unique focus on engineering practice.

The college includes the Linda and Bipin Doshi Department of Chemical and Biochemical Engineering as well as the departments of civil, architectural and environmental engineering; computer science; earth sciences and engineering; electrical and computer engineering; materials science and engineering; mechanical and aerospace engineering; mining and explosives engineering; and nuclear engineering and radiation science.

Kummer College of Innovation, Entrepreneurship, and Economic Development — kummercollege.mst.edu

Established in July 2022, the Kummer College is where academics and research harness real-world entrepreneurship and innovation in a way that prepares students to address the challenges of the future. The college is home to an AACSB-accredited MBA program, an economics curriculum noted for its quantitative nature, and one of the country's leading ABET-accredited engineering management programs.

The Kummer College's founding departments are business and information technology; economics; and engineering management and systems engineering.

Graduate Education — grad.mst.edu

The first master's degree programs were established in the early 1900s, and the first Ph.D. was granted in 1926.

Today, S&T offers master of arts*, master of business administration, master of engineering, master of science, master of science for teachers, doctor of engineering and doctor of philosophy degrees. Studies fall into the general areas of business, economics, engineering, English and technical communication, psychology, science and technology.

* *The master of arts degree is offered in cooperation with the University of Missouri-St. Louis.*

Corporate and Professional Education — stl.mst.edu

Missouri S&T offers distance education for working professionals who want to take courses toward a master's degree or graduate certificate. Courses are taught in person at S&T's West St. Louis County site. The corporate and professional education program offers graduate-level courses in aerospace engineering, civil engineering, computer engineering, electrical engineering, engineering management, environmental engineering, mechanical engineering and systems engineering. Missouri S&T also offers fully online courses. Get details at online.mst.edu.

The Kummer Institute for Student Success, Research and Economic Development — kummerinstitute.mst.edu

The Kummer Institute was established in 2020 through a gift of \$300 million from benefactors June and Fred Kummer. The Kummer Institute creates broad STEM outreach and engagement to and with K-12 communities, supports student success and growth at S&T, elevates the university as an educational and research institution, and drives economic development regionally, statewide and beyond.

Research and Innovation — research.mst.edu

Missouri S&T's interdisciplinary approach to research involves students working alongside world-class faculty in a variety of fields, from biomedical research to energy and the environment to robotics, infrastructure and explosives.

As an internationally recognized research university, Missouri S&T is furthering humanity's understanding of the world and creating innovations that drive our global, interconnected economy.

Missouri S&T Chancellor Medal Recipients

The Chancellor Medal is given to individuals who have contributed significantly to the university's well-being, growth and development.

Ruth Abbett, 1995
Alfred W. Andrews, 1983
Robert Bay, 2009
Jerry R. Bayless, 2004
Wayne Bennetsen, 1984
Robert M. Brackbill, 1999
John F. Carney, 2012
Donald L. Castleman, 1984
Calvin Cobb, 2007
Harvest Collier, 2014

Delbert E. Day, 2003
Farouk El-Baz, 2018
Ken Fiebelman, 1990
Fred Finley, 1984
George Horne, 2023
William J. James, 1997
George W. Jamieson, 1999
Vernon T. Jones, 1983
Daniel O. Kennedy, 1999
James Kirkpatrick, 1984

Nikki Krawitz, 2013
Mike Lybyer, 1990
Frank Mackaman, 1988
Jerry McBride, 1990
Belding H. McCurdy, 1983
Joseph W. Mooney, 1985
Al Nilges, 1990
Calvin M. Ochs, 1998
Jim C. Pogue, 1995
John D. Powell, 1991

Miriam Coffin Remmers, 1983
Walter E. Remmers, 1993
Joseph M. Rosenauer, 1983
John W. Scott, 1992
Connie Hager Silverstein, 2003
Rex Z. Williams, 1982
Remington Williams, 2022

Curators' Distinguished Professors

The University of Missouri Board of Curators bestows the Curators' Distinguished Professor title upon outstanding scholars with established reputations in their field of study.

Muthanna H. Al-Dahhan, Chemical and Biochemical Engineering and Nuclear Engineering

Baojun Bai, Petroleum Engineering

Martin Bohner, Mathematics and Statistics

Richard K. Brow, Ceramic Engineering

Joel Burken, Civil, Architectural and Environmental Engineering

K. Chandrashekhara, Mechanical and Aerospace Engineering

Alfred L. Crosbie, Mechanical Engineering (*Emeritus*)

Sajal K. Das, Computer Science

Delbert E. Day, Ceramic Engineering (*Emeritus*)

Lokesh Dharani, Mechanical Engineering

James Drewniak, Electrical Engineering (*Emeritus*)

Walter Eversman, Mechanical and Aerospace Engineering (*Emeritus*)

William G. Fahrenheitz, Ceramic Engineering

Gregory E. Hilmas, Ceramic Engineering

Robert G. Landers, Mechanical Engineering

Ming C. Leu, Mechanical and Aerospace Engineering

Don H. Madison, Physics (*Emeritus*)

Sanjay Madria, Computer Science

John C. McManus, History

Ronald Olson, Physics (*Emeritus*)

Jagannathan "Jag" Sarangapani, Electrical Engineering

Michael Schulz, Physics (*Emeritus*)

James Stoffer, Chemistry (*Emeritus*)

Jay Switzer, Chemistry (*Emeritus*)

Thomas Vojta, Physics

Curators' Distinguished Teaching Professors

The University of Missouri Board of Curators established the Curators' Distinguished Teaching Professor designation in 1990 to honor outstanding professors, call attention to teaching excellence, and foster improvements in teaching and learning.

Diana L. Ahmad, History and Political Science (*Emerita*)

Donald R. Askeland, Materials Science and Engineering (*Emeritus*)

James A. Drallmeier, Mechanical Engineering (*Emeritus*)

David Enke, Engineering Management and Systems Engineering

Kelvin Erickson, Electrical and Computer Engineering

Stephen S. Gao, Geology and Geophysics

Larry Gragg, History and Political Science (*Emeritus*)

Irina Ivliyeva, Russian

Merilee Krueger, Psychological Science

Roger LaBoube, Civil Engineering (*Emeritus*)

Henry Pernicka, Mechanical and Aerospace Engineering

David Riggins, Mechanical and Aerospace Engineering

V. A. Samaranayake, Mathematics and Statistics (*Emeritus*)

David C. Van Aken, Materials Science and Engineering (*Emeritus*)

David J. Westenberg, Biological Sciences

Faculty Senate Officers

The Faculty Senate is the legislative and policy-making body of the General Faculty.

David Westenberg,
President

Paul Runnion,
President-Elect

Josh Schlegel,
Secretary

Michael Gosnell,
Parliamentarian

Kathryn Dolan,
Past-President

Staff Council Officers

The Staff Council provides a venue for communication between employees and the administration of S&T, serves as an advocate for staff concerns, and promotes cohesion of the campus community.

Kevin Walkup,
President

Mark Evans,
Vice President

Cassie Liscombe,
Secretary

Cyndi Kinder,
Treasurer

Jacquelyn Sansone,
Acting Past-President

A note from the Young Alumni Council

Fellow alumni,

Congratulations! You did it. You earned it. You're ready to make a difference in new cities, jobs and leadership roles. It's time to explore your potential — and put your preparation into practice.

I know you're eager to get started but take time to celebrate. There will be days ahead when you're going to miss this place. We have something different here, and it makes you a Miner for life.

Missouri S&T graduates are smart, they're confident — and the statistics show that they're some of the most successful graduates in the country. And that's just for starters because our graduates also share a whole lot more: Miner pride, a permanent home on this campus — and a fondness for wearing green.

So, don't think for a minute that this is goodbye and good luck, because it's hello to a lifelong connection to the Miner Alumni Association. As the liaison to the Young Alumni Council, I urge you to connect and stay involved. Because the best-ever is yet to be!

The Young Alumni Council (YAC) is an advisory committee of the Miner Alumni Association (MAA), advocating for the interests of young alumni. We are always looking for alumni who want to remain connected to the University and offer multiple opportunities to do so — become a member of the Young Alumni Council, network and make new friends in your new city through YAC events or keep in touch by providing your contact information and getting the MAA newsletter!

If you join the Young Alumni Council, you will be a part of the decision-making process that affects all our young alumni and keeps them connected to our great alma mater. In return for your advice, we'll provide you with networking opportunities with our amazing board of directors, professional development opportunities, and an inside look into the decision-making process for the University!

Fill out at mineralumni.com/yacinterest or email us at alumni@mst.edu.

Connect

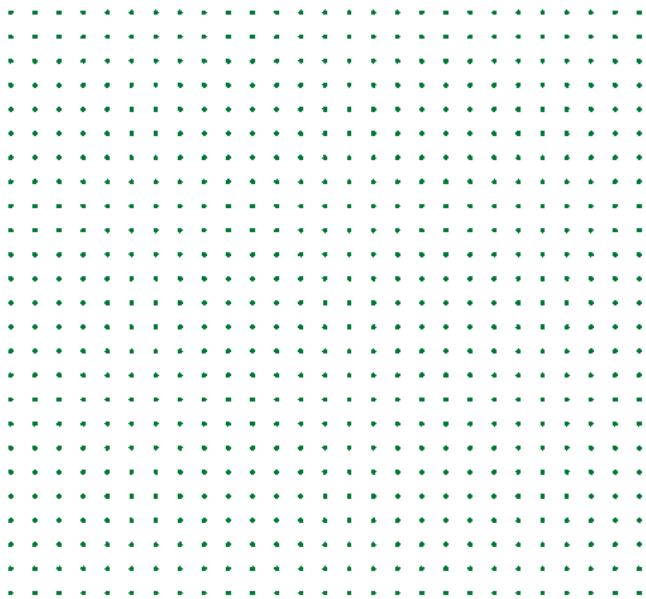
- **Update Your Contact Information.** To stay connected and informed of the latest news and events, keep your contact information up to date at mineralumni.com/updatemyinfo.
- **Alumni Newsletter.** Keep up with news, events and opportunities through monthly news at a glance at mineralumni.com/minerpublications.
- **Class Announcements.** Get promoted? Have a family milestone? Start a business? We want to hear about it! Send us information about your professional and personal accomplishments for publication on our website. To submit, visit mineralumni.com/classannouncements.

Stay involved

- **Volunteer.** Help recruit students by serving as an Alumni Admissions Ambassador. Explore opportunities at futurestudents.mst.edu/alumni.
- **Events.** Come back to campus for Homecoming, St. Pat's, Post-Career Fair Social, and other special activities. Visit mineralumni.com/events.
- **Alumni Sections.** Find your local alumni region at mineralumni.com/sections. Can't find the section you're looking for? Create a new one! From geographic to affinity to corporate, we support all sections! Email the manager of alumni engagement, Brooke Bell, at bellabell@mst.edu for more information.

With Miner pride,

Brooke Bell
Young Alumni Council Liaison
Miner Alumni Association



Missouri S&T Endowed Faculty

An endowed chair or professorship is the highest academic award that the university bestows on a faculty member and lasts as long as the university exists. Endowed chairs and professorships, as well as faculty fellowships, typically carry the name of the donor or of a person or institution designated by the donor.

Magdy Abdelrahman

Civil Engineering, *Missouri Asphalt Pavement Association Endowed Professorship in Flexible Pavements*

Muthanna Al-Dahhan

Chemical and Biochemical Engineering, *Wayne and Gayle Laufer Endowed Chair in Energy*

Lana Alagha

Mining and Explosives Engineering, *Robert H. Quenon Chair in Mining Engineering*

Kwame Awaiah-Offei

Mining and Nuclear Engineering, *Union Pacific Foundation and Rocky Mountain Energy Company Professorship*

Baojun Bai

Geosciences and Geological and Petroleum Engineering, *Lester Birbeck Endowed Chair*

Laura Bartlett

Materials Science and Engineering, *Robert V. Wolf Professorship in Metallurgical Engineering*

David Bojanic

Business and Information Technology, *Kummer Endowed Professor of Business and Information Technology*

Mario Buchely

Materials Science and Engineering, *Roberta and G. Robert Couch Assistant Professorship in Materials Science and Engineering*

Joel Burken

Environmental Engineering, *John and Susan Mathes Chair in Environmental Engineering*

Genda Chen

Civil Engineering, *Robert W. Abbett Distinguished Chair in Civil Engineering*

Anthony Convertine

Materials Science and Engineering, *Roberta and G. Robert Couch Assistant Professorship in Materials Science and Engineering*

Sajal K. Das

Computer Science, *Daniel St. Clair Endowed Chair in Computer Science*

Kristen Donnell

Electrical Engineering, *Woodard Associate Professorship for Excellence*

Islam El-adaway

Civil Engineering, *Michael and Barbara Hurst/McCarthy Building Companies Professorship in Construction*

Mehdi Ferdowsi

Electrical and Computer Engineering, *Schlumberger Distinguished Professor of Electrical and Computer Engineering*

Margret Grebowicz

Arts, Languages and Philosophy, *Maxwell C. Weiner Distinguished Professor in the Humanities*

Serhat Hosder

Mechanical and Aerospace Engineering, *James A. Drallmeier Distinguished Professorship in Mechanical and Aerospace Engineering*

Jie Huang

Electrical Engineering, *Roy A. Wilkens Missouri Telecommunications Professorship in Electrical Engineering*

Chulsoon Hwang

Electrical Engineering, *Woodard Associate Professorship for Excellence*

Lijun Jiang

Electrical and Computer Engineering, *Kummer Endowed Professor*

Catherine Johnson

Mining and Explosives Engineering, *Robert H. Quenon Chair of Mining Engineering*

Kamal H. Khayat

Civil Engineering, *Vernon and Maralee Jones Endowed Chair in Civil Engineering*

Jonathan Kimball

Electrical and Computer Engineering, *Fred W. Finley Distinguished Professor of Electrical and Computer Engineering*

Amaury Lendasse

Engineering Management and Systems Engineering, *Bernard R. Sarchet Endowed Professorship*

Ming C. Leu

Mechanical Engineering, *Keith and Pat Bailey Missouri Professorship in Mechanical Engineering*

Frank Liou

Mechanical Engineering, *Michael and Joyce Bytnar Product Innovation and Creativity Professorship*

Jenny Liu

Civil Engineering, *James A. Heidman Professorship in Civil, Architectural and Environmental Engineering*

Melody Lo

Economics, *John and Ruth Steinmeyer Memorial Endowed Chair of Economics for the Kummer College*

Robert Marley

Engineering Management and Systems Engineering, *Robert B. Koplak Professor of Engineering Management*

Ronald J. O'Malley

Materials Science and Engineering, *F. Kenneth Iverson Chair of Steelmaking*

Technologies

Seung-Jong "Jay" Park

Computer Science, *Fred and June Kummer Department Chair of Computer Science*

J. David Rogers

Earth Sciences and Engineering, *Karl F. Hasselmann Missouri Endowed Chair in Geological and Petroleum Engineering*

Jagannathan Sarangapani

Electrical Engineering, *William A. Rutledge-Emerson Electric Co. Distinguished Professorship in Electrical Engineering*

Pablo Sobrado

Chemistry, *Richard K. Vitek/FCR Endowed Chair of Biochemistry*

Mark Towler

Chemical and Biochemical Engineering, *Linda and Bipin Doshi Professor in the Linda and Bipin Doshi Department of Chemical and Biochemical Engineering*

Xiaoming Wang

Mathematics and Statistics, *Gary Havener Endowed Department Chair of Mathematics and Statistics*

Donald C. Wunsch II

Computer Engineering, *Mary K. "Jimmie" Finley Missouri Professorship in Computer Engineering*

Hu Yang

Chemical and Biochemical Engineering, *Linda and Bipin Doshi Chair in Chemical Engineering*

Xiong Zhang

Civil Engineering, *James A. Heidman Professorship in Civil, Architectural and Environmental Engineering*

Open endowed faculty positions include the Donald Castleman/FCR Missouri Endowed Professorship of Discovery; the Linda and Bipin Doshi Associate Professor of Chemical and Biochemical Engineering; the Gulf Oil Foundation Professorship; and the Missouri Soybean Research Professorship.

Information on Graduation at Missouri S&T

Commencement is a high point of the academic year, no matter what the size of the institution.

The word “commencement” is a simple translation of the Latin *inceptio*, the name given to the initiation ceremony reserved for university teachers in medieval Europe. Much of what we see in today’s ceremony goes back to those times. The purpose of this ceremony is a recognition of success both for the students and the university.

Although Missouri S&T holds formal graduation exercises only in December and May of each academic year, students who complete the requirements for their degree during the summer are eligible to receive a degree, which is granted in absentia. Recipients of this degree are invited to participate in the commencement ceremony held the following December.

Participants

Some of the persons who take part in the commencement exercises often blend into the entire ceremony. A brief description of their various roles during the exercises may be helpful.

Faculty marshals are members of the teaching staff who wear their academic gowns and assume various tasks during the ceremony. They are responsible for assembling the candidates and leading them to and from the ceremony. Originally in the British universities, marshals were messengers of the proctors and nightly patrolled the streets of university towns to prevent disorder from conflicts between students and townspeople. Today the term is applied to the men and women appointed to organize the commencement procession and keep it in order.

Candidates for the Award of Professional Distinction are an accepted part of the scene at most exercises. It has been customary for Missouri S&T to honor those women and men who have distinguished themselves in their respective disciplines with the Award of Professional Distinction.

The dais group, or stage party, is the last to enter the ceremony and the first to leave.

History of Academic Dress

The significance and history of academic dress at educational institutions date back to the days of the oldest universities. It is thought that gowns and hoods were worn in early days to provide a means of warmth in unheated buildings. Until well into the 19th century it was customary for many American college students to wear gowns while in daily residence or at meals. The practice has ceased to exist and, except for some of the British and European schools, few colleges request students to wear gowns except at commencement exercises. The hood was used as a covering for the head until it was replaced by the skull cap and later replaced by the traditional “mortarboard.” The mortarboard, or Oxford type, has remained throughout the years black in color. The tassel for most graduates is black. Gold metallic tassels are worn by candidates for the doctor of philosophy and bachelor’s degree candidates who earned Summa Cum Laude, Magna Cum Laude or Cum Laude status by virtue of their academic records.

Gowns

The gowns for bachelor’s candidates are black with long pointed sleeves, differing from the master’s gown, which has oblong sleeves with an opening at the wrist. The rear part of the sleeve has a square cut, and the front has an arc cut-away. The master’s gown also is black. The bachelor’s gown is worn closed while the master’s gown may remain open or closed. The gown for the doctor’s degree has bell-shaped sleeves with velvet panels down the front and around the neck with velvet bars on the sleeves. The doctor’s gown may be worn open or closed.

Hoods

Originally used as a head covering, shoulder cape or bag for collecting alms, the hood is retained today on the academic scene for the sake of tradition. Its shape is like that used in the day of

large wigs when the wearers did not wish to cover their elaborate hair styles, and so kept the hoods merely for their symbolic and decorative effect. A narrow neckband connects the two halves of the cape proper, which is lined with colored silk and taffeta. The hoods worn by the master’s and doctoral candidates are black. The master’s and doctor’s hoods are 3½ and 4 feet long, respectively. The University of Missouri System hood has a lining of old gold, with each campus showing a different color chevron. Missouri S&T has two silver chevrons, the University of Missouri-Columbia has two black chevrons, the University of Missouri-Kansas City has two blue chevrons, and the University of Missouri-St. Louis has two scarlet chevrons.

Members of the administration of a university are all entitled to wear doctor’s gowns, but their hoods must accurately represent the degree they actually hold. Thus a curator holding a bachelor’s degree may wear a doctor’s gown for ceremony, but she or he must wear a bachelor’s hood. It is permissible for a faculty member to wear in the hood lining the colors of the college at which he or she is in residence rather than the one at which his or her degree was conferred. In ceremonies at which honorary degrees are awarded, candidates may wear the gown of the degree to be conferred on them.

The primary purpose of the hood has changed from one of protection and warmth to identification. By wearing the academic dress, a candidate is not only upholding tradition but identifying the institution, the level of the degree and the discipline in which the degree was earned.

Mortarboards

The mortarboard is a descendant of the simple commoner’s cap of medieval times. The name “mortarboard” comes from its similarity in shape to the square board commonly used for mixing mortar. The tassel hangs over the left front quarter of the top. Tradition decrees that the mortarboard should be worn indoors and outdoors, except during prayer.



**December 2024
Doctoral
Ceremony**

6 p.m.

Friday, Dec. 13, 2024

GALE BULLMAN BUILDING

Missouri S&T Leadership

Mohammad Deghani
Chancellor

Colin Potts
Provost and Executive
Vice Chancellor,
Academic Affairs

Robin Gore
Vice Chancellor,
Student Success

Garry Grubbs
Interim Vice Provost,
Graduate Education

Mehrzad Boroujerdi
Vice Provost and
Dean, College of Arts,
Sciences, and Education

David Borrok
Vice Provost and Dean,
College of Engineering
and Computing

James Sterling
Vice Provost and
Founding Dean, Kummer
College of Innovation,
Entrepreneurship, and
Economic Development

Cheryl Cain
Vice Chancellor,
Marketing and
Communications

Kamal Khayat
Vice Chancellor,
Research and Innovation

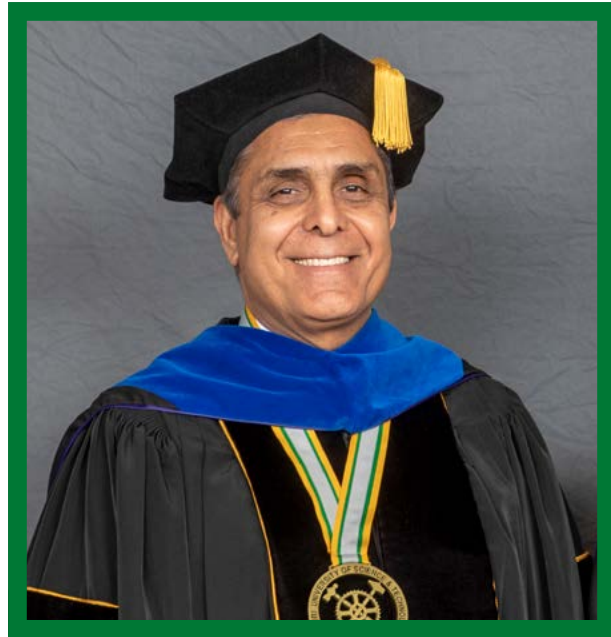
Alysha O'Neil
Vice Chancellor,
Finance and Operations

Stephen P. Roberts
Vice Chancellor,
Strategic Initiatives

Tory Verkamp
Vice Chancellor,
University Advancement

Richard Brow
Executive Director of
Operations, Kummer
Institute for Student
Success, Research and
Economic Development

Jill Warren
Chief of Staff



From the Chancellor

Dear Graduates,

Congratulations! As doctoral graduates of Missouri S&T, you have completed the highest level of your formal education and will be recognized as an expert in your field. All of us at Missouri S&T — including your faculty advisor as well as other faculty, leaders, staff and alumni — are proud of your remarkable accomplishment and look forward to seeing your future success.

You have invested long hours into your S&T education while juggling many responsibilities, and that investment of time — along with your dedication, commitment and sacrifice — has paid off. You are part of a distinguished family of more than 65,000 alumni. Wherever you go, you will be a Miner and will carry the personal growth, promise and pride that come with your degree.

Please stay in touch. Being both an expert in your field and an S&T graduate, you can share your expertise to help us enhance and improve our programs for future generations of students who will attend this wonderful institution. We also want to keep you informed of the latest events, achievements and recognition of your faculty and friends. And of course, we want to celebrate your future achievements! So please stay in touch and connected as part of the broader Miner family to take full advantage of a great alumni association.

Congratulations again!

Warmly,

Mohammad Deghani
Chancellor, Missouri S&T


Missouri S&T Mission

Missouri S&T integrates education, research and application to create and convey knowledge that serves our state and helps solve the world's great challenges.

Our values

- 📖 Lifelong Success
- 📖 Creativity
- 📖 Integrity
- 📖 Sustainability
- 📖 Partnerships
- 📖 Inclusion

Order of Exercises

 View the full program online at commencement.mst.edu

Prelude and Processional	Prerecorded by S&T University Winds, directed by David Samson
National Anthem	Prerecorded by Missouri S&T Choir, led by Lorie Francis
Posting of Colors	Army ROTC Stonehenge Battalion
Welcome and Congratulations	Mohammad Dehghani, Chancellor, Missouri S&T
Commencement Address	Harold R. “Skip” Garner, Chief Scientific Officer, Orbit Genomics
Presentation of Candidates	Colin Potts, Provost and Executive Vice Chancellor, Academic Affairs Garry Grubbs, Interim Vice Provost, Graduate Education David Borrok, Vice Provost and Dean, College of Engineering and Computing Mehrzad Boroujerdi, Vice Provost and Dean, College of Arts, Sciences, and Education James Sterling, Vice Provost and Founding Dean, Kummer College of Innovation, Entrepreneurship, and Economic Development
Conferring of Degrees	Mohammad Dehghani
Congratulations	Robin R. Wenneker, Chair, University of Missouri Board of Curators Mun Y. Choi, President, University of Missouri Dan Bailey, President, Miner Alumni Association
Closing Remarks	Mohammad Dehghani
Alma Mater Hymn	Prerecorded by Missouri S&T Choir, led by Lorie Francis
Recessional	Prerecorded by S&T University Winds, directed by David Samson <i>Please remain seated until after the recessional.</i>

From guidance to graduation

Behind every cap and gown lies a story of mentorship and support. The Behind Every Graduate program celebrates the dedicated faculty and staff members who have profoundly impacted our graduating students’ academic experiences. When asked to reflect on their time at S&T, our graduates nominated mentors who believed in their potential, offered guidance and helped shape their paths to success. We are proud to recognize this semester’s honorees as of Nov. 22:

Faculty

Yezad Anklesaria	Jonathan W. Kimball	Heath Pickerill	Joan Schuman
David Carpenter	John McManus	Fateme Rezaei	Robert Woodley
Catherine Johnson	Dev K. Niyogi	Katie Shannon	

Staff

Shawna Holle	Jody Seely	Debi Willy	Nancy Winterburg
--------------	------------	------------	------------------

Nominations received after this date are listed on commencement.mst.edu.

University of Missouri Board of Curators

The Board of Curators is the governing body of the University of Missouri System. It consists of nine members who are appointed by the governor, and with the advice and consent of the Senate. At least one member, but no more than two, shall be appointed from each congressional district. All members must be U.S. residents and must have resided in Missouri for at least two years. No more than five curators shall belong to any one political party. Curators serve a six-year term on the board.

Robert D. Blitz,
St. Louis

Jeffrey L. Layman,
Springfield

Robert Fry,
Greenwood

Jeanne Sinquefield,
Westphalia

Todd P. Graves,
Edgerton

Robin R. Wenneker,
Columbia, Chair

Keith A. Holloway,
Cape Girardeau

Michael A. Williams,
Kansas City

Lyda Krewson,
St. Louis

Sign up for campus alerts

Text **MinerAlert** to **78015** and receive emergency alerts while on campus (valid until midnight).

GradImages® is the official photographer for commencement. A proof of your photo will be available within a few weeks following the ceremony and will be sent to the address shown on the reverse side of the line-up card.

Commencement Speaker



Harold R. "Skip" Garner

Chief Scientific Officer, Orbit Genomics

Harold R. "Skip" Garner earned a bachelor's degree in nuclear engineering from Missouri S&T in 1976 and a Ph.D. in plasma physics from the University of Wisconsin-Madison in 1982.

He worked at General Atomics for 12 years, conducting experimental and theoretical fusion research. He was a founding member of "The Institute," an internal think tank.

In 1994, Garner transitioned to medicine. He held the following positions: endowed chair and professor of internal medicine and biochemistry at University of Texas Southwestern; professor of medicine and executive director at Virginia Bioinformatics Institute at Virginia Tech; and professor, associate dean and assistant vice provost at the Edward Via College of Osteopathic Medicine.

Garner has published over 240 manuscripts and 10 book chapters. He has supervised over 75 students pursuing their Ph.D., M.D., or D.O.

Garner is a serial entrepreneur with over 30 patents and applications. He founded several companies, including Heliotext, Light Biology/Nimblegen and Bioautomation/LGC. He is currently the chief scientific officer for Orbit Genomics. He sits on numerous corporate advisory boards and advises several governmental agencies.



Congratulations, graduate!

Today you join a legacy of Miners that spans more than 150 years. From friendships forged to goals surpassed, your journey at S&T has been yours to achieve.

Celebrate by taking your photo and sharing on Facebook, Twitter and Instagram with the official hashtag: **#MinerPride**.

Doctoral Candidates

Candidates presented by Colin Potts, Provost and Executive Vice Chancellor for Academic Affairs, Missouri S&T.

Ademola Abdulganiyu Adesokan

COMPUTER SCIENCE

Leveraging Deep Learning Models and Social Media Data for Enhanced Situation Awareness in Disaster Management
Sanjay Madria

Adel Jaber Alotibi

PETROLEUM ENGINEERING

Investigating the Transport and Plugging Behavior of CO₂-Resistant Preformed Particle Gels in High Conductive Channels for Conformance Control
Baojun Bai and Thomas Schuman

Rachel Louise Bauer

EXPLOSIVES ENGINEERING

Shock Wave and Vortex Ring Dynamics from Explosively Driven Shock Tunnels
Catherine E. Johnson

Rogério Antao Cardoso

MATERIALS SCIENCE AND ENGINEERING

Effect of Thermomechanical Processing and Heat Treatment on the Microstructure and Mechanical Properties of Ultra-High Strength Steels
Laura N. Bartlett

José Luis Corchado-Albelo

MINING ENGINEERING

Tellurium Enrichment Potential Within a Copper Concentrator's Processing Streams
Lana Alagha

Rebecca Marie Herndon

CIVIL ENGINEERING

NMR Relaxometry Approach for the Detection of Asphalt Binder Performance Properties
Magdy Abdelrahman and Klaus Woelk

Visharad Jalan

MATERIALS SCIENCE AND ENGINEERING

Oxidation Behavior of Silicon Carbide, Matrix Graphite, and Refractory Multi-Principal Element Alloy
Haiming Wen

Yiming Jiang

ELECTRICAL ENGINEERING

Selected Topics in Blockchain-Aided IOT Inference
Jiangfan Zhang

Katelyn Kiser

METALLURGICAL ENGINEERING

Influence of Chemistry in Solidification, Segregation, and Hot Tearing Susceptibility of Advanced High Strength Steels
Ronald O'Malley and Laura N. Bartlett

Matthew John Luebbe

MATERIALS SCIENCE AND ENGINEERING

Development and Testing of Irradiation-Tolerant High Entropy Alloys
Haiming Wen

Pengfei Ma

CIVIL ENGINEERING

Drone-Based Multimodal Sensing on Vegetations and Data Analytics for Early Detection of Gas Leakage from Underground Pipelines
Genda Chen

Abdullah Al Moinee

CHEMICAL ENGINEERING

Computational Modeling and Experimental Validation of Advanced Electrostatic and Magnetic Separation Processes for Lunar Regolith Beneficiation toward In-Situ Resource Utilization
Fateme Rezaei

Nima Najafizadeh

MATERIALS SCIENCE AND ENGINEERING

Phase-Field Modeling of Rapid Solidification Processes
Yijia Gu

Oluwadamilare Omole

SYSTEMS ENGINEERING

A Hybrid Data Processing, Computational Intelligence, and Complex Systems Model Approach for Describing and Predicting the Bitcoin Market
David Enke

Michael David Parrish

ENGINEERING MANAGEMENT

Application of Artificial Intelligence Techniques to Improve Leadership Decision Making with Uncertainty
Steven Corns

Sasha Alexander Petrenko

COMPUTER ENGINEERING

Lifelong Machine Learning with Adaptive Resonance Theory
Donald C. Wunsch II

Michael D. Piston

METALLURGICAL ENGINEERING

Development of Ultrahigh Strength Lightweight Steels
Laura N. Bartlett

Aaron Michael Priestester

MATERIALS SCIENCE AND ENGINEERING

Raft-Based Polymer and Nanoparticle Materials for Traumatic Brain Injury Treatment and Diagnostics
Anthony J. Convertine

Raheemat Rafiu

CHEMISTRY

Metal-Free Photoredox Catalysis for the S-Trifluoromethylation of Thiols and Investigation of pH-Dependent Decontamination of Dimethyl Chlorophosphate, a Nerve Agent Simulant, Via Hydrolysis with Azoles
Chariklia Sotiriou-Leventis

Jeremiah John Rittenhouse

AEROSPACE ENGINEERING

Vibration Modeling of Rectangular Plates and Application to Solar Cell Dust Mitigation
Daniel S. Stutts

Steven Matthew Smith II

CERAMIC ENGINEERING

Processing and Densification of Multi-Phase High Entropy Ceramics
William Fahrenholtz

Ben Sonpon

NUCLEAR ENGINEERING

Atmospheric Transport of Radionuclides, Meteorological Data Mining and Synthesis for Site Data Supplementation
Shoaib Usman and Joseph Smith

Cody Jasper Hapeman Thomas

EXPLOSIVES ENGINEERING

Investigation of Shockwave Behavior to Inform Helmet Design Using Schlieren Imagery and Free-Field Blasts
Catherine E. Johnson

Tunay Turk

MECHANICAL ENGINEERING

Sensor Embedding and Thermal Monitoring Strategies for Laser-Foil-Printing Additive Manufacturing
Ming C. Leu and Jonghyun Park

Richard Lee Wilson

ENGINEERING MANAGEMENT

The Evolving Use of Strategic Planning Tools in the Manufacturing Environment: Implications for Quality 4.0 and Beyond
Robert Marley and Abhijit Gosavi

Youssef Hussien Yatimi

CHEMICAL ENGINEERING

Studying Hydrodynamics in a Co-Current Upflow Packed Bed Reactor (U-PBR) Using Invasive and Non-Invasive Measurement Techniques
Muthanna H. Al-Dahhan

Wentao Zhang

GEOLOGY AND GEOPHYSICS

Milankovitch Paleoclimatic Signals in Upper Permian-Lower Triassic Fluvial-Lacustrine Records, Bogda Mountains, Greater Turpan-Junggar Intercontinental Rift Basin, NW China
Wan Yang



Doctoral Candidates: Summer 2024 Inter-Commencement

Candidates presented by Colin Potts, Provost and Executive Vice Chancellor for Academic Affairs, Missouri S&T.

Kasim Adesegun Adewuyi

MECHANICAL ENGINEERING

Total Life Cycle Optimization for Li-Ion Batteries from Constant Gradient Charging Methodology to Remanufacturing Restoring Performance of Spent Cathodes
Jonghyun Park

Harmeet Singh Bhoday

CHEMISTRY

Highly Dipole-Parallel Aligned Nonlinear Optical Organic Molecular Crystalline Materials: Rational Design, Experimental and Theoretical Studies of Supramolecular Structures and Non-Covalent Interactions
Rainer Glaser

Ghith Ali Ahmed Biheri

PETROLEUM ENGINEERING

High Viscosity Friction Reducer Evaluation at High Temperature and High TDS Environments
Shari Dunn-Norman and Abdulmohsin Imqam

Rachel Marie Boillat-Newport

MECHANICAL ENGINEERING

Fabrication and Characterization of a High Strength Novel Aluminum Alloy for Implementation with Directed Energy Deposition
Frank Liou

Jack Russell Crewse III

PHYSICS

Critical Behavior and Dynamics of the Superfluid-Mott Glass Transition
Thomas Vojta

Ahmed Saber Awad El-Ashwah

CIVIL ENGINEERING

Optimizing Frictional Performance of Rap-Recycled Asphalt Mixtures: Material Selection and Design Considerations
Magdy A. Abdelrahman

Emily Michelle Johnson

EXPLOSIVES ENGINEERING

Investigating Detonation Parameters through the Plate Dent Test: A Novel Approach for Characterizing Detonation Curvature and Thickness
Catherine E. Johnson

Jihane Mendil

CHEMICAL ENGINEERING

Development and Validation of a Novel Pebble Tagging and Tracking System for Measuring Residence Time Distributions in Pebble Bed Nuclear Reactors, and Investigation of Pebbles Flow Dynamics Using Advanced Radioactive Particle Tracking Techniques
Muthanna H. Al-Dahhan

Oroghene Oboreh-Snapps

ELECTRICAL ENGINEERING

Deep Reinforcement Learning Based Strategies for Inverter Dominated Microgrids
Jonathan W. Kimball and Rui Bo

Md Asad Rahman

SYSTEMS ENGINEERING

A Bayesian Inference Based Complex Systems Approach in Precision Medicine
Jinling Liu

William E. Symolon

SYSTEMS ENGINEERING

Deep Learning Architecture Design for Nano-Satellite Image Super-Resolution
Cihan Dagli

Krishna Thapa

CHEMISTRY

Exploring the Applications of DNA Nanostructures in Electrochemical Biosensors and Microbial Fuel Cells
Risheng Wang

Tao Wu

COMPUTER SCIENCE

Adversarial Transferability and Generalization in Robust Deep Learning
Donald C. Wunsch II and Tie Luo

Shiping Zhou

MATHEMATICS

Nonlocal Modeling and Computation: Numerical Methods and Data-Driven Approaches
Yanzhi Zhang



December 2024 Commencement Ceremonies

10 a.m. and 3 p.m.
Saturday, Dec. 14, 2024

GALE BULLMAN BUILDING

Missouri S&T Leadership

Mohammad Deghani
Chancellor

Colin Potts
Provost and Executive
Vice Chancellor,
Academic Affairs

Robin Gore
Vice Chancellor,
Student Success

Garry Grubbs
Interim Vice Provost,
Graduate Education

Mehrzad Boroujerdi
Vice Provost and
Dean, College of Arts,
Sciences, and Education

David Borrok
Vice Provost and Dean,
College of Engineering
and Computing

James Sterling
Vice Provost and
Founding Dean, Kummer
College of Innovation,
Entrepreneurship, and
Economic Development

Cheryl Cain
Vice Chancellor,
Marketing and
Communications

Kamal Khayat
Vice Chancellor,
Research and
Innovation

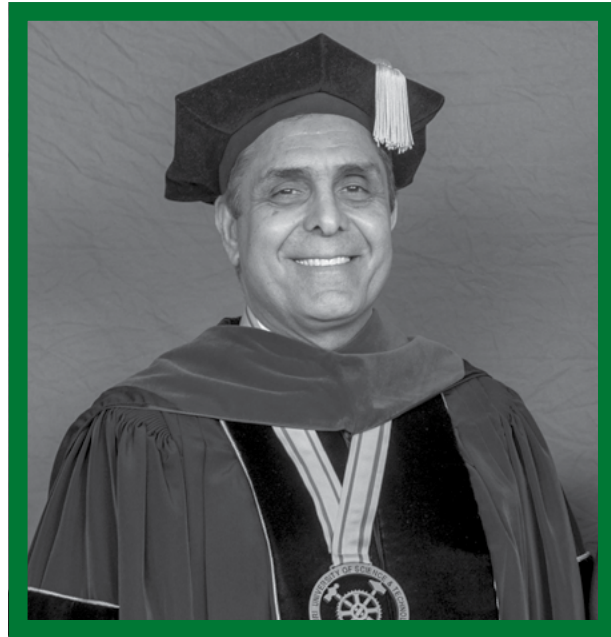
Alysha O'Neil
Vice Chancellor,
Finance and Operations

Stephen P. Roberts
Vice Chancellor, Strategic
Initiatives

Tory Verkamp
Vice Chancellor,
University Advancement

Richard Brow
Executive Director of
Operations, Kummer
Institute for Student
Success, Research and
Economic Development

Jill Warren
Chief of Staff



From the Chancellor

Dear Graduates,

Congratulations! As graduates of Missouri S&T, you have taken a significant next step on your path of success. All of us at Missouri S&T — leaders, faculty, staff, alumni — are proud of your accomplishments and look forward to seeing where you will go from here.

You have invested many long hours into your S&T education, and that investment of time, along with your dedication and commitment, has paid off. You are joining a distinguished family of more than 65,000 alumni. Wherever you go, you will be a Miner and will carry the personal growth, promise and pride that come with your degree.

Please stay in touch. Your voice and your perspective will help us enhance and improve our programs for future generations of students who will attend this wonderful institution. We also want to hear from you so that we can keep you informed of the latest events, achievements and recognition of your faculty and friends. And of course, we want to celebrate your future achievements! So please stay in touch and connected as part of the broader Miner family to take full advantage of our great alumni association.

Congratulations again!

Warmly,

Mohammad Deghani
Chancellor, Missouri S&T

Missouri S&T Mission


Missouri S&T integrates education, research and application to create and convey knowledge that serves our state and helps solve the world's great challenges.

Our values

- ☐ Lifelong Success
- ☐ Creativity
- ☐ Integrity
- ☐ Sustainability
- ☐ Partnerships
- ☐ Inclusion

GradImages® is the official photographer for commencement. A proof of your photo will be available within a few weeks following the ceremony and will be sent to the address shown on the reverse side of the line-up card.

Order of Exercises

 View the full program online at commencement.mst.edu

Prelude and Processional	Prerecorded by S&T University Winds, directed by David Samson
National Anthem	Prerecorded by Missouri S&T Choir, led by Lorie Francis
Posting of Colors	Air Force ROTC Blue Sabres
Welcome and Congratulations	Mohammad Dehghani, Chancellor, Missouri S&T
Student Address	Martin De La Hunt, President, Student Council
Commencement Address	William R. Kennedy, CEO of Jack Kennedy Metal Products and Buildings Inc.
Faculty Recognition	10 a.m. — Merilee Krueger, Curators’ Distinguished Teaching Professor of Psychological Science, and Ming C. Leu, Curators’ Distinguished Professor of Mechanical and Aerospace Engineering and Keith and Pat Bailey Distinguished Professor of Integrated Product Manufacturing
Presentation of Master’s Degree Candidates	Garry Grubbs, Interim Vice Provost, Graduate Education
Undergraduate Honors Recognition	Robin Gore, Vice Chancellor, Student Success
Presentation of Bachelor’s Degree Candidates	Colin Potts, Provost and Executive Vice Chancellor, Academic Affairs
Congratulations from S&T Academic Leaders	Mehrzad Boroujerdi, Vice Provost and Dean, College of Arts, Sciences, and Education David Borrok, Vice Provost and Dean, College of Engineering and Computing James Sterling, Vice Provost and Founding Dean, Kummer College of Innovation, Entrepreneurship, and Economic Development
Conferring of Degrees	Mohammad Dehghani
Congratulations	Robin R. Wenneker, Chair, University of Missouri Board of Curators Mun Y. Choi, President, University of Missouri Dan Bailey, President, Miner Alumni Association
Closing Remarks	Mohammad Dehghani
Alma Mater Hymn	Prerecorded by Missouri S&T Choir, led by Lorie Francis
Recessional	Prerecorded by S&T University Winds, directed by David Samson

Please remain seated until after the recessional.

Commencement Speaker



William R. Kennedy

CEO of Jack Kennedy Metal Products and Buildings Inc.

William R. Kennedy has over 40 years of experience in the ventilation of mines and manufacturing of equipment to do so. He is the holder of and named inventor in 91 U.S. and foreign patents, with other patents pending, and is a major stockholder, president and CEO of the world's largest mining ventilation firm — a multi-national company engaged primarily in mining ventilation, research, consulting and equipment manufacture.

He has been a guest lecturer repeatedly at mineral engineering colleges, both for undergraduate students and for continuing education courses offered for practicing and graduate mining engineers, and other mining company officials on both university campuses and at major mining company facilities.

Kennedy is the author of *Practical Mine Ventilation*, its second edition now sold out, and is currently working on the third edition.

While providing various non-mining interests with consulting services for decades, he has avocational interests that are engineering allied in the restoration of tower (turret) clocks and the “care and feeding of” and engineering research regarding Rolls-Royce Silver Ghost automobiles built between 1907 and 1926.

Student Speaker



Martin De La Hunt

President, Student Council

Martin De La Hunt, a senior in computer engineering from St. Louis, is Missouri S&T's student body president. De La Hunt also serves as a drum major in the S&T Marching Band and is involved with the university's pep band and wind symphony, the Kappa Kappa Psi band service organization, and the Tau Beta Pi engineering honor society. In 2023, he was an inaugural recipient of the Remington R. Williams Award from the University of Missouri Board of Curators. He completed a software engineering internship with Garmin and plans to work full-time for the company starting next summer.

Faculty Mace Bearers



Klaus Woelk

College of Arts, Sciences, and Education

Klaus Woelk, associate dean for academic affairs in the College of Arts, Sciences, and Education and associate professor of chemistry, joined the Missouri S&T faculty in 2003. Woelk is an expert in nuclear magnetic resonance spectroscopy and imaging, NMR relaxometry, and chemical catalysis. He also serves as director of S&T's Institute for Applied NMR Spectroscopy. He has published more than 60 peer-reviewed scientific articles, earned multiple teaching awards for both undergraduate- and graduate-level teaching, and holds several U.S. and international patents. Woelk earned a bachelor's, master's and Ph.D. degree, all in chemistry from the University of Bonn in Germany.



Michael C. Davis

Kummer College of Innovation, Entrepreneurship, and Economic Development

Michael C. Davis, associate professor of economics, joined the Missouri S&T faculty in 2001. He has taught courses in macroeconomics, microeconomics, sports economics, money and banking, public finance, international finance, and economic statistics. Among his research interests that have resulted in peer-reviewed publications are the economic impact of successful NFL franchises, the dynamics of wholesale and retail gasoline prices, and the economic factors affecting the location of major and minor league baseball teams. Davis earned a Ph.D. and a master's degree, both in economics, from the University of California, San Diego, and a bachelor's degree in mathematics from William & Mary in Virginia.



John J. Myers

College of Engineering and Computing

John J. Myers joined Missouri S&T's faculty as an assistant professor of civil, architectural and environmental engineering in 1999. He was promoted to associate professor in 2005 and professor in 2013. In 2023, he became director of the Missouri Center for Transportation Innovation. Myers served as an associate dean for S&T's College of Engineering and Computing from 2015 to 2019 and acting dean in 2016. He has won several local, national and international honors for his teaching and research. He is a Fellow of the American Society of Civil Engineers, among other organizations. Myers earned a Ph.D. and master's degree in civil engineering at the University of Texas at Austin and a bachelor's degree in architectural engineering from The Pennsylvania State University.

Student Mace Bearers

Galayna Baur

10 a.m. ceremony, College of Arts, Sciences, and Education

Galayna Baur, from Rolla, Missouri, earned a bachelor's degree in biological sciences with a minor in chemistry. She plans to remain at S&T as a graduate student in the biological sciences department. As an undergraduate, Baur conducted research on population dynamics in biological sciences laboratories, and skin cancer detection in the electrical and computer engineering department. Her long-term research goal is to understand how genotypes shape entire populations. While an undergraduate student, Baur was president of Phi Sigma, the biological sciences honor society, and was president of S&T's National Society of Leadership and Success. She also served as the biological sciences representative for the CASE Dean's Student Leadership Council. Baur was a member of the Missouri S&T Honors Academy Fellowship and earned the Margaret Summers Pre-medicine Scholarship.

Ashley Davis Jacobs

3 p.m. ceremony, College of Engineering and Computing

Ashley Davis Jacobs, from Erie, Illinois, earned a bachelor's degree in mining engineering with minors in mineral processing, explosives engineering, and business and finance. Davis has been active in several student organizations at S&T, including Women in Mining; the International Society of Explosives Engineers; the National Stone, Sand, and Gravel Association; Society for Mining, Metallurgy and Exploration; the mine design, mucking and mine rescue teams; the S&T softball team; and the Student-Athlete Advisory Committee. She has completed multiple internships and a cooperative education experience with U.S. Strategic Metals in Fredericktown, Missouri, and she plans to return to the company as a full-time mining engineer.

Hannah Feltz

10 a.m. ceremony, Kummer College

Hannah Feltz, from Wildwood, Missouri, earned her master's degree in business administration and a graduate certificate in cybersecurity and information assurance management from Missouri S&T. She previously earned a bachelor's degree in information science and technology in December 2023. As an undergraduate, Feltz played on Missouri S&T's women's volleyball team and was inducted into both the National Society of Leadership and Success and Beta Gamma Sigma business honor society. After graduation, she will join World Wide Technology as a full-time security analyst, building on her four summers as a cybersecurity consulting intern.

Madison Jolly

3 p.m. ceremony, College of Arts, Sciences, and Education

Madison Jolly, from Salem, Missouri, earned a bachelor's degree in education with an emphasis in middle school English. Jolly is also minoring in creative writing, literature and psychology. She has served as the Student Council's liaison for the College of Arts, Sciences, and Education, and earned the council's Rookie of the Year award. She is also active in the Student Missouri State Teachers Association, where she served as secretary, vice president and state ambassador. Jolly presented research at the Innovation in Teaching and Learning Conference in 2023 and the Association of Middle Level Educators National Conference in 2024. She currently works as an English language arts teacher for 7th and 8th grade students in the Maries County R-2 school district in Missouri, and will continue to do so after graduating.

Andrew Klemme

10 a.m. ceremony, Kummer College

Andrew Klemme, from Union, Missouri, earned a bachelor's degree in economics with a minor in applied mathematics. He served as secretary for ECO Miners and treasurer for Miner Key, led the food committee for the University Commons Hall Association, and volunteered for Teachers' Corner, a non-profit organization in Rolla. He worked on two research projects with Mahalet Fikru, professor of economics, as part of the Opportunities for Undergraduate Research Experiences (OURE) program. One project examined the correlation between house price and pollution, and the other project examined trends in international cobalt trade.

Sophia Strathman

3 p.m. ceremony, College of Engineering and Computing

Sophia Strathman, from St. Louis, earned a bachelor's degree in electrical engineering. For the past two years, she has been an undergraduate researcher for Jonathan W. Kimball, investigating deep reinforcement learning as a control strategy for microgrids and converters for fast-charging electric vehicles. She was also an undergraduate teaching assistant with Kelvin Erickson during the fall 2024 semester. She has held internships at Spire, Burns & McDonnell, and Oak Ridge National Laboratory, and been recognized as a Kummer Vanguard Scholar and National Science Foundation S-STEM Scholar. Outside of academics, Sophia enjoys hiking, cooking, yoga and pottery — embracing creativity through her involvement in CAST, the campus ceramics club.

Candidates for the Master's Degree

This program was prepared on Nov. 22, 2024. The names of those students who were possible candidates for graduation on that date are listed. Changes made following this date are not reflected in the program.

COLLEGE OF ARTS, SCIENCES, AND EDUCATION

Mehrzaad
Boroujerdi, Vice
Provost and Dean

MASTER OF SCIENCE

APPLIED MATHEMATICS

John Singler, Interim
Chair

Enock Kwesi Awortwe
Guy Easton Brawley
Rachel Kathryn Eggers

BIOLOGICAL SCIENCES

David Duvernell, Chair

Alex Kathleen Daniels
Syeda Tasfia Imam
Ta-Chun Lin
James Franklin Norris

CHEMISTRY

Lia Sotiriou-Leventis,
Chair

Zhila Dehghan Shahrak

INDUSTRIAL- ORGANIZATIONAL PSYCHOLOGY

Clair Ann Reynolds
Kueny, Chair

Jade Callaway
Nikita Deepak Mali
Olivia N. McGarvey
Lucas P. Mefford
Sophia Renee Rodriguez
Gabriel Andre
Rodríguez Báez
Victoria Anne Urban

TECHNICAL COMMUNICATION

Kathryn C. Dolan,
Acting Chair

Saber Mirzaei Ahandani
Portia Ansomah
Ofori-Benefo

COLLEGE OF ENGINEERING AND COMPUTING

David Borrok, Vice
Provost and Dean

MASTER OF ENGINEERING

GEOTECHNICS

Stephen S. Gao, Chair

Anthony Joseph Carta
Erik Friede
Laura Marie Keller
Adam Kittler

MANUFACTURING ENGINEERING

David Bayless, Chair

Nicholas James Bush

MASTER OF SCIENCE

AEROSPACE ENGINEERING

David Bayless, Chair

Melinda Anne Callender
Dane Tayler Huck
Devin Parker Langford
Lillianna Josephine
Matthews
Pavan Kumar Meesala

CERAMIC ENGINEERING

Michael Moats, Chair

Theodore C. Lewis

CHEMICAL ENGINEERING

Hu Yang, Chair

Lavanya Bhargava

CIVIL ENGINEERING

Mohamed ElGawady,
Interim Chair

Sadeq Mohammed
Abdulaali Annooz
Max McDonagh Bodde
Anirudh Narayan Dasari
Mohamed Mohamed
Mohieldin Abdelnaby
Elashram
Cosme Alejandro
Lopez Jr.
Emily Ruth Millard
Aditya Prabhu
Eric Alden Williams

COMPUTER ENGINEERING

Jonathan W. Kimball,
Chair

Nawfal Guefrachi
Jordan D. Morrow

COMPUTER SCIENCE

Seung-Jong "Jay" Park,
Chair

Amulya Krishna Araveti
Pavan Kumar Reddy
Battula
Harsh Hirenkumar
Bhavsar
Madhumitha Chalamala
Nandini Gopu
Venkata Ajithkumar
Gurram
Connor Jacob Hallemann
Luke Daniel Hendrickson
Shravani Kalli
Abhiram Kancharla
Sravani Kandi
Taruni Keshapally
Keerthana Reddy Kona
Sindhu Reddy Kontham
Vamshi Sai Mandepudi
Samridhi Mangla
Vivek Reddy Mekala
Mubeena Begum
Mohammed
Matthew Allan Moore
Yeswanth Reddy Palavai
Nikitha Reddy Palugulla
Ashokkumar Pola
Sai Tejaswar Ponugoti
Mukesh Yadav Pyatla
Sayali Sabaji Tambe

Sai Siva Teja Tayi
Rahul Vinay
Eric Joseph Westhoff

ELECTRICAL ENGINEERING

Jonathan W. Kimball,
Chair

Sarah Rose Billings
Caleb A. Cummings
William Haynes
Youssef Idaan
Tatianna Marie Reinbolt
Samuel Richman
Rony Kumer Saha
McKenna Edward
Starkey

ENVIRONMENTAL ENGINEERING

Mohamed ElGawady,
Interim Chair

Gabriel Nicholas
Borgmeyer
Aaron McGuire Brown
Hunter Perry Dougan
Kalie Manke
James Robert Visconti III
Brandon Wesley Whittle

EXPLOSIVES ENGINEERING

Kwame Awuah-Offei,
Chair

Christine Elizabeth
Brennan
Steven Todd Linehan
Schlyer Casdorff Porter
Evan Robert Swain

GEOLOGICAL ENGINEERING

Stephen S. Gao, Chair

Jacob Jon Vincent Alvarez
Analisa Feliz Campos
Jason Ronald Carr II
Adam Michael Donne
Olivia Marie Harvey
Paul Henry Lego
Deborah Catherine
Majkovicz
Anthony Lawrence Null
Roberto Miguel Osorio
Derek Keith Parry
Cordeo Reyes Reyna
Karlee Roca
Jessica Rudd
Dae Han Seong
Megan Rose Sly
Brian Sung Kam Tong

Benjamin Patrick Turner
Joseph Mackenzie
Williams

MECHANICAL ENGINEERING

David Bayless, Chair

Daniel Bryant Bosch
Jayanth Kotagiri
Nathan Terrill Swadley
Hollis Hervey Waites

MINING ENGINEERING

Kwame Awuah-Offei,
Chair

Lakshmi Reddy Gayam

NUCLEAR ENGINEERING

Joseph W. Newkirk,
Chair

Brandon M. Bloss

PETROLEUM ENGINEERING

Stephen S. Gao, Chair

Alfred Tokowa

WATER SCIENCE AND ENGINEERING

Stephen S. Gao, Chair

Muzamil Alamelhuda
Joshua Jared Roberts

KUMMER COLLEGE

James Sterling,
Vice Provost and
Founding Dean

The following became
founding programs
of the Kummer
College in July 2022.

MASTER OF BUSINESS ADMINISTRATION

BUSINESS ADMINISTRATION

Cassie Elrod, Chair

Mac-Anthony
Ugochukwu Abirika

Martha Afua Bentil
Max Matthew Conard
Melissa Durbin
Hannah Louise Feltz
Jake Thomas Lester
Kiley Michele Marshall
Jacob Seidel
Malia Rhyse Toman

MASTER OF SCIENCE

ENGINEERING MANAGEMENT

Amaury Lendasse, Chair

Nicholas James Arevalo
Isaiah Hunter Ball
Albert Fiore Beninati III
Jacob Thomas Bochonok
Michael Timothy
Buechter
Anfernee Bryan
Crompton

Alyssa M. Crum
Randolph Anthony
David II
John Michael Desciscio
Lyndon Patrick Ersery Jr.
Staci C. Fikel
Benjamin Thomas Foster
Jared Martin Hellebusch
Ye Suk Kim
Tyler Joseph LaCosta
Ean Thomas McCool
Nithyaraj Modey
Edward Evan Nappier
Ajay Goud Nunemunthala
Vyshnavi Parimala
David Michael Paxton
Elvis Phung
Ashok Ramineni
Randy Alexander Ruatos
Hollis James Shoptaw
Brian Taylor Steele
James Ernest Tweedie III
Erich Allen Zuelke

INFORMATION SCIENCE AND TECHNOLOGY

Cassie Elrod, Chair

Desmond Adu Brempong
Akhila Arthi
Sai Prasanna Bora
Srinivas Chintakayala
Pratik Dacha
Eric L. Duong
Pujith Goud Garela
John Caleb Higgins
John Caleb Kakani
Archana Krishnasagarapu
Xuan Liu
Sai Ghowtham Madala
Naveen Kumar Maturi
Rylee Miller
Pooja Lakshmi Moulica
Morampudi
Sravanth Sri Raja
Nimmagadla
Olatomide Oluwatobi
Olapade
Anil Pallemidi

Hemanth Kumar
Poliparthi
Shruthi Shinde
Nikshith Raj Siliveri
Apurva Tirmal
Satya Jai Deep Ummadi
Chakravarthy Valluru
Muneeth Kumar Vangari
Likhithnaga Vyakaranam

SYSTEMS ENGINEERING

Amaury Lendasse, Chair

Keidric Anthony Adair
Kenneth H. Cho
Colten Hutson
Andres Felipe Londono
Samual Robert Schaffer
Megan Renee Zaiz

Candidates for the Bachelor's Degree

This program was prepared on Nov. 22, 2024. The names of those students who were possible candidates for graduation on that date are listed. Changes made following this date are not reflected in the program.

COLLEGE OF ARTS, SCIENCES, AND EDUCATION

Mehrzaad
Boroujerdi, Vice
Provost and Dean

BACHELOR OF ARTS

BIOLOGICAL SCIENCES

David Duvernell, Chair

Kacy Lynne Pugh

HISTORY

Shannon Fogg, Chair

Emily Elisabeth Copeland
Dawson Walters
Matthew David West

MULTIDISCIPLINARY STUDIES

Irina V. Ivliyeva, Chair

Corene Muecke

PSYCHOLOGICAL SCIENCE

Clair Ann Reynolds
Kueny, Chair

Alexandra Noelle Custer

BACHELOR OF SCIENCE

APPLIED MATHEMATICS

John Singler, Interim
Chair

Jordan Leigh Burton
Lucas Jeffrey Chevalier
Joel Vincent Murphy
Colin Pulis

BIOLOGICAL SCIENCES

David Duvernell, Chair

Galayna Grace Lois Baur
Jayce Michael Billington
Owen Quillman
Butenschoen
Evan Robert Christian
Bailey Christine Emmons
Clare Koerkenmeier
Meagan Dawn Malady

Joshua David Martin
Zephyr Rocket Palmer
Mackenzie Renee
Petersen

James Joseph Michael
Ramette

Aneliese Marie Rodriguez
Emma Schulte
Heath St. Dennis
Jacob A. Underwood

CHEMISTRY

Lia Sotiriou-Leventis
Chair

Silas Eلسu Monti

EDUCATION

Beth Kania-Gosche,
Chair

Isabelle Rose Bulmahn
Leanna Renee
Marie Hickey
Madison Paige Jolly
Zatyvion James Miller

ENGLISH AND TECHNICAL COMMUNICATION

Kathryn C. Dolan,
Acting Chair

Jacob Randall Ott
Joe W. Raymond
Samantha Jane Warren

ENVIRONMENTAL SCIENCE

David Duvernell, Chair

Remington Cole Breuer
Miguel Angel Nuñez
Olivia Lynn Paul
Damien Rongey
Thomas Oscar Ruether

HISTORY

Shannon Fogg, Chair

Sean McGinnis

PHILOSOPHY

Irina V. Ivliyeva, Chair

Jeff Gordon II
Andrea Jewel Lowe
Jennah Olimat
Tristan Robert Valle

PHYSICS

Thomas Vojta, Chair

Harold Joseph Baker
Benjamin Hunter Edwards

PSYCHOLOGICAL SCIENCE

Clair Ann Reynolds
Kueny, Chair

Katherine Geneva Burks
Rebecka Anne Cooper
Yolanda Duarte
Jeff Gordon II
Miguel Metcalf
Franchesca Marie Metz
Sarah Elyse Shyres
Heath St. Dennis
Layla Mackenzie Sutton

**COLLEGE OF
ENGINEERING
AND COMPUTING**
*David Borrok, Vice
Provost and Dean*

**BACHELOR OF
SCIENCE**

**AEROSPACE
ENGINEERING**

David Bayless, Chair

Dylan Bell
Weronika Bobula
Daniel S. Clawson
Morgan Carol Lyons

**ARCHITECTURAL
ENGINEERING**

*Mohamed ElGawady,
Interim Chair*

Cruz Anthony Becerra
John Thomas Becker
Braeden Christopher
Drag
Matthew Thomas
Ellingson
Grace Elizabeth Giesler
Adam Henry Griffin
Jase Tyler Haer
Jaylin Cody Hall
Keegan Joseph Irizarry
Drake Keating
Andrew Craig Kinder
Anna Lorena Kreicbergs
Alexander Ronald
Laleman
Isabella Marie Long
Charlye Nicole Rowland
Matthew Raynor
Weidman
Bryn Wooldridge

**CERAMIC
ENGINEERING**

Michael Moats, Chair

William Henry Codner
Grace Anne Epp
Rose Himmel
Liam John Justin

**CHEMICAL
ENGINEERING**

Hu Yang, Chair

Nathan Matthew Adler
Scott Cameron Buchan
Kana Yayoi Chung
Allison Rae Cole
Megan Nicole Cook
Anthony Kaden Counts
Katch Raydell Crawford
Paul DeFrates Cruz

Paul Alexander Domijan
Cole Stuart Ewing
Madison N. Holly
Carter Matthew James
Brendan Klusmeyer
John Patrick Koller
Tyler Phong McLeland
Emily Catherine Meyer
Mackenzie Nicole Mills
Nicolas A. Moore
Nhien Nguyen
Michael Ray
Elizabeth Jean Schell
Hayley Schenato
Camden Scott Stear
Kristen Mallory Strickland

CIVIL ENGINEERING

*Mohamed ElGawady,
Interim Chair*

Cruz Anthony Becerra
John Thomas Becker
Louis Michael Kellan
Blessing
Benjamin Edward
Bockelman
Jackson Ross Breece
Christopher Dennis
Cramer
Maggi Ann Davidson
Rachel Helen Abbey
Deason
Avery Cole Doggett
Braeden Christopher
Drag
Kaitlyn Marie Feldmann
Ian Robert Fitch
Samuel Gentges
Christopher Dale Givens
Adam Henry Griffin
Cade Grimes
Jase Tyler Haer
Natalie Rae Haynes
Austin Joseph Heckman
Dan Hierholzer
Ryan B. Highfill
Montana Fritz Homann
Liam Judson
Drake Keating
Johnathan Keith Kindel
Anna Lorena Kreicbergs
Khloe Ann Laurie
Jacob Lenz
Franklin Alexis Lopez
Walter Michel
Michael Milhizer
Wyatt Joseph Moore
Jacob Allen Muehlher
Morgan Owens
Grant Harrison Polman
Colin Quirk
Daniel James Read
Joseph Fredrick Rexroat
Olivia Faith Romisch
Jim Anthony Sanchez
William Ranger Secules
Micah Paul Smith
Brian Sturholdt
Connor Luke Surratt

Jackson Tyler Wells
Aidan Patrick Williams
Riley Allen Wilson
Erik Jeffrey Wyatt
Eric Young

**COMPUTER
ENGINEERING**

*Jonathan W. Kimball,
Chair*

Benjamin Brooks
Spencer Christopher
Clubb
Garrett Dobbela
Douglas Fleetwood
Caleb Ryan Hanners
Joseph Havelka
Zaim Muhammad Khan
Keith Michael Miller
Mark Zander Mitchell
Adam Michael Nolle
Daelon Shockley
Patrick Giovanni Simoni
Jacob W. Slavick
Payton Palian Stropes
James Patrick Venegoni
Nithin Vijay
Cade Wilkerson
Christian Williams
Daniel Austin Wiseman

COMPUTER SCIENCE

*Seung-Jong "Jay" Park,
Chair*

Larson Ashcroft
Amaan Bari
Reese Alexander Barnett
Starla Boyd
Anna Marie Buchholz
Jorge Alejandro Cantu
Joshua Caruso
Olivia Marae Coleman
Garrett Dobbela
Pierce Lee Dreiling
Thaysen Lee James
Feldbaumer
Larissa Irene Fennewald
Alexander Daleson Ficken
Hunter Joseph Freiner
Joshua Roche Ghilino
Charlie Heil
Garrett Herman
Lucas Patrick Herrin
Alexander Nicholas
Hoffman
Grant Jones
Nathaniel David Kean
Pranav Kondapaneni
Jacob Algo Kosier
Michael Ivan Krivobarski
Benjamin Alexander
Langston
Jerry Li
Connor Josiah Marler
Michael Andrew Maxfield
Kellen Andrew Mezines
Eduard Mochalin
Benjamin Michael Nagy

Duc Thanh Nguyen
Adam Michael Nolle
Gerald Alexander
Obermeyer
Hardik Rashmikant Patel
Caleb A. Ramey
Jarod Neil Rieth
Benjamin Roth
Alexander Rushing
Mercy Kehinde Salifu
Alan Aldahir Sanchez
Nathaniel Joseph Sarocco
Cohen Scheel
Caleb Schoenberg
Joseph Pius Selenke
Mir Kai Arthur Shafe
Brandon Thomas
Stanfield
Cade Anthony Stephens
Khai Quang Thieu
Matthew David Toal
Rowan Arthur
Torbitzky-Lane
Hannah Rose Westphal
Andrew Allen Whiteman
Cade Wilkerson
Tristan Kenneth Wren
Ryan Lee Zimmerman

**ELECTRICAL
ENGINEERING**

*Jonathan W. Kimball,
Chair*

Jojo Quarm Afful
Ezekiel YiGuang Allen
Victoria Allen
Timothy D. Brown
Joseph Gregory Carr
Spencer Christopher
Clubb
Chaska Cox-Potter
Gage Christopher
Donahue
Sean Duda
Keifer Thomas Fitzgerald
Douglas Fleetwood
Zane Foulk
Blake Michael Frericks
Sohl Lu'ulau Gafa
Caleb Ryan Hanners
Joseph Havelka
Zack Hoelscher
Joshua Kozlowski
Shauna Joleen Maher
Griffin Stuart Merillat
Colton James Miller
Keith Michael Miller
Mark Zander Mitchell
Sam Robert Monroe
Dalton Moore
Xavier Alexander Moore
Alexander Rene Parsons
Carter Piel
Jackson Tyler Roloff
Robert Quinn Walker
Rothbard
Joshua Tanner Schmidt
Mir Kian Isom Shafe
Ricardo Matthew Sholy

Jacob Allen Simily
Jacob W. Slavick
Ryan Patrick Sokol
Nicholas Stogsdill
Sophia Strathman
Payton Palian Stropes
Morgan Taylor
Jedidiah Wain Walker
Esther Irene Warren
Chi Man Wong

**ENVIRONMENTAL
ENGINEERING**

*Mohamed ElGawady,
Interim Chair*

Kelton Thomas Back
Emma Gottschlich
Kaitlyn Kendall
Kaitlyn Spencer
Madison Wieberg

**GEOLOGICAL
ENGINEERING**

Stephen S. Gao, Chair

Zoe Elizabeth Chilcoat
McKayla Mateer
Jacqueline Marie Rakers
Colton Watson Weaver

**GEOLOGY AND
GEOPHYSICS**

Stephen S. Gao, Chair

Casey Reed
John C. Klotz

**MECHANICAL
ENGINEERING**

David Bayless, Chair

Hannah Sophia
Antzoulatos
DeShaun Arrington
Nicholas Joseph
Bannister
Ethan Thomas Bautsch
Ryan Anthony Becker
Ethan Beers
Parker Evan Buckson
Daniel S. Clawson
Carter William Crone
Brennen Michael David
Douglas Arthur
Dawkins V
Sebastian Dickman
William Jacob Ditmars
Brendan Wesley-
Raul Duvall
Daylan Gerard Frerker
Jacob Gulick
Nicholas Michael Hales
Samuel James Hanna
Maxwell James Henry
Brice P. Hill-Wiegert
Kyle Lincoln Syler Hirsch
Easton John Ingram
Arno Jason Justman
Aaron J. Laughlin
Peter Lehmuth

Joseph Michael Luetkenhaus
Winky Luo
Jacob Michael Lyons
Jacob Isaac Martin
Raphael Alessandro Marzo
Tyler Scott Mehl
Sara Lynn Morgenthaler
Florian Caillou
Muller-Williams
Logan Lambert Ostermann
Casey Joseph Porter
Joshua Timothy Reitz
Luke Daniel Richardson
Nicholas James Santacruz
Jeffrey Charles Schaefer Jr.
David Jonathan Spohr
Matthew Turner Stehlin
Tehya Adonia Venegas
Cody Wayne Walker
Gavin Christopher Walker
Keagan Payne Walters
Isaac Aaron Washburn
Katherine Young

METALLURGICAL ENGINEERING
Michael Moats, Chair

Simeon Bauer
Micah Hartwin Driesner
Conner Scot Grumbles
Benjamin Edwin-Paul Hilgers
William Patrick Kirk
Elliot Zeiler

MINING ENGINEERING
Kwame Awuah-Offei, Chair

Ashley Marie Davis
Jacobs
Austin Dixon

NUCLEAR ENGINEERING
Joseph W. Newkirk, Chair

Alonso Ruan
Andrew James Verbsky

PETROLEUM ENGINEERING
Stephen S. Gao, Chair

Andrew Drake Acosta
Joseph Michael Alvarez
Noah Charles Calton
Steven Vo
Nathaniel Lee Winingea

KUMMER COLLEGE
James Sterling, Vice Provost and Founding Dean

The following became founding programs of the Kummer College in July 2022.

BACHELOR OF SCIENCE

BUSINESS AND MANAGEMENT SYSTEMS
Cassie Elrod, Chair

Colton Franks
Samuel William Simril
Abigail Noelle Trenary

ECONOMICS
Melody Lo, Chair

Austin A. Ellis
Andrew Phillip Klemme
Rachel Marion O'Halloran

ENGINEERING MANAGEMENT
Amaury Lendasse, Chair

Rachel M. Achelpohl
Thomas Benson
Cylan Roy Burns
Isaac Coppage
Lee Geddy Coyle
Brendan Joseph Crotty
Kevin Michael Cummins
Evan Alexander Derikito
Caden Thomas Dik
Katherine Nicole Fabac
Ryan B. Highfill
Chan HlawnCeu
Abdu Ibrahim
Kyle Dean Kornele
Isaac Legene II
Jeremy Daniel Long
Brady Moore
Jalen Cian Owens
Brilyn Anne Pearl
Isaac Pence
Jacob William Probst
Travis Reynaud
Drew Colin Savaiano
Thomas Harper Stock
Chase Taschler
Tyson Hunter Trost
David Truong
Justin Van Voorhees
Lillian Harper Volz
Jordan Walters
Devin Zibits

INFORMATION SCIENCE AND TECHNOLOGY
Cassie Elrod, Chair

Isaac Ryan Barnhart
Drake Steven Bentley
William Alan Bowman
Alexander J. Browne
Cullen Isaac Finley
Zachary Kofron
Meghan Maples
Blake Austin Matteson
Claire Schkerke
Joshua Edward Sellers
London Smith
Logan Gabriel Turner
Tyler Rey Wascom
Yuhao Wu
Logan A. Zwak



Congratulations, graduate!

Today you join a legacy of Miners that spans more than 150 years. From friendships forged to goals surpassed, your journey at S&T has been yours to achieve. Celebrate by taking your photo at one of the photo booth locations listed below and sharing on Facebook, X and Instagram with the official hashtag: #MinerPride.

- 📍 Butler-Carlton Civil Engineering Hall
- 📍 Innovation Lab
- 📍 Toomey Hall

From guidance to graduation: Honoring faculty and staff who made a difference

Behind every cap and gown lies a story of mentorship and support. The Behind Every Graduate program celebrates the dedicated faculty and staff members who have profoundly impacted our graduating students' academic experiences.

When asked to reflect on their time at S&T, our graduates nominated mentors who believed in their potential, offered guidance and helped shape their paths to success. We are proud to recognize this semester's honorees as of Nov. 11:

Faculty

Yezad Anklesaria	John McManus	Katie Shannon
David Carpenter	Dev K. Niyogi	Joan Schuman
Catherine Johnson	Heath Pickerill	Robert Woodley
Jonathan W. Kimball	Fateme Rezaei	

Staff

Shawna Holle	Debi Willy
Jody Seely	Nancy Winterburg

Nominations received after this date are listed on commencement.mst.edu.

Undergraduate Honors

Bachelor's degree candidates who earned *Summa Cum Laude*, *Magna Cum Laude* or *Cum Laude* status by virtue of their academic records as of Nov. 22, 2024, are wearing gold tassels. Final determination of honors will be based on academic records after all work in progress is completed.

4.0 GRADE POINT AVERAGE

The following bachelor's degree candidates have earned the highest grade-point average possible.

Ezekiel YiGuang Allen
Benjamin Brooks
Rebecka Anne Cooper
Pierce Lee Dreiling
Samuel Gentges
Nicholas Michael Hales
Charlie Heil
Garrett Herman
Keegan Joseph Irizarry
Clare Koerkenmeier
Nicolas A. Moore
Sara Lynn Morgenthaler
Zephyr Rocket Palmer
Daniel James Read
Caleb Schoenberg
Mir Kian Isom Shafe
Abigail Noelle Trenary
Nithin Vijay
Cade Wilkerson

SUMMA CUM LAUDE

Victoria Allen
Kelton Thomas Back
Amaan Bari
Galayna Grace Lois Baur
Louis Michael Kellan
Blessing
Benjamin Edward
Bockelman
Scott Cameron Buchan
Isabelle Rose Bulmahn
Jorge Alejandro Cantu
Joshua Caruso
Megan Nicole Cook
Garrett Dobbelare
Hunter Joseph Freiner
Joshua Roche Ghilino
Cade Grimes
Jacob Gulick
Maxwell James Henry
Zaim Muhammad Khan
John Patrick Koller
Pranav Kondapaneni
Joshua Kozlowski
Anna Lorena Kreicbergs

Michael Ivan Krivobarski
Tyler Phong McLeland
Mark Zander Mitchell
Hardik Rashmikant Patel
Kacy Lynne Pugh
James Joseph Michael
Ramette
Alexander Rushing
Joshua Tanner Schmidt
Sarah Elyse Shyres
Camden Scott Stear
Thomas Harper Stock
Sophia Strathman
Payton Palian Stropes
Morgan Taylor
Matthew David Toal
Hannah Rose Westphal
Madison Wieberg
Riley Allen Wilson
Daniel Austin Wiseman
Chi Man Wong
Ryan Lee Zimmerman

MAGNA CUM LAUDE

Nathan Matthew Adler
Jojo Quarm Afful
Isaac Ryan Barnhart
Ethan Thomas Bautsch
Drake Steven Bentley
Jayce Michael Billington
Weronika Bobula
William Alan Bowman
Remington Cole Breuer
Cylan Roy Burns
Jordan Leigh Burton
Noah Charles Calton
Joseph Gregory Carr
Kana Yayoi Chung
Spencer Christopher
Clubb
Emily Elisabeth Copeland
Anthony Kaden Counts
Katch Raydell Crawford
Carter William Crone
Brendan Joseph Crotty
Alexandra Noelle Custer
Douglas Arthur
Dawkins V
Rachel Helen Abbey
Deason
Caden Thomas Dik
Braeden Christopher
Drag
Cole Stuart Ewing
Cullen Isaac Finley
Zane Foulk
Grace Elizabeth Giesler

Christopher Dale Givens
Joseph Havelka
Natalie Rae Haynes
Ryan B. Highfill
Benjamin Edwin-
Paul Hilgers
Kyle Lincoln Syler Hirsch
Zack Hoelscher
Madison N. Holly
Easton John Ingram
Madison Paige Jolly
Grant Jones
Liam Judson
Nathaniel David Kean
Johnathan Keith Kindel
Zachary Kofron
Jacob Algo Kosier
Isaac Legene II
Franklin Alexis Lopez
Raphael Alessandro
Marzo
Sean McGinnis
Colton James Miller
Keith Michael Miller
Mackenzie Nicole Mills
Eduard Mochalin
Sam Robert Monroe
Corene Muecke
Jacob Allen Muehlher
Florian Caillou
Muller-Williams
Gerald Alexander
Obermeyer
Jannah Olimat
Morgan Owens
Olivia Lynn Paul
Isaac Pence
Colin Pulis
Colin Quirk
Joseph Fredrick Rexroat
Damien Rongey
Mercy Kehinde Salifu
Nathaniel Joseph Sarocco
Drew Colin Savaiano
Elizabeth Jean Schell
Claire Schkerke
Joseph Pius Selenke
Mir Kai Arthur Shafe
Daelon Shockley
Ricardo Matthew Sholy
Patrick Giovanni Simoni
London Smith
Micah Paul Smith
Kaitlyn Spencer
Matthew Turner Stehlin
Layla Mackenzie Sutton
Chase Taschler
Rowan Arthur
Torbitzky-Lane
Steven Vo

Dawson Walters
Keagan Payne Walters
Esther Irene Warren
Christian Williams
Nathaniel Lee Winingear
Erik Jeffrey Wyatt
Eric Young

CUM LAUDE

Larson Ashcroft
Harold Joseph Baker
Cruz Anthony Becerra
John Thomas Becker
Ryan Anthony Becker
Ethan Beers
Dylan Bell
Alexander J. Browne
Anna Marie Buchholz
Owen Quillman
Butenschoen
Evan Robert Christian
Olivia Marae Coleman
Chaska Cox-Potter
Brennen Michael David
Maggi Ann Davidson
Paul Alexander Domijan
Gage Christopher
Donahue
Micah Hartwin Driesner
Brendan Wesley-
Raul Duvall
Kaitlyn Marie Feldmann
Douglas Fleetwood
Daylan Gerard Frerker
Emma Gottschlich
Jase Tyler Haer
Samuel James Hanna
Lucas Patrick Herrin
Rose Himmel
Montana Fritz Homann
Carter Matthew James
Liam John Justin
Arno Jason Justman
Kaitlyn Kendall
Andrew Phillip Klemme
Kyle Dean Kornele
Jerry Li
Isabella Marie Long
Andrea Jewel Lowe
Joseph Michael
Luetkenhaus
Jacob Michael Lyons
Meghan Maples
Joshua David Martin
Blake Austin Matteson
Franchesca Marie Metz
Brady Moore

Wyatt Joseph Moore
Joel Vincent Murphy
Benjamin Michael Nagy
Nhien Nguyen
Jacob Randall Ott
Carter Piel
Casey Joseph Porter
Jacqueline Marie Rakers
Travis Reynaud
Luke Daniel Richardson
Aneliese Marie Rodriguez
Alonso Ruan
Thomas Oscar Ruether
Nicholas James
Santacruz
Jeffrey Charles
Schaefer Jr.
Cohen Scheel
David Jonathan Spohr
Heath St. Dennis
Brandon Thomas
Stanfield
Cade Anthony Stephens
Nicholas Stogsdill
Kristen Mallory Strickland
Connor Luke Surratt
Tyson Hunter Trost
Logan Gabriel Turner
Tristan Robert Valle
James Patrick Venegoni
Gavin Christopher Walker
Matthew David West
Aidan Patrick Williams
Bryn Wooldridge
Yuhao Wu
Devin Zibits

HONORS ACADEMY FELLOW

**AEROSPACE
ENGINEERING**
Weronika Bobula

**COMPUTER
ENGINEERING**
Christian Williams

HISTORY
Emily Elisabeth Copeland

APPOINTED SECOND LIEUTENANT

U.S. AIR FORCE
Conner Grumbles
Sean McGinnis

U.S. ARMY
Kaitlyn Spencer

**BIOLOGICAL
SCIENCES**
Galayna Grace Lois Baur
Clare Koerkenmeier

COMPUTER SCIENCE
Nathaniel David Kean

**PSYCHOLOGICAL
SCIENCE**
Sarah Elyse Shyres

**ELECTRICAL
ENGINEERING**
Joshua Tanner Schmidt

Academic Honors

Academic honors are awarded at commencement to undergraduate students who have achieved a University of Missouri System cumulative grade-point average of at least 3.20. Cum Laude is awarded for an average from 3.20 to 3.50, Magna Cum Laude is from 3.50 to 3.80 and Summa Cum Laude is from 3.80 or better. The appropriate Latin script is embossed on the diploma in recognition of this achievement. Academic precedent directs that only honors at graduation are to be noted on a diploma.

Missouri S&T has an honors program for undergraduate students that allows a deeper look at subjects. The divisional honors program requires a cumulative grade-point average of 3.50 on a minimum of 60 hours of credit and acceptance into a divisional honors program by the department in which a student is majoring. A student who has a minimum of three semesters of participation in a divisional honors program and who has completed an honors paper on an independent project will receive an honors designation on his or her diploma.

Honor Cords

The following departmental honor societies are wearing honor cords in the colors listed:

Alpha Nu Sigma
Nuclear Engineering
Red and Gold

Alpha Sigma Mu
Metallurgical Engineering
Silver and Gold

**Associated Students of the
University of Missouri**
Red and White

Blue Key Honor Society
Royal Blue

**Chancellor's Leadership
Academy**
Yellow and White

Chi Epsilon
Civil Engineering
Purple and White

Epsilon Mu Eta
Engineering Management
Navy and White

Eta Kappa Nu
Electrical Engineering
Red and Navy

Intercollegiate Knights
Blue and Silver

Kappa Mu Epsilon
Mathematics
Pink and Silver

Keramos
Ceramic Engineering
Blue and Gold

Miner Theatre Guild
Arts, Languages, and
Philosophy
Gold and Maroon

**National Residence Hall
Honorary**
Yale Blue and White

Omega Chi Epsilon
Chemical Engineering
Maroon and White

Phi Alpha Theta
History
Light Blue and Light Red

Phi Kappa Phi
Navy and Gold

Phi Sigma
Biological Sciences
Green and Gold

Phi Sigma Pi
Purple and Gold

Pi Epsilon Tau
Petroleum Engineering
Black and Gold

Pi Tau Sigma
Mechanical Engineering
Scarlet and Light Blue

Psi Chi
Psychology
Navy

Sigma Gamma Epsilon
Earth Sciences
Yale Blue and Silver

Sigma Pi Sigma
Physics
White and Green

Sigma Tau Delta
English
Black and Red

Tau Beta Pi
Seal Brown and White



Candidates for the Master's Degree, Summer Session

The following graduates completed their degrees in July and were invited to participate in the December ceremonies.

COLLEGE OF ENGINEERING AND COMPUTING

David Borrok, Vice
Provost and Dean

CIVIL ENGINEERING
Mohamed ElGawady,
Interim Chair

Jiaming Li

COMPUTER SCIENCE
Seung-Jong "Jay"
Park, Chair

Akhila Eedara
Giridhar Samineni
Jayanth Veeramachaneni

**ELECTRICAL
ENGINEERING**
Jonathan W. Kimball,
Chair

Milad Dehghanzadeh
Jonathan Henri Saelens

**GEOLOGICAL
ENGINEERING**
Stephen S. Gao,
Chair

Hugo Elio Angeles-
Huaranga
Gilbert Thomas
Anguiano Jr.
Lucas Jackson Brown
Marlon Thomas
Cammarano
Rafael Eirea Lamberto
Derek A. German
Morgan Marie Hall
Ryan Patrick Hoffman

Iain Keats Laprade
Zachary O'cree
McCloskey
Jonathan Michael
Moynier
Russell Anthony
Scaringi Jr.
Talitha Callianne Towne
Phillip Andre Winston

**GEOLOGY AND
GEOPHYSICS**
Stephen S. Gao,
Chair

Linus Victor Anyanna
Shelby Clark
Jude Jideofor Enete

**MATERIAL SCIENCE
AND ENGINEERING**
Michael Moats,
Chair

Azeez Aremu Akinbo

**MECHANICAL
ENGINEERING**
David Bayless, Chair

Kasim Adesegun Adewuyi
Paul Nnarotam Onyishi

KUMMER COLLEGE

James Sterling,
Vice Provost
and Dean

**INFORMATION
SCIENCE AND
TECHNOLOGY**
Cassie Elrod, Chair
Roshitha Dada

The following became
founding programs
of the Kummer
College in July 2022.

MASTER OF SCIENCE

**ENGINEERING
MANAGEMENT**
David Enke, Interim
Chair

Christopher Angelo Corso
Jacob Daniel Fouts
Nicholas Hedlund
Joseph Louis Kalinka
Benjamin John Lessard
Devin Mashack
Devin Song Men
Corbin D. Mosser
Benson Neely
Vincent Minh Nguyen
Michael Shaun Osburn
Luke Earl Rose
Whitney K. Strong
William Kurt Uhrig Jr.
Ramsey Wagner

MASTER OF ENGINEERING

GEOTECHNICS
Stephen S. Gao,
Chair

Jason W. Polak

**MANUFACTURING
ENGINEERING**
David Bayless, Chair
Avery Louis Roman

MASTER OF SCIENCE

**AEROSPACE
ENGINEERING**
David Bayless, Chair

Samuel Paul Huegen
Rakiswende Sezare
Sakande

Candidates for the Bachelor's Degree, Summer Session

The following graduates completed their degrees in July and were invited to participate in the December ceremonies.

COLLEGE OF ARTS, SCIENCES, AND EDUCATION

Mehrzaad Boroujerdi, Vice Provost and Dean

BACHELOR OF ARTS

HISTORY

Shannon Fogg, Chair

Melvin Marquise
Stovall IV

BACHELOR OF SCIENCE

BIOLOGICAL SCIENCES

David Duvernell, Chair

Addyson Rileigh Kent
Imari Shay Pelfrey

PSYCHOLOGICAL SCIENCE

Clair Ann Reynolds
Kueny, Chair

Amanda M. Aiken
Karli S. Hoerstkamp
Hunter Huynh

COLLEGE OF ENGINEERING AND COMPUTING

David Borrok, Vice Provost and Dean

BACHELOR OF SCIENCE

ARCHITECTURAL ENGINEERING

Mohamed ElGawady,
Interim Chair

Kaylin Renee' Blackwell

CIVIL ENGINEERING

Mohamed ElGawady,
Interim Chair

Rian Daily
Lexi Ann Hunsucker
Jay Mercer

COMPUTER ENGINEERING

Jonathan W. Kimball,
Chair

Nicholas Sebastian
Hoffman
Stephen A. Jankovich
Joshua David Lundien

COMPUTER SCIENCE

Seung-Jong "Jay" Park,
Chair

Tanner Jonathan
Dale Armstrong
Nicholas Hoven
Owen R. Miller-Fast
Avery Raulston

ELECTRICAL ENGINEERING

Jonathan W. Kimball,
Chair

John Bernard
Bridegroom Jr.
Alexander John
Lukomskiy

GEOLOGY AND GEOPHYSICS

Stephen S. Gao,
Chair

Stephanie Johnson
Maryann Lee
Daniel Markley

MECHANICAL ENGINEERING

David Bayless, Chair

Emma Tyler Cothran
Jeriah Seth Jordan
Kaleb Issac Roberts
Wyatt Lee Shay
Benjamin Todd Walter

NUCLEAR ENGINEERING

Joseph W. Newkirk,
Chair

Ian Stewart Clark

KUMMER COLLEGE

James Sterling,
Vice Provost
and Dean

The following became
a founding program
of the Kummer
College in July 2022.

BACHELOR OF SCIENCE

BUSINESS AND MANAGEMENT SYSTEMS

Cassie Elrod, Chair

Jailynn Eaton
Julien Lee Smith Jr.

ENGINEERING MANAGEMENT

David Enke,
Interim Chair
Brooks Wheeler Carter

Undergraduate Honors

Bachelor's degree candidates who completed their degrees in July and earned Summa Cum Laude, Magna Cum Laude or Cum Laude status by virtue of their academic records are wearing gold tassels.

SUMMA CUM LAUDE

Lexi Ann Hunsucker
Stephanie Johnson
Owen R Miller-Fast

MAGNA CUM LAUDE

Addyson Rileigh Kent

CUM LAUDE

Brooks Wheeler Carter
Emma Tyler Cothran
Jailynn Eaton
Bruce Wayne Ervin, III
Karli S. Hoerstkamp
Avery Raulston
Jaden Alexander Tate



Share your memories with #MinerPride

Congratulations, graduates! Your hard work has paid off. We can't wait to share the experience with you and your families and friends. Join the celebration on social media by sharing your memories, photos or videos from your special day with us. Be sure to tag @MissouriSandT on Instagram or Facebook.



University Maces

Capturing the essence of academic tradition, our faculty and student mace bearers in today's ceremonies carry these symbolic artifacts that are tailored to this institution's heritage and inventive spirit. The ceremonial maces were expertly crafted on campus using specialized equipment, including waterjet technology, and showcase the university's commitment to weaving tradition with innovation.

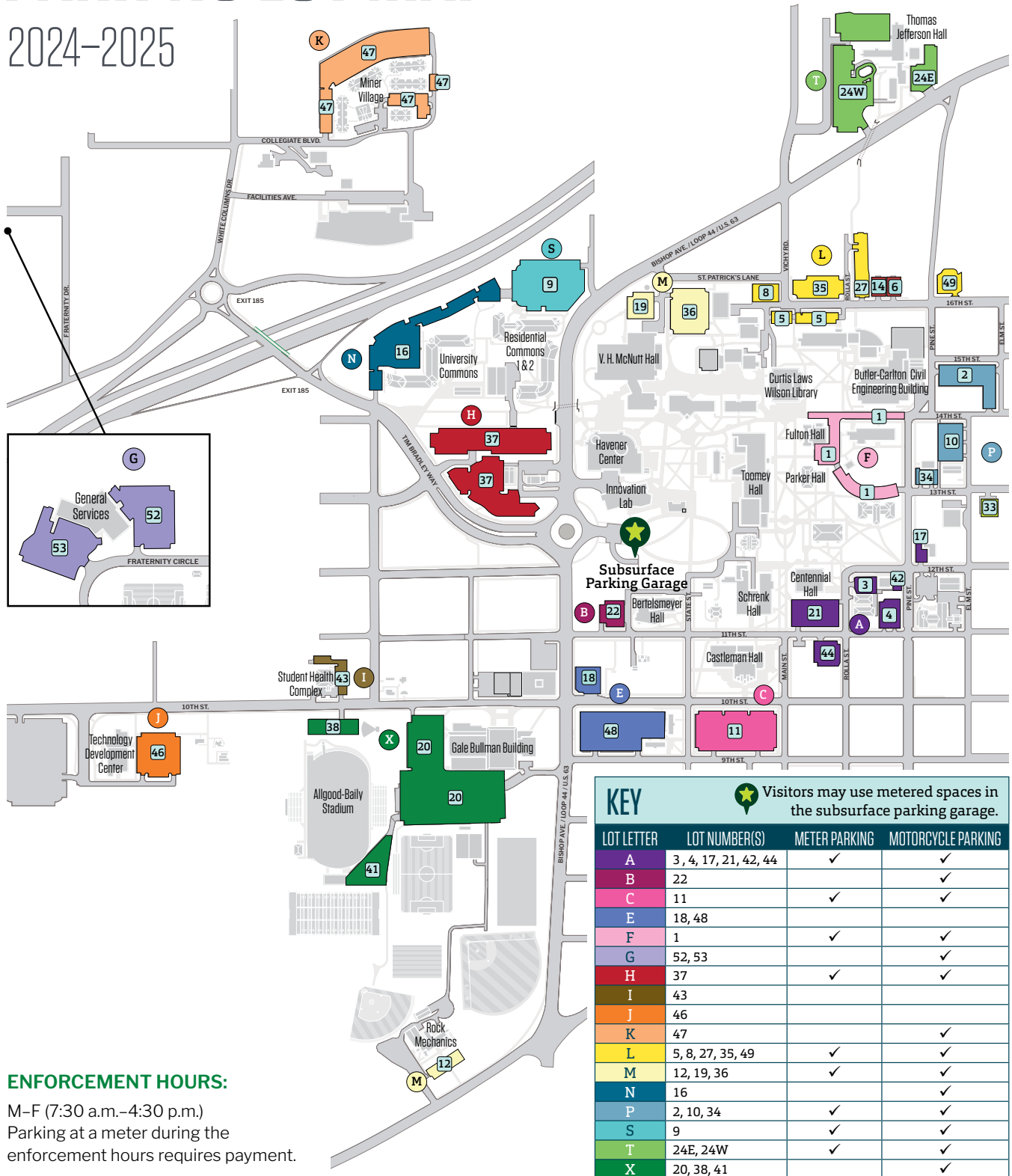
The mace emerged as a symbol of authority dating back to medieval times when knights brandished them in processions alongside royalty. As this tradition evolved, the mace became a ceremonial emblem of peaceful leadership, adorned with jewels and metals.

In the contemporary academic landscape, the university's mace takes center stage during significant ceremonies, gracing commencement and other academic processions before the chancellor and other platform party dignitaries. Notably, a faculty representative from each college at S&T is chosen to carry the three large maces. Each S&T mace proudly features the university's historic emblem in its crown, reinforcing the connection between past achievements and future aspirations.

In addition to the faculty mace bearers, two student representatives from each college are chosen to carry the three smaller maces. Crafted from wood and aluminum, these student maces also feature the historic emblem, creating a tangible link between the rich history of S&T and the aspirations of its future leaders.

PARKING LOT MAP

2024-2025



ENFORCEMENT HOURS:

M-F (7:30 a.m.–4:30 p.m.)
 Parking at a meter during the enforcement hours requires payment.

PARKING LOT OPERATIONS

573-341-4303 | parking@mst.edu

KEY Visitors may use metered spaces in the subsurface parking garage.

LOT LETTER	LOT NUMBER(S)	METER PARKING	MOTORCYCLE PARKING
A	3, 4, 17, 21, 42, 44	✓	✓
B	22		✓
C	11	✓	✓
E	18, 48		✓
F	1	✓	✓
G	52, 53		✓
H	37	✓	✓
I	43		
J	46		
K	47		✓
L	5, 8, 27, 35, 49	✓	✓
M	12, 19, 36	✓	✓
N	16		✓
P	2, 10, 34	✓	✓
S	9	✓	✓
T	24E, 24W	✓	✓
X	20, 38, 41		✓

- **Meter-Only:** Lots 6, 14
- **Employee-Only:** Lots A, B, F, G, M
- **Childcare Development Center Only:** Lot 33
- **Food Truck Parking (by reservation only):** Lots B, E, F, H, X

EMERGENCY PROCEDURES

In the event of a weather emergency

Proceed to the stairwells and walk down to the lower-level hallways. Stay away from exterior doors and windows. Guests on the lower level should proceed to the hallways. Remain in the hallways until University Police officers give the "all-clear."

In the event of a fire

Do not use any elevator.

Lower-level bleachers and floor seats, north side

Proceed to the main hallway and exit through one of three north exits. Proceed to the Immanuel Lutheran Church parking lot, located directly across 10th Street, at the corner of 10th and Spring streets.

Lower-level bleachers and floor seats, south side

Proceed to one of two sets of stairs located on each side of the bleachers. Go down one floor to ground level. Exit the south side of the building and proceed to the southern edge of the parking lot near the indoor practice facility.

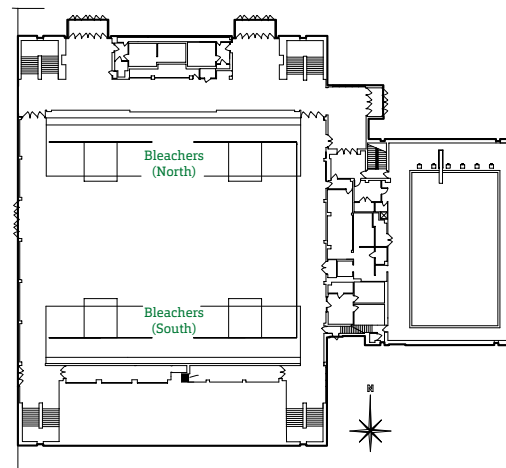
Overflow room

Proceed to the hallway on the north side of the room (near the reception area), turn left and exit the building on the west side. Proceed to the edge of the parking lot closest to the football field. Or exit via the door adjacent to the fitness center, which leads to the south side parking lot. People exiting through this door should proceed to the southern edge of the parking lot near the indoor practice facility.

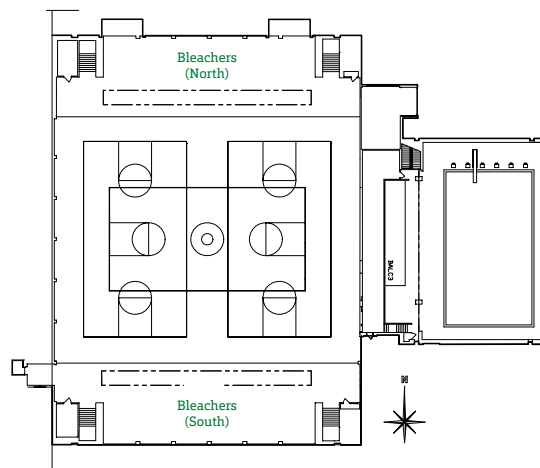
One defibrillator is located on the west wall of the Lower level.

Sign up for campus alerts

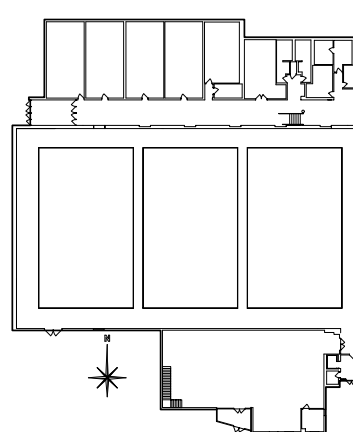
Text **MinerAlert** to 78015 and receive emergency alerts while on campus (valid until midnight).



Lower Level



Upper Level



Overflow Room

ALMA MATER HYMN

Through the years with honor glowing,
Love for you is ever growing,
From our hearts forever flowing, Missouri S&T.
Wrought in silver, forged in gold,
Always in our hearts we'll hold,
UM Rolla, MSM,
Missouri S&T!



Share your feedback

Scan the QR code or visit commencement.mst.edu and fill out a short survey about your experience today. Your opinion matters to us.

