

MARCH 20, 2025 | MACQUEEN ALUMNI CENTER



Leadership on Projects Defining Skylines, Coastlines & Transportation Lines

ENGINEERING

ENVIRONMENTAL

DRILLING & TESTING

CONSTRUCTION

BUILDINGS & ENVIRONMENTS



thompson

ENGINEERING

thompsonengineering.com









5 p.m.

COCKTAIL RECEPTION

6:30 p.m.

INVOCATION/DINNER

7 p.m.

AWARDS PROGRAM

WELCOME / SPONSOR & COMMITTEE RECOGNITION

Mark Norris, PE, PMP - MACE Chairman

AWARDS PRESENTATION

Ray Miller, PE - MACE Awards Chair

SOCIETY AWARDS

INDIVIDUAL OF SPECIAL RECOGNITION

DISCIPLINE AWARDS

EDUCATOR OF THE YEAR

MACE-RABURN/USA ENGINEERING SCHOLARSHIP AWARDS

YOUNG ENGINEER OF THE YEAR

ENGINEER OF THE YEAR

Closing Remarks



ASCE Outstanding Engineer DANIEL McGOUGH, PE

Daniel McGough is a Senior Geotechnical Engineer with Southern Earth Sciences with 20 years of experience. He earned a Bachelor's degree in Civil Engineering from Auburn University and a Master's degree in Geotechnical Engineering from Virginia Tech. Daniel began his career in North Carolina where he worked as a geotechnical engineer for 12

years for two regional consulting firms. Daniel relocated to his hometown of Mobile in 2016 and has since worked as a geotechnical engineer with Southern Earth Sciences. Daniel has enjoyed working on many types of projects both large and small across the Gulf Coast and Southeastern US. He maintains a PE license in AL, MS, FL, LA, TX, and NC.

Daniel has been active in ASCE since his time in the student chapter at Auburn. While working in North Carolina, he served in several officer positions including a term as President for the Western North Carolina Branch of ASCE. This past year, Daniel completed five years of service as an officer for the ASCE Mobile Branch, having served two terms as secretary, then vice president, president, and past-president.

Daniel lives in Mobile with his wife Sara, and their two daughters, Lucy and Sydney, ages 10 and 14. Daniel would like to thank his family for supporting his participation in ASCE and his other volunteer pursuits, his past and current employers for encouraging and supporting his participation in ASCE, and the fellow ASCE members and officers he has been privileged to learn from and serve with over the years.















SAME Outstanding Engineer CONNER COBB, EIT

Connor Cobb is a Mechanical Engineer working at Pond & Company's Mobile, Alabama office. He is a gulf coast native and graduated from the University of South Alabama. In his role as a mechanical engineer, he works to develop HVAC & Plumbing design solutions for clients in a variety of industries, particularly Department of Defense (DoD) customers including the U.S. Army Corps of

Engineers (USACE), Naval Facilities Engineering Systems Command (NAVFAC), and all branches of the military reserves.

Connor is currently sitting on the board of directors of the Society of American Military Engineers (SAME) Mobile Post and has been involved in the organization since 2019, where he first received a scholarship from the Post to pursue his degree in engineering. He then led the local SAME student chapter as president and now is the industry advisor for this student organization. Through this position, he provides mentorship to local students to achieve their professional goals.

Outside of work, Connor enjoys hiking in the mountains, sailing in Mobile Bay, and spending time with his Fiancée, Annie!





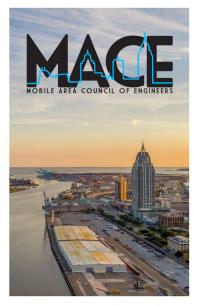
Individual of Special Recognition CHARLOTTE KOPF

With a career spanning 50 years, Charlotte Kopf has been a driving force in Alabama's construction industry. Since joining the Alabama Associated General Contractors (AGC) in 1975, Charlotte has dedicated herself to advancing the industry through leadership, advocacy, and workforce development. As the Mobile Section Manager for over three decades, she played a crucial role in strengthening

AGC's presence, spearheading membership initiatives, and organizing impactful industry events.

Charlotte's influence extends beyond AGC, as she has been a champion for workforce development and industry safety. She served on the Alabama Construction Recruitment Institute (ACRI-Go Build) board and played an instrumental role in coordinating the World of Opportunity event with the Southwest Alabama Workforce Development Council (SAWDC), introducing thousands of students to careers in construction. Her dedication to the well-being of industry workers is evident through her long-standing tenure on the Alabama AGC Workers' Compensation Self-Insured Fund Board of Trustees.

A respected voice in industry advocacy, Charlotte has engaged with state and national leaders to shape policies benefiting the construction sector. Though retired, her legacy of leadership and commitment to industry growth will have a lasting impact, making her truly deserving of the highest recognition.









Engineering Manager of the Year HEATH STEPHENS, PE, FS ENG

Heath Stephens, PE, is Hargrove Controls & Automation's Digitalization Leader. Under his leadership, Controls & Automation teammates create innovative, data-driven solutions for modern manufacturing challenges. A graduate of the University of South Alabama, where he earned a bachelor's degree in chemical engineering, Heath

has built a successful career by staying current on new and advancing technologies, as well as mentoring young engineers. Heath is a registered professional engineer in twelve states, a certified TÜV functional safety engineer, and a member of the National Council of Engineering Examiners (NCEE). He regularly hosts panels at industry events, is also an active member of the American Institute of Chemical Engineers (AIChE), and sits on the Board of Directors for HarGIVES, Hargrove's service-focused charitable organization.



Aerospace Engineer of the Year PAIGE PALAZZO

Paige graduated from the University of South Alabama with a B.S. in Mechanical Engineering. She joined Airbus in 2022 as an intern at the Airbus Engineering Center while completing her degree. Paige now works on the Single Aisle Linings team, collaborating with Airbus Hamburg colleagues to customize the A320 Airspace Cabin

to meet or exceed airline customer and safety requirements.

She has developed multiple automation solutions using Python and Google Apps Script, streamlining processes such as part steering for Stowages and Floor Coverings, tracking Joint Change Requests for the Stress department, and generating Customized Technical Specification documents for Single Aisle Airspace Door Frame Linings and Entrance Ceilings.

To support the ramp-up of the A320 Family, Paige has played a key role in transferring Version Engineering knowledge from the Hamburg Design Office to Mobile, strengthening the Linings team. The team is now expected to work on 17 new aircraft versions for customers in 2025. Paige is a member of the American Society of Mechanical Engineers and enjoys playing pickle ball and golf in her free time.

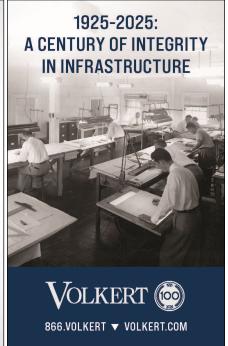


Chemical Engineer of the Year DAIVD ROBERT KOCH, PE

David Koch, PE serves as Process Engineering Manager and Consultant II for Hargrove's Mobile office with extensive expertise in chemical engineering and process optimization. A graduate of the University of Utah, where he earned a bachelor's degree in Chemical Engineering, David has built a career focused on driving innovation. He

is a registered professional engineer across the coast including Alabama, Mississippi, Louisiana, and Texas. With over 28 years of experience, David has contributed significantly to the field, earning two patents (Carbon Dioxide Purification & Process for Safe Membrane Operation) that showcase his passion for problem-solving and his dedication to implementing cutting-edge solutions.







Civil Engineer of the Year THOMAS G. BRYMER, PE, MS

A graduate of the University of South Alabama, Mr. Brymer joined Volkert in 2019 and has over eight years of specialized experience in civil engineering. As a key contributor to Volkert's water and wastewater initiatives, he leads planning, studies, and design efforts for water and wastewater treatment plants (WWTP), distribution and collection systems, and comprehensive master

plan development for municipalities.

Beyond project execution, he serves as a Client Services and Project Manager to local municipalities and utility boards with strategic guidance on regulatory compliance, agency coordination, annual reporting, permitting processes, and grant implementation strategies. His work is driven by a commitment to balance client objectives with the safety, health, and well-being of the communities he serves.

As a licensed Professional Engineer in Alabama, Florida, Georgia, and Louisiana, he has also successfully managed projects for a diverse portfolio of clients including ALDOT, USS Alabama Battleship Commission, MAWSS, MCWSFP, Saraland Water and Sewer Service, and numerous other cities, counties, and water and sewer utility boards along the Gulf Coast.

Recognized for his ability to integrate technological advancements, evolving industry standards, and regulatory changes into his work, Thomas consistently delivers forward-thinking, sustainable solutions. His portfolio includes the installation of water and sewer mains using both open-cut and trenchless technology methods, raw water wells, WWTP designs and renovations, water booster stations, and sanitary sewer lift station designs.

As an active member of several esteemed professional organizations, including the Water Environment Federation (WEF) and the Alabama Water Environment Association (AWEA), Mr. Brymer is dedicated to advancing knowledge, innovation, and best practices in water and environmental engineering. Passionate about mentorship, he is committed to developing the next generation of engineers, fostering leadership, and promoting excellence in the field. Thomas enjoys spending time with his family, attending church, coaching youth soccer at West Mobile Park and West Side baseball, and oil painting.





Electrical Engineer of the Year DR. R. CLIVE WOODS

Dr. Clive Woods studied at Oxford University, earning Bachelor, Master, and Doctor of Philosophy degrees for research on magnetic materials at Oxford University's Clarendon Laboratory. Next he worked on surface-acoustic wave signal-processing devices as a Postdoctoral Researcher in Oxford University's Engineering Science Department. After

serving as Senior Scientist at Plessey Research Ltd., he then moved to a faculty position, equivalent to Assistant and Associate Professor, in Electronic and Electrical Engineering at Sheffield University, researching III-V semiconductor devices. In 1995 he was Professeur Invité at INSA, Lyon, France, and from 2002 he was Professor of Electrical and Computer Engineering at Iowa State University. In 2005 the University of Oxford awarded him the rarely bestowed Higher Doctorate, acknowledging his distinguished research career. In 2006 he became a Fellow of the Institution of Engineering and Technology, and he moved again to be Electrical and Computer Engineering Department Chair. From 2010 he was Program Director for Japan and other East Asia nations at the Federal National Science Foundation, receiving the NSF Director's Award for Collaborative Integration. He moved to the University of South Alabama in 2016 as Associate Dean of Engineering for research and graduate affairs. Dr. Woods is also an accomplished pianist.





Marine Engineer | Naval Architect of the Year JOSH TRIPPI, PE

Josh Trippi is the Lead Naval Architect for the U.S. Coast Guard (USCG) Heritage-class Offshore Patrol Cutter (OPC) program. He manages a team of engineers to complete the vessel structural design, stability analysis, and speed and power analysis. With his guidance, they removed almost 200 tons

from the vessel design, developed creative tank arrangements to meet stability criteria, and optimized the structural design for producibility in the manufacturing facility.

Trippi has driven the OPC design through USCG and American Bureau of Shipping (ABS) review and approval at a record pace, lowering the risk of rework and providing an avenue for quick delivery of the ship to support the U.S. Department of Homeland Security demands. Through strong relationships built with the USCG and ABS, he proposed rational changes to contractual and rule requirements that were beneficial to construction and technically sound based on engineering analysis and reasoning.

Trippi came from Ship Architects where he was director of engineering. He provided engineering and construction support for projects such as push boats, articulated tug-barges, and research vessels. He also performed retrofit, repair, and re-power work for a variety of vessels.

Trippi is an Alabama licensed Professional Engineer with a BS in mechanical engineering.



Mechanical Engineer of the Year STEVE WILLIAMSON, PE

Steve Williamson, PE serves as Mechanical Engineering Leader for Hargrove's Mobile office. A graduate of the University of South Alabama, where he earned bachelor's degrees in mechanical engineering and business/finance, Steve has developed a career dedicated to driving advancement in the field. With nearly 38 years of

experience, Steve has supported many successful projects throughout the region. He is a registered professional engineer in many states including Alabama, California, Florida, Louisiana, Texas, West Virginia, and Mississippi. Steve is also an active member of the American Society of Mechanical Engineers (ASME) where he contributes his expertise to promoting growth in the field.

WORK-WITH US

JOIN THE TEAM OF STEEL

amnscalvertjobs.com



















A tradition since 1967, MACE was founded by practicing engineers from the local society chapters. Those founders envisioned an organization that exchanged information specifically of interest to engineers practicing in the Mobile area.

In addition, they saw the need to recognize their peers. Over time, MACE grew to include an annual awards banquet and set up an endowment to award engineering scholarships to further promote the field of engineering.





Plant Engineer of the Year WILLIAM WARD

Bill Ward is an accomplished Engineer at Alabama Power Plant Barry, where he plays a pivotal role in supporting the plant's environmental assets. He holds a Bachelor of Science in Biochemistry from Auburn University and a Bachelor of Science in Chemical Engineering from the University of South Alabama.

With over 16 years of industrial experience, Bill's career spans roles as a Chemical Technician, Compliance Specialist, and Engineer. His extensive background equips him with a deep understanding of the industrial sector and a strong commitment to environmental stewardship.

At Plant Barry, Bill leads engineering assignments that ensure the plant's operations align with stringent environmental standards. His dedication to sustainability is evident in his role as the chairperson for the Barry Environmental Stewardship Team, where he spearheads efforts to promote environmental stewardship throughout Mobile County.

In addition to his professional responsibilities, Bill is passionate about mentoring the next generation of engineers. He actively mentors coop engineering students and represents Alabama Power at career fairs, fostering connections between the company and aspiring engineers.

Bill's commitment to environmental sustainability and his dedication to mentoring young talent make him a valuable asset to Alabama Power and the wider engineering community.



Engineering Educator of the Year SHENGHUA WU

Shenghua Wu, Ph.D., PE, LEED AP, is an Associate Professor in the Department of Civil, Coastal, and Environmental Engineering at the University of South Alabama. His research includes civil engineering materials, sustainable pavements, plastic circularity, STEM education, and interdisciplinary approaches. He has successfully secured over \$8 million in research funding through competitive grants from

organizations such as NOAA, EPA, NSF, NIST, and DOT. Dr. Wu holds several leadership roles, serving as the Director of the Interdisciplinary Center for Sustainable Engineering (ICSE), Executive Director of the Gulf Coast Environmental Engagement Center (GCEEC), Director of the Gulf Coast Center for Addressing Microplastics Pollution (GC-CAMP). He is also the founding faculty advisor for the Society of Sustainable Engineering (SSE). He has published 75 peer-reviewed journal articles and 71 conference presentations. Dr. Wu has been working closely with undergraduate students to pave their path to success, inspiring them to pursue research and explore various career opportunities. He developed an FE exam review course, offered for free to help students pass the FE exam. He was the recipient for Recognizing Academic Research Excellence (RARE) award (2024), Tau Beta Pi Professor of the Year (2023), Mortar Board Top Prof (2023), and Excellence in Teaching Award (2021).

MACE-Raburn Engineering Scholarship Recipients

The MACE-Raburn Engineering Scholarship was established in 2003 by the USA College of Engineering, Dr. Red Raburn, and the Mobile Area Council of Engineers to provide tuition assistance for outstanding engineering students at the University of South Alabama. This year, MACE is extremely proud to announce each recipient will receive a \$5,300 scholarship.



ANDON FRYE

Andon is a junior Mechanical Engineering Major at the University of South Alabama. Andon is a follower of Christ and desires to see people helped and happy. He enjoys lifting weights, reading, and spending time in nature. Andon hopes to be able to use his degree and his vocational life to serve others and to bring more light to the world.



JANIYA HUNT

Janiya Hunt is a junior Chemical Engineering student with a minor in Communication from D'Iberville, Mississippi. She serves as the Secretary of the American Institute of Chemical Engineers and President of South Wesley Student Ministry. She is also an active member of the Latin American Student Organization, Women of Excellence, and the National Society of Black Engineers. She loves to participate in volunteer services to give back to her community. After earning her bachelor's degree, she plans to begin her career at a chemical plant and work toward a management role in the industry.









Young Engineer of the Year NICK ROSE, PE

Nick Rose graduated from Auburn University before joining Volkert in 2018 as a Project Engineer. In this role, he was responsible for developing plans and specifications, conducting pre-bid meetings, and preparing engineering reports and project quantities for state, municipal, and private sector clients.

As he advanced within Volkert, Mr. Rose took on

greater responsibilities and now serves as a Project Manager for local site development and roadway design projects. His work includes roadway widenings, access roads, site design, and streetscape enhancements. He is also responsible for planning, designing, and overseeing the execution of construction plan documents for a variety of local clients.

A native of the Mobile area, Nick attended McGill-Toolen Catholic High School, where he built the foundation for his future career in engineering.

He is a licensed Professional Engineer in Alabama and an active member of the American Society of Civil Engineers (ASCE) – Mobile Branch and the American Society of Highway Engineers (ASHE). He has also contributed to the profession by serving as a panelist in a Q&A session between industry professionals and students at the University of South Alabama.

Some of his notable projects include:

- Mobile Airport Authority: Site design and access roads for the ongoing terminal relocation.
- City of Mobile: The Broad Street Complete Streets Program.
- ALDOT: Design services for the Mobile River Bridge and the Linden Bypass (North and South).
- Baldwin County: Access road design for the South Alabama Megasite (Novelis).
- Alabama Port Authority: Roadway design for the APM/ICTF Connector Bridge.

His clients include the Mobile Airport Authority, Airbus, the City of Mobile, the Port of Mobile, ALDOT, the City of Gulf Shores, the Baldwin County Commission, and various local contractors.

Outside of work, Nick enjoys golf, traveling, and spending quality time with his wife, Jordan, and their daughter, Sophia (8 mo).



3207 International Drive, Suite G • Mobile, Alabama 36606 • (251) 476-4720 • www.mcwinc.com







Engineer of the Year KENDALL KILPATRICK, PE

In his role as Chief Executive Officer of Thompson Engineering, Kendall Kilpatrick, PE leverages his more than 25 years of experience to lead more than 500 staff across the Southeast United States. An Auburn University graduate and native Mobilian, Kendall is dedicated to the growth and success of Mobile, the State of Alabama, and the engineering industry as a whole. He has been crucial in bringing

Mobile new opportunities such as the Airbus Manufacturing Campuses and Mobile River Bridge and Bayway projects.

In addition to his daily responsibilities, Kendall serves and has served in leadership roles for professional organizations such as the American Society of Civil Engineers (ASCE) Mobile Branch, Alabama Section, and Industry Leaders Council as well as serving as Vice President and State President of the American Council of Engineering Companies (ACEC) of Alabama to help advance the engineering profession. In his role as President of ACEC, Kendall played an instrumental role in partnering with industry associations and other engineering companies to promote new legislation for our industry. In 2021, Governor Ivey signed Act#2021-318 into law in Alabama which provides significant protection for design professionals in Alabama including engineers, architects, surveyors, landscape architects, interior designers and geologists. This legislation provides protection against broad indemnity obligations beyond the design professional's negligence, defines the standard of care, and restricts defense obligations for indemnity of a design professional not covered by insurance.





At Airbus, we want to be known for more than our exceptional products and services, but for the positive impact we have on the world and its citizens. That's why we are developing commercial aircraft concepts to achieve zero-emission flight, exploring various technology pathways to lead the way in decarbonizing aviation, and pioneering sustainable aerospace for a safer and more sustainable world.





BOARD OF DIRECTORS

CHAIRMAN

Mark Norris, PE, PMP | Hargrove Engineers & Constructors

TREASURER

John Keahey, PE | FCG Associates, Inc.

AWARDS SELECTION COMMITTEE CHAIR

Ray Miller, PE I Volkert Inc.

BANQUET CHAIR

Penny Boulton | Southern Earth Sciences, Inc.

PAST CHAIRMAN

Thad Hendrix, PE I Dunn Building Company

MACE COMMITTEE

MARKETING / DIGITAL MEDIA

Nicolas Hausman | Hargrove Engineers & Constructors

SPONSORSHIPS

Ryan McKee, PE | Precision Engineering, Inc.

MEMBER AT LARGE

Chris Smith | Austal USA

UNIVERSITY OF SOUTH ALABAMA REPRESENTATIVE

Derik Wolfe | University of South Alabama





ENGINEERING SOCIETIES

American Society of Civil Engineers

Mobile Branch - ASCE | 2nd Wednesday Snezana Dragosavljevic, President | sdragosavljevic@thompsonengineering.com

American Society of Mechanical Engineers

Gulf Coast Section - ASME I www.asme.org

Alabama Society of Professional Engineers

Mobile Chapter - ASPE | 1st Wednesday Melissa O'Sullivan, President | melissa.osullivan@volkert.com

Institute of Electrical and Electronic Engineers

Mobile Section - IEEE | 3rd Tuesday Mohammad Yusef El-Sharkh, President | yel-shark@southalabama.edu

International Society of Automation

Mobile-Pensacola Section - ISA | Monthly Sean Phillips, PE, President | sphillips@hargrove-epc.com

Society of American Military Engineers

Mobile Post - SAME | 3rd Wednesday Derrick Rogers, PG, President | derrick.rogers@tetratech.com

University of South Alabama

Engineering Student Council | Monthly Eric Steward, Ph.D., PE | esteward@southalabama.edu

American Society of Heating, Refrigerating and Air-Conditioning Engineers ASHRAE I www.ashrae.org





Engineer of the Year Past Recipients

	of the re		
Drew T. Davis	2024	Bill L. Roberson	1993
Lloyd L. Pitts	2022	Lynn C. Doyle	1991
Roy Duncan	2020	J. Earnest Farnell	1990
Emory Baya	2018	Stanley H. Houston	1989
Ray Miller	2017	James R. Couey	1988
Tom Wade	2016	T. Keith King	1987
William J. Knapp	2015	James L. Busby	1986
Tim E. Patton	2014	Thomas J. Terrell	1985
William Walter Bolton	2012	Harold V. Rodriguez	1984
David M. Webber	2011	Charles G. Munden	1983
Dr. James E. Laier	2010	Norman J. Walton, Sr.	1982
John W. Steadman	2009	Col. Robert H. Ryan	1981
Henry R. Seawell, III	2008	Marion H. Wilkins	1980
Francis M. Donovan, Jr.	2007	Thomas K. Peavy	1979
Douglas C. Otto, Jr.	2006	James S. Philip	1978
Scott L. Douglass	2005	Frank C. Deming	1977
Anthony L. Palmer	2004	A.L. Pardue	1976
Kathryn Ann Wilhelm	2003	Donald L. Smith	1975
Lanier S. Cauley	2002	E.L. Rivenbark	1974
Rodney W. Summerford	2001	H. Minge Reed, Jr.	1973
Robert W. Barber	2000	E.A. Drago	1972
Guy E. O'Connor	1999	Kenneth C. Roberts	1971
J. R. Ehlenberg	1998	Robert Earl Pride	1970
George K. Chandler	1997	Wayne F. Palmer, Sr.	1969
Richard F. Beirne	1996	Gen. W. K. Wilson, Jr.	1968
Toby E. Gurley	1995	Harry E. Myers, Sr.	1967
Nathaniel D. McClure IV	1994		

Young Engineer of the Year Past Recipients

John Edwin Bass, Jr.	2024	Scott Peach	2010
Charles Byerly	2023	Steven D. Stewart	2009
Jordan Stringfellow	2022	Angela O'Connor	2007
Alex Smith	2020	Kendall L. Kilpatrick	2006
Abdulai Abdul-Majeed	2019	Scott S. O'Briant	2005
Andrew E. James	2018	Scott A. Hardy	2004
Justin McDonald	2017	Melinda D. Immel	2003
R.J. Gonzales, III	2016	David M. Webber	2002
Jason B. Krick	2015	J. T. Little	2001
Kenneth W. Nichols	2014	D. Mark Poore	2000
Angela Yvonne Nolan	2012	Kathy R. Speight	1999
Bobby Odom, Jr.	2011	Robert C. Roubion	1998

The Mobile Area Council of Engineers gratefully acknowledges the financial support of the following companies and organizations:



AWARDS SPONSOR



SCHOLARSHIP SPONSOR



DINNER SPONSOR



BAG SPONSOR



PLATINUM SPONSOR



GOLD SPONSORS



SILVER SPONSORS







BRONZE SPONSORS





















Calling Mobile Home since 1995.

With 19 full-service project execution offices, Hargrove utilizes tools and best practices that make the most of your data and prevent costly mistakes. With expertise in engineering, procurement, construction, automation, startup, and more, our Team has the experience you need throughout the entire project life cycle.

To learn how we can put our culture of innovation to use for you, *contact us at info@hargrove-epc.com*.



