

## Upcoming Event Excitement!

We have a lot of exciting events around the corner!

**CEJC Annual  
Engineers' Week  
Banquet - 02/18/20**

**ASHRAE Spring Golf  
Tournament—  
03/27/20**

- 8:45 am shotgun start
- 60 people or 15 teams max.

**Sustainability Event  
TBD**



## Next Chapter Meeting Tuesday, February 11th

Harbor Breeze at Patriots Point, Mt. Pleasant

BOG Meeting 5:00pm-5:30pm

Happy Hour 5:30pm-6:00pm

Chapter Meeting/Dinner 6:00pm-7:00pm

\$30/person

[REGISTER ONLINE](#)

## Join us on Tuesday February 11th, 2020

### Presentation Speaker: Robert Rabb

Robert Rabb is a retired Army officer, currently serving as the Mechanical Engineering Department Chair at The Citadel. He retired in 2013 after 25 years of military service. He deployed early in his career in Desert Shield and Desert Storm where he oversaw construction of 400 mile of roads in Saudi Arabia and southern Iraq. He later deployed to Bosnia and assisted in the planning and execution for 11,000 vehicles to cross the Sava River in 1996. After serving as an instructor at the United States Military Academy to teach Mechanical Design, he served in Iraq in one of the initial entry forces during Operation Iraqi Freedom. He later returned to the United States Military Academy to teach Controls Engineering. Upon completion of this teaching assignment, he was selected to serve in the newly formed ACPAK Hands Program. He participated in Operation Enduring Freedom (OEF) as a staff engineer with the Special Operations Command where he integrated facilities master planning valued at over \$225 million and civil humanitarian construction projects valued at \$43 million. He was later embedded as a Strategic Partner at the Ministry of Energy and Water in Kabul, Afghanistan. In this capacity he advised the Afghan Ministry on military mission priorities and assisted in capacity development within the Ministry. He prepared the National Energy Supply Program for the Ministry of Energy and Water with their planning staff, resulting in \$9 billion of energy projects, tripling the domestic electricity capacity in Afghanistan over the next decade. He provided expert instruction during Capacity Development and Project Management Courses at the Ministry, resulting in standard project management techniques. His experiences as an ACPAK Hand were specifically cited by the Defense Language Institute on several occasions. Upon redeploying, he assumed duties as the Plans Officer of the U.S. Army Corps of Engineers, Transatlantic Division in Winchester, Virginia.

As Department Chair, he is responsible for the ME curriculum, the development of 39 courses and five focus areas in the undergraduate and graduate programs, and integration with other departments. He and the mechanical engineering faculty have overseen nearly \$1.5 million invested in new construction, upgrades, and new laboratory support for the undergraduate mechanical engineering program in less than four years.

Robert Rabb has a bachelor's degree in mechanical engineering from the U.S. Military Academy, a master's degree and doctorate in mechanical engineering from the University of Texas at Austin. His military education includes the Army's Command and General Staff College. He is also a Professional Engineer.

He is a member of the American Society of Mechanical Engineers (ASME), the American Society of Engineering Education (ASEE), the Phi Kappa Phi Honor Society, and the Tau Beta Pi Honor Society. He currently serves on the NCEES committee to develop Fundamentals of Engineering (FE) exam questions for mechanical engineering.



## ASHRAE Research Investors

Thank you for your sponsorship. If you would like to support the chapter, please contact the President.

Corporate Donors

MSS Solutions

Carolina Heat Pipe Incorporated

Honor Roll Donors (150+)

Joe Fisher

David Kauffman

Malcolm D. Knight, PE

Philip Runyon

Steven A. Marek

Randy Jones

## Welcome New Members!

Ronald Wayne Johnson, PE  
Mr Michael Frey

## ASHRAE Technology Awards Program

All members are encouraged to submit entries for a technology award. This will be a good advertisement for your company and will help our chapter compete for regional awards.

Building Energy Quotients (BEQ). BEQ looks at buildings before they are built and after they are constructed. BEQ gives a list of low hanging fruit for saving energy. The potential for saving energy is typically 30% as compared with a few years ago.



## OFFICER OFFERINGS

### President's Piece:

ASHRAE members are invited to the CEJC Annual Engineers' Week Banquet on February 18th. If you are interested in attending, please sign up for this [event](#) on our website and see attached flyer.

Although we are only into the second month of the year, we are starting to search for several volunteer positions for next year. A few open positions include Secretary, CTTC Chair, YEA Chair, Historian Chair, and plenty others! Please reach out to me or other current officers if you are interested in getting more involved in ASHRAE. Thank you again to all of our sponsors and volunteers!

Tim Niles  
President

### Vice President's Voice:

Thank you to Darbis for spending time with us at last week's luncheon speaking about the building inspection process and the importance of code compliant design and installation. This upcoming meeting we have the honor of hearing from Dr. Robert Rabb, Mechanical Engineering Department Head at the Citadel. Dr. Rabb is a retire Army Officer, served in Desert Storm and Desert Shield, and is a distinguished leader in our community. Please take advantage of this excellent opportunity to hear from an influencer of the young men and women, and his techniques in preparing them for entrance into our design, manufacturing and construction industries. We are fortunate to have him in our community.

Our 2019/2020 program season still has availability for speakers in March, April and May and we are open to suggestions on what our Chapter Members would like to learn more about. Please email you suggestions directly to me and we will see who we can line up for the rest of the year.

Thank you!

Bret Allan Turkall, PE  
Vice President

### Chapter Technology Transfer Committee (CTTC):

Anyone with a refrigeration project should enter it into competition for the Milton Garland award, So far I have never seen anyone in our chapter apply for this award.

Submissions must be sent to the Refrigeration Committee Staff Liaison (morts@ashrae.net) by May 1st to be considered for that year's competition. A copy to me, gene3380@gmail com, would be appreciated.

For additional information see [here](#).

Gene Brown  
CTTC Chair

# 2020 Spring Events



## Chapter Officers

**PRESIDENT—Tim Niles**

Phone: 875-3637  
tniles@cems-ae.com

**VICE PRESIDENT—Bret Turkall**

Phone: 875-3637  
bturkall@cems-ae.com

**SECRETARY—Austin Huggins**

Phone: 566-3405  
ahuggins@lim-ric.com

**TREASURER—Randy Jones**

Phone: 881-0051  
rjones@chapmancompany.com

BOG— Jacob Yount, Philip Runyon,  
Pete Conroy

February 11th, 6:00 PM Meeting @ Harbor Breeze—

### HISTORY NIGHT

*“Robert Rabb from The Citadel”*

February 18th, 5:30-8:30 PM Banquet @ The Citadel—Mark Clark Hall, Buyer Auditorium 2nd Floor—

### CEJC BANQUET

*CEJC Annual Engineers' Week Banquet*

March 10th, 2020 6:00 PM Meeting @ Harbor Breeze—

### STUDENT ACTIVITIES NIGHT

*“XXX XXXX”*

March 27th, 2020 8:45 AM Spring Golf Tournament @ Shadowmoss—

April 14th, 2020 6:00 PM Meeting @ Harbor Breeze—

### CTTC NIGHT

*“XXX XXXX”*

May 12th, 2020 6:00 PM Meeting @ Harbor Breeze—

### GGAC NIGHT

*“XXX XXXX”*

June, 2020 **SUMMER SOCIAL AND OFFICER INITIATION**



## What is YEA?

To ensure a bright future for ASHRAE and the industry, the Young Engineers in ASHRAE (YEA) Committee was developed to create programs and develop a path



**REGISTER TODAY!**  
CHARLESTON ENGINEERS  
JOINT COUNCIL  
Tuesday - Feb 18, 2020



**GEN GLENN M. WALTERS, USMC  
20<sup>TH</sup> PRESIDENT, THE CITADEL**

Please join us in celebrating the achievements of our local engineering & technical community. Attendees will enjoy festivities that include a buffet dinner with open bar (beer & wine), the Lee H. Clippard, Jr. Memorial Scholarship award, the Mercedes-Benz Vans STAR Engineer Scholarship presentation, annual recognition ceremony for the Engineer of the Year and Technical Project Team of the Year. Our keynote speaker, Gen. Walters, will share perspectives from his 39 years of service to highlight the success of engineering programs at The Citadel.

# CEJC Engineers Week Banquet

**Location:** The Citadel - Mark Clark Hall  
Buyer Auditorium, 2<sup>nd</sup> Floor  
Avenue of Remembrance  
Charleston, SC

➤ **For sponsorship & exhibitor opportunity details - please contact: Karl Krull - [charlestonejc@gmail.com](mailto:charlestonejc@gmail.com)**

❖ **Raffle and Silent Auction item donations are welcome**

➤ **ACT NOW! CEJC Engineer of the Year and Technical Project Team of the Year nominations accepted until 24 Jan 2020; for more information visit: [www.charlestonejc.org](http://www.charlestonejc.org)**

## ONLINE REGISTRATION NOW OPEN!

- Reserve your seat online at the early bird discount price by 8 Feb
- Check or Cash only at the door if seats remain available {300 seat capacity; no sales once sold out} - check website for updates

### Price:

\$40 for professionals/adults thru 8 Feb  
\$45 for professionals/adults thereafter  
\$25 for full time students  
{actual purchase price may vary for sponsored groups and subsidized CEJC affiliated organization members}

- To Register and get more information please visit: [www.charlestonejc.org/e-week-banquet](http://www.charlestonejc.org/e-week-banquet)



# **ASHRAE GOLF**

**CHARLESTON CHAPTER'S**

**"SPRING RESEARCH**

**PROMOTION"**

**CAPTAIN'S CHOICE GOLF TOURNAMENT**

**FRIDAY, MARCH 27, 2020**

**8:45AM SHOTGUN START  
SHAWDOWNMOSS GOLF COURSE  
20 DUNVEGAN DR  
CHARLESTON, SC 29414**

**\$100.00 includes GOLF, CART, LUNCH TO BE  
SERVERD AFTER GOLF, BEVERAGES, and  
PRIZES (CLOSEST TO PEN, LONG DRIVE,  
ETC)!!!!!!**

**Bring your own team or we can assign you to one.**

**Player:**

**Player:**

**Player:**

**Player:**

**Contact: Philip Runyon (843)729-1883; David Kauffman(843)693-1908;**

**Email this form to: [prunyon@chapmancompany.com](mailto:prunyon@chapmancompany.com) &**

**[david.kauffman@rpecontracting.com](mailto:david.kauffman@rpecontracting.com)**

# SPONSORSHIP LEVEL DESCRIPTION

## **GOLD LEVEL**

- Company name will be prominently displayed at ALL Chapter activities, i.e. Chapter Meetings, Golf Outing (as a hole sponsor), Technical Seminars.
- (2) Spots at all Research Promotion activities including the spring golf tournament
- Special recognition in publications including the *ASHRAE Insights and Monthly acknowledgement in The Charleston "Gee Chee" Chapter Newsletter.*
- Hole Sponsor in the Chapter Research Promotion Golf Tournaments
- Honor Roll Research Donor recognition in Chapter Newsletter (\$ 800 Contribution)
- Sponsor of Engineering Week Activities

## **SILVER LEVEL**

- Hole Sponsor for the Chapter Research Promotion Golf Tournament
- Honor Roll Research Donor recognition in Chapter Newsletter (\$ 500 Contribution)
- Special recognition in publications including the *ASHRAE Insights and Monthly acknowledgement in The Charleston "Gee Chee" Chapter Newsletter.*
- Sponsor of Engineering Week Activities

## **BRONZE LEVEL**

- Hole Sponsor in the Chapter Research Promotion Golf Tournament
- Honor Roll Research Donor recognition in Chapter Newsletter (\$ 300 Contribution)
- Special recognition in publications including the *ASHRAE Insights and Monthly acknowledgement in The Charleston "Gee Chee" Chapter Newsletter.*

## **HONOR ROLL LEVEL**

- Honor Roll Research Donor recognition in Chapter Newsletter (\$ 250 Contribution)
- Special recognition in publications including the *ASHRAE Insights and Monthly acknowledgement in The Charleston "Gee Chee" Chapter Newsletter.*
  
- Chapter Meeting sponsors are also available recognition on front page of Chapter Newsletter and recognition at the meeting (ADD \$200)

ASHRAE CHAPTER SPONSORSHIP  
REGION IV

CHARLESTON  
CHAPTER 2019-2020  
*FISCAL YEAR*

NAME \_\_\_\_\_

COMPANY/ORGANIZATION \_\_\_\_\_

MAILING ADDRESS \_\_\_\_\_

\_\_\_\_\_

TELEPHONE: \_\_\_\_\_ FAX: \_\_\_\_\_

EMAIL: \_\_\_\_\_

SPONSORSHIP LEVELS:      GOLD                      \$1,000 \_\_\_\_\_  
(PLEASE CHECK ONE)

SILVER                      \$ 500 \_\_\_\_\_

BRONZE                      \$ 300 \_\_\_\_\_

HONOR                      \$ 250 \_\_\_\_\_

CHAPTER MEETING SPONSOR      ADD \$200

PLEASE EMAIL COMPLETED FORM TO:  
PHILIP RUNYON:  
PRUNYON@CHAPMANCOMPANY.COM