

IEEE Baltimore Section 2022 Officer Nominees

IEEE Baltimore Section Members:

Officer election for Baltimore Section Executive Committee Officers for 2022 is planned to occur in November. Candidates are:

Chair: Dilip Chakravarty
Vice Chair: Syed Ahmad
Nancy Landreville
Treasurer: John A. Orlando
Secretary: Don Herres

Voting will take place via web with voting instructions provided at a later date. Ballots are expected to be available around 1 November and remain available through 12 December.

Following are brief biographies from each of the nominees. Thank you for your support of IEEE and Baltimore Section.

Best regards,
David Kisak
Chair, Officer Nominations

Dilip Chakravarty

Nominated Position – IEEE Baltimore Section Chair

Biography:

I am seeking election as Chair for the Baltimore Section of the IEEE. I have been a member of the IEEE for 12 years.

My education background is a B.S.M.E 1973, The Indian Institute of Technology, Kanpur, India and M.S. 2003, Computer Systems Management, University of Maryland University College (now named University of Maryland Global Campus).

Professionally, I am a Principal Mechanical Engineer at the Naval Nuclear Laboratories currently being managed by Fluor Marine Propulsion Corporation under contract with the Department of Energy, for the development and support of nuclear submarines and aircraft carriers of the US Navy.

Prior to my current job, I have worked at:

1. Raytheon Technologies for the US DoD Missile program.
2. Pratt & Whitney for the development of gas turbines for military aircraft
3. General Dynamics Corporation for the Arleigh Burke destroyers.
4. Rochester Gas & Electric Corporation for their Nuclear Power Plant
5. I also was an adjunct professor of Mathematics at the Southern Maine Community College

I have held the following volunteer positions at IEEE:

Chapter Chair, C16/COM19

Maine Section Chapter, C16/COM19

Jan 2009 - Dec 2009

Chapter Vice Chair

Washington/Northern Virginia Jt Chapter, RA24

Feb 2018 - Jan 2020

Chapter Vice Chair

New Hampshire Section, RA24

Jan 2013 - Dec 2014

Member-At-Large

New Hampshire Section

Jan 2013 - Dec 2013

Treasurer

Maine Section

Jan 2010 - Dec 2011

As the Computer Society Chair and Co-Chair in Maine, I was instrumental in organizing a series of seminars/lectures by industry experts. I was also instrumental in organizing the IEEE Industry Day for the Northeast Region in August 2011. This Industry Day brought together stakeholders, experts, business persons and a whole range of participants to chart a course for the growth of IEEE in the region.

Position Statement

The IEEE is an important organization for the development and growth of currently performing professional engineers and scientists; it is also a role-model for encouraging students to consider careers in engineering and science. It is important that the IEEE remains committed to its educational obligation in order to increase the number of engineering professionals available in order to solve today's evolving technical problems with efficiency and accuracy. Through activities such as the annual Robot Challenge, and others that can be developed by the Baltimore Section via consensus, I hope to continue and advance IEEE's role in introducing and encouraging high school students to careers in engineering. I will leverage my professorial educational experience towards this end.

Additionally, I have been thinking about areas where IEEE Baltimore section can work towards the needs of improving the nation's future by engaging IEEE Baltimore section in the following activities through volunteering and outreach:

Infrastructure

What comes to mind is the Infrastructure plan moving through Congress. I am hopeful of IEEE Baltimore section fitting into this plan.

Electric Transportation

I see this as a subset of Infrastructure plan, and again I am hopeful of IEEE Baltimore section fitting into this plan.

Green Energy

I have been involved with nuclear energy from the start of my career. I am cognizant of the challenges involved. I have worked in both the civilian and the military side. I do believe in their impact on a green energy future. And I am hopeful of IEEE Baltimore section fitting into this plan.

I believe that IEEE Baltimore section can deliver a lot by leveraging its various societies and affinity groups; and also by collaboration within the section and with outside agencies.

Syed Ahmad

Nominated Position - IEEE Baltimore Section Vice-chair

Biography:

I am seeking election as Vice-Chair for the Baltimore Section of IEEE. I am a senior member of IEEE and am also a member of Power & Energy and Power Electronics societies. Currently, I am Chair of IEEE- PELS Baltimore Section. I hold Bachelor of Engineering and Master of Science degrees in the field of electrical engineering. I also hold professional engineer (PE) license in the state of Maryland and Missouri. I work as an electrical engineer at the Federal Energy Regulatory Commission (FERC) which is an independent agency ensures efficient, safe, reliable, and secure energy for consumers. My responsibilities include working with industry on the operations and planning Reliability Standards and audit of industry on the enforcement of those standards. I routinely mentor and supervise the work of other colleagues in the capacity of a subject matter expert. Prior to joining FERC, I worked at Ameren Services in St. Louis, MO where I was involved in performing generation and transmission interconnection studies. I am volunteering for IEEE Robot Challenge and FIRST Tech Challenge (FTC).

Position Statement

I am an IEEE member for the last 30 years and moved to senior member in 2007. IEEE provided me all aspect of professional and technical knowledge specifically keeping update with the technology advancements. As a Vice-Chair of IEEE Baltimore Section, I will focus on serving the IEEE membership, promoting the profession, fostering inclusivity and diversity strive to engage members and arrange local IEEE activities. As my experience demonstrates, I will work earnestly in a consensus-building and team- oriented fashion with the IEEE Baltimore Section.

Nancy Landreville

Nominated Position - IEEE Baltimore Section Vice-chair

Biography:

Dr. Nancy M Landreville is an engineer currently engaged in nuclear physics to develop, design, and deploy APIs that enhance various handheld devices for asset remediation and threat management. As a ten-year member of IEEE as of 2022; interests in supporting various facets of structural mechanics have become an important goal in evaluating innovations that include the use of blockchain algorithms for network security monitoring to protect cryptocurrency as data-in-transit and recently mentored professional students including bank attendees with MIT. She is an innovator and has served as a computer scientist, engineer, developer, and contributor of guidance with NIST and ISOs with IEEE since 2010. She is interested in volunteering to serve with IEEE in further endeavors as a board member. Dr. Nancy M Landreville is a seasoned business owner professional with extensive leadership and managerial expertise in industry, government, military, and the private sector. Her previous business, NML Computer Consulting Company, LLC and Corp., provided cloud subject matter expert consulting advice for the military, government, and private industry. Dr. Landreville accepted a cybersecurity engineer position to assist with accreditation and authorization of a military system. After completing the assessments, a short-term contract was provided to conduct a self-assessment to strengthen security for the Department of Energy (DOE). When the audit was successfully completed; she remained with DOE under a long-term contract with another company to support DOE. She previously served as a consultant to evaluate medical devices and conducted security control assessment of systems which required site visits. Her expertise includes leadership, security management, reference architecture, risk management, vulnerability assessments, security plan development, continuous monitoring evaluations, database design, plus executive management solutions for enterprise implementation as a former CEO/CISO. As a former government employee executive, Dr. Landreville supervised audits of state systems as the federal government officer managing the Region which consisted of five states and their associated systems. She also served as a Management and Program Analyst for the Office of General Counsel and the Office of Inspector General for the Dept. of Veterans Affairs. She is an author, contributor, reviewer, working group member, and former guest speaker for NIST and a working group member for INSA and IEEE in the creation of industry standards that were adopted by federal agencies, military organizations, and state systems. She is retired from the military after a combined active and reserve service spanning many decades with a meritorious service medal, two commendation medals, one achievement medal, Drill Sergeant Badge, and other service honors. She also earned multiple awards from the government for meritorious service and excellence. She achieved a GPA of 4.0, honors for several of her degrees and was inducted in three honor societies for academic excellence which included Delta mu Delta, International Golden Key, and the National Society of Leadership and Success, Sigma Alpha Pi. She completed two doctoral programs which included engineering, decision making, security management and information technology. She studied her first doctorate with honors for Doctor in Management (DM ABD) and completed her second doctorate with a PhD in Applied Management and Decision Science. She also holds a Masters degree in technology management, an honors Masters degree in Business Administration (MBA), a Bachelor of Science in Law and a Bachelor of Science in Information Technology Management plus a Certificate of IT for Project Managers, a Paralegal Certificate

from the University, a Certified Network Defender certification (CND), a Cloud Essentials certification (CE), a Cloud Cybersecurity Architecture certification (CCSA) and various other relevant certifications. She also completed the ranks of Assistant Professor, Associate Professor, and was promoted to a Full Professor several years ago where she has served as an Adjunct, Mentor, Course Developer, Course Chair, Faculty Advisor, Technical Council and Cybersecurity Council Advisor, and researcher in Ethereum blockchain, Multiphysics application design, Network design, Security and Leadership and is currently an ISSA Cyber Executive member at the Chief Information Security Officer level of expertise. She has extensive experience as an author, educator, and academic in addition to her service as a former government executive and military veteran.

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John A. Orlando**Nominated Position – IEEE Baltimore Section Treasurer****Biography:**

I am seeking election as Treasurer for the Baltimore Section of the IEEE. I have been a member of the IEEE for 7 years. I am currently the Social Media Coordinator of the Baltimore Section. My education background is a M.B.A. degree from American University (2021), and a B.S. degree from McDonough School of Business, Georgetown University (2014). Professionally, I am a Systems Analyst for Agio, Inc. In this position I am a member of the information technology team providing support to the private equity industry. I am responsible for support work plan development, tracking and performance monitoring, and weekly reporting. Further, in terms of my prior experience, I participated in the National Science Foundation's Innovation Corps program where I developed commercialization strategy for Internet of Things technology. Prior to that, while a graduate student, I collaborated with FedTech and the National Renewable Energy Lab (NREL) to prepare a lab report for developing a green technologies patent. During this timeframe, I also volunteered with fellow IEEE peers, and we presented on the topic of Cybersecurity for Transactive Energy Systems at the IEEE Green Tech Conference 2021.

Position Statement

The IEEE is an important organization for professional engineers and scientists to develop and grow in industry; it is also a role-model for fostering a culture of continuous learning. It is important that the IEEE remain committed to programs that aim to support these opportunities for a diverse and inclusive community. I look forward to assuming the financial and accounting role and responsibilities of Treasurer and working with the other elected officers to best lead the IEEE and serve the needs of all its members.

Don Herres**Nominated Position – IEEE Baltimore Section Secretary****Biography**

Don Herres is currently IEEE Region 2 South Area Chair, which includes Baltimore, Washington and Northern Virginia Sections, and also is currently the Baltimore Section Secretary. He moved to Ellicott City at the end of 2018 having formerly lived in Mountain Top, PA where he was Lehigh Valley Section Chair from 2016 until August 2018. Prior to that, he lived in the Syracuse area until 2013 where he was Section Chair there in 1992 - 1993 and again in 2010 - 2011 and additionally served in a number of other Section and Chapter offices including a couple of stints as Secretary.

Don is a past member of the IEEE-USA Career Equality Committee, Employment Assistance Committee, Professional Activities Committee, and Employment & Career Services Committee. If you do not recognize all of these, it is because he is adept at moving forward during reorganizations, both at IEEE and professionally.

Don is a Licensed Professional Engineer in MD, NY and PA and earned a BSEE from University of Buffalo and MSEE from Syracuse University. He retired as an electronics design engineer from Marquardt Switches in Cazenovia, NY in 2013 and does contract electronic design work for commercial and industrial products.

Position Statement

The Section exists to be the local contact and support for the members. This is primarily through meetings, workshops, and conferences. The Executive Committee meets to facilitate these by providing indirect Chapter Support (including funds) and also planning Section activities. A key element is to help recharge and develop chapter officers, volunteers and identify potential volunteers.

The Secretary is responsible for keeping minutes, submitting annual Officer Reports, and ensuring meetings are reported to IEEE (necessary for Section and Chapter funding). Beyond this, I help support the members in their activities.