

# Region 3



<http://ewh.ieee.org/reg/3>

Volume 34 – No. 1

Winter 2020

## Making New Connections in 2020

Hello Region 3 members! I’m excited to be your new Region 3 Director, serving in 2020 and 2021. We have a great team of leaders ready to help our Sections and our Members have a great 2020. Our theme this year is Making New Connections – with other people (members or non-members), with groups within and outside of IEEE, with activities that perhaps you didn’t even know IEEE was involved in! This will involve improved communications and offering new ways to connect.



*Jill Gostin  
Director, Region 3*

I believe that in order to connect, we need to increase and improve our local activities. Local activities are the best way we can serve all of our members and encourage others to join IEEE and get involved. **I am therefore challenging every Section to offer at least one new type of event this year** – a type of event that they have never done before.

This could be a technical project that multiple chapters work on together; a local humanitarian outreach effort; a family-friendly hands-on learning night; a tour of a local manufacturing plant; designing an escape room and having a family night where families try to escape; a networking event with other local professional societies; etc. We have many ideas, and I’m sure our Sections will come up with even more. **I’m also asking that the Sections challenge their Chapters and Affinity Groups to also come up with a new type of event to offer.**

**This is my request to each of you: Be watching for these new events, support these activities, tell your friends... and bring your friends with you! If you have ideas for a new event, let your local leadership know.** There is nothing limiting them to only one new event this year!!

Throughout the year, we will be providing updates on activities – via social media, our website, and this newsletter. We have a new Communications team in place to help you stay better informed. **At the end of 2020, we’ll provide a complete update on how we did.** We’ll feature some of the great new events that were offered. We’ll highlight successes, and hopefully have many photos to include of people engaging in an assortment of IEEE events across our Region. You’ll be able to see what happened across your Region, Region 3, in 2020 – and will find out our plans for 2021!

I’m looking forward to new things in 2020, and I hope to make a connection with many of you. Please feel free to reach out to me at any time, with your ideas and suggestions for strengthening Region 3!

### Inside this issue

From the R3 Director-Elect Desk	2
Florida West Coast Anniversary	2
2020 Haraden Pratt Award	2
What Has Happened within WIE Affinity Group, Jamaica Section Projects	3
MOVE Training Courses	5
MOVE in Jacksonville	6
Make 2020 Your Year for Senior Member Elevation	6
2019 Region 3 Awards and Recognitions	7
IEEE SoutheastCon 2020	10
IEEE Young Professionals Program	11
IEEE Region 3 Executive Committee—2020	14
2020 Region 3 Strategic Plan	16
SoutheastCon 2020	16

## *From the R3 Director-Elect Desk*

**Theresa Brunasso**  
[\[theresa.brunasso@ieee.org\]](mailto:theresa.brunasso@ieee.org)  
**Region 3 Director-Elect**

I've hit the ground running as your new Director Elect. In November of last year I attended a full day orientation for Directors at the Board Series meeting in Boston. I've passed on the duties of Professional Activities Committee Chair to Jacquelyn Cunningham [[jdnc@ieee.org](mailto:jdnc@ieee.org)]. Director Jill Gostin and I meet monthly to discuss opportunities to help the members of our Region. We've been working on the agenda for SoutheastCon in March, and I will be presenting. I hope to see many of you there. If you have any questions or suggestions, please contact me. I'm here to serve our Region. As always, thanks for all you do for IEEE.

## *Florida West Coast Anniversary*

**Claude Pitts** [[claudio.pitts@ieee.org](mailto:claudio.pitts@ieee.org)]  
**Chair Florida West Coast Section**

The Florida West Coast Section (FWCS) celebrated our 63<sup>rd</sup> Anniversary at the Florida Aquarium on Saturday December 7, 2019. We had a bar-b-que luncheon followed by a history of our Section and recognition of our members present. Afterwards the Aquarium was available to tour.

Our celebration was combined with a Senior Round – up with 52 (members and their guest present). FWCS Chair Senior Membership - Herman Amaya made the initial steps for 4 new Senior Member applications. FWCS Chair for Awards - Richard Beatie presented (on behalf of the Florida Council) the James H. Beal Outstanding Service Award to FWCS Secretary - Sean Denny. FWCS Chair - Claude Pitts and Vice Chair - Paul Belussi presented Service Certificates and applicable IEEE service pins were presented to all members recognizing their years of service.

We reviewed the events and activities for 2019 in which FWCS (its Society Chapters and Affinity groups) held 155 meetings with 2611 attendees. At our Cele-

bration we had 643 years of service to IEEE represented ranging from 1 to 52 years. We reviewed some history of Florida West Coast beginning with its Charter, November 14, 1956, from The Institute of Radio Engineers and signed by then IRE President-Arthur Loughren on December 12, 1956 and the subsequent creation of IEEE with the merger of American Institute of Electrical Engineers and Institute of Radio Engineers January 1, 1963 and the creation of what we know as IEEE Societies in 1970.

## *2020 Haraden Pratt Award*

**Dave Green** [[d.green@ieee.org](mailto:d.green@ieee.org)]

The IEEE Haraden Pratt Award was established in 1971 in honor of Haraden Pratt, then Director Emeritus of IEEE, who had given dedicated and distinguished service. As President, Treasurer, and then Secretary for 23 consecutive years, his service on the Board of Directors, including that of Director Emeritus, totaled 31 years.



The recipient of the award must be an IEEE Senior member or Fellow and demonstrate outstanding volunteer service to IEEE.

In the evaluation process for the IEEE Service Awards, contributions an individual has made while an IEEE employee will not be eligible for the award, only volunteer contributions are considered. The quality of the nomination will also be considered by the selection committee.

The 2020 Haraden Pratt Award winner is Mary Ellen Randall. The award will be presented at the 2020 IEEE Honors Ceremony in Vancouver, CA.

Her citation reads:

“For advocacy of member engagement through projects, social networking, awards, service to humanity, inclusion, and outreach in support of IEEE goals.”

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](mailto:w.labelle@ieee.org)  
 Copyright 2020

*What Has Happened within WIE  
Affinity Group, Jamaica Section 2019*  
**Sharlene Brown, SMIEEE**  
[[sharelenbrown@ieee.org](mailto:sharelenbrown@ieee.org)]  
**WIE Jamaica Section**

The Women In Engineering (WIE) Affinity Group Jamaica Section was approved on April 16, 2019. In the last eight (8) Months there were a number of activities which took place to assist with the increase of membership, promotion of the WIE and also professional development of the members and potential members.

Past Activities included:

- Official Launch
- Promotion:
  - ◊ Orientation University of the West Indies, Mona
- Formation of IEEE Student Branch
  - ◊ Meeting at Caribbean Maritime University
  - ◊ Promote IEEE and WIE in Northern Caribbean University
- Leadership Panel Discussion
- Tree Planting

### **WIE Affinity Group, Jamaica Section Official Launch**

The official launch of the WIE Affinity Group, Jamaica Section was held on July 3, 2019. The Minister of Science Energy and Technology, Honourable Fayval Williams, MP was the keynote speaker who shared with the newly appointed WIE Affinity Group that the Government is on a journey to transform the nation and improve the lives of citizens through science and technology and the journey will need engineers, software developers, scientists, cyber specialists, roboticists and other professionals, and women should not feel daunted to join these fields. She has pledged to support the activities of WIE and promised to share WIE with her ministry. She also charged the newly appointed WIE to be active and from other WIE groups in the rural areas. Other persons who brought messages were Dr. Lisa Lazareck-Asunta, 2019-2020 WIE Committee Chair talked with us via a video clip, and shared how thrilled she was with the formation of the Jamaica Section WIE Affinity Group. She also shared that WIE is looking at a pledge to change same=gender panels at all IEEE conferences, and that WIE plans to host webinars to promote leadership training through the years.

Dr Denise Chevannes, UN Women National Private Sector Specialist, spoke on the United Nations WIN-WIN: Gender Equality means Good Business Programme. The aim of the Programme is to have more associations, groups and networks formed such as WIE, to encourage the economic empowerment of women.

Dr. Grace McLean, Permanent Secretary in the Ministry of Education, Youth and Culture's, spoke on how much the country needs more women in the STEM subject areas.

### **Promotion of WIE Jamaica Section**

The WIE Jamaica Section participated in the orientation session of the new students at the University of the West Indies, (UWI) Mona Campus in August 2019. The students were introduced to the IEEE and WIE and were encouraged to join the UWI IEEE Student Branch as part of their university's Clubs and Societies.



L – R: 3<sup>rd</sup> Left: Hon. Fayval Williams, Minister of Science, Energy and Technology; 1<sup>st</sup> Left: Mr. Devon Gayle IEEE Jamaica Section Chair; 2<sup>nd</sup> Left: Dr. Damith Wickramanayake IEEE Area 9 Chair; 4<sup>th</sup> Left: Dr. Denise Chevannes, UN Women Win Win Programme; 5<sup>th</sup> Left: Dr. Colin Gyles, Deputy President University of Technology, Jamaica; 6<sup>th</sup> Left: Miss. Sharlene Brown, Interim Chair, WIE Affinity Group Jamaica Section; 7<sup>th</sup> Left: Miss. Latoya Clarke, WIE Member; Miss Desree Ebanks, WIE Jamaica Section Interim Secretary.

### **Formation of IEEE Student Branch**

The Jamaica WIE Affinity Group took on the challenge given by the Minister of Science Energy and Technology, Honourable Fayval Williams, MP to form more IEEE and WIE groups in the rural areas. Promotional meetings were held at the Caribbean Maritime University (CMU) and Northern Caribbean University (NCU) to educate them on the process of forming an IEEE Student Branch within their

university. The results saw the formation of the CMU IEEE Student Branch with 23 students and the NCU currently in the process of finalizing their formation.



Promotion of WIE Meeting at Caribbean Maritime University (CMU): Sharlene Brown, Interim Chair presenting to students.



Promotion Meeting at Northern Caribbean University (NCU): L-R: Cedric Hanson, NCU, Damith Wickramanayake, IEEE Area 9 Chair, Trevor Simpson, NCU Tora Simpson, NCU & Sharlene Brown, WIE Interim Chair.

### Leadership Panel Discussion

As part of the professional development for the members and potential members, a leadership panel discussion was hosted by the WIE Affinity Group, Jamaica Section. The topic of the discussion was **“Igniting Your Passion For Work As A Leader”**. Among the panelists were IEEE President Elect 2020, Susan ‘Kathy’ Land, Mary Ellen Randall, President and CEO, Ascot Technologies, Fellow of IEEE and Director & Past Vice President of IEEE MGA 2017; Paul Aiken, CEO, Mona Tech. Engineering Services Ltd.; and Ryan Sterling, CEO, Vertis Technologies. The Panelists shared their leadership journey, challenges faced on their journey, strategies used to overcome challenges and advice to ignite passion to lead. Some

advice given by panelists included:

- Susan “Kathy” Land – “Never be afraid to speak up and make suggestions.”
- Mary Ellen Randall – “Always look for opportunities to showcase hidden talents.”
- Paul Aiken – “Never stop learning and never be afraid to try something different.”
- Ryan Sterling – “When faced with adversity, take a step back, examine the issue and plot the best course forward.”

### National Labour Day Tree Planting Activity

As part of the National Labour Day 2019, The Forestry Department of Jamaica distributed plants (flowers) and fruit trees to be planted for various planned Labour Day projects. The August Town Seventh Day Adventist Basic School was selected by the Minister of Science Energy and Technology, Honorable Fayval Williams, MP as the Basic school of choice and with need to participate in the Labour Day Project.

The following fruit trees and flowers were planted on the grounds of the August Town SDA Basic School by WIE and Jamaica Section Volunteers:

#### Fruit Trees

1. Jack Fruit Tree
2. Sweet Sop Tree
3. Java Plum Tree

#### Flowers

1. Lignum Vitae (National Flower)
2. Pride of Barbados
3. Poor Man’s Orchid

The school has general maintenance personnel who will be in charge of maintaining the Fruit Tree and flowers. In addition, the Principal assigned students to the trees who will take special care of the trees



IEEE Area 9, Chair and Karlene Black planning trees

(watering) and the WIE/Jamaica section will reward the student whose tree has grown the best. This is just a motivation to students to take care of their property.

The school currently has a garden with vegetables, which they consume daily. The IEEE WIE thought it would be good to enhance their vegetable garden with fruit trees and hence the decision was taken to plant the fruit trees. In addition we thought the flowers will also contribute to the beautification of the school's environment.

These activities bring to a close the activities outlined in our 2019 Business Plan. We continue to scan our environment for the areas to which WIE Affinity Group, Jamaica Section is able to contribute to WIE and by extension Jamaica.

#### **Sharlene Brown, SMIEEE**

2020, IEEE Region 3, Senior Member Elevation Coordinator

MD Chair, IEEE Jamaica Section

Chair, WIE Jamaica Section

2019, Chair, WIE Senior Membership Campaign

Email: [sharlenebrown@ieee.org](mailto:sharlenebrown@ieee.org)

Telephone: +1 876.344.8350

## *Projects*

**Grayson Randall** [[g.randall@ieee.org](mailto:g.randall@ieee.org)]  
**Section Support—Project Coordinator**

Region 3 is encouraging all operating units (OUs) to consider doing a project. This includes sections, chapters, affinity groups or other IEEE organizations. Projects are a great way to engage your members and provides the members a way to give back to the community their skills and talents. Projects can be solving a complicated technology problem, developing technology for the disabled, solving community problems, providing STEM outreach to students, or other projects that member skills can solve. Members involved in projects appreciate the IEEE community and feel good about providing their skills to benefit society.

For more information about starting a project, see the video at [http://www.ewh.ieee.org/reg/3/Projects\\_presentation.mp4](http://www.ewh.ieee.org/reg/3/Projects_presentation.mp4) or contact Grayson Randall at [g.randall@ieee.org](mailto:g.randall@ieee.org).



Humanoid Robot Project, (East North Carolina Section)

## *MOVE Training Courses* Loretta Arollano [[l.arellano@ieee.org](mailto:l.arellano@ieee.org)]

### **Two Upcoming courses**

Raleigh North Carolina  
RED CROSS DST 101 TRAINING  
March 12, 2020

Centered around the MOVE truck and its capabilities, MOVE volunteers also assist the Red Cross, our national partner, at natural disasters on the Disaster Services Technology team. This is a 1-day version of the DST 101 training made especially available for IEEE MOVE volunteers who want to be trained and ready to deploy, if needed. You should sign up as a Red Cross volunteer before the class so you may receive appropriate credit. DST 101 is a pre-requisite for deploying in a disaster.

<https://events.vtools.ieee.org/m/218741>

MOVE TRUCK TRAINING  
March 13, 2020

MOVE volunteers learn about the truck capabilities, how to operate safely as a MOVE team member, what to expect on a deployment and what is expected. Come join the exciting MOVE team and provide comfort for people who have been impacted by a natural disaster.

Classes are free, but there is no region or MOVE travel expense coverage. Please sign up separately for this class.

<https://events.vtools.ieee.org/m/218742>

## *MOVE in Jacksonville* Butch Shadwell [[b.shadwell@ieee.org](mailto:b.shadwell@ieee.org)]

You may not be aware that the IEEE promotes and sponsors many humanitarian projects around the world. One of the projects with which we have been involved is the IEEEUSA MOVE program. Four years ago a small group of Region 3 volunteers joined together to design and build a disaster response vehicle that could help victims and first responders. Here is a link to our web site: <https://>



MOVE Project

[move.ieeeusa.org/](http://move.ieeeusa.org/).

The truck we designed and built, has many interesting technical features. Examples include a broadband satellite uplink, solar power generation system, diesel power generation, high capacity storage batteries, plus many communications and computer networking options.

There have already been 14 deployments of the truck to support Red Cross and FEMA operations, manned by IEEE volunteers, to floods, hurricanes, and tornadoes. Butch Shadwell, one of the original design team, will be there to talk about the development of the truck and his experiences as an IEEE/Red Cross volunteer.

### *Public events in Jacksonville:*

The MOVE truck is scheduled to be in Jacksonville from February 8 to February 11, 2020. Contact Butch Shadwell for more information.

The IEEE Section meeting will be held February 11, 2020 at 5:30pm at the Florida State College—Jacksonville (FSCJ) Advanced Technology Center.  
401 W State St, Jacksonville, FL 32202

## *Make 2020 Your Year for Senior Member Elevation (SME)* Sharlene Brown, SMIEEE [[sharelenbrown@ieee.org](mailto:sharelenbrown@ieee.org)] Chair, IEEE R3 Senior Member Elevation Coordinator

The IEEE Region 3 will be implementing a program, through its Sections, to guide and assist more eligible members to be elevated to the rank of Senior Member in 2020.

### **What does the R3 SME Program entail?**

The Program will among other things:

1. Share step by step guidelines to Sections on how to host an SME workshop.
2. Share short tips with pointers on how to prepare a good senior member application.
3. Assist members to find suitable Members/Fellows to serve as references for applicants.
4. Assist Sections with nomination of members to be elevated to the rank of Senior Member.
5. Host information sessions with Sections on how to host a Senior Member Elevation workshop.

### **Importance of Senior Membership**

Senior Membership is very important because IEEE is dedicated to advancing technology for humanity and

to making a positive change in workplaces and communities. Senior Members are well suited for helping IEEE with these tasks.

Point to note:

- You can only hold certain executive volunteer positions within the IEEE if you are a Senior Member.
- You can only become an IEEE Fellow if you are a Senior Member.

### Get Involved Today

IEEE R3 is calling all Engineers, Scientists, Educators, Technical Executives and Originators in IEEE-designated fields of Interest who have been in professional practice for at least 10 years where five (5) years of your ten professional years of experience marks significant performance. YOU might be eligible for Senior Member elevation. Please take a moment and read the requirements and start your application here:

Requirements: <https://www.ieee.org/membership/senior/senior-requirements.html>

Start Your Application here <https://www.ieee.org/membership/senior/>

### Benefits of IEEE Senior Membership

There are many benefits of IEEE Senior Membership which include:

- A letter of commendation to your employer on the achievement of Senior Member grade (upon the request of the newly elected Senior Member);
- An attractive fine wood and bronze engraved Senior Member plaque to proudly display;
- Voucher Certificate toward one new IEEE Society membership
- Announcement of elevation in Section/Society and/or local newsletters, newspapers and notices.

Please feel free to reach out to us if further details are needed.

Regards

**Sharlene Brown, SMIEEE**

Chair, IEEE R3 Senior Member Elevation Coordinator

MD Chair – IEEE Jamaica section

Chair – WIE Jamaica Section

Email: [sharlenebrown@ieee.org](mailto:sharlenebrown@ieee.org)

Phone: +1 876.344.8350

## *Region 3 Awards and Recognitions Update*

**Kristin Bing** [[kristin.bing@ieee.org](mailto:kristin.bing@ieee.org)]  
**Region 3 Awards and Recognition Chair**

There are many opportunities for awards within IEEE, and I am happy to be a resource for our membership in this area. As a sampling, I've included a summary of last year's Region 3 awards (presented at SoutheastCon 2019) and deadlines for most major IEEE awards below. It is 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. This is a great way for Sections to *make new connections* with their members of excellence. I will communicate to our membership with regular reminders of upcoming award deadlines. If you ever need assistance with a nomination, would like tips on creating an award for your Section, or need anything else related to IEEE awards, please feel free to contact me at [kristin.bing@ieee.org](mailto:kristin.bing@ieee.org).

The Region 3 award winners recognized in 2019 are:

#### *Joseph M. Biedenbach Outstanding Engineering Educator Award*

Dr. Rami J. Haddad in recognition and appreciation of outstanding service, leadership, community outreach, student engagement, and engineering research



#### *Outstanding Engineer*

Dr. Maryam Saeedifard for outstanding research and educational contributions in voltage-sourced converter-based high-voltage DC transmission systems



#### *Outstanding Service*

Mr. Tim Forrest, CET, for selfless service to MOVE disaster relief efforts



Outstanding Professional Leadership

Daniel W. McDonald for passion, drive, and professional leadership of the Robot Humanoid projects



We recognized volunteers who have supported MOVE - the IEEE-USA and Region 3 Community Outreach Initiative. These individuals received a commemorative coin.

Director's Choice Awards

E. Chase Battaglio, P.E., for enthusiastic and exemplary service to IEEE Region 3 as secretary



J. Ken Pigg for enthusiastic and exemplary service to IEEE Region 3 as treasurer



Region 3 Senior Membership Development Awards

Strongest Performance; Jamaica section



Most Improved; Virginia Mountain Section



Region 3 James Beall SoutheastCon Recognition

Eric Grigorian, P.E., PMP; In grateful appreciation of his dedication and service as General Chair of SoutheastCon 2019.



MOVE Contributors 2018

Meshari Algumaizi	Loretta Arellano (R6)	Justin Baba
Thomas Bellarmine	Ralph P. Borching	Chris Brantley
Jay Diepenbrock	Sonya Dillard	Mary Ebel
Dan Fuccella	K. Gagneja	Jill Gostin
Jeffry Handal	Thomas Heckwolf	Ted Hissey (R2)
Steve Kemp	Kathy Land	Warren Macchi
Keith Moore (R6)	J. Derald Morgan	Macauley Osaisai
Nathan Phillipp	Ken Pigg	Rodney Radford
Mary Ellen Randall	Michael Randall	Bill Ratcliff
Melia Romine	Peter Romine	Seth Romine
Chris Siegl	Murray Skeete	Mark Smith
Gregg Vaughn	Raul Vila	Ebony Walker
John Balsam	Leandro G Barajas	Chase Battaglio
Alan Brown	Sharlene Brown	James Conrad
Chris Farrell	Tim Forrest	Dusty Fisher (R5)
Brian Greene	Eric Grigorian	Deb Hall
Matt Horrer	David Iams	John Johnson (R4)
Lee Mari	William Marshall IV	William Maxemchuk
Brian Page	Glenn Parker	Nick Pasquerillo
Shahinur Rahman	Andre KC Randall	Grayson Randall
Sephandaro Reach	Jim Remich	Will Robinson
Andrew Seely	Butch Shadwell	Adelaide Siegl
Robert Stong	Mark Torres	Luis Vargas
D. Wickramanayake	David C Wright	John Yaglenski

Winners of other IEEE awards were also recognized at the ceremony, including:



IEEE-USA Jim Watson Student Professional Awareness Achievement Award

James Peterman, Raleigh-Durham, NC “for sustained leadership and active contribution to the IEEE Student Professional Awareness Program and student activities”

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



## *Region 3 Awards and Recognitions (cont.)*

**Dr. Guru Madhavan, Washington, DC** “for outstanding contributions in enhancing public consciousness of the engineering profession through his book, ‘Applied Minds: How Engineers Think’ ”

*IEEE-USA Robert S. Walleigh Distinguished Contributions to Engineering Professionalism Award*

**John Paserba, Pittsburgh, PA** “for significant and sustained contributions to engineering professionalism and IEEE student member engagement”

*Dr. Rodney E. Hanneman Community Service Award*

**Steve Kemp** “For outstanding community service in support of the Richmond Joint Engineers Council” (given by RJEC)

### **IEEE Institute Level Awards**

*IEEE Haraden Pratt Award*

**David G. Green** “For outstanding leadership, exceptional dedicated service, and tireless energy in support of the mission and goals of IEEE”

*IEEE Undergraduate Teaching Award*

**Lisa G. Huettel** “For leadership in curriculum

development as well as teaching and mentoring of undergraduate students in electrical and computer engineering”

*IEEE EAB Meritorious Achievement Award, Accreditation Activities*

**Franc E. Noel** "For contributions to engineering accreditation globally and for leadership in IEEE engineering accreditation activities"

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:

### **Class of 2019, Region 3 Members Elevated to Fellow**

Steven Butler	Jiyuan Fan	Maysam Ghovanloo	Ahmed A-G Helmy
Hai Li	C. Steven Lingafelt	Shiwen Mao	Tim Menzies
Mary Ellen Randall	Walid Saad	Mei-ling Shyu	Panagiotis Tsiotras
Shuo Wang	John Turner Whitted		

### **Upcoming IEEE Award Events and Deadlines:**

- **SoutheastCon 2020:** Raleigh, NC, includes R3 awards ceremony on 14 March 2020 <https://attend.ieee.org/southeastcon-2020/>
- **Education Activities Board Awards:** deadlines are 6 May 2020 <https://www.ieee.org/education/awards/index.html>
- **Member and Geographic Activities (MGA) Awards:** deadlines are 15 May (Section), 21 May (Middleton), and 15 October 2020 <https://mga.ieee.org/awards>
- **IEEE Awards:** Recognitions and Medals deadline 15 June 2020 <http://www.ieee.org/about/awards/index.html>
- **IEEE USA Awards:** deadline 9 September 2020 <http://www.ieeeusa.org/volunteers/awards/index.html>
- **2020 Region 3 Awards:** deadline 1 December 2020 <https://apply-ieee.smapply.io>



IEEE SoutheastCon is the annual IEEE Region 3 Technical, Professional, and Student Conference. It is the premier conference for the IEEE Region that encompasses the IEEE Southeastern United States and Jamaica. IEEE SoutheastCon 2020 brings Electrical Engineering, Computer Engineering, and Computer Science professionals, faculty and students to share the latest information through technical sessions, tutorials, professional development sessions, 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.

The theme of IEEE SoutheastCon 2020, is “Engineering Vision 20/20 – The Future is Bright”. We have constructed a superb technical program for researchers in various technical track areas including power systems engineering, communications and signals processing, automation and control, advanced computing and computer applications, sensor systems and IOT, and more!

The conference will be held at the Raleigh Convention Center and Raleigh Marriot City Center, located in downtown Raleigh during March 12-15 and will include:

- ◇ A professional paper program Friday 3/13 and Saturday 3/14
- ◇ Region 3 meetings and workshops for volunteers Friday-Sunday
- ◇ Red Cross Disaster and IEEE Move truck training on Thursday and Friday
- ◇ Student competitions – software, hackathon, website, papers, and an appropriately themed Pi Day (March 14th) robot hardware contest
- ◇ Network with other engineers and IEEE volunteers
- ◇ More fun and surprises!

Space will be limited for some events, so we strongly encourage you to take advantage of early registration (ending February 7) to make sure you will be able to participate in your chosen events.

Attendance and technical program participation from areas outside IEEE Region 3 is welcomed and encouraged. You do not have to be a member of IEEE to participate or attend IEEE SoutheastCon 2020, although membership is required in order to participate in student competitions.

However, we do encourage you to investigate the benefits of IEEE membership! One immediate benefit is the reduced registration fee to attend.

<https://attend.ieee.org/southeastcon-2020>

**Early registration ends on February 7 – so register now to save!**

*IEEE Young Professionals Program*  
**Hasala Dharmawardena**  
[\[l.arellano@ieee.org\]](mailto:l.arellano@ieee.org)  
**IEEE Region 3 Young Professionals**  
**Coordinator**

Are you an early career professional wondering if there are any special benefits for you as a young professional in IEEE? Well, there are many special benefits! One major benefit is providing membership to a program called [IEEE Young Professionals](#). If you are within the first 15 years since graduation from your first degree, then you are automatically a member of IEEE Young Professionals (YP)!

Many young professionals find it difficult to fit into the traditional IEEE fabric. This is the main reason IEEE created the IEEE Young Professionals Program. As an IEEE YP member, you get the unique opportunity to be a member of the local Young Professionals Affinity Group (AG) or even have the opportunity to create one if your section does not already have one. All the Young Professionals in your section will belong to this affinity group and it will be a great platform to network with the other Young Professionals in your section.

To create this local Young Professionals Affinity Group, you only need six Young Professionals in your section. In Region 3, all Sections are therefore eligible to have a local YP AG. To maintain the active status of the local affinity group, the requirement is to report a minimum of two events annually.

**Table 1. The membership number for existing Region 3 YP AGs as of December 1, 2019.**

Section Name	# of Members	Year Formed
Alabama Section Affinity Group, YP	210	2000
Richmond Section Affinity Group, YP	141	2017
Atlanta Section Affinity Group, YP	864	2012
Huntsville Section Affinity Group, YP	161	1999
Mississippi Section Affinity Group, YP	102	2014
Charlotte Section Affinity Group, YP	168	2017
Eastern North Carolina Section Affinity Grp, YP	620	2012
Piedmont Section Affinity Group, YP	131	2017
Florida West Coast Section Affinity Group, YP	290	2002
Melbourne Section Affinity Group, YP	68	2006
Memphis Section Affinity Group, YP	117	2013

At present, we have only 11 Young Professional Affinity Groups out of the 41 Sections in Region 3. The names of these eleven Region 3 Young Professionals Affinity Groups are given in Table 1 and the geographic locations of the existing Affinity Groups are shown in Fig. 1. If you are from one of those Sections and would like to get more involved with your local Young Professionals Affinity Group, please contact the Section or the YP Affinity Group officers. The Region Young Professionals committee can also help you find contacts.

If you are in one of the 29 sections without a Young Professionals Affinity Group, we can help you make a new one. In fact, you can make the new Affinity Group just by filling out an online form and the process could be completed in less than 15 minutes!

### Interesting Statistics

- 5607 Young Professionals in Region 3
- 11 Young Professional Affinity Groups serving 2882 members
- 30 events in 2019
- 60% of the Young Professionals are members
- 40% of the Young Professionals are graduate student members

### Benefits to Young Professionals

- Opportunity to be active within IEEE in small leadership roles that require minimal time commitment
  - A Platform to Network with other Young Professionals of the Section and Region
  - [Get funding from IEEE](#) to fund your local activities. IEEE provides significant funding to the YPs, but most funding programs require an active YP AG to be eligible to apply.
  - Opportunities to be recognized for your volunteering—YP program has many awards for deserving Leaders. Last year a volunteer from the Gainesville Section won a Global YP leadership award.
  - Attend Conferences and network globally – In the last 12 months, Region 3 provided seven funded

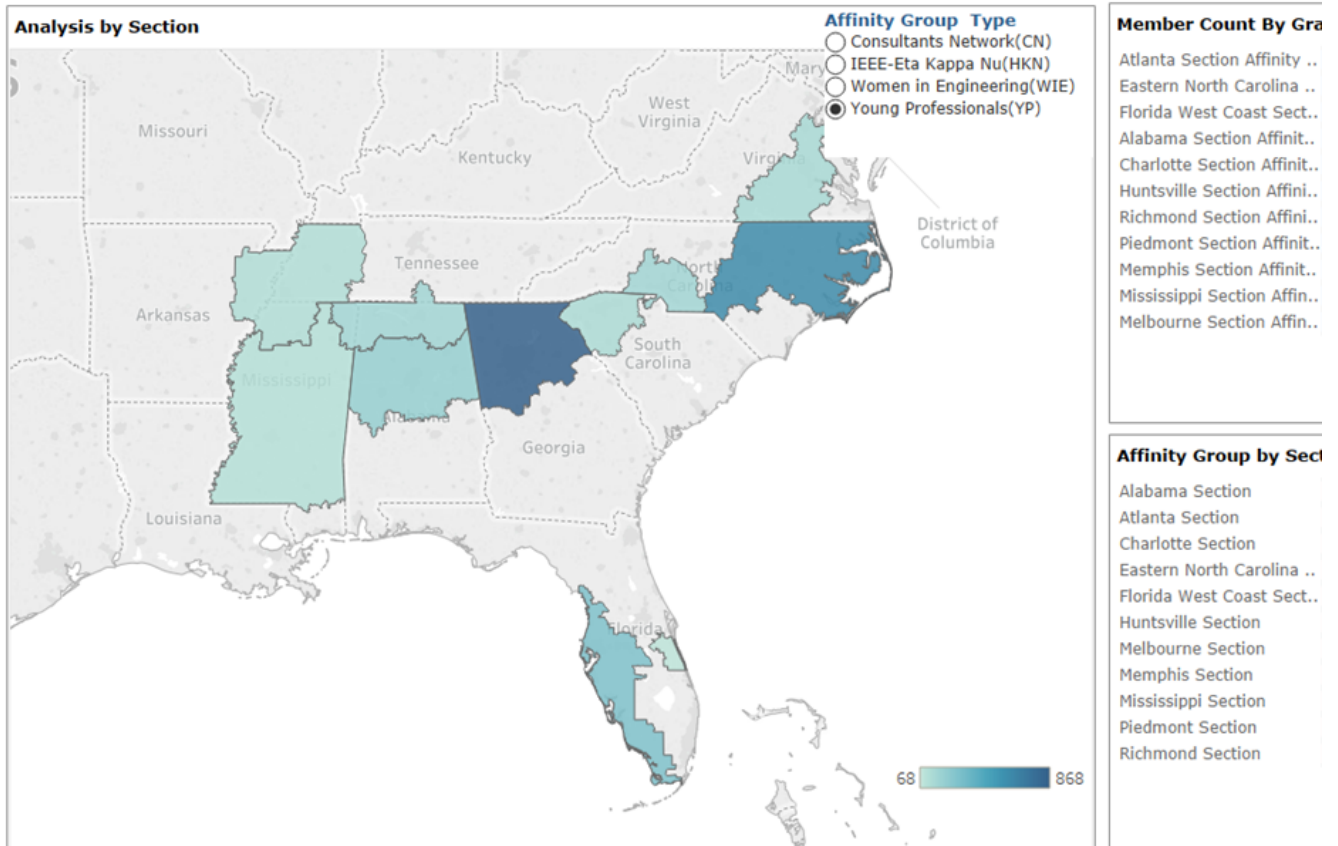


Figure 1. The existing Young Professional Affinity Groups of IEEE Region 3 are shaded in Cyan.

opportunities for Region 3 Young Professionals to attend two Global IEEE Professional development and Leadership Conferences, [IEEE USA-EVO](#) and [IEEE Rising Stars](#).

- Get involved in the larger IEEE movement – Your activities at the local level will help sharpen your soft skills and give you a platform to reach other IEEE platforms such as societies and Region. All these Units are always on the lookout for proven, highly capable, passionate young professionals for leadership positions.

- Widen and strengthen your professional networks, develop your careers, all while having a lot of fun!

### Region Young Professionals Activities

The Region 3 Young Professionals strategic plan shared [in this link](#) has identified five pillars for

success (this is a live document and all comments are welcome). Based on our strategic plan we have developed programs to provide new region direct benefits to our members. Note that even if you do not have a Young Professionals Affinity Group in your section, you can still participate in the below Region direct initiatives.

### IEEE Region 3 Directors Forum

The next Region 3 direct event for Young Professionals is a leadership forum in WebEx that will feature the below IEEE stars.

- IEEE Region 3 Director – Jill Gostin
- IEEE Region 3 Director-Elect - Theresa Brunasso
- IEEE President-Elect – Susan Kathy Land

Table 2. Ongoing Region direct initiatives

Initiative	Region 3 YP Team Leader	Section
Webinars	Hasala Dharmawardena	Piedmont Section
SoutheastCon 2020 activities	Patrick Campbell	Eastern North Carolina Section
Mentoring	Tamseel Mahmood Syed and Adedoyin Inaolaji	Atlanta Section and Miami Section
Awards	Chirath Pathiravasam	Piedmont Section
Website and Social Media	Vacant	NA

In this WebEx event you will get to **connect via voice** and ask questions, share your feedback, and discuss your ideas with the IEEE leadership.

When: **Wednesday, January 29 2020**

Time: 7.00-8.15 pm EST (GMT-5)

How: Meeting link shared via an IEEE eNotice with you on January 21

### Call for Volunteers

The IEEE Region 3 YP team is only a few months old and we are looking for volunteers to help with the existing region direct programs, to create new ones and to support the Section YP AGs. If you are interested in volunteering for the Region 3 Young Professionals Committee, please reach out.

### Our Public Channels

We encourage you to **subscribe** to our public channels to keep updated about our activities.

- IEEE R3 YP [YouTube Channel](#)
- IEEE R3 YP [LinkedIn Page](#)
- IEEE R3 YP [Facebook Page](#)



Figure 2. IEEE Region 3 Volunteer Leaders at Rising Stars 2020 with IEEE President-Elect Kathy Land

### Region 3 Young Professional Leadership Network

Region 3 YP leaders and volunteers are invited to [subscribe to the R3 YP Network \(Email list\)](#). It is maintained by the Region 3 Young Professionals Committee and used to share important information with the volunteer leaders.

### Making a new YP Affinity Group

You only need **6 members** to make an Affinity Group and it is an efficient process that is completely online. If you plan to submit a petition, you can access it in [this link](#).

### Speed away to Success with IEEE Young Professionals

I believe that in our professional journey, volunteering for IEEE is the speedboat that can drive you towards excellence and a larger paycheck! Take advantage of this opportunity available to you as part of your IEEE membership benefits.

Have any feedback for us? Share your thoughts by using this [Survey](#). Have any questions or need support? Contact us at [ieee-r3-yp@ieee.org](mailto:ieee-r3-yp@ieee.org)

Submitted by,

Hasala Dharmawardena

IEEE Region 3 Young Professionals Coordinator

<https://www.linkedin.com/in/hasalaid/ieee-r3-yp@ieee.org>

---

## *IEEE Region 3 Executive Committee – 2020*

Director  
*Jill Gostin*

Treasurer  
*John Balsam*  
Area 1 Virginia  
*Steve Kemp*

Area 4 Florida Council  
*Election—Claude Pitts*  
Area 7 South Carolina Council  
*Lee Stogner*

Director Elect  
*Theresa Brunasso*

Past Director  
*Gregg Vaughn*  
Area 2 North Carolina Council  
*Charles Lord*  
Area 5 Tennessee Council  
*Justin Baba apptd Pro Tem for 2020*  
Area 8 Kentucky & Indiana  
*Don Hill*

Secretary  
*Pat Donohoe*

Area 3 Georgia  
*Jenny Palmer*  
Area 6 Alabama/Mississippi  
*Danny Merkl*  
Area 9 Jamaica  
*Damith Wickramamayake*

### **Awards and Recognition Committee**

Awards and Recognition Chair  
*Kristin Bing*  
Section Representative 1  
*Damith Wickramamayake*  
Section Representative 4  
*Danny Merkl*

Vice Chair  
*Nelson Lourenco*  
Section Representative 2  
*Don Hill*  
Section Representative 5  
*Chirat Pathiravasam*

Prof Activities Representative  
*Jacquelyn Cunningham*  
Section Representative 3  
*Grayson Randall*

### **Members Activities (MGA-SCSC-ECCS)**

Members Activities (MGA-SCSC-ECCS)  
Chair  
*Sonya Dillard*  
Information Coordinator  
*Ebonee Walker*

Newsletter Editor  
*Bill LaBelle*  
*Evelyn Licon (Assistant)*  
Fellows Coordinator  
*Hulya Kirkici*

Webmaster  
*Lucas Sweet*  
Member Recruitment & Retention  
*Sonya Dillard (Interim)*

### **Conference Committee**

Conference Committee Chair  
*Eric Grigorian*  
Director  
*Jill Gostin*  
Conference Operations Specialist  
*Charles Lord*  
SoutheastCon2019  
*Glenn Parker*

Conference Committee Vice Chair  
*Glenn Parker*  
Past Conference Committee Chair  
*Sean Haynes*  
Treasurer  
*John Balsam*  
SoutheastCon2020  
*Parag Upadhyay*

Director Elect  
*Theresa Brunasso*  
Regional Student Activities Chair  
*Victor Basantes*  
Former Region Director  
*Jim Conrad*  
SoutheastCon2021  
*Wyman Williams*

### **Financial (FINCOM)**

Finance (FINCOM) Committee Chair  
*John Balsam*  
Conference Committee Chair  
*Eric Grigorian*

Director  
*Jill Gostin*  
Past Director  
*Gregg Vaughn*

Director Elect  
*Theresa Brunasso*

### **Section Support**

Section Support Chair  
*William Marshall*  
Women in Engineering Liaison  
*Amanda Sahlstrom*  
Section Operations Specialist  
*Mark Torres*

Life Member Coordinator  
*Thomas Bellarmine*  
Senior Member Elevation  
*Sharlene Brown*  
Project Coordinator  
*Grayson Randall*

Young Professional Coordinator  
*Hasala Dharmawardena*  
Section Operations Specialist  
*Charles Lord*  
Member Recruitment Specialist  
*Sonya Dillard*

---

*IEEE Region 3 Executive Committee – 2018 (cont.)*

**Nominations and Appointments**

Nominations & Appointments Chair  
*Gregg Vaughn*  
Young Professional  
*Hasala Dharmawardena*

**Nominations and Appointments**

Past-Director  
*Jim Conrad*

Past-Director  
*David Green*

**Operational Audit**

Operational Audit Chair  
*William Harrison*  
Committee Member 3  
*Steve Kemp*

**Operational Audit**

Committee Member 1  
*William Marshall*  
Committee Member 4  
*Bill Ratcliff*

Committee Member 2  
*Damith Wickramamayake*

**Professional Activities (USA-PACE)**

Professional Activities (USA-PACE)  
Chair  
*Jacquelyn Cunningham*  
Student Professional Awareness  
Coordinator  
*Bailey Ulferts*

Employment & Career Services (USA-  
ECSC)  
*Nelson Lourenco*

Government Activities Coordinator  
(USA-GAC)  
*Lee Stogner*

**Strategic Operations & Support**

Strategic Operations & Support Chair  
*Dave Green*  
Director (non-voting)  
*Jill Gostin*  
Treasurer (non-voting)  
*John Balsam*

SOSC Vice-Chair  
*William Ratcliff*  
Director-Elect (non-voting)  
*Theresa Brunasso*

OAC Chair  
*William Harrison*  
Secretary (non-voting)  
*Pat Donohoe*

**Student Activities**

Student Activities Chair  
*Victor Basantes*  
Student Representative  
*Subodha Charles*

Student Activities Vice-Chair  
*Rachel Wilson*  
Student Activities Liaison to PAC  
*Bailey Ulferts*

Student Activities Past-Chair  
*Pat Donohoe*

**Other**

Humanitarian Activities Committee  
*Tamseel Syed*

To contact any of the above members, please go to this website  
<http://ewh.ieee.org/reg/3/comp.html>

Other Region 3 Address:

R3 Web Site: <http://ewh.ieee.org/reg/3>

Facebook: Search for “IEEE Region 3”

Blog: <http://ieeer3.blogspot.com>

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>

(all meetings in Region 3 in vTools)

R3 Online Community: <https://region3.oc.ieee.org> (uses IEEE Credentials)

## 2020 Region 3 Strategic Plan

**Theme** Making New Connections

**Objective Statement** Increase membership and improve engagement through Making New Connections via new events and improved communications.

- Goals**
1. Increase members who are engaged in any aspect of IEEE
  2. Ensure quality actionable data is provided to Region OUs
  3. Encourage and enable Region OUs to provide more engagement opportunities for their members
  4. Assist the Sections in focused improvement
  5. Strengthen R3 communications capability and usage
  6. Support SoutheastCon
  7. Ensure Policies and Processes are documented, findable and useable

# SoutheastCon 2020 Raleigh, North Carolina

500 Fayetteville Street  
Raleigh, North Carolina 27601

THURSDAY, March 12TH, 2020 THROUGH SUNDAY, March 15TH, 2020

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.