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○ May 2017

○ [www.samerobins.org](http://www.samerobins.org)

# THE FLYER

Newsletter of the Robins AFB Post: Society of American Military Engineers



***Preview of the May 2017 SAME Presentation. This presentation will be given by Mr. James Clark of MERC and will be about general life cycle weapon sustainment and system engineering requirements.***



Mercer Engineering Research Center (MERC) is a non-profit applied research engineering unit of Mercer University. MERC was established in 1987 under the Mercer University School of Engineering to provide engineering and scientific services and specialized technical skills to Robins AFB. MERC's core competencies include electronic combat systems engineering, advanced algorithm development, modeling and simulation, information systems technology, structures analysis and technology, mechanical and electronic systems design and reverse engineering, industrial engineering, materials technology, human factors and biomechanics, energy management, and cyber security.

Mr. James Clark will be leading the discussion on the general life cycle weapon system integrity and system engineering requirements that benefit facilities sustainment such as HVAC, Central Plant, and Compressed Air Utilities.

## The 2020 Strategic Plan

The 2020 SAME Strategic Plan is about enabling volunteers, our greatest asset, to achieve local objectives that support our vision. Furthermore, the plan seeks to keep a volunteer's most precious resource—time—at the center of our efforts. Whether serving on the National or a Post Board of Direction, participating in a Committee or Council, or volunteering to support an SAME event, we are a Society of volunteers who willingly give their time to serve our nation and our profession. Volunteers are at the heart of everything we accomplish.

### SAME National Focus Areas

1. Ensure Vibrant and Value Added Programs—Create Value for All
2. Support STEM—Share Your Passion, Grow Your Replacement
3. Focus on Veteran Transitions—Help 6,000 military transition from Service over the next 4 years

Interested in learning more about the goals, vision, and mission of our Society? Please visit:

[http://www.same.org/Portals/0/same.org/inside\\_pages/documents/discover\\_same/StrategicPlan.pdf?ver=2015-12-17-102823-563](http://www.same.org/Portals/0/same.org/inside_pages/documents/discover_same/StrategicPlan.pdf?ver=2015-12-17-102823-563) to review the Strategic Plan 2020!

## Presenter's Bio

James Clark, a Senior Program Manager within the Mechanical and Aerospace Systems Directorate at MERC, has a Bachelor of Science, Mechanical Engineering Degree from Georgia Tech and a Masters Degree, Engineering & Technical Management from Mercer University with almost 30 years product manufacturing, product design, and maintenance experience in both the DOD and Private Sectors.



The next Robins Post General Meeting will be held on **17 May 2017 at 11:30 am**. The meeting will be held **OFF BASE** at the China buffet (605 Russell Parkway, Warner Robins 31088). All are welcome.

### UPCOMING DATES FOR 2017:

**17 May:** 1130 Hours: SAME General Meeting immediately preceded by SAME Robins Post Board/Officer's Meeting. A presentation by MERC will be given on a Systems Integrity Approach.

**21 June:** 1130 Hours: SAME General Meeting immediately preceded by SAME Robins Post Board/Officer's Meeting. HIS will be giving a presentation on Engineering and Safety standards.

**19 July:** 1130 Hours: SAME General Meeting immediately preceded by SAME Robins Post Board/Officer's Meeting. HQ AFRC will be presenting their annual Program Review.

**16 August:** 1130 Hours: SAME General Meeting immediately preceded by SAME Robins Post Board/Officer's Meeting. The 78th Civil Engineer Group will be presenting their annual Program Review.

## SAME Spotlight: Member of the Month



Mr. Justin Knight, P.E., a Senior Environmental Engineer at Geosyntec Consultants, has been supporting environmental contracts at Robins AFB since 2004. Mr. Knight has been involved in all aspects of design, implementation, and project management for several large projects including site assessment, soil and groundwater remediation, vapor intrusion, environmental due diligence, and regulatory compliance for several government sector clients, such as the U.S. Air Force, U.S. Army Corps. of Engineers, U.S. National Guard, and U.S. Navy. Mr. Knight is the current acting Delivery Order Manager for Geosyntec's Indefinite Delivery – Indefinite Quantity (IDIQ) contract with Robins AFB. He has been a member of the Robins AFB SAME Post since 2009.

Mr. Knight currently lives in Acworth, Georgia with his wife Natalie and his 5-year old daughter Claire. He enjoys spending time with his family and friends and cheering on the Georgia Tech Yellow Jackets!

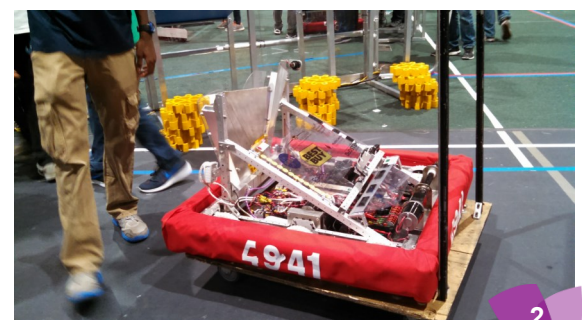
## STEM Corner: Highlights of Events

*Written by Jamie Cook, Chief of the Workforce Development Branch:*

Congratulations to the Bibb County and Houston County FIRST Robotics Competitions (FRC) teams for their excellent performance at the FRC World Championship in Houston. RoboBibb, which meets at Howard High School, won first place in the FRC State Championship in Athens in April. The Flying Legion from the Houston County Career Academy took second place at state, beating out many excellent competitors from Atlanta. Both teams have coaches/mentors from Robins AFB and received grants from DoD STEM which paid their registration fees for both state and world championship events. Each team raised funds to cover travel and lodging costs through the online site, GoFundMe, and both teams were featured on local TV news programs.

Last year, DoD STEM paid registration fees for 23 teams in all four FIRST leagues, include Lego (FLL), Tech Challenge (FTC), and Robotics Competition (FRC).

This story is continued on page 3 of the newsletter.



## SAME MISSION

*"To provide education and support to the engineering components of the military and uniformed services, and other federal, state and local government agencies responsible for the nation's infrastructure, and to advance the partnership between government and the architecture, engineering and construction industry in the interest of national security."*

## SAME VISION

*"To be a premier global engineering organization leading the professional and personal growth of all members in support of military readiness and development of solutions to national security challenges."*

## STEM Corner continued....

Next year, Robins AFB submitted grant requests for 67 teams across Georgia. The grant requires that each team have a mentor from DoD, military or civilian. The increase this year is due mostly to new support from the Marine Logistics Base - Albany. Visit [www.GAFIRST.org](http://www.GAFIRST.org) for more information about their robotics programs.

The Museum of Aviation hosted the Houston County Family STEM Night and Young Astronauts' Day, for elementary and middle school students. Volunteers from the community, including Robins AFB, were essential in the success of these programs. Contact the Education Department



Of the Museum of Aviation to volunteer for future events.

The Middle Georgia STEM Alliance, led by the 21st Century Partnership, has created a Facebook page to provide information about local STEM events, activities, and opportunities for you to get involved. See



@middlegastem and "like" their page.

STEM Outreach is our way of supporting the supply chain for tomorrow's workforce. The next generation of mechanics, technicians, scientists and engineers are in elementary, middle, and high school today. Email Mr. Jamie Cook at: [jamie.cook@us.af.mil](mailto:jamie.cook@us.af.mil) for more information.

## Sustaining Member Spotlight: AECOM



AECOM has nearly 92,000 employees serving clients in more than 150 countries. Our purpose is to create, enhance, and sustain the world's built natural and social environments. AECOM is a leading provider of comprehensive program management, architectural, planning, engineering, environmental, design, and information technology consulting services to the US and other national governments. Locally, AECOM

has held contracts to provide planning, compliance and remediation services at Robins AFB. Currently, AECOM is providing construction management services at Robins AFB in support of the Historic renovation of Building 125. AECOM has construction management contracts throughout the Southeast Region and to fully support the Air Force, Army, and Air Force Reserve Command. See how we deliver what you can imagine—[AECOM.com](http://AECOM.com).



# Post Officers

## President

Col James Hickman

[james.hickman@us.af.mil](mailto:james.hickman@us.af.mil)

(478) 327-1100

## Vice President

Mr. Mike Coats

[mcoats@hcr-construction.com](mailto:mcoats@hcr-construction.com)

(478) 284-6909

## Secretary

Ms. Esther Lee-Altman

[esther.lee-altman@us.af.mil](mailto:esther.lee-altman@us.af.mil)

(478) 327-9271

## Treasurer

Mr. James Griffin

[jgriffin@geosyntec.com](mailto:jgriffin@geosyntec.com)

(478) 328-6181

## Senior Enlisted Advisor

SMSgt Mary Dearman

[Mary.dearman@us.af.mil](mailto:Mary.dearman@us.af.mil)

(478) 327-1096

## Executive Directors

Ms. Anjelica Bernier; **National Liaison**

[anjelica.bernier@raymondllc.com](mailto:anjelica.bernier@raymondllc.com)

(770) 483-9592 Ext. 109

## Directors

Mr. Joe Ballard; **Programs**

[joe.ballard.1@us.af.mil](mailto:joe.ballard.1@us.af.mil)

(478) 327-1034

Mr. Griff Cox; **Education & Mentoring**

[gary.cox.1@us.af.mil](mailto:gary.cox.1@us.af.mil)

(478) 327-9269

Mr. Greg Culpepper; **Emergency Preparedness**

[culpepper@pondco.com](mailto:culpepper@pondco.com)

(404) 748-4850

Mr. James Griffin; **Financials**

[jgriffin@geosyntec.com](mailto:jgriffin@geosyntec.com)

(478) 328-6181

Mr. Mike Coats; **Events/Small Business**

[mcoats@hcr-constructions.com](mailto:mcoats@hcr-constructions.com)

(478) 284-6909

Mr. Ervin Walker; **Memberships (Individual & Sustaining)**

[ervin.walker@aecom.com](mailto:ervin.walker@aecom.com)

(404) 796-5892

# Sustaining Member Firms

## AECOM

Ervin Walker; [ervin.walker@aecom.com](mailto:ervin.walker@aecom.com)

(404) 796-5892 / Fax n/a

## AMEC

Art Warner; [arthur.warner@amec.com](mailto:arthur.warner@amec.com)

(478) 923-5999 x15 / Fax 923-5776

## Anthem Environmental, LLC

Duane Fulton; [dfulton@anthemenv.com](mailto:dfulton@anthemenv.com)

(678) 919-7143 / Cell (404) 210-1447

## Applied Engineering Solutions

Pedro Camejo; [pcamejo@AES-pe.com](mailto:pcamejo@AES-pe.com)

(478) 314-1270 / Fax 314-1271

## Atkins North America

Nate Berger; [nathaniel.berger@atkinsglobal.com](mailto:nathaniel.berger@atkinsglobal.com)

(678) 247-2643 / Fax (770) 226-0967

## Benham Constructors, LLC

Michael Gwyn; [mike.gwyn@benham.com](mailto:mike.gwyn@benham.com)

(704) 542-2902 / Fax n/a

## CAPE, Inc.

John Thomas; [jthomas@cape-inc.com](mailto:jthomas@cape-inc.com)

(210) 360-1212 / Fax 377-2111

## CEMS Engineering

Hugh Gigglesman; [hgigglesman@cemsengineering.com](mailto:hgigglesman@cemsengineering.com)

(843) 875-3637 / Fax 875-4509

## CH2M Hill

Frank Miyagawa; [frank.miyagawa@ch2m.com](mailto:frank.miyagawa@ch2m.com)

(850) 939-8300 x42 / 939-0035

## Clark Nexsen (Macon Office)

Clint Hardie; [chardie@clarknexsen.com](mailto:chardie@clarknexsen.com)

(478) 743-8415 / Fax 743-8239

## Columbia Engineering

Louis Young; [lyoung@columbia-engineering.com](mailto:lyoung@columbia-engineering.com)

(770) 925-0357 / Fax 925-0565

## CTI and Associates, Inc.

Kathy Chaffin; [kchaffin@cticompanies.com](mailto:kchaffin@cticompanies.com)

(251) 545-8427 / Fax (904) 997-8373

## Davis & Floyd Inc.

Jason Eppley; [jeppley@davisfloyd.com](mailto:jeppley@davisfloyd.com)

(864) 229-5211 / Fax 229-7841

## Donaldson, Garrett & Associates, Inc.

Elaine Hollis-Prichard; [esh@dg-a.com](mailto:esh@dg-a.com)

(478) 474-5350 / Fax 477-2534

## Eaton Corporation

Adam Byrd; [adamrbyrd@eaton.com](mailto:adamrbyrd@eaton.com)

(678) 309-4235 / Fax n/a

## EA Engineering, Science, and Technology, Inc.

Giles Ragsdale; [rragsdale@eaest.com](mailto:rragsdale@eaest.com)

(478) 960-5775 / Fax n/a

## F3 Solutions

Parrish Swearingen; [parrish@f3now.com](mailto:parrish@f3now.com)

(478) 335-9460 / Fax 971-1344

# Sustaining Member Firms

## Flint EMC

Jay Flesher; [jflesher@flintemc.com](mailto:jflesher@flintemc.com)  
(478) 919-4177 / Fax n/a

## Geosyntec Consultants

James Griffin; [jgriffin@geosyntec.com](mailto:jgriffin@geosyntec.com)  
(478) 328-6181 / Fax 929-5120

## Geotechnical & Environmental Consultants

Thomas Driver; [tdriver@geconsultants.com](mailto:tdriver@geconsultants.com)  
(478) 757-1606 / Fax 757-1608

## Goodwyn Mills and Caywood, Inc.

Eric Robinson; [eric.robinson@gmcnetwork.com](mailto:eric.robinson@gmcnetwork.com)  
(770) 442-5333 / Fax n/a

## Gulf Coast Architectural Group, Inc.

Don Carlos; [don@gcarchgroup.com](mailto:don@gcarchgroup.com)  
(850) 607-7328 / Fax 332-7255

## Ikhana, Inc.

Bob Pickard; [robert.pickard@ikhanainc.com](mailto:robert.pickard@ikhanainc.com)  
(843) 364-6828 / Fax (202) 449-9840

## Jacobs

Hollie Dupes; [hollie.dupes@jacobs.com](mailto:hollie.dupes@jacobs.com)  
(770) 673-6635 / Fax 673-6681

## Landmark Engineering Group, Inc.

Mike Shamsie; [mike.shamsie@landgroup.biz](mailto:mike.shamsie@landgroup.biz)  
(309) 755-3400 / Fax 755-5522

## Leo A Daly

Edward Piekarczyk; [EPiekarczyk@leoadaly.com](mailto:EPiekarczyk@leoadaly.com)  
(404) 874-8333 / Fax 874-8830

## Lucia Consulting

Shirly Lucia; [luciashirley@comcast.net](mailto:luciashirley@comcast.net)  
(678) 642-0094 / Fax (770) 972-6705

## McLean Engineering Company, Inc.

Sean Knowles; [sean.knowles@mcleanengineering.com](mailto:sean.knowles@mcleanengineering.com)  
(404) 520-0288 / Fax n/a

## Merrick & Company

Douglas Elledge; [douglas.elledge@merrick.com](mailto:douglas.elledge@merrick.com)  
(404) 739-5100 / Fax 739-5101

## MWH

Michael Coughlan; [michael.j.coughlan@us.mwhglobal.com](mailto:michael.j.coughlan@us.mwhglobal.com)  
(202) 292-4775 / Fax n/a

## New South Construction Company

Thomas N. Troutman; [ttroutman@newsouthconstruction.com](mailto:ttroutman@newsouthconstruction.com)  
(404) 443-4000 / Fax 443-4100

## Ocmulgee Site and Environmental Services, Inc.

Wesley Woods; [lwoods@ocmulgeesite.com](mailto:lwoods@ocmulgeesite.com)  
(478) 224-7070 / Fax 224-7072

## Parrish Construction Group

M. Scott Hill; [shill@parrishconstruction.com](mailto:shill@parrishconstruction.com)  
(478) 476-0385 / Fax 987-5536

## Pond & Company

Mike Magahey; [magahey@pondco.com](mailto:magahey@pondco.com)  
(678) 336-7740 / Fax 336-7744

## Porter Scientific Inc.

Freda Porter; [fporter@porterscientific.com](mailto:fporter@porterscientific.com)  
(910) 521-0549 / Fax 521-3599

## Raymond Engineering-Georgia, Inc.

Anjelica Bernier; [anjelica.bernier@raymondllc.com](mailto:anjelica.bernier@raymondllc.com)  
(770) 483-9592 / Fax 483-8082

## Reeves Construction Company

Andy Gray; [agray@reevescc.com](mailto:agray@reevescc.com)  
(478) 743-0593 / Fax 474-9192

## Siemens Industry Inc

Mark Sherry; [mark.sherry@siemens.com](mailto:mark.sherry@siemens.com)  
(770) 935-2000 / Fax 935-2950

## Superior Solar Systems LLC

Jeff Ball; [jeff.ball@superiorsolar.com](mailto:jeff.ball@superiorsolar.com)  
(707) 695-5454 / Fax (866) 699-9852

## TEPA EC, LLC

Steve Hvizdzak; [steve.hvizdzak@tepa.com](mailto:steve.hvizdzak@tepa.com)  
(478) 922-7751 / Fax 922-7925

## TetraTech, Inc.

Scott Covode; [scott.covode@tetrattech.com](mailto:scott.covode@tetrattech.com)  
(678) 775-3108 / Fax 775-3138

## Toland & Mizell Architects

Alan Toland; [atoland@toland-mizell.com](mailto:atoland@toland-mizell.com)  
(404) 343-3500 / Fax 577-6240

## TRC Solutions

LC Campbell; [lcampbell@trcsolutions.com](mailto:lcampbell@trcsolutions.com)  
(478) 955-9980 / Fax 971-1398

## Weston Solutions, Inc.

Kim Sanders; [kimberly.sanders@westonsolutions.com](mailto:kimberly.sanders@westonsolutions.com)  
(770) 325-7911 / Fax n/a

## Wolverton and Associates, Inc

Tim Germaine; [tim.germaine@wolverton-assoc.com](mailto:tim.germaine@wolverton-assoc.com)  
(770) 447-8999 / Fax 447-9070

## SAME Robins Post Sustaining Member News

### Are you with a Sustaining Member Firm?

If you would like to become one, or if you are not sure of your company's registration status, please contact Mr. Ervin Walker, our Membership Director at: [ervin.walker@aecom.com](mailto:ervin.walker@aecom.com).

### Accepting Abstracts

We are accepting abstracts for presentations for 2017. Let us know what presentation topics, presenters, or tour ideas would most interest you. We want to know what is important to you. Please contact Mr. Joe Ballard at: [joe.ballard.1@us.af.mil](mailto:joe.ballard.1@us.af.mil) with feedback or for more information.