



**CANDIDATE NAME: William S Marshall IV**

## **BIOGRAPHY**

I earned a Bachelor's in EE, a Master's in Statistics, and a PhD in ISyE, all from Georgia Tech. I have been a member of IEEE for 31 years, and recently retired from the Georgia Tech Research Institute (GTRI) after 30 years of full-time service. During that time, I worked in radar-related technologies and systems, sensor integration networks, and cyber security applications. I was fortunate to have a diverse technical education and work in a place where I could transition my career through various technical phases.

I also have actively sought to integrate all of the value centers of my life together by leveraging my technical training and experiences into volunteer opportunities in STEM outreach, working sound production at my place of worship, and long participation in the C.G. Jung Society of Atlanta, through which I worked to integrate the subjective and objective realities of a human life.

## **QUALIFICATIONS**

This qualification statement is far more casual and specific than the rest of the nomination for Director-Elect (DE), given that it won't be on the ballot package and it's directed at this committee. Next, let me say that I hope not to push someone else (i.e., Theresa or Eric) off the ballot by my inclusion. But, if a ballot of only two is required, then so be it. I am responding positively to make a kind of proposal that I believe is coloring outside the lines somewhat, but this is something that I'm ready and eager to take on.

At this point, the position statement is more of declaration of aspiration than a specific execution proposal. I meant to do that. I will presumably know so much more about developing and implementing an execution proposal after being DE for two years than I do now. Thus, I won't try to preview one in this nomination form.

The word limits really truncate what I wish I could say in the nomination. I think we live in a complex and changing world, and we see the world in ways that many of our friends and neighbors. Let me give a simple example, I found myself uttering sentences like "I think my palate is calibrated for Asian food" when talking about what I might have for dinner. Who talks, or even thinks, like that? We bring a kind of objectiveness and rationality to the way we interact with the world, but we have the same need to nurture the personal and the sacred within us that every person does. Somehow, IEEE should take a lead in recognizing that need and finding ways to help us bring our rational gifts forward to meet that common need.

I also believe that there is insufficient recognition of what IEEE is already doing through all of its existing activities. We need to do a better job of sharing our awareness of those things with the membership. To talk about lower dues, or more efficient processes, or bloat is easy rhetoric and worthwhile to maintain as continual goals; but in a way that misses the point. People (not just millennials, but especially millennials) want to know things like 'how would my membership in IEEE help to make my world a better place?'.

One final thing here, I'm not one typically to seek the center stage on things; so, running for DE is a bit out of character for me. I tend to be content to work with people, behind the scenes if needed, to accomplish shared objectives. From what I understand about the IEEE BOD, it's a very "political" place requiring the development and maintenance of one-on-one and one-on-few respectful relationships. I believe that I can do that. I can issue the charge "C-mon team" and heed that call by other BOD members.

## **IEEE ACCOMPLISHMENTS AND ACCOMPLISHMENTS**

Here is a list of the IEEE positions that I have held since 2001:

- Treasurer, Atlanta Section (2001-2002)
- Vice Chair, Atlanta Section (2003)
- Chair, Atlanta Section (2004-2005)
- Chair, Region 3 Helpdesk Coordinator (2006), which was an effort to link knowledge experts in the region with region volunteers to support their efforts in service to IEEE
- General Co-Chair, SoutheastCon (2009)
- Chair, Atlanta Section (2010-2011)
- Presenter, Section's Congress (2011)
- Associate Treasurer, RadarCon (2012)
- Technical Co-Chair, Metro Area Workshop (MAW) hosted in Atlanta (2013)
- Member, Region 3 Communications Committee (2012)
- Member, Region 3 "Section's Support Committee" (2018), which is a continuing effort to link knowledge experts in the region with region volunteers to support their efforts in service to IEEE
- Member, Region 3 "Operational Audit Committee" (2018), to support regular review of effectiveness and utilization of key functions at the region level

Other Volunteer Activities:

- C.G. Jung Society of Atlanta
  - A/V Equipment Manager/Technician, (2008-2015)
  - Treasurer (2010-2014)
  - President (2015-2016)
- Aviation Museum at Marietta, Georgia
  - Board of Directors (2004-2006)

IEEE Awards

- 2004 IEEE-USA award for Regional Professional Leadership

## **POSITION STATEMENT**

I want to make IEEE more relevant to the lives of its members. That comes partly from making changes to IEEE, but it also comes from making members aware of all that IEEE is already engaged in.

I want the IEEE to be the professional home of its members (a long-standing goal), but I also want the IEEE to support the whole-person needs of its members. By nature or by

training, we talk and think differently than the larger community. We live in a complex, changing world of challenges and distractions; IEEE should help us bring our passion and talents to our community.

IEEE is a large, diverse community of members, volunteers and supporting staff working together to enhance individual careers, advance information science and electro-technology professions, and serve the global community that we live in. IEEE is so large and has so many things going on, that most of us don't even realize how much there is to IEEE. I want to leverage off of all of that ongoing activity and build from it.