

Society of American Military Engineers

Mission: To build leaders and lead collaboration among government and industry to develop multidisciplined solutions to national security infrastructure challenges.

Our Enduring Purpose: “To promote solidarity and cooperation between engineers in civil and military life, to disseminate technical knowledge bearing upon progress in the art of war and the application of engineering science thereto, and to preserve and maintain the best standards and traditions of the profession, all in the interests of patriotism and national security.”

SAME 2025 Vision

“To serve our nation as the foremost integrator for leadership development and technical collaboration within the A/E/C profession.”

MISSION
Build leaders and lead collaboration among government and industry to develop multidisciplinary solutions to national security infrastructure challenges.

VISION
Serve our nation as the foremost integrator for leadership development and technical collaboration within the A/E/C profession.

2025 STRATEGIC OUTCOME
Set the industry standard for active membership that creates lasting impact at the local and national levels.

★ GOAL 1 ★
STRENGTHEN INDUSTRY-GOVERNMENT ENGAGEMENT
Lead efforts to foster communication and build relationships among military, public, private, academic, and professional organizations; further collaboration to identify issues and develop solutions in support of national security.

OBJECTIVES:

- Ensure SAME's Industry-Government Engagement Plan promotes multidisciplinary industry-government collaboration and adds value to shared efforts to improve America's infrastructure, with the Society recognized by all stakeholders as the platform for industry-government engagement.
- Develop Strategic Partnerships to identify focus areas, challenges, opportunities, and potential solutions, integrating mutual expertise to achieve greater results.
- Ensure SAME's Communities of Interest serve Posts and national entities as subject matter experts, leveraging the Society's broad technical diversity to advance knowledge, standards, and best practices.
- Develop a portfolio of professional communications to inform, educate, and reinforce SAME's impact to the nation; provide a repository of industry-government engagement tools, resources, and lessons learned on the SAME national website.
- Promote inclusion of stakeholders interested at the Post, regional, and national levels through meetings, workshops, symposiums, and conferences.

★ GOAL 2 ★
BUILD AND SUSTAIN RESILIENT COMMUNITIES
Lead efforts to prepare communities to absorb, recover, and adapt from natural and man-made threats; fortify our nation's resiliency directly where people work and live.

OBJECTIVES:

- Leverage local, regional, national, and international partnerships to educate and train members and stakeholders on infrastructure risks, mitigation efforts, and joint response strategies to natural and man-made events.
- Utilize SAME's multidisciplinary network to convert and educate stakeholders on new and existing technologies and to develop solutions to problems across critical infrastructure sectors.
- Promote partnerships and collaboration supporting the needs of military institutions in pursuit of mission assurance and readiness (such as energy, water, and cyber security).
- Utilize SAME's national relationships and local Posts to furnish vertical collaboration between all levels of government and private business.
- Lead collaboration to advocate for streamlined acquisition and implementation of resilience solutions.

★ 2025 SAME STRATEGIC PLAN ★

The 2025 SAME Strategic Plan is the result of a year-long inclusive effort that collected input and perspectives from all demographics across our Society. Contributions from Posts and Regions, Strategic Partners and Communities of Interest, Young Members and Fellows, and stakeholders throughout government, industry, academia, and the military were carefully blended to ensure that every member can see themselves in the plan and knows how they can contribute.

Our mission to "build leaders and lead collaboration among government and industry to develop multidisciplinary solutions to national security infrastructure challenges" is woven all throughout the five goals and 20 objectives.

The plan is fully and deliberately. SAME leadership invites not all Posts will achieve every goal and objective. Posts are encouraged to select the areas where they can provide the greatest impact and best serve their members. When we combine our vast network of local, regional, national, and international relationships reaching across the profession, we are confident the Society will successfully achieve these goals and objectives collectively.

For 100 years, SAME has been dedicated to patriotism and national security. As we start our second century, we hope you are inspired to further advance these aims of service through building leaders and leading collaboration across the spectrum of our involvement.

★ GOAL 3 ★
DEVELOP LEADERS FOR THE PROFESSION
Lead efforts to enhance leadership development and cultivate the talent necessary to address the nation's grand challenges; ensure the enduring stewardship of the A/E/C profession.

OBJECTIVES:

- Execute leader development programs at the Post, regional, and national levels and ensure their long-term viability.
- Promote a structured mentoring continuum, highlighting growth and leadership opportunities for members at all levels.
- Support and promote the SAME Foundation in fostering engineering leadership for the nation.
- Increase participation and partnerships with academic institutions and college students at the local, regional, and national levels.
- Utilize SAME Fellows to assist Posts in building engagement, identifying and developing volunteer leaders, and establishing summer plans.

★ GOAL 4 ★
ENRICH THE STEM PIPELINE FOR THE NATION
Lead efforts to inspire, encourage, and enable youth to pursue STEM careers; help develop the technical capacity that our nation needs to remain globally competitive.

OBJECTIVES:

- Become a leader in STEM initiatives by leveraging national partnerships and connecting with locally relevant organizations focused on advancing STEM.
- Grow prospective members of the Society through 6-12 outreach, scholarships, sponsorships, and engagement of college students.
- Grow participation in existing, and create new, Post and national STEM camps and incentives; develop programs to motivate members to serve as mentors.
- Align students with mentors to enhance learning and long-term commitment that leads them into STEM professions.
- Enhance college outreach by collaborating nationally to help define the effective and unique role of Student Chapters.

★ GOAL 5 ★
PREPARE SERVICEMEMBERS AND VETERANS FOR THE A/E/C INDUSTRY
Lead efforts to fully integrate military and government members into the A/E/C industry; support training, credentialing, and networking initiatives that build, maintain, and translate skills to meet current and future needs.

OBJECTIVES:

- Provide technical and joint training, industry best practices, and networking opportunities to servicemembers at the Post, regional, and national levels.
- Provide servicemembers and veterans access to the full spectrum of credentialing for licensed professionals, skilled labor certifications, and other A/E/C qualifications.
- Enable success during and after active service by eliminating barriers to participation and by partnering with organizations that promote the entirety of veteran well-being.
- Sponsor leader development, networking, mentoring, and job fair opportunities for transitioning servicemembers that connect them to trade labor unions, industry organizations, and other professional resources.
- Operationalize the Post sponsorship model, where SAME Posts coordinate to welcome servicemembers/soldiers and their families upon transitioning to new locations.

SAME Membership

- **27,500+** total members around the world
- **2,700** Student Members at 60 college chapters
- **1,600** Sustaining Members (firms, agencies, non-profits)
- **7,200** Uniform & Public Sector Members (Army, Navy, Air Force, Marine Corps, Public Health Service, Coast Guard and civilians)



**US Army Corps
of Engineers®**



It's about Relationships!

**SAME Fosters trust and understanding
through collaborations among military,
public, private, academic and nonprofit
professional organizations**

Industry

Academic
Institutions

Public
Agencies

Individuals

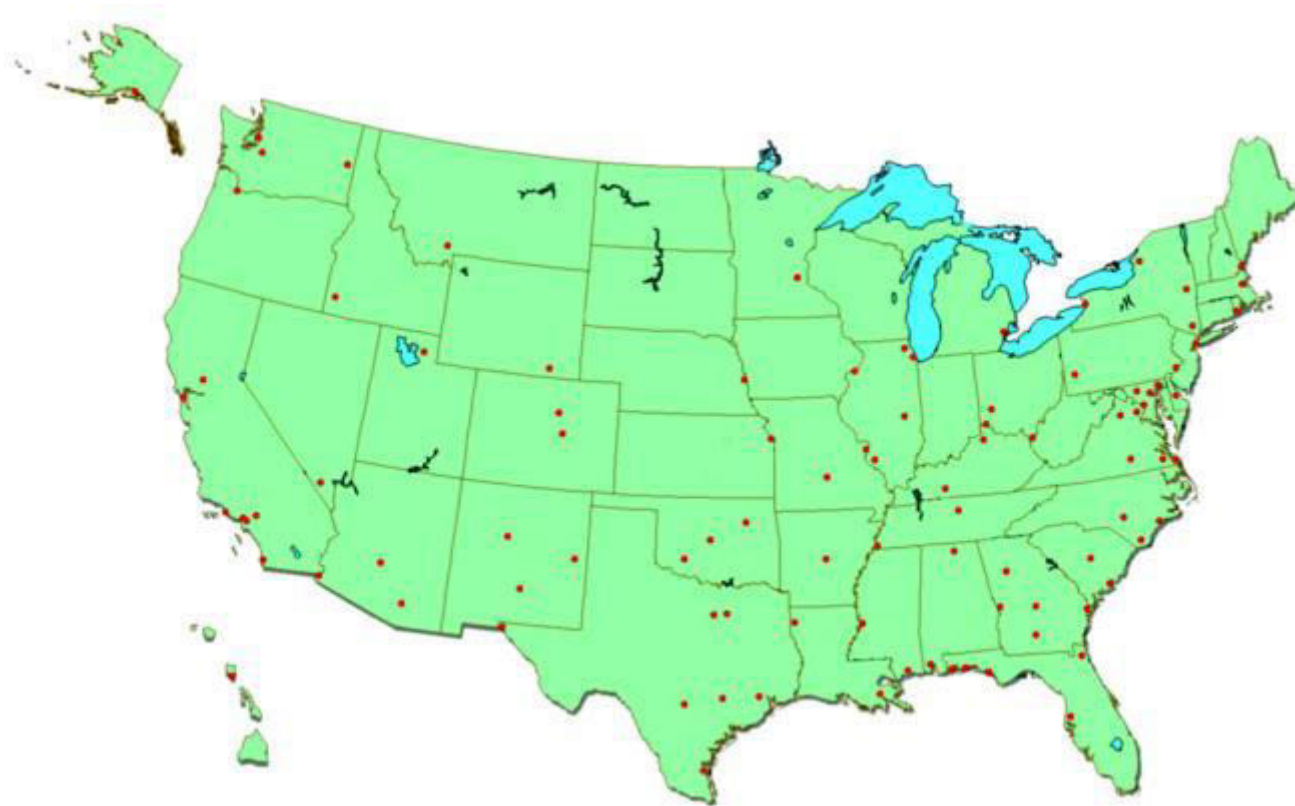
NonProfits

Why SAME? Because SAME is Unique.

SAME offers professional and personal development, networking and community involvement to individuals of all ages committed to contributing to our national security. We lead a collaborative and focused coalition of organizations that creates opportunities to address and resolve issues that enhance our national security.



SAME's 100+ Posts are your **connection**



Industry-Government Collaboration: Communities of Interest

SAME's Communities of Interest are **technical bureaus of professional dialogue** where industry and government subject matter experts can connect nationally to advance solutions to both current and future A/E/C-related national security issues.

Facility Asset Management	Small Business
International	Environmental
College Outreach	Young Members
Energy & Sustainability	Credentialing
Joint Engineer Contingency Ops	Engineering & Construction Camps
Resilience	Enlisted
Architecture Practice	STEM

Connecting Professionals SAME's Communities of Interest

APC
THE SOCIETY OF AMERICAN MILITARY ENGINEERS
ARCHITECTURAL PRACTICE COMMITTEE
FOUNDED 1962

APRIL 27, 2016
VOL. 4, ISSUE 2

FOUNDING OF THE APC

As many of you know, the Society of American Military Engineers (SAME) will be celebrating its centennial in 2020. For nearly a century, SAME architects have been collaborating with engineers and other disciplines in AEC industries to identify and resolve national security infrastructure-related challenges.

Among our architectural pioneers, notable architect Alan O. Urban, F.SAME, FAIA, the president of AIA in 1971-1972, had a great impact and influence in the Society. To recognize architect's contribution to the Society and for national security, SAME established a national medal in honor of him in 1998. Appropriately named the Urban Medal, it is awarded annually to one SAME architect for distinguished performance in the field of architecture.

In 2001, I was honored to receive this prestigious Urban Medal for my work to rebuild the U.S. Navy's navy recruit training command at the Great Lakes Naval Station, Illinois, and then U.S. Strategic Command Headquarters in Omaha, Nebraska. I fully realized that with honor comes responsibility. I noticed there had not been a colleague also representing architects at SAME, and started to ponder if I could do something meaningful to bring SAME architects together as a group.

Approaching then Executive Director Dr. Bob Wolff and SAME Headquarters staff, I was able to communicate with all past Urban medalists who were still active at the time and expressed to them the idea of forming an Architectural Practice Committee (APC).

To promote architecture practice within SAME, to my surprise, all of them - Terry Thompson, Gary Lynn, Gary Anderson, Dave Thompson, Barbara Price, Leo A. Deloy, Larry Tripart, Terry Duglandson, Steve Berts, Richard Comer, and Chris Ions, were excited and supportive of this idea.

Formation of Urban Group

In the summer of 2011 at the SAME Executive Forum in Chicago, I met with Gary Lynn for the first time to discuss in detail how we could move forward. I remembered Gary told me "If we should start small but with measurable success in a short time frame, we need to identify a meaningful event to kick it off with a bang." I was excited and encouraged by our conversation, and scheduled our group's first conference call to brainstorm our objectives and discuss what this special event might be. We came up with three objectives - presenting and structural practice within SAME, increasing SAME in architectural community networking and mentoring. We also decided to target the 2011 SAME Great Lakes/Ohio Valley regional conference to launch our first event - a panel discussion of design excellence in DoD facilities.

Coming Out of the Gate with a Bang!

The group decided to have David Thompson, Chris Ions, and me presenting our architectural work and discussing what high-quality design means in DoD facilities and how it could improve DoD facilities.

JI Tang, M.ASCE, LEED AP
Founder and Chair, SAME APC
2010 Urban Medal Recipient

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SAME
Young Member Council

YM CONNECTIONS

THE YOUNG MEMBER NEWSLETTER
APRIL 2016

Message from the Chair

Happy Spring, Young Members! First off, hopefully everyone is aware the Joint Engineer Training Conference & Expo, otherwise known as JETC, is coming up May 24-26 in Phoenix, AZ. If you've never been to JETC, the program includes an amazing combination of professional development, networking, and fellowship, celebrating an incredible year of service by the Poets and the Engineers. It is truly one of the best events in the industry, bringing together thousands of people from all branches of military and public service, as well as our partners in the private sector. We're excited to have a robust YM program throughout the week, including special networking with SAME Fellows and numerous opportunities for networking and fellowship (both to mention is fun!) and I really hope you decide to join us. Packaged price registration closes April 29th, so be sure to register today (www.jetc.org).

The new 2016 SAME Strategic Plan is heavily focused on engaging YMs and challenging us with professional development, mentorship and leadership opportunities to lead our Society beyond 2020. Over the last few months, I have witnessed numerous instances of YMs stepping up for SAME that serve as an encouraging reminder of the exciting path we've taken towards the future.

I was pleased to see two of our extremely active YM leaders, Dan Hynick-Ba and Ben Bartholomew, step up and volunteer to run the YM position on the SAME Board of Directors. It takes a lot of guts and commitment to step up like that and I'm proud to have both of them active on the YMC. Ben was also recently selected as the only YM in the 40th Class of SAME Fellows. His selection caps off years of SAME leadership and involvement and represents a significant milestone in his history of mentorship and service.

Evidence of YMs stepping up are all over SAME. I'm excited to have Chris Owen give a webinar on May 4th about the ground-breaking Young Member Initiative the Houston-Galveston Port recently started. I was also fortunate to serve on one of the JETC topic submission review boards and noticed several YMs were selected to give presentations at JETC as well.

Finally, I am so excited about the work being done by a group of YMs and a few former YMs on the YMC Membership Task Force. For the last month this group of 20 people has been meeting in smaller subgroups to help us develop our understanding of four distinct categories of YMs: a JETC, Officers, Public Sector Civilian, Private Sector in order to improve SAME's abilities to recruit and retain YMs. A lot of folks have dedicated significant time and thought to this initiative and we'll be excited to share the outcomes and recommendations in the near future.

If it's not too obvious, I am extremely optimistic about the direction of SAME and encouraged on a daily basis by the dedication, contributions and excitement of YMs throughout the Society. I hope to see many of you next month in Phoenix and please don't hesitate to let us know if there's anything the YMC can do for you or your Post.

Michael

Young Member Council
Chair: Lt Col. Matthew Abram, P.E., USAF
mabram@usaf.af.mil
Vice Chair: Art Eves, F.SAME, USAFSC
art@usaf.af.mil
General Secretary: Lesley Muthus, P.E.
lesley.muthus@usaf.af.mil
Vice Chair: Programs: Bill Giehl, USAF
bill.giehl@usaf.af.mil
Vice Chair: Communications: Col. Hynick-Ba, P.E.
dan.hynick-ba@usaf.af.mil
Vice Chair: Conferences: Wendy Parks
wendy.parks@usaf.af.mil
Vice Chair: Mentoring & Recognition: BMJ Jack Johnson, P.E., USAFSC
jack.johnson@usaf.af.mil
Assistant Vice Chairs:
Asst. Vice Chair: Programs: Michael Eves, P.E.
mikes@usaf.af.mil
Asst. Vice Chair: Communications: Danielle Boone
danielle.boone@usaf.af.mil
Asst. Vice Chair: Mentoring & Recognition: Lt Col. Michelle Gill, P.E., USAF
michelle.gill@usaf.af.mil

Together We Can Do More

An integral aspect of the *2025 SAME Strategic Plan* is to lead collaboration.
SAME has cultivated Strategic Partnerships with over 20 organizations



SAME: Making an Impact

Support to STEM, Veterans and Our Communities

Last year, SAME's 100+ Posts & members...

- Spent over 16,000 hours supporting **STEM**.
- Contributed over 10,000 hours of **community service**.
- Awarded 800 **scholarships**, totaling \$1.2 million.
- Donated nearly \$495,000 to **K-12 STEM** programs.
- Gave nearly \$128,000 to **Veterans & disabled veterans** programs.
- Spent 5,000 volunteer hours providing support to **veterans**



SAME Camps Program

SAME, in collaboration with the Army, Navy, Air Force, Air Force Academy, and Marine Corps, **hosts week-long STEM camps** for high school students who excel in math, science and technology courses and are interested in pursuing engineering, architecture, or related fields in college.

Over 2,000 alumni and 35% have become engineers.



SAME National Events

SAME hosts several national events each year to bring together the public and private sectors to strengthen relationships and enhance our *nation's engineering base*.



TME—The Military Engineer

TME is the technical magazine of SAME, offering industry news, feature articles, photos and more since 1920.





In 2016, SAME established a foundation to support the professional development of the next generation of military and government civilian, and A/E/C industry professionals.

Learn More About SAME

Eddie Gonzalez, Program Manager, egonzalez@same.org

www.same.org

Foundation: www.same.org/foundation

Camps: www.same.org/STEMCamps

<https://www.same.org/Communities-of-Interest>

TME & Real TiME: www.samenews.org



Follow us @SAME_national

SAME San Antonio Post

- **1,125** members – 4th Largest Post
 - **555** Individual Members / **570** Organizational Members
 - **2** Field Chapters: Concho Valley & Austin
- **152** Student/Faculty Members
 - **3** Student Chapters: UT, UTSA, Tx A&M
- **122** Sustaining/Public Organizations (Government/Private)



Relationships Critical to Our Success

- Academia
 - Multiple School Districts
 - High School: John Jay, Alamo Heights
 - University: St Mary's, UTSA, UT, Tx A&M, Lakeview College
 - STEM Competitions: SABEST, SDA, ARASE, SA GIS, TSA, MATHCOUNTS
- Research & Development: Southwest Research Institute, TSERI
- Government: AFIMSC, AFCEC, USACE, GSA, NAVFAC, SARA, CoSA, TxDOT & AACOG
- Other Professional Organizations: CMAA, TSPE, SDA, IFMA

SAME San Antonio Post

Support to Wounded Warriors, Community, STEM

- **Wounded Warrior** a total local fit
 - San Antonio Rodeo Wounded Warrior Program
 - Operation Float a Soldier
 - Warrior & Family Support Center, Center for the Intrepid
- **Community Service** a priority
 - Texas Ramp Project
 - Basura Bash
- **STEM** is at the heart of our post



SAME San Antonio Post

STEM – Our Heartbeat

(2017-19: 45 Events / 166 Volunteers / \$9,300 Invested)

- **K-12 STEM**
 - John Jay Science & Engineering Academy STEM Fest & Leadership Seminar
 - Alamo Heights Rocket Program
 - Alamo GIS Group GIS Day
 - Texas State Science Fair
 - Multiple Elementary and Junior High Career Science Fairs, Career Days
- **STEM Competitions**
 - SA Boosting Engineering, Science & Technology Robotic Competition
 - Alamo Regional Academy of Science & Engineering Competition
 - Texas Society of Professional Engineers Mathcounts
 - Texas Student Association Tests of Engineering Aptitude, Mathematics, and Science (TEAMS)

SAME San Antonio Post

STEM – Our Heartbeat

- **STEM Camps**
 - **2017-19: 19 Students & 8 Mentors to 5 SAME E&C Camps / \$19,348 Invested**
 - Mentor STEM Camp Students
 - SDA Design Treasures E&C Camp
- **College Outreach**
 - **2017-19: 35 Scholarships / \$121,500 Invested**
 - Mentor Scholarship Recipients
 - **3 Student Chapters: UTSA, UT & Tx A&M**
 - St Mary's University Career Day, Design Project Evaluations
- **SAME STEM Program of the Year** First Awardee



SAME San Antonio Post Info

Website: www.same.org/satx

Leadership: www.same.org/satx/leadership

Events: www.same.org/satx/events

Newsletters: www.same.org/satx/newsletters

Eric Wilbur, President

ewilbur@wilburconsulting.net