It is my honor to serve as the IEEE Region 3 Director for the second year of my term in 2017. I would like to report to you the accomplishments of our region, and let you know about our future goals.

**First half of 2017:** Some of the accomplishments for the first half of 2017 are:

- Region 3 is still the best performing region in the US. Unfortunately, our membership numbers are dropping.
- The sections worked hard and submitted Senior Member applications to recognize our member accomplishments in 2016. We need to continue to work towards recognizing our members who have worked admirably in the field at least 10 years. One section is planning three Senior member roundups in three consecutive weeks, all in a different geographic area of the section (to make it easy for a member to leave work and drive a short distance to meet with other members to work on their applications).
- The IEEE MOVE Disaster Relief and Outreach Project continues to be a resounding success. The MOVE Vehicle has responded to a flood and a science festival. Several people have trained on its systems this year. AND, it will be visiting the Boy Scout Jamboree, and will be discussed quite a bit at the upcoming Sections Congress.

**Second half of 2017:** As we look at the second half 2017, please work hard to reach out and engage our members:

- **Region/Section Goals:** Please refer to the 2017 Region 3 and Section Goals, below. Please use these to plan your section activities. Remember, we best serve our members by engaging them in IEEE technical and professional development activities.
- **Section Elections:** Again I would like section officers to work hard ensuring that sections have an officer development program (to encourage volunteers to serve as officers), and then to create and follow a proper election process. Please ensure you have already announced a call for section/society chapter officers.
- **SoutheastCon 2021 and beyond:** We will soon be looking for a section/Area host or site for SoutheastCon 2021 and beyond. If you are interested, please work with Sean Haynes (s.a.haynes@ieee.org) to develop a proposal.
- **Sections Congress:** Sections Congress 2017 will be held

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- Rising Star Conference 2017
- Expense Reimbursement
- Report of IEEE Educational Activities
- Board Meeting at New Brunswick, New Jersey
- MGA’s “IEEE Into Focus” Photo Contest
- I Believe in IEEE
- Ken Pigg—Candidate for IEEE Region 3 Director Elect 2018—2019
- IEEE MOVE truck deploys to Missouri floods
- IEEE SoutheastCon 2018
- IEEE SoutheastCon 2018 Call for Papers
- Region 3 Awards and Recognitions
- IEEE Region 3 Executive Committee—2017
- IEEE Mississippi Section—7th Annual Professional Development Day
in Sydney, Australia from Friday, August 11, 1:00 pm to Sunday, August 13, 5:00 pm. One representative (“Primary Delegate”) from each section will be fully funded by IEEE’s Member and Geographic Activities group. IEEE MGA covers registration, flight, hotel for four nights, meals, and ground transportation. Region 3 will hold a meeting on Friday between 1:30 and 4:00 pm. We will try to get a polo shirt for every Region 3 attendee, to be handed out at our Friday afternoon meeting (must be present to get one!).

- **Region Officers for 2018:** We will now start to take nominations for Region 3 officers for 2018. If you have an interest, please talk with myself, David Green, or Mary Ellen Randall.

**Director Activities:** Finally, I have spent much time working as your director (over 400 hours in 2017 . . . so far!), including:

- Attending the Board of Directors meeting series to formulate strategic direction of the IEEE. I will attend other board meetings in September, October, and November.
- Participating in meetings of the Charlotte Section, the IEEE MGA Operations Committee, the IEEE Foundation Board, and the Region 3 membership Committee.
- Working with the MOVE project to help it become the centerpiece of volunteer involvement in Region 3.

**Engage – Invest – Grow - IEEE Region 3 Goals for 2017**

**Section Goals to Engage Members:**

- Hold at least 1 Young Professional event in each section.
- Hold 1 Senior Roundup in each section to exceed yearly goal of new senior members in Region 3.
- Have every section contact every new member (call, email, or networking event) to welcome.
- Each section utilizes or customizes at least 1 Cookbook recipe.
- Increase the percentage of student branches submitting annual reports and new officer updates (50% of Region 3 student branches).
- Publish their 2017 section goals online by February

**Region Goals:**

- Maintain the Section and Region membership levels by engaging members.
- Expand the use of Collabratec™ in the region.
- Expand section/student branch interaction.
- Expand outreach to underserved communities.
- Expand interaction with technical societies and society chapters.

**Region 3 Activities to Engage Members:**

- Demonstrate the Collabratec™ tool at SoutheastCon with Use Cases. Measure: Session held. **Result: Completed.**
- Use the Collabratec™ tool for some Region ExCom business. Measure: ExCom is using Collabratec™ for at least one activity. **Result: Completed.**
- Package 1 Young Professional Program for use by Sections. Measure: Assign a volunteer, publish a cookbook process. **Result: Ongoing.**
- Hold a WIE/YP activity at SoutheastCon. Measure: activity held. **Result: Completed.**
- Recognize MOVE participants. **Result: Completed** (pins awarded at SoutheastCon banquet).
- Operationalize VIP. Measure: tools implemented by region by December 31, 2017. **Result: Ongoing.**
- Hold two joint section/student leadership training sessions by December 31, 2017. **Result: Ongoing.**
- Line up a SoutheastCon 2020 site by April 2, 2017. **Result: Ongoing investigation, likely identified by July 31, 2017.**
- Define social media strategy. Approved by Excom by December 31, 2017. **Result: Ongoing.**
- Establish innovative ways to recognize Section successes. **Result: Ongoing.**

This IEEE Region 3 Newsletter is sent to the members of Region 3. The information herein may be used in section and chapter newsletters. The opinions expressed, as well as the technical accuracy of authors, advertisers, or speakers published in this newsletter are those of the individual authors, advertisers, and speakers. Therefore, no endorsement by the IEEE, its officers, or its members is made or implied.

**Editor – William LaBelle**

**E-MAIL:** w.labelle@ieee.org

**Copyright 2017**
As a conference committee member, RS 2017 was an incredible learning experience that helped me navigate the fine line of professional networking and asking colleagues and friends for professional favors.

As a student attendee and student representative from R3, RS 2017 was a whirlwind of activities, industry tours and people I wanted to learn from.

When my alarm went off at 7:00am on January 3rd, I wasn’t sure what my day was going to look like. This had been the first time I’d attended this annual conference, and I could feel the buzz of excitement from the casino floor below me. I had picked up my badge the night before, so I jumped straight into the first Arduino workshop I spotted on the schedule. I was ecstatic to run into a bubbly Intel Engineer who was ready to walk us through a session about Adafruit wearable technology and the art of connecting those devices to “sense” the world around us.

The rest of the day was small-group discussions on a wide-range of topics, from the Ethics of Autonomous-driving Technology to Machine Learning Policy Implementations to the [Manipulative] Power of Social Networking. As a volunteer and curious attendee, I hopped around to get a taste of each group discussion. By the end of the hour long sessions, I realized that this was why IEEE is such a vibrant community. Every conversation with these cross-disciplined humans in various types of technologies from all kinds of cultures and backgrounds made a rich experience.

The general absence of social barriers between the professional and student body was especially inspiring. There were no ice-breakers and there were no open bars nor equal incentive in order to bring together these people; simply vibrant and relevant discussion topics that we all must care about if we truly want to see the advancement of technology for the betterment of humanity.

The next day was packed with a dizzying amount of activities.

From technical discussions and workshops to a variety of lecture tracks for both the student and the professional, there was no idle time available. In the main lobby area, recruiting tables were manned by The HyperLoop One, Intel and a few other California-based technology giants.

Later that day, a tour was open to RS conference volunteers and select attendees to tour the Hyperloop One testing site about 30 minutes outside the city limits.

Upon returning from the HyperLoop One tour, I felt inspired by the accomplishments of this Los Angeles-based startup. I was reminded how limitless our potential is to create beautiful things in the name of engineering and science when the right circumstances surround us.
Expense Reimbursement
Ken Pigg [j.k.pigg@ieee.org]  
Regional 3 Treasurer

Thanks for the opportunity to serve as the IEEE Region 3 Treasurer for a second year. As we go into 2017, please be reminded that our resources are limited and make wise spending decisions.

Travel Reimbursement:
IEEE has made a couple of changes to the IEEE travel reimbursement policy:

◊ Receipts are now required for ALL expenses submitted in your expense report.
◊ Mileage reimbursement rate has changed to $0.54 for 2017.

These changes are reflected in the latest version of the expense reimbursement form which is posted on the Region 3 Website. Be sure to use this version for all section and region requests going forward.

SoutheastCon travel reimbursement:
Reimbursement of travel costs can be requested by each section chair (or designated alternate) that participates in the Region 3 meetings at SoutheastCon. The travel policy, detailed reimbursement instructions, and reimbursement form are located on the Region 3 website under the “Travel and Expense Reimbursement” tab: http://ewh.ieee.org/reg/3/excom/meetings/excel-expenses.html

Please be sure to note the following:

◊ Registration - only the $285 early registration fee will be reimbursed, so register by 3/2/2017.
◊ Hotel reservation - Make you reservation soon. Region 3 will only reimburse Friday and Saturday night lodging expenses
◊ Prior to travel, review the Region 3 travel policy so you understand what can be reimbursed.
◊ The section chair (alternate) reimbursement request goes to me at r3treasurer@ieee.org.
◊ Region 3 Committee member reimbursement requests also go to me at r3treasurer@ieee.org.
◊ To expedite your reimbursement, please read and follow the detailed instructions on the R3 website

Please contact me if you have any questions.

Report of IEEE Educational Activities Board Meeting at New Brunswick, New Jersey
March 24-26, 2017
G. Thomas Bellarmine [gnanasigamani.bellar@famu.edu]  
IEEE Region 3 Educational Activities Chair

Recently, I attended the IEEE Educational Activities Board Meeting at New Brunswick, New Jersey from March 24 through March 26, 2017. I am going to discuss the outcome of the activities of Educational activities Board (EAB).

♦ EA Governance and Mission
♦ Student and Academic Education Programs
   ◊ Pre University Education
   ◊ University Education
   ◊ IEEE-HKN
♦ Continuing Education Offerings

The EAB is divided into the following groups:

♦ Section Outreach Committee (SEOC)
♦ Pre-University Coordinating Committee (PECC)
♦ University Resources Committee (URC)
♦ Continuing Education Committee (CEC)
♦ IEEE Eta Kappa Nu (IEEEHKN)

I also attended the SEOC committee on March 24-26, 2017.

♦ The SEOC engages and supports IEEE Sections & Section Educational Activities Chairs to promote and implement IEEE Educational Activities’ (EA) programs, products, and services based on local education needs.
♦ SEOC Chair – Pamela Jones
♦ MGA Representative – Yatin Trivedi
♦ Region Educational Activities Chairs (Regions 1-10)
   ◊ Review Full Portfolio of EA Programs, Products and Services
   ◊ Review and Reaffirm Roles & Responsibilities of REACs
   ◊ Assess 2016 SEOC Activities & Initiatives
   ◊ Primary Areas of Focus for 2017

Review of 2016 Successes:

♦ Survey of Past and Current Region Educational Activities Chairs (REACs) from Regions 1-10
♦ Survey of Section Education Chairs & Section Chairs from Regions 1-10
Successful and well-attended webinar series in 2016 to educate the IEEE Section Chairs and Section Education Chairs from Regions 1-10 about EA’s wide array of offerings.

View Past SEOC Webinars:


2017 Priorities

- **TOP-DOWN MANAGEMENT**
  - Web-based resource page for Section Leadership
  - SEOC Presence at 2017 IEEE Sections Congress
  - Continuation of the SEOC Webinar Series
  - Development of PowerPoint template for Region meetings
  - Monthly newsletter to REACs highlighting EA activities, to share with Section Leadership

- **BOTTOM-UP MANAGEMENT**
  - Web-based submission tool allowing Section Leaders to submit ideas and recommendations to REACs and SEOC

IEEE Members do many interesting things on the job — and off. Send us photos of what you think represents your experience as a member. Whether you are building a robot, attending a conference, collaborating with your classmates, or engineering new technology – we want to know what IEEE means to you. Not only is there a chance you could see your photos in future IEEE communications, but you also have the chance to win up to $250 in Amazon gift cards and an IEEE-branded selfie stick.

YOU could be the next face on the IEEE website, one of its magazines or newsletters, or social media posts! IEEE is looking for images that highlight membership experiences, engineering in action, and cool things you do as an IEEE Member.

Submit your photo for a chance to win >> [ieee-into-focus.org](http://ieee-into-focus.org)
I Believe in IEEE
Jill Gostin [jill.gostin@gtri.gatech.edu]

I believe in IEEE. I am thankful each day that I am at the best (so far) point in my career and that I belong to a community of people that are "advancing technology for humanity". I am eager to see what lies ahead. IEEE will be a part of that!

I am a very active volunteer with IEEE. Over the years, I have heard many positive, inspirational stories from members about how IEEE has helped them! I want to share with you some of my IEEE story, and why I believe in IEEE. They are the reasons I want to be your next Region 3 Director Elect, and help make IEEE an even better, stronger professional organization.

I am a Principal Research Scientist and the Deputy Director of the Information and Communications Laboratory at the Georgia Tech Research Institute (GTRI). I was named Georgia’s Woman of the Year, by Women in Technology (Nov 2016-Oct 2017). IEEE has been instrumental in me achieving my technical, professional, and leadership successes.

At a peak time in my career, I was not finding leadership opportunities at my job so I decided to seek out leadership activities outside of work. I found opportunities to get management and leadership experience in IEEE! I started at my local Section and Chapter level, and have expanded my service to include Region, MGA, TAB, IEEE-USA, Computer Society, and Sensors Council positions. My IEEE volunteer service helped me achieve promotion to Principal Research Scientist, played a key role in the decision of a GTRI lab to select me as the Deputy Lab Director, and was instrumental in my Woman of the Year award.

IEEE has benefitted me in many ways. My professional and personal networks have greatly expanded through my participation in IEEE. IEEE has given me opportunities to help other technical professionals, through mentoring, through helping them find opportunities to step into leadership positions, and through providing awards to recognize outstanding achievements. I am proud of IEEE because it gives back:

- to me and my colleagues by providing many opportunities for technical and professional training, for community outreach/service, for conferences and publications, for networking events, and for leadership and service
- to my employer by helping keep employees current, by providing awards for both employees and employers, and by offering speaking and publication opportunities
- to communities around the world through activities such as STEM, Women in Engineering, and humanitarian outreach programs.

I believe in IEEE; I am proud to be part of such a great organization!

These are some of the reasons that I am running for the position of Region 3 Director Elect, 2018-2019. My ultimate goal will be to help all of you identify and make use of the ways that IEEE can help you, and for you to be able to state "I believe in IEEE", too! The annual election will begin August 15, and you will be able to see my IEEE accomplishments and statement of candidacy here. If you have any questions or would like to know more about me and my IEEE story, email me at jgostin@ieee.org.
**Candidate for IEEE Region 3 Director Elect 2018 - 2019**
Ken Pigg [j.k.pigg@ieee.org]

I am deeply honored to have been nominated by Region 3 to be a candidate for Director Elect 2018 - 2019. I have been an IEEE member for about 38 years and an active volunteer for the last seventeen. I have served many roles in local organizations including Chair and Treasurer for two different Sections. I may be the only person to have served as treasurer for two different Regions (3 & 5), and a council! My seventeen year “learning how IEEE works” training program also includes stints on the IEEE Conferences committee, TAB Conference Publications Committee, several Awards Committees and multiple ad hoc committees. I also served on the Educational Activities Board as Continuing Education Committee chair. Currently, I am also on the IEEE MOVE Project team as treasurer and driver.

I mention all this just to try to persuade you that I have a good understanding of the depth of how MGA operates as well as a breadth of experience that includes TAB, Conferences, and Educational Activities.

So why am I running?

We need membership growth to remain healthy. Members and prospective members must see value from their membership.

We must do a better, more consistent job of engaging members at the local level. We need to develop new, innovative ways of engaging members.

We need to do a better job of executing section operations. This takes local volunteer leaders that understand what needs to be done and the have resources to help get it done efficiently. Efficient tools will also help with the recruitment and retention of new volunteer leaders.

I also believe that students are the future of IEEE. We lose way too many student members when they graduate. We need to get them more engaged, especially with the local section so they see the value of membership after they graduate.

My priorities as Region 3 Director:

- Explore, promote, and facilitate better ways to engage members at the local level
- Identify and advocate for better tools for section operations
- Work to get more section volunteer leadership positons filled
- Get student branches more engaged with their local section and strengthen those relationships

So, if you agree with my concerns and are persuaded that I have the experience to get something done, please vote for me. If you disagree, please give me your feedback and vote for me anyway!! Connect with me on LinkedIn.

Thanks for your consideration,
Ken Pigg
j.k.pigg@ieee.org
www.kenpigg.com
https://www.linkedin.com/in/kenpigg/

Thanks for your consideration,
Ken Pigg
j.k.pigg@ieee.org
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https://www.linkedin.com/in/kenpigg/
IEEE MOVE truck deploys to Missouri floods
Grayson Randall [g.randall@ieee.org]
IEEE Move Team

The IEEE MOVE truck deployed with the American Red Cross to assist with flood victims in Missouri. The truck was deployed for 13 days, 5/3/17 to 5/16/17. Grayson Randall and Brian Greene deployed with the truck. The flooding occurred over a wide area of southern Missouri. Because of the widespread flooding, we were assigned to participate in events called MARCs. These Multi Agency Resource Centers are a one or two day event where federal, state, local, and non-government agencies meet in a single location to provide a one stop location where flood victims can come to learn about and get flood relief programs and support. The MOVE truck participated in 4 MARC events while we were deployed as well as assisting with the Headquarters setup. We carried a large volume of Red Cross equipment on the truck including laptops, printers, radios, networking equipment, and cabling. At each event, we setup all the equipment, supported the event, and tore down and packed the equipment at the end of each event. In all events we supplied WiFi to the public and government agencies. In one location, the building did not have enough power and we pulled extension cords from the MOVE truck to inside the building to power the equipment. It was a great use of the capabilities of the MOVE truck. You can follow the MOVE truck at http://move.ieeeusa.com.

IEEE MOVE Truck is supporting Red Cross networks as well as providing public WiFi to the supporting agencies and to the public. This MARC event was at the Manchester United Methodist Church in Ballwin/Manchester MO, just outside of St. Louis.
IEEE MOVE team is monitoring the networks for the MARC event at the Manchester United Methodist Church in Ballwin/Manchester MO. The supporting agencies are preparing to start processing clients. Networking software used to monitor the networks was provided by a generous donation by Cisco.
SoutheastCon is the annual IEEE Region 3 Technical, Professional, and Student Conference. It brings together Computer Scientists, Electrical, and Computer Engineering professionals, faculty and students to share the latest information through technical sessions, tutorials, and exhibits. It is the most influential conference in Region 3 for promoting awareness of the technical contributions made by our profession to the advancement of engineering science and to the community. As usual, attendance and technical program participation from areas outside IEEE Region 3 are encouraged and welcomed.

Sponsorship

There are many opportunities for organizations to show their support for the activities of IEEE Region-3 and to actively participate in IEEE SoutheastCon 2018.

Conference activities include:

- A technical conference portion comprised of workshops, tutorial sessions, technical paper sessions, poster sessions, and technical exhibits. Topics include the broad discipline of technologies associated with Electrical and Computer Engineering.

- A student conference portion, which attracts the brightest engineering students and university faculty from across the Southeast USA.

There are various opportunities for organizations to show their support for the activities of IEEE Region-3 and to actively participate in IEEE SoutheastCon 2018:

- Conducting one-hour workshops on products and product lines
- Participating in the student career fair
- Participating as an exhibitor
- Hosting a lunch or dinner

Webpage:
Call for Papers IEEE SoutheastCon 2018

IEEE SoutheastCon 2018 (19 Apr - 22 Apr 2018 in St. Petersburg, Florida) welcomes prospective authors to submit short papers (1 or 2 pages), full-length papers (up to 8 pages), or posters of their original novel research work on any theoretical and applied aspects of engineering, science, and technology. All submitted papers will go through processes of plagiarism check and peer review. A group of selected papers will be presented at IEEE SoutheastCon 2018.

Please, submit your papers or posters at the conference website: (coming soon)

Topic areas appropriate for technical program submissions include, but are not limited to, the following:
- Power and Energy
- Intelligent Power Systems
- Sustainable Energy
- Control, Automation, and Estimation
- Robotics and Computer Vision
- Control and Automation
- Sensor Networks
- Instrumentation and Measurement
- Electrical, Electromagnetic, and Electronic Systems
- Optics and Optoelectronics
- Devices and Semiconductors
- Embedded Systems
- Electromagnetics and Microwaves
- Nanotechnology and Materials
- Computer Hardware, Software, and Big Data
- Big Data and Warehouse Architecture
- Simulation and Game Development
- Software Engineering
- Communications, Signal and Image Processing
- Geosciences and Remote Sensing
- Bioengineering and Bioinformatics
- Health Informatics and Healthcare Communications and Networking
- Technology and Society
- Cybersecurity and Information Assurance
- Applications and Interdisciplinary
- Social Implications of Technology

Important Dates
- Abstract submission deadline: 30 Sep 2017
- Full Paper Submission deadline: 31 Oct 2017
- Notification of acceptance date: 30 Jan 2018
- Final submission deadline: 28 Feb 2018

Technical Paper Submission Information
At IEEE SoutheastCon 2018, a regular paper and a poster will be presented in different manners. A regular paper will be presented as a complete work in the proceedings and in a technical session at the conference, while a poster will be published as a two-page extended abstract with less formality than a regular paper and as a poster at the conference. Each accepted paper/poster requires at least one author registered as an author to attend and present the work at IEEE SoutheastCon 2018. All paper submissions will be checked for plagiarism and fully peer reviewed (targeting at least 3 reviews per paper).

Contacts:
General Co-Chairs:
Claude Pitts – claudе.pitts@ieee.org
Jim Howard – j.howard@ieee.org

Technical Program Chair & Publications Chair:
Chung Seop Jeong, Ph.D. – jeong@usf.edu

Webpage:
Region 3 Awards and Recognitions

Susan Land
Region 3 Awards Chair

Region 3 held its annual Awards Ceremony at SoutheastCon in Charlotte, NC on April 1 as a joint event with IEEE USA. It was a great event where we celebrated the achievements of many individuals from both Region 3 and IEEE USA!

The Region 3 award winners are:

**Joseph M. Biedenbach Outstanding Engineering Educator Award**
Dr. John F. Naber for contributions to entrepreneurship in engineering education, and leadership in practitioner oriented academic teaching

**Outstanding Engineer**
J. Michael Liptak; for significant contributions to the electrotechnology profession with a long-term contribution to sustainability of the electric power industry

**Outstanding Service**
Dr. Stevo M. Bozinovski; for dedicated service to the IEEE Columbia Section and South Carolina Council and his numerous technical contributions to IEEE Societies, Conferences, and Journals benefiting IEEE Region 3 members.

**Professional Leadership Award**
Mark Allen Weiss; for authoring textbooks that have had a profound impact on generations of students, for invaluable service to the computer science community, and for efforts in educating.

**Daniel W. Jackson Award**
Lee Stogner; for sustained leadership and service across Region 3, MGA, and IEEE, and his continued support for IEEE membership development.

**Director’s Choice Awards**
Mauricio Cano; for his innovative approach and effort for helping IEEE members gain recognition as Senior Members, and Dr. J. Patrick Donohoe; for his years of effort and accomplishment as Region 3 Student Activities Chair.

**Region 3 Senior Membership Development Awards**

Strongest Performance; Eastern NC section

Most Improved; Atlanta Section

**Region 3 James Beall SoutheastCon Recognition**
Charles J. Lord, P.E.; In grateful appreciation of his dedication and service as General Chair of SoutheastCon 2017.
We recognized volunteers who have supported MOVE - the IEEE-USA and Region 3 Community Outreach Initiative. These individuals received a lapel pin.

**MOVE Operations Roster 2016**

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<tr>
<th>Eric Ackerman</th>
<th>Alan Anzagira</th>
<th>Justin Baba</th>
<th>Jim Conrad</th>
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**MOVE Houston Training 2016**

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<th>Allan Jacobs</th>
<th>Indra Mehta</th>
<th>Aasawari Pawar</th>
<th>David Cook</th>
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**MOVE New Orleans Training 2016**

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<th>Anderson Sunda-Meya</th>
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<th>Natalie Faciabe</th>
<th>Marloes Booker</th>
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**MOVE Norfolk Training 2016**

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**MOVE Disaster Deployments 2016**

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**MOVE Home Fire Campaign 2016**

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<td>Mary Ellen Randall</td>
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Winners of other IEEE awards were also recognized at the ceremony, including:

**IEEE-USA George F. McClure Citation of Honor**

*Mary Ellen Randall* “For long-term contributions to IEEE’s professional aims in the U.S., including the IEEE-USA MOVE Community Outreach Initiative”, and

*Dr. Sherali Zeadally* “For outstanding research and educational contributions to promote and strengthen cybersecurity awareness in the United States”

**IEEE USA Award for Distinguished Literary Contributions Furthering Public Understanding and Advancement of the Engineering Profession**

*John Toon* “For sustained journalistic efforts to expand the public understanding and the advancement of science and technology in the United States”

**IEEE Educational Activities Board Pre-University Educator Award**

*Scottie Austin Wilson* “for development and delivery of a pre-university, preparatory engineering curriculum and integration of STEM activities"

IEEE Technical Field Awards are awarded for contributions or leadership in specific fields of interest of the IEEE. The winner of the:

**IEEE Fourier Award for Signal Processing**

*Russell Mersereau* “For sustained technical contributions to multidimensional digital signal processing.”

**IEEE Daniel E. Noble Award for Emerging Technologies**

*Miguel A. L. Nicolelis* "For seminal contributions to brain-machine interfaces."

**IEEE Undergraduate Teaching Award**

*Bonnie H. Ferri* "For pioneering mobile hands-on learning and flipped classroom techniques for undergraduate engineering education.

**Member and Geographic Activities Board Innovation Award**

*Mary Ellen Randall* “For pioneering, championing, and developing the MOVE Community Outreach Program, a comprehensive IEEE program for member engagement providing disaster relief and STEM education.”

IEEE Fellow is a distinction reserved for select IEEE members whose extraordinary accomplishments in any of the IEEE fields of interest are deemed fitting of this prestigious grade elevation. These are the Region 3 members who were recently appointed to fellow: (See next page)

As you can see, there are many opportunities for awards within IEEE. I will be stepping down as Region 3 Awards Chair. It has been my goal as Awards and Recognitions Chair to help all of you, our Region 3 members, nominate your colleagues for any of these prestigious awards. Kristin Bing will be the incoming chair and brings a wealth of experience in her role as Awards Chair for the Atlanta Section.

If you ever need assistance with a nomination, please feel free to contact Kristin at kristin.bing@ieee.org.

Upcoming IEEE Award Deadlines:

- **Member and Geographic Activities (MGA) Awards**: deadlines in May and mid-October [http://www.ieee.org/societies_communities/geo_activities/awards/index.html](http://www.ieee.org/societies_communities/geo_activities/awards/index.html)
- **2018 Region 3 Awards**: deadline 1 December 2017 [https://ieee-r3.myreviewroom.com](https://ieee-r3.myreviewroom.com)
Class of 2017, Region 3 Elevated to Fellow

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<td>Haesun Park</td>
<td>Jing Deng</td>
<td>David Luebke</td>
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<td>James Lambert</td>
<td>Fangxing Li</td>
<td>Jeffrey Vetter</td>
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<td>Alvin Lebeck</td>
<td>Huaiyu Dai</td>
<td>Laszlo Huber</td>
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<td>Wenye Wang</td>
<td>James Fowler</td>
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<td>Hulya Kirkici</td>
<td>Peter Hancock</td>
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<td>Anuj Srivastava</td>
<td>David Whalley</td>
<td>Edward Fox</td>
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<td>Jung-min Park</td>
<td>Richard Buehrer</td>
<td>Theresa Mayer</td>
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IEEE SoutheastCon 2017 Student Awards

Student Branch T-Shirt Competition
1st Place: University of Kentucky
2nd Place: Florida Atlantic University
3rd Place: Christian Brothers University

Student Branch Website Competition
1st Place: North Carolina State University
2nd Place: University of North Carolina at Charlotte
3rd Place: University of Georgia

Student Branch Ethics Competition
1st Place: The Citadel
2nd Place: Bob Jones University
3rd Place: University of Florida

Student Branch Software Competition (Hackathon)
1st Place: University of Southern Mississippi
2nd Place: Tennessee Tech
3rd Place: University of South Florida

Student Branch Paper Competition
1st Place: Jason Brown – University of the West Indies - Mona
“Low Cost Wireless Patient Monitoring System”

2nd Place: Ted Ferguson – University of Kentucky
“Hardware Implementation of Synapses Using Memristors”

3rd Place: Raymond McGinnis - Christian Brothers University
“Teaching Digital Logic Through Video Games”
IEEE Region 3 Executive Committee – 2017

Director
Jim Conrad
Treasurer
Ken Pigg
Area 1
Steve Kemp
Area 4 Florida Council
Carlos Cabera
Area 7 South Carolina Council
Jacquelyn Cunningham
Director Elect
Gregg L. Vaughn, Ph.D., P.E.
Past Director
Mary Ellen Randall
Area 2 North Carolina Council
Charles Lord
Area 5 Tennessee Council
Tim Bigelow
Area 8 Kentucky & Indiana
Don Hill
Area 3 Georgia
Area 6 Alabama/Mississippi
Area 9 Jamaica
Secretary
Chase Battaglio

Awards and Recognition Committee
Awards and Recognition Chair
Kristin Bing

Communications (MGA-IMC) Committee
Communications (MGA-IMC) Chair
Donghui Wu
Public Information
Daniel Diaz
Automated Tools (ECSC) Chair
Jim Corr
Newsletter Editor
Eric S. Ackerman, Ph.D.
Webmaster
Bill LaBelle

Conference Committee
Conference Committee Chair
Sean Haynes
Regional Student Activities Chair
Victor Basantes
SoutheastCon2018
Jim Howard
Conference Committee Vice-Chair
TBD
SoutheastCon2016
Sean Haynes
SoutheastCon2019
Eric Grigorian
Past Conference Committee Chair
Chris Hardy
SoutheastCon2017
Charles Lord

Financial (FINCOM) Committee
Finance (FINCOM) Committee Chair
Kevin Pigg

Leadership Development and Regional Support
Leadership Development and Regional Support Chair
Jill Gostin
Section / Chapter Rejuvenation Coordinator
Jim Anderson
Regional Support / VIP Project Chair
Paul Goodson
Leadership Development Training Chair
Jill Gostin
Educational Activities Coordinator
Thomas Bellermine

Member Engagement and Life Cycle
Member Engagement and Life Cycle Chair
Mark Torres
Life Member Coordinator
Charles Husbands
Young Professional Representative Chair
Daniel Diaz
Industrial Relations Coordinator
Lee Stogner
Membership Recruiting and Recovery Coordinator
Sonya Dillard
Women in Engineering Liaison
Jennifer Y. Geist

Nominations and Appointments
Nominations and Appointments Chair
Mary Ellen Randall
**IEEE Region 3 Executive Committee – 2017 (cont.)**

**Professional Activities Operation (USA-PACE) Committee**

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<thead>
<tr>
<th>Committee</th>
<th>Chair</th>
<th>Coordinator (USA-ECSC)</th>
<th>PACE Chair</th>
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<tbody>
<tr>
<td>Professional Activities Operation (USA-PACE) Committee Chair</td>
<td>Theresa Brunasso</td>
<td>Ed Kirchner</td>
<td>Theresa Brunasso</td>
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<td>S-PAC Coordinator</td>
<td>Victor Basantes</td>
<td>IEEE-USA K-12 STEM Literacy Comm.</td>
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<td>Rep</td>
<td>Matthew Iglesia</td>
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**Student Activities Committee**

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<tr>
<th>Chair</th>
<th>Student Representative</th>
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<tr>
<td>Victor Basantes</td>
<td>Oceane Boulais</td>
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**Strategic Planning Committee**

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<tr>
<th>Chair</th>
<th>History Chair</th>
<th>Special Review Chair</th>
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<td>Dave Green</td>
<td>Dave Green</td>
<td>William Harrison</td>
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**Tellers Committee**

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<tr>
<th>Chair</th>
<th>R3 MOVE Project Director</th>
<th>Fellows Nomination Chair</th>
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<tr>
<td>Chase Battaglio</td>
<td>Mary Ellen Randall</td>
<td>David Connor</td>
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To contact any of the above members, please go to this website


Other Region 3 Address:


Facebook: Search for “IEEE Region 3”


Twitter: r3ieee

Calendar: [r3ieee@gmail.com](mailto:r3ieee@gmail.com) (Region 3 planned meetings)

Calendar: [https://meetings.vtools.ieee.org/meetings/ical/0/90/asc/3](https://meetings.vtools.ieee.org/meetings/ical/0/90/asc/3) (all meetings in Region 3 in vTools)

R3 Online Community: [https://region3.oc.ieee.org](https://region3.oc.ieee.org) (uses IEEE Credentials)
IEEE MISSISSIPPI SECTION-
Seventh Annual Professional Development Day

DATE: Thursday 10 August 2017 at Mississippi College 8:30am-4pm with an included lunch noon-1pm

LOCATION: Mississippi College, 200 S. Capitol Street, Box 4004, Clinton, MS 39058 Math, Chemistry
and Computer Science Building, Room MCC 402 (next to Hederman Science Building) See map at
www.mc.edu/about/visit/map

SPEAKERS: List to be posted on the section website www.ieee.org/ms

Seminar cost are $35 for IEEE members and $65 for non-members and includes lunch and drinks. The registration link is https://events.vtools.ieee.org/meeting_registration/register/45735 and posted on the IEEE Section
website www.ieee.org/ms

Expect to receive up to 6 hours of PDH credit for this event on topics including useful circuit design, Un-
maned Aircraft Systems applications and Engineering Ethics.

IEEE is a non-profit 501c3 with 500 members in central Mississippi and over 400,000 members worldwide.
Expect 25-50 attendees including engineers, students and genealogy enthusiasts to attend this meeting.
www.ieee.org/ms

Please send your questions using the feedback form on the website Mississippi Section http://
sites.ieee.org/mississippi

Please RSVP by COB on Tuesday 4 August 2017 so we may have seating and refreshments.

IEEE members, students and guests are invited and always welcome. Hope to see you there, Douglas Seale
IEEESM IEEE Mississippi Section Secretary 2017 Douglas.Seale@raytheon.com

Winnfort Myles, IEEE Mississippi Section Chair 2017 wjmyles@gmail.com 601-874-0331

Ron Ogan, IEEE Mississippi Section Past Chair rtogan@ieee.org cell 972-672-0237