



# Central Oklahoma Chapter

ISSUE 5 - December  
2015-2016 EDITION

[www.ashrae.org](http://www.ashrae.org)  
[www.ashraecok.org](http://www.ashraecok.org)



## Sou'Wester

Monthly Newsletter of the Central Oklahoma Chapter

### Table of Contents

President's Message:	2
Chapter Technology Transfer: <i>November's Program</i>	3
Social Media: <i>#Follow Us!</i>	4
Student Activities: <i>Preparing for Winter Conference</i>	5
Membership Promotion: <i>Update on COK's Membership</i>	5
Honors & Awards: <i>Recognized Service</i>	6
History Message: <i>Dusty Comments</i>	7-8
Community Service / Sustainability Center	9-10
Government Affairs / BOG Meeting Minutes	11
Upcoming Events	12
COK Contact Information	13

### UPCOMING EVENTS

- January Chapter Meeting  
January 6th 11:30am Meeting  
3rd Floor Retail Space of 50 Penn Place  
Society of Fire Protection Engineers
- February Chapter Meeting  
February 3th 11:30am Meeting  
3rd Floor Retail Space of 50 Penn Place  
Ventilation Rate Reduction
- March Chapter Meeting  
March 2nd 11:30am Meeting  
3rd Floor Retail Space of 50 Penn Place  
"Win-Win Negotiating Skills"
- April Chapter Meeting  
April 6th 11:30am Meeting  
N Washington St & W Hall of Fame Ave  
OSU Central Plant Tour



## Happy New Year ...

### President's Message

By: John Semtner

Wow 2015 went buy fast and I'm really excited about 2016. New Years is always a good time of year to give pause to what we have done and what we plan to do. Did you take Dan Inhaupt's talk on comfort from the beginning of the year to heart? Have you followed up on the new code changes the OUBCC told to us about? Did you give your Research Promotion donation last year? How are you getting involved in ASHRAE? Last year capped off with one of the most impactful ASHRAE sustainability events I have been involved in. We helped an elderly widow living in a 100 year old house that was rotting away around her. Painting over the years of her husband's cigar smoke and helping facilitate some generous donations from Trade Mechanical, we really made this last cold month bearable.

In 2016 we plan to make a chapter trip to Stillwater to see their central plant one more time before it is relocated. We are a little over a year away from the 2017 CRC in Oklahoma City and planning is getting serious. Chris Dolan is planning our first ever Skeet Shooting event to benefit RP and it is right around the corner. T his year's lunch programs will start off with our friends from the SFPE talking about smoke evacuation and follow with talks on negotiations and acoustics. Hope you are looking forward to continuing to be engaged in ASHRAE.

John

*ASHRAE Central Oklahoma Chapter President*



**John Semtner**  
**2015-2016 President**

## 2016 ASHRAE Winter Conference

Jan. 23-27 | Orlando Hilton | Orlando, Fla.

*New Technical Program Tracks, Networking,  
World's Largest HVAC&R Marketplace*

Special first time attendee registration fee available! Low, early-bird registration rates end Nov. 2. Register early! Registration to the ASHRAE Winter Conference includes free access to the AHR Expo!



### 2016 AHR Expo

Jan. 25-27 | Orange Co.  
Conv. Center | Orlando, Fla.



Venues are strategically  
located next to each  
other for easy access.





## Chapter Technology Transfer (CTT)

### *January's Program: Brandon Wilkerson, Poole Fire Protection*

By: Michael Wilson

Thanks to Paul Weigl with OG&E for speaking to us on our annual Spouse's Night about OG&E and their energy programs. It was a great event and I heard great feedback from our members and their spouses. Our upcoming speaker is Brandon Wilkerson with Poole Fire Protection. He will be speaking on behalf of SFPE and discussing their mission on creating a minimum fire protection standard in Oklahoma: A little bit about Brandon:

Brandon Wilkerson is a licensed fire protection engineer at Poole Fire Protection and is the current Minimum Standards Chair and Treasurer for the Oklahoma Chapter of the Society of Fire Protection Engineers. Brandon is a graduate of the Fire Protection and Safety Engineering Technology degree program at Oklahoma State University. He is involved in planning, managing, design, and construction administration services for fire sprinkler, pump, foam, fire alarm, fire resistance rated construction, means of egress, smoke control, and various other fire protection and life safety systems in a variety of industries with emphasis in the United States Department of Defense.

Looking ahead, February will be over Indoor Air Quality and Ebtron will be speaking on technologies that can be used for outdoor air designs.



If you are interested in submitting an application for an ASHRAE Technology Award, please get with me as soon as you can and you can learn more at <https://www.ashrae.org/membership--conferences/honors--awards/technology-awards-program>.

If you have any ideas for events, want to get involved, or if you want to sponsor an event please contact me. Michael Wilson can be reached at 405-416-8373 or [michael.wilson@guernsey.us](mailto:michael.wilson@guernsey.us).

## Central Oklahoma ASHRAE Rosters

Did you know we have an online roster with listings of members and companies on the website? Please let John Semtner know if any information needs to be updated.

Members Directory: <http://ashraecok.org/directory.php>

Company Roster: [http://ashraecok.org/content.php?page=Company\\_Roster](http://ashraecok.org/content.php?page=Company_Roster)



2014 rosters may be downloaded using the link below, or contact John Semtner for a hard copy.

[http://ashraecok.org/images/downloads/Miscellaneous/2014\\_ashrae\\_roster\\_final.pdf](http://ashraecok.org/images/downloads/Miscellaneous/2014_ashrae_roster_final.pdf)



## #tb

By: Madison Schultz



The new year is a time for new beginnings. What better way to decide where you are going than to see where you have been? We'll be throwing back (#tb) to ASHRAE of old by sharing past pictures. Share pictures of your favorite past projects or ASHRAE events and use #ASHRAEcok and #tb. We can't wait to see what you'll share!



Hashtag of the month: #tb

facebook

[www.facebook.com/ASHRAEcok](http://www.facebook.com/ASHRAEcok)[www.instagram.com/ASHRAEcok](http://www.instagram.com/ASHRAEcok)[www.linkedin.com/companies/ashraecok](http://www.linkedin.com/companies/ashraecok)[www.twitter.com/ASHRAEcok](http://www.twitter.com/ASHRAEcok)

Reddit username: ASHRAEcok

Madison Schultz can be contacted at 405-416-8205 or [madison.schultz@guernsey.us](mailto:madison.schultz@guernsey.us).

Did you know that ASHRAE offers several certifications to set yourself apart from your peers in the industry? See below for some information and the list of the certifications they offer:

- Are developed by industry practitioners who understand the knowledge and experience that are expected for superior building design and system operation
- Assure employers and clients of subject mastery
- Serve as a springboard for continued professional development
- Offer an easy-to-apply process



To read more about the values of certifications and testing requirements visit <https://www.ashrae.org/education--certification/certification/value-of-certification>. If you have any ideas for events, want to get involved, or if you want to sponsor an event please contact me. Michael Wilson can be reached at 405-416-8373 or [michael.wilson@guernsey.us](mailto:michael.wilson@guernsey.us).



## Student Activities

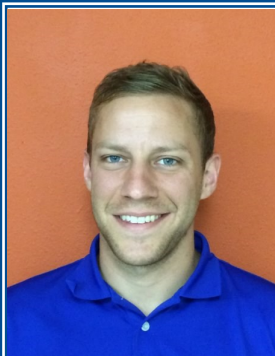
### *Preparing for the Winter Conference*

By: Madison Schultz

This month we focused on helping students prepare for the ASHRAE Winter Conference in Orlando, FL. The conference will be held at the Orlando Hilton on January 23-27 in conjunction with the AHR Expo at the Orange County Convention Center on January 25-27. There is a special student program of which seven ASHRAEcok student members are taking advantage.

ASHRAEcok and ASHRAE Region VIII will help reimburse some of the expenses associated with the conference. However, the majority of the financial burden will fall on the students themselves. If you or your company would like to sponsor or partially sponsor a student to attend the conference, please let us know. We look forward to making the trip a success and attracting more students to specialize in HVAC+R and join ASHRAE.

We are always looking for more ASHRAEers to join SA as regular committee members or one-time volunteers. If you want to get involved with SA or sponsor an upcoming event, please contact me at 405-416-8205 or [madison.schultz@guernsey.us](mailto:madison.schultz@guernsey.us).



## Membership Promotion

### *Update on COK's Membership*

By: Daniel Brazeale

Halfway through the ASHRAE year and only two new members a month from reaching our goals. We had a great turnout of guests at our last meeting. Thanks you to all those who took the initiative to reach out. Our January 6th meeting will be our "New Member" night so we need to encourage all our new members to come join us!

We also had two past ASHRAE COK members re-join our ranks:

- Chris Favre
- Michael Potts

Please join me in welcoming these two individuals back! If you happen to run across any of the new members at the next meeting, please reach out to them and make them feel welcome. Let's make sure we're keeping our roster updated. Please let me know if someone you know has moved out of our chapter, left the industry, or has passed away. Additionally, if you need help registering for membership, renewing your membership or simply want to chat feel free to email or call.

Daniel Brazeale can be reached at 405-464-3677 or [dbrazeale@eei-ok.com](mailto:dbrazeale@eei-ok.com)



## Honor & Awards

### *Recognized Service*

By: Tino Mendez

It seems appropriate to highlight some of the Society Awards and how they relate to our Chapter and our Region.

#### **F. PAUL ANDERSON AWARD**

Established in 1930 to honor the accomplishments of the late F. Paul Anderson, Past President of the Society, this award is presented annually for notable scientific achievement or outstanding services performed in the field of heating, ventilating, or air conditioning. The award consists of a plaque with a medallion. Those in our Region receiving this award are:

1991	Bill Goodman	Arkansas Chapter
1998	Bill Collins	Central Oklahoma Chapter
2015	Damon Gowan	Houston Chapter

Tino Mendez can be reached at 405-590-4479 or [tinomendez@cox.net](mailto:tinomendez@cox.net)

## 2017 CRC Committees

**We are still looking for CRC committee volunteers.  
Please contact Joe Sanders for more information.**

<b>CRC Secretary</b>	<b>Registration</b>	<b>Off Site Events/Marketing</b>
<b>Companions' Activities</b>	<b>Sponsorships</b>	<b>Hotel Coordinator</b>
<b>IT/AV</b>	<b>Tech Sessions</b>	<b>Marketing</b>
<b>Golf Outing</b>	<b>Transportation</b>	<b>VIP Host</b>





## Historian Message

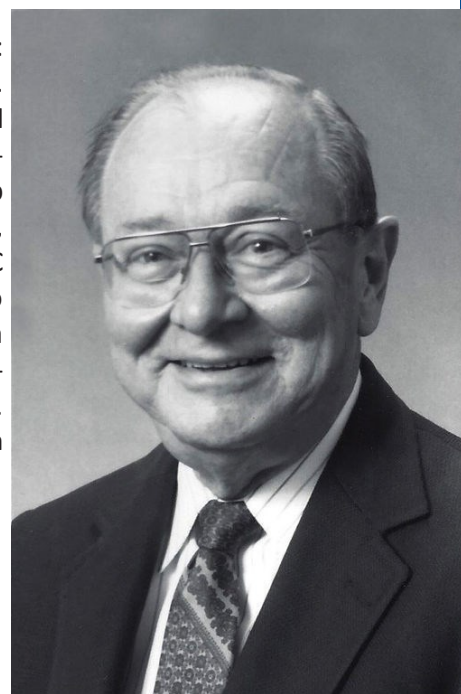
*Dr. Jerald Parker*

By: Dusty Stoabs

ASHRAE Member Dr. Jerald D. Parker passed away on December 6, 2015 at the age of 85. Dr. Parker was a beloved and respected professor, mentor, author, husband, father, grandfather, Army veteran, and friend to many ASHRAE members. Jerald was an Oklahoma native; born in Ardmore in 1930 and graduating from Ponca City High School in 1948. After graduation, he served his country in the Army until his honorable discharge in 1952 and then enrolled at Oklahoma State University upon his return. He earned both a Bachelor and Master of Science in Mechanical Engineering at OSU. Due to his high level of success in his engineering studies, he was awarded a Graduate Research Fellowship which he used to earn a PhD from Purdue University. Dr. Parker returned to OSU and taught mechanical engineering courses from 1960 to 1988. He became a registered Professional Engineer (PE) in Oklahoma in 1961 and a Member of ASHRAE in 1975. He served as President of Sigma Tau (later absorbed by Tau Beta Pi), the Engineering Honorary Fraternity at OSU. In 1988, after a very successful career at OSU, he moved to Oklahoma Christian University and was instrumental in starting a new engineering program. The engineering program became ABET Accredited in 1991. In recognition of teaching excellence, OC recognized Dr. Parker with the Gaylord Chair of Distinguished Teaching honor in 1995. Dr. Parker became Professor Emeritus at OC in 1996. The "Jerald Parker Scholarship for Engineering" endowment was established in 1995 to assist outstanding engineering students following their freshman year.

Dr. Parker was active at both the local and national level in ASME and ASHRAE and earned the grade of ASME Fellow in 1983. In ASHRAE, he served at the Society level as chairman of the Technical Committee on Fluid Mechanics and Heat Transfer, chairman of a standards project committee, and a member of the Continuing Education Committee. He joined the ASHRAE Life Members Club in 2005.

Dr. Parker co-authored two textbooks related to Mechanical Engineering: "Introduction to Fluid Mechanics and Heat Transfer" – 1969 (J.D. Parker, J.H. Boggs, E.F. Blick), and "Heating, Ventilating, and Air-Conditioning Analysis and Design" – 1977 (F.C. McQuiston, J.D. Parker). Also, through ASHRAE, he co-authored the "Design/Data Manual for Closed-Loop Ground-Coupled Heat Pump Systems" – 1985 (J.E. Bose, J.D. Parker, F.C. McQuiston). Over his long career, many thousand students sat directly under his tutelage, but it was that HVAC Analysis and Design textbook that introduced the name "Jerald D. Parker" to thousands more across the globe. I personally never had Dr. Parker as a professor, but in 1994, I studied the 4th edition of that text at OSU in my senior-level class: MAE 4703 "Design of Indoor Environmental Systems" taught by Dr. J. D. Spitler, who by-the-way, went on to contribute to the 5th edition published in the year 2000.



(Cont'd)

(Cont'd)

Dr. McQuiston began working with Dr. Parker at OSU in the 1960's. Dr. McQuiston reflects on this time: "I recognized [Dr. Parker] as very competent in heat transfer and fluid mechanics although he was not into HVAC subjects. He was also a good writer. Therefore, I asked him to become a secondary author for the book. He initially helped with the more basic subjects and later developed a greater interest in the HVAC field. Well, the book became an instant success with the first edition copywrited in 1977. Over the years the book has been in almost constant revision to keep up with the rapidly changing field. The latest 6th edition came out in 2005 [McQuiston, Parker, Spitler]. The book is in widespread use throughout the US and many foreign countries. It has been translated into Korean, Chinese, Spanish and Greek languages." To date, the book has sold over 100,000 copies. In the 1980's, Dr. McQuiston and Dr. Parker traveled throughout the South and Southwest presenting workshops and seminars to engineers in the HVAC industry.

One humorous comment shared at the memorial service concerned the founding of the engineering school at Oklahoma Christian. Dr. Parker was a member of the Church of Christ, the church group affiliated with Oklahoma Christian. When he was asked if the liberal arts university should establish a department of engineering, he responded "No!" He must have known both the expense and difficulty of such an endeavor. But after the decision to establish the engineering department was made, he was one of the first to volunteer to make it successful.

Dr. Parker poured his knowledge into the lives of his students and made a substantial contribution to the ASHRAE community at large. You can view a copy of Dr. Parker's obituary and a cover image of all three books on the History page of our website at <http://ashraecok.org/content.php?page=History>

Dusty Stoabs

*ASHRAE Central Oklahoma Chapter Historian*

## ASHRAE's HVAC Design Training

HVAC Design: Level 1—Essentials

HVAC Design: Level II—Applications

When: Feb. 25–26, 2016 | Houston, TX

REGISTER





## Sustainability / Community Service

### *Continue Building Success*

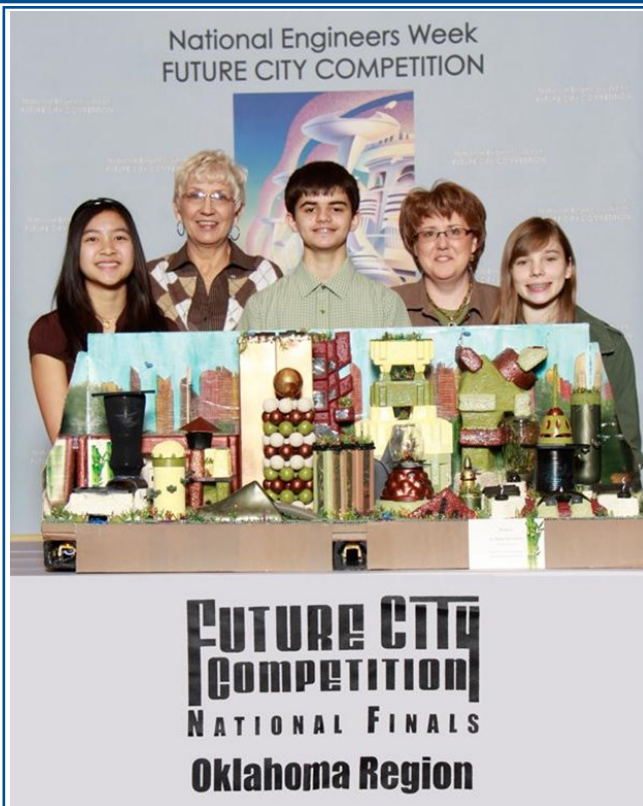
By: Brian Sauer



The Central Oklahoma ASHRAE Chapter completed our second Rebuilding Together project of the year on December 12. Chapter members did a great job of cleaning, repairing, and painting the interior of local resident's home. Trade Mechanical and Shawver & Son Electrical teamed up to replace failing wall heaters with a new central heating system. Thanks to everyone who helped make this project a huge success!

The Central Oklahoma ASHRAE Chapter will be completing another community service project in the Spring of 2016. If you would like to recommend a worthwhile project, please email Brian Sauer at [bsauer@fsb-ae.com](mailto:bsauer@fsb-ae.com).





## Oklahoma Future City

As you know ASHRAE is a proud supporter of the Oklahoma Future City competition. In past years our members have served as mentors, judges, and coordinators for the state competition.

Several schools are in need of mentors. If you are interested in volunteering to mentor a team, please let me know ASAP. Mentors usually just meet with their team 3-4 times during the fall school semester. The teams can usually work to make it fit into the mentor's schedule.

Also, Future City has modified its scope slightly to incorporate the Project Management Process. This means that professional project managers would be great mentors as well (whether they are engineers or not).

The theme of this year's Future City Competition is solid waste/trash. If you would like to learn more about the Oklahoma Future City competition, please visit <http://futurecity.org/showcase/presenting-city-17>

Please contact Aruna at [aruna.abhayagoonawardhana.2@us.af.mil](mailto:aruna.abhayagoonawardhana.2@us.af.mil) if you would like to volunteer.

Thank you for your help.





## ASHRAE Government Affairs Update 12/2015

### US Federal Legislative & Regulatory Activities

- Omnibus Funding and Tax Bill to Be Signed Into Law
- NIST Seeking Nominations for Appointments to Eight Federal Advisory Committees, Including Smart Grid Advisory Committee

### GGAC Regional and Chapter Activities

- State of Colorado Issues Notice of Proposed Rule for On-Site Construction and Safety Codes for Motels, Hotels and Multifamily Dwellings Where No Such Standards Exist
- State of Iowa Issues Update for Administrative Rules on Indoor Air Quality
- State of New York Reissues Temporary Rules on Legionella
- State of Oregon Issues Proposed Rule on Methods of Testing for Rating Seasonal Efficiency of Unitary Air Conditioners and Heat Pumps
- City of Austin Building and Fire Code Board of Appeals to Review Proposed Energy Code
- City of New York Proposes New Regulations on Cooling Towers
- BCAP Publishes Comparison of Comprehensive Energy Plans
- Mayors Lead the Way on Climate Change Issue

Please visit <http://ashraecok.org/blog.php> for more details




## BOG Meeting Minutes

Please select the links below to access the the most recent COK Chapter Board of Governors Meeting Minutes.

- [October BOG Minutes](#)
- [September BOG Minutes](#)
- [August BOG Minutes](#)



## Upcoming Meetings and Events

Date	Event	Location	Topic	Presenter
1/06/16	January Meeting	50 Penn Place, 3rd Floor 11:30am Lunch	Society of Fire Protection Engineers	
2/03/16	February Meeting	50 Penn Place, 3rd Floor 11:30am Lunch	Ventilation Rate Reduction	
3/02/16	March Meeting	50 Penn Place, 3rd Floor 11:30am Lunch	Win-Win Negotiating Skills	Barry Benator
4/06/16	April Meeting	N Washington St & W Hall of Fame Ave Stillwater, OK 74075 11:30am - 1:00pm	OSU Central Plant Tour	
5/4/16	May Meeting	50 Penn Place, 3rd Floor 11:30am Lunch	TBD	



# 2015-2016 COK CONTACT INFORMATION

	Contact	Company	Phone	Email
<b><u>OFFICERS:</u></b>				
President	John Semtner	ADG	(405)232.5700	<a href="mailto:jsemtner@adgokc.com">jsemtner@adgokc.com</a>
President Elect	Trapper Wilson	Engineered Equipment Inc.	(405)525.7722	<a href="mailto:twilson@eei-ok.com">twilson@eei-ok.com</a>
Secretary	Damon McClure	Harrison-Orr Air Conditioning	(405)520.2492	<a href="mailto:damonm@harrisonorr.com">damonm@harrisonorr.com</a>
Treasurer	Stephanie Thomas	TME, LLC	(405)463.6570	<a href="mailto:stthomas@tme corp.com">stthomas@tme corp.com</a>
<b><u>BOARD OF GOVERNORS:</u></b>				
Board of Governors	Joe Sanders	RB Akins	(405)947.6502	<a href="mailto:jsanders@rbakins.com">jsanders@rbakins.com</a>
Board of Governors	Jeff Forman	Mechanical Sales Midwest	(405)368.8883	<a href="mailto:jforman@mechsales.com">jforman@mechsales.com</a>
Board of Governors	Brian Sauer, P.E.	F+S+B	(405)840.2931	<a href="mailto:bsauer@fsb-ae.com">bsauer@fsb-ae.com</a>
Board of Governors	Rick Marsh	Trade Mechanical	(405)521.1497	<a href="mailto:rmarsh@trademech.com">rmarsh@trademech.com</a>
Board of Governors	Dusty Stoabs, P.E.	Streets, LLC	(405)388.2271	<a href="mailto:dstoabs@streetsinc.com">dstoabs@streetsinc.com</a>
<b><u>COMMITTEE CHAIRS:</u></b>				
Historian	Dusty Stoabs	Streets Mechanical	(405)388.2271	<a href="mailto:dstoabs@streetsinc.com">dstoabs@streetsinc.com</a>
Research Promotion	Chris Dolan	Engineered Equipment Inc.	(405)525.7722	<a href="mailto:cdolan@eei-ok.com">cdolan@eei-ok.com</a>
Refrigeration	Jason Keyes	Automated Building Systems	(405)948.1794	<a href="mailto:jason.keyes@abscompanies.com">jason.keyes@abscompanies.com</a>
Technology Transfer	Michael Wilson	Guernsey	(405)416.8373	<a href="mailto:michael.wilson@guernsey.us">michael.wilson@guernsey.us</a>
Governmental Activities	Byron Hughes	RB Akins Company	(405)947.6502	<a href="mailto:bhughes@rbakins.com">bhughes@rbakins.com</a>
Student Activities	Madison Schultz	Guernsey	(405)416.8205	<a href="mailto:madison.schultz@guernsey.com">madison.schultz@guernsey.com</a>
YEA	Andy Donehue	Trane	(405)717.7667	<a href="mailto:andy.donehue@trane.com">andy.donehue@trane.com</a>
Membership Promotion	Daniel Brazeale	Engineered Equipment Inc.	(405)525.7722	<a href="mailto:dbrazeale@eei-ok.com">dbrazeale@eei-ok.com</a>
Webmaster & Electronic Comm.	David Royal		(405)839.0762	<a href="mailto:dmroyal@mail.ashrae.org">dmroyal@mail.ashrae.org</a>
Honors & Awards	Tino Mendez	Retired	(405)843.3579	<a href="mailto:tinomendez@cox.net">tinomendez@cox.net</a>
Newsletter	Jeff Forman	Mechanical Sales Midwest	(405)368.8883	<a href="mailto:jforman@mechsales.com">jforman@mechsales.com</a>
Social Media Chair	Madison Schultz	Guernsey	(405)416.8205	<a href="mailto:madison.schultz@guernsey.com">madison.schultz@guernsey.com</a>
Scholarship Chair	Caleb Spradlin	TME, LLC	(405)463.6570	<a href="mailto:cspradlin@tme corp.com">cspradlin@tme corp.com</a>