IEEE Region 3

A New year

I wish you all a happy new year. I want to thank Jill Gostin for her leadership during these past two very challenging years. I don't think anyone could have done a better job. I consider her a role model, mentor and a friend, and I'm glad to have her guidance as I assume the Director role. I am also very fortunate to have a strong team of leaders to help me succeed in the coming years.

As you all know, the start of 2022 comes with the challenge of a spike in Covid infections across the country. In the midst of this spike, it's easy to forget that it will come to an end. In fact, the data from South Africa show that number of cases decreases as fast they increased. This is consistent with the trend we see in the US with a two-month cycle for each surge. Modeling done by the Institute for Health Metrics and Evaluation (IHME) shows the wave of infections may have crested – and hospitalizations and deaths should follow. As a result, we plan to go forward with a face-to-face meeting at the end of March in Mobile, Alabama for SoutheastCon 2022. I want to thank the SoutheastCon 2022 team, led by Warren Nicholson, for their hard work to make the event a success. I hope to see you there!

Stay warm, stay healthy, and as always, thanks for all you do for IEEE.

Respectfully submitted,
Theresa Brunasso
IEEE R3 Director

Theresa Brunasso,
Director, Region 3

Past Director Update … and Seeking Potential Director-Elect Candidates, 2024-2025

Jill Gostin [jgostin@ieee.org]
IEEE R3 Past Director, Nominations & Appointments Chair

My role as Director ended on 31 December 2021, and I am looking forward to my new role of Past Director under the leadership of Director Theresa Brunasso! At our Strategic Planning meeting in December, I was happy to turn over the Region 3 gavel to Director Brunasso. She has great plans for the Region, and has put in place a good team of volunteers to support her plans.

As the Past Director, I will also be stepping into the role of Chair of the Region 3 Nominations and Appointments Committee. I am also serving as the IEEE VP-Elect, MGA in 2022 and will be the IEEE VP, MGA in 2023. The hard work of our Region volunteers during 2020 and 2021 inspired me to continue to expand my service to IEEE!

The first job of the N&A Committee will be to begin identifying and recruiting potential candidates for the Director-Elect election slate in 2024-2025. Yes, this process starts early! In this newsletter you will find a Call for Nomination, so please be thinking about who you would recommend (including yourself), and send me your nominations!. If you have questions about the role, please let me know.! In fact, if you have an interest in serving in a higher role within IEEE, please reach out to me and let me know what type of role you are interested in.

Region 3 Awards and Recognitions Update

Nelson Lourenco, nelson.lourenco@ieee.org
Chair, IEEE R3 Awards and Recognition

It is an honor again to serve as Region 3's new Awards and Recognition Chair. I will strive to bring recognition to our members for their outstanding service, community outreach, and technical achievements. We have some exciting changes planned for this year, with the goal of streamlining the awards nomination process and facilitate nominations that recognize the great work taking place across Region 3. Stay tuned for more updates.

There are many opportunities for awards within IEEE, and I am happy to be a resource for our membership in this area. Nomination deadlines for several major IEEE awards are provided below. As Chair, my goals are to help all of you 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 nelson.lourenco@.ieee.org.

Upcoming IEEE Award Events and Deadlines:

- **SoutheastCon 2022**: Mobile, Alabama (31 March – 3 April 2022)
  ttps://ieeesoutheastcon.org/
- **Education Activities Board Awards**: nomination deadlines are TBD May 2021
  https://www.ieee.org/education/awards/index.html]
- **Member and Geographic Activities (MGA) Awards**: deadlines are 15 May (Section), and 15 October 2022
  https://mga.ieee.org/awards
- **IEEE Awards**: Recognitions and Medals deadline 15 June 2022
  http://www.ieee.org/about/awards/index.html

Region 3 Awards and Recognitions 2021

Nelson Lourenco, nelson.lourenco@ieee.org
Chair, IEEE R3 Awards and Recognition

Region 3 held its annual Awards Ceremony virtually on 13 March 2021, in conjunction with SoutheastCon's Hardware Competition. In addition to recognizing 2021 Region 3 award winners, we also recognized last year's award winners due to the impact of the COVID-19 pandemic. It was a great night and we are looking forward to hosting an in-person event at SoutheastCon 2022 in Mobile, AL. All plaques have been sent directly to the award winners or Section Chairs (for chapter awards).

See below for a list of our 2021 Region 3 award winners, MOVE volunteers, and Region 3 winners of IEEE institute-level awards.

The Region 3 award winners are:

Joseph M. Biedenbach Outstanding Engineering Educator Award

Dr. Huihui Helen Wang; for outstanding student leadership and service at Jacksonville University, culminating in the successful transition to a four year engineering program

Outstanding Engineer Award

Dr. Sherali Zeadally; for pioneering contributions in cybersecurity and privacy solutions, architectures, and protocols
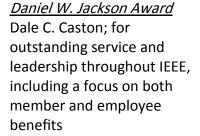
Young Professional Award

Tamseel Mahmood Syed; for outstanding service and sustained dedication to furthering the goals of Region 3 Young Professionals

Daniel W. Jackson Award

William B. Harrison; for outstanding service and leadership throughout IEEE, including a focus on improving Industrial and Corporate relations

Daniel W. Jackson Award

Dale C. Caston; for outstanding service and leadership throughout IEEE, including a focus on both member and employee benefits

Director's Choice Awards

Charles J. Lord, PE; for rapidly conquering the multitude of challenges from the COVID-19 pandemic, and transitioning IEEE Region 3 SoutheastCon 2020 to a successful virtual conference

Region 3 Senior Membership Development Awards

Strongest Performance: East Tennessee Section for reporting elevations of over 3% of its members

Most Improved: Melbourne Section for reporting 13 elevations during 2020, up from 7 elevations the previous year

Region 3 Senior Membership Challenge Certificates

Top Three Individuals: Allen Jones, George Kemp, Robert Featheringham

Top Three Sections: Richmond, Eastern North Carolina, Melbourne

Region 3 James Beall SoutheastCon Recognition

Wyman L. Williams, PhD; in grateful appreciation of his dedication and service as General Chair of SoutheastCon 202

At this time, we would also like to recognize those volunteers who have supported MOVE - the IEEE-USA and Region 3 Community Outreach Initiative in 2020. Special thanks to **Barry Porter**, Regional CEO, American Red Cross, for his continued support of this project.

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

MOVE Contributors 2020			
Rich Allen	Jay Diepenbrock	Alan Kaplan	Mary Ellen Randall
Matt Allen	Sonya Dillard	Steve Kemp	Michael Randall
Marc Apter	Christian Figueroa	William Kline	Lorena Ramos
Loretta Arellano	Dan Fuccella	Kathy Land	Alberto Sánchez
Justin Baba	Tim Forrest	Mari Lee	Alvin Schultz
John Balsam	James Gardner	Joe Lillie	Andy Seely
Thomas Bellarmine	Kwasi Gibson	Deepak Mathur	David Sewell
Loderay Bracero	Paul Goodson	Daniel Merkl	Butch Shadwell
Alan M. Brown	Jill Gostin	Mogdiel Mojica	Eric Sheier
Sharlene Brown	David Green	TC Moore	Sara Spencer
Gary Bulman	Brian Greene	Luis A. Tatis Morales	Rick Steeves
Audie (AJ) Burke	Satchit Hegde	Firasath Nabi	Abigail Teron
Jenifer Castillo	Greg Hill	Akinori Nishihara	Carlton Tolsdorf Jr
Michael Cardinale	Ted Hissey	Ken Pigg	Mark Torres
Francisco Carrero	Alexis Hopkins	Austin Piwko	Andrea Valenzuela
Hector Colon	Kim Hopkins	Martha Pizarro	Gregg Vaughn
Jim Conrad	Stephen Hopkins	Bill Ratcliff	Hasena Williams
William Craig	David Iams	Rodney Radford	David C. Wright
Daniel Czuhai	Hassaan Idrees	Grayson Randall	

Several Region 3 members earned other IEEE awards in the past year, including:

IEEE Institute Level Awards
IEEE Jack S. Kilby Signal Processing Medal
Emmanuel Candès, Terence Tao, and **Justin Romberg (FIEEE)**
"For groundbreaking contributions to compressed sensing."

IEEE James H. Mulligan, Jr. Education Medal
John D. Cressler (FIEEE)
"For inspirational teaching and mentoring of undergraduate and graduate students."

this prestigious grade elevation. These are the Region 3 members who were recently appointed to fellow:

As you can see, there are many opportunities for awards within IEEE. 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. If you ever need assistance with a nomination, please feel free to contact me at nelson.lourenco@ieee.org.

Class of 2021, Region 3 Members Elevated to Fellow		
Alessandro Orso	David Matalak	Prabhat Mishra
Ayanna Howard	Ismail Guvenc	Yongpei Guan
Wenke Lee	Ning Lu	Michael Griffin
Ahmed Ali	Dennis Killinger	Ganesh Venayagamoorthy
Benton Calhoun	Paul Sanberg	Milos Manic
Sebastian Elbaum	My Thai	Kirk Cameron

On the MOVE
Mary Ellen Randall [merandall@ieee.org]

A second MOVE truck has been added to our program thanks to a CISCO donation in August. Our plan is to locate this 2nd truck (called MOVE-2) to support the western United States. We are working with the Region 6 leadership to form a team to support the care of the 2nd truck when transferred.

In 2021, MOVE responded to 4 separate disasters/ 6 deployments this season. Mobile Outreach using Volunteer Engagement (MOVE) has deployed to support the disaster in Brunswick County, NC in February, the floods in Tennessee in August, to Louisiana in support of Ida and Nicholas three times (once with MOVE-2) and recently to Kentucky to support the hurricanes in the area.

The MOVE teams are still looking for volunteers to support both trucks at both locations (east and west). If you are interested in volunteering in any of the teams below, please fill out the below survey https://forms.gle/4YZz31xmC9gtPUfJ7

Available positions are:

• Radio Team supporting all radios on the truck

• Radio Club is a new "team" that will support disaster communications by amateur radio operators

• Maintenance team spends many hours keeping the truck in top condition and always ready for deployment

• Network team supports all the digital communications and digital devices on the truck

• Weather team is key to tracking storms and providing deployed teams with the latest updates

• Training team provides education for drivers, disaster deployment teams, and Stem/Outreach teams

• STEM/Outreach team supports our student/ public education mission

• Disaster Deployment team supports deployments into disaster areas

• Communication Team updates our followers with the latest MOVE information

• Leadership team provides project management for the MOVE Program

MOVE is supported by donations and with a second truck, your donations are needed more than ever. Please consider a donation today to assist your fellow IEEE Volunteers as they respond to those in need. Visit http://bit.ly/DONATION-MOVE .

Join the MOVEment today!!!

Region 3 Fellows
Hulya Kirkici, hkirkici@southalabama.edu
IEEE Region 3 Fellows Coordinator

The Fellows Coordinator is a member of the The Member Communication Committee (MCC) that support and facilitate the effective, seamless and interactive sharing of information and knowledge with members of Region 3 and others. As part of this committee, The Fellows Coordinator shall encourage members to seek the membership level of Fellow. There are two webinars related to fellow nominations process each year, in addition to the responding all questions and comments from individuals seeking nomination for Fellow membership elevation throughout the year.

Hulya Kirkici, Fellow-IEEE, Region 3 Fellows Coordinator

IEEE Charlotte Section Young Professionals Program

Binesh Kumar [binesh.kumar@ieee.org]
Chair, IEEE Charlotte Section Young Professionals

Charlotte, the Queen city in IEEE Region 3 is one of the fastest growing cities in the U.S and is quickly becoming a hotspot for tech companies with a strong and young workforce. The city has a tremendous opportunity for IEEE Young Professionals to gain a foothold in the technical community. With the previous YP chair moving out of the city followed by a global pandemic, the affinity group had been dormant for quite some time. While serving as the webmaster for Region 3, I realized that it was time for me to take up the initiative of revitalizing the affinity group. After a period of planning, with the help and support from fellow R3 leaders including Hasala Dharmawardena and Jill Gostin, it was time to spring into action without waiting for the ideal circumstances.

On December 28th 2021, we kicked off the IEEE Charlotte Section's Young Professionals Affinity Group with a vibrant group of volunteers who shared similar interests and intentions. We had great discussions around how to revitalize the group, with Dr.James Conrad (past president of IEEE-USA) sharing insights and ideas from his experience as a distinguished leader of IEEE.

Since we had a blank slate in front of us, there was ground up work to do before going full force into organizing events. This included setting up the communication infrastructure, along with social media accounts to ensure our events had the right exposure to reach professionals outside our network. This had to be carefully thought out as it was crucial to set the right platforms up-front that are scalable. With these in mind, we created a linkedin page and

planned to leverage the existing meetup account to promote our events, and use IEEE Collabratec and listserv to collaborate amongst the core volunteers.

With the new year right around the corner, we had set affinity group goals for the upcoming year, ones that each of us is committed to. The consensus was that the key to the success of this initiative is consistency - including the affinity group's operation, frequency of the events and the overall benefit to the members throughout the year.

This affinity group would benefit not only the Charlotte metro but also the at-large IEEE YP community, particularly the region 3 area as there would be numerous opportunities for collaboration, sharing network and knowledge. There are ways you can help out if you are part of the IEEE family such as promoting our events, reaching out for collaborations, referring your friends and colleagues in the Charlotte area to join the affinity group. If you need more information about this initiative, please email me at binesh.kumar@ieee.org. Don't forget to follow the group activities on linkedin: https://www.linkedin.com/company/ieee-young-professionals-charlotte-section. We at the IEEE Charlotte section YP affinity group are determined to bring the technical community of Charlotte one step closer, benefit the Young Professionals community and advance technology

IEEE WIE and its Importance from the IEEE Miami Section WIE AG's Perspective

Nanzin Akter [nakte001@fiu.edu]

IEEE Women in Engineering (WIE) is a leading professional organization dedicated to supporting women engineers and scientists worldwide. A woman is a broad term, and it refers to the people who identify themself as women or nonbinary, including cisgender women, trans women, intersex people, and nonbinary/third gender such as bi-gender, agender, gender-fluid, and gender-nonconforming people. WIE has almost 12,200 female members as of March 2021, more than 5,900 male members, and 2,800 people who didn't specify their gender in their IEEE membership profile. According to IEEE membership figures, as of March 2021, there are over 238,340 men and over 39,400 women. A total of 35,100 people have not indicated their gender. IEEE WIE's mission is to encourage girls throughout the world to pursue engineering careers based on their academic interests and maintain the retention of women in the STEM field by providing required assistance and support. IEEE Women in Engineering (WIE) members can form Affinity Groups to network locally. Activities coordination, mentoring and serving as an officer are available options. WIE has around 960 affinity groups spread across 100 countries. It also has ambassadors at every level of the IEEE hierarchy.

Miami section WIE Affinity Group is also following the footstep of the mother IEEE WIE by promoting its moto. Currently, we have only 16 members in our Miami Section WIE and 118 members in our Miami Section YP. Naznin Akter, Chair of the IEEE Young Professionals (YP) AG and the IEEE WIE AG for the Miami Section are doing everything she can to address the lower membership issues, find a solution, and focus on addressing them. During the pandemic in 2021, her leadership assists us in organizing several successful and exciting events, including entrepreneurship, industry experts talk events, virtual social events, panel discussions, workshops on mental health, discussion and guidance sessions on volunteering and leadership, collaboration with other sister WIE affinity groups, and so on. Our goal for the year 2022 is to grow the number of members while also preparing different events. We also want to focus on supporting a diverse range of speakers, which we feel will contribute to IEEE's goal of creating an open, inclusive, and bias-free collaborative environment by resulting in more innovative, engaging, and representative panels. We also want to make sure that IEEE WIE and IEEE as a whole continue to have strength, reach, and vitality for future generations. This year, we are emphasizing the quality of our event instead of the quantity. We expect our attendees to take away something meaningful to implement in their daily lives and careers. We are actively recruiting volunteers for officer positions to achieve our aim. If anyone is interested, they can reach out to the IEEE WIE and YP Miami Section AG chair Naznin Akter (naznin@ieee.org). We hope to bring on a successful event this year to encourage women and girls throughout their undergraduate, graduate, and young professional years to retain their IEEE membership and stay in STEM professions.

Please do follow our social media channel to get the update of our events:

IEEE WIE Miami Section AG:

Instagram:https://www.instagram.com/ieeewie3miami/

IEEE YP Miami Section AG:

Linkedin: https://www.linkedin.com/company/yp-miami/

Facebook: https://www.facebook.com/ieeeyp3miami/

Instagram: https://www.instagram.com/ieeeyp3miami/

IEEE Region 3 Executive Committee – 2022

Director	Director Elect	Secretary
Theresa Brunasso	*Eric Gergorian*	*Pat Donohoe*
Treasurer	Past Director	
Joe Pennisi	*Jill Gostin*	
Area 1 North Carolina & Virginia	Area 2 Georgia & South Carolina	Area 3 Florida
James Imanian	*Wyman Williams*	*Raul Ortega*
Area 4 Kentucky & Tennessee	Area 5 Mississippi, Alabama, & Jamaica	
Paul Kuban	*Patrick Kung*	

Awards and Recognition Committee

Awards and Recognition Chair	Vice Chair	Prof Activities Representative
Nelson Lourenco	*Devone Gale*	*David Fillion*
Section Representative 1	Section Representative 2	Section Representative 3
James Imanian	*Wyman Williams*	*Raul Ortega*
Section Representative 4	Section Representative 5	
Paul Kuban	*Patrick Kung*	

Members Communications

Members Communications Chair	Member Recruitment & Retention Coord.	Newsletter Editor
Sonya Dillard	*Sharlene Brown*	*Bill LaBelle*
		Evelyn Licona (Assistant)
Webmaster	Information Coordinator	Fellows Coordinator
Lucas Sweet	*Ebonee Walker*	*Hulya Kirkici*
Stephen Hopkins (Assistant)		

Conference Committee

Conference Committee Chair	Conference Committee Vice Chair	Director Elect
Eric Ackerman	*Wyman Williams*	*Eric Gregorian*
Past Conference Committee Chair	Regional Student Activities Chair	Conference Operations Specialist
	Bailey Ulferts Heyman	*Charles Lord*
Treasurer	Former Region Director	SoutheastCon2022, Mobile
Joe Pennisi	*Jim Conrad*	*Hulya Kirkici*
SoutheastCon2023, Orlando	SoutheastCon2024, Atlanta	
Joe Juisai	*Alessio Medda*	

Financial (FINCOM)

Finance (FINCOM) Committee Chair	Director	Director Elect
Joe Pennisi	*Theresa Brunasso*	*Eric Gregorian*
Conference Committee Chair	Past Director	Secretary
Eric Ackerman	*Jill Gostin*	*Pat Donohoe*

Section Support

Section Support Chair	Life Member Coordinator	Young Professional Coordinator
Kristin Bing	*Claud Pitts*	*Eric Cramer*
Women in Engineering Coordinator	Senior Member Elevation Coordinator	Section Operations Specialist
Evelyn Licona	*Andrew Seely*	*Charles Lord*
Section Operations Specialist	Project Coordinator	Technical Activities Coordinator
Mark Torres	*Allen Jones*	*Tamseel Syed*

IEEE Region 3 Executive Committee – 2022 (cont.)

Nominations and Appointments

Nominations & Appointments Chair	Past-Director	Past-Director
Jill Gostin	*Jim Conrad*	*Gregg Vaughn*
Young Professional		
Eric Cramer		

Operational Audit

Operational Audit Chair	Committee Member 1	Committee Member 2
Bill Ratcliffe	*William Harrison*	*Damith Wickramamayake*
Committee Member 3	Committee Member 4	
Steve Kemp	*Don Wright*	

Professional Activities

Professional Activities Chair	Past PAC Chair	Employment & Career Services (USA -ECSC)
David Fillion	*Jacquelyn Cunningham*	*Nelson Lourenco*
Government Activities Coordinator (USA-GAC)	Student Professional Awareness Coordinator	
Lee Stogner	*Bailey Ulferts Heyman*	

Strategic Operations & Support

Strategic Operations & Support Chair	SOSC Vice-Chair	OAC Chair
Dave Green	*Jill Gostin*	*Bill Ratcliff*
Director (non-voting)	Director-Elect (non-voting)	Secretary (non-voting)
Theresa Brunasso	*Eric Gregorian*	*Pat Donohoe*
Treasurer (non-voting)		
Joe Pennisi		

Student Activities

Student Activities Chair	Student Activities Vice-Chair	Student Activities Past-Chair
Bailey Ulferts Heyman	*Chase Battaglio*	*Pat Donohoe*
Student Representative	Student Activities Liaison to PAC	
Jiayi Lin	*Bailey Ulferts Heyman*	

Other

Humanitarian Activities Committee	Regional Vitality Coordinator	Admission and Advancement Committee
Tamseel Syed	*Eric Gregorian*	*Sharlene Brown*
Education Activities Rep to EAB	Strategic Planning Rep	A&A Rep
Damith Wickramamayake	*Dave Green*	*Maxine Cohen*

Call for nominations
2024-2025 IEEE Region 3 Delegate-Elect /
Director-Elect
Jill Gostin [jgostin@ieee.org]

Volunteers are needed with the necessary leadership, experience, and skills to impact the future success of the IEEE.

The IEEE Region 3 Nominations and Appointments (N&A) Committee is seeking nominees for the position of **2024-2025 IEEE Region 3 Delegate-Elect/ Director-Elect**. This is a six-year commitment, including a two-year term as Delegate-Elect/Director-Elect, a two-year term as Delegate/Director, and a two-year term as past-Delegate/Director. The primary duties of the Region Delegate/Director are to run Region 3 and interface with the Sections in the Southeast US Region. The Region Delegate/Director also serves as a Delegate to the IEEE Assembly and as a member of the IEEE Board of Directors, IEEE Member and Geographic Activities Board, and the IEEE-USA Board.

WHO CAN NOMINATE?

Anyone can submit a nomination; nominators need not be IEEE members, but nominees must meet certain qualifications as noted under member qualifications below. Self-nominations are encouraged. An IEEE organizational unit, such as a Section, may submit recommendations.

HOW TO NOMINATE:

To nominate a person for a position, send an email to Jill Gostin jgostin@ieee.org, Chair of the N&A Committee. For information about the position, including additional responsibilities and estimates of the time required during the term of office, see the Region 3 Director description at <https://www.ieee.org/content/dam/ieee-org/ieee/web/org/about/ position_region_delegate_director.pdf> and the IEEE Board of Directors member description at <https://www.ieee.org/content/dam/ieee-org/ieee/ web/org/about/position_bodmember_generic.pdf>.

DEADLINE FOR NOMINATIONS:

31 March 2022

ELIGIBILITY:

Must be a member in good standing, of IEEE Senior member grade or higher.

PROCESS:

Call for Nominations (Open now, ends 31 March 2022)
Confirm eligibility of nominations (April 2022)
Deliberation by Region 3 N&A (May/June 2022)
Proposal of a slate to Region 3 ExCom (July 2022)
Approval of slate by Region 3 Committee (August 2022)
IEEE Election Process including an opportunity for petition candidates (begins February - March 2023)
IEEE Election (begins August 2023)

SoutheastCon is the annual IEEE Region 3 conference that promotes all aspects of theory and applications of electrical and computer engineering. Sponsored by IEEE Region 3, this event will attract researchers, industry professionals, and students from across the globe and especially from the southeastern U.S. The conference will feature Tutorial Sessions and Workshops along with the Technical Program.

For 2022, our conference will be held as a HYBRID conference to be held in Mobile Alabama on March 31 – April 2. Authors will have a choice of submitting for the in-person conference sessions or virtual on-line conference to be held March 26-27, 2022.

We would like to invite you to submit a paper to this conference. Please visit https://ieeesoutheastcon.org/ for details on the conference.

The PDF call for papers may be found and downloaded at https://ieeesoutheastcon.org/ wp-content/uploads/sites/309/IEEESoutheastCon2022-CFP_Final_082021.pdf

Thank You, The Conference Chairs.

To contact any of the above members, please go to this website
https://r3.ieee.org/about/#1587483863309-20f649fe-ca1d

Other Region 3 Address:
R3 Web Site: https://r3.ieee.org/
Facebook: Search for "IEEE Region 3"
Twitter: https://twitter.com/r3ieee
Instagram: https://www.instagram.com/r3ieee/?hl=en