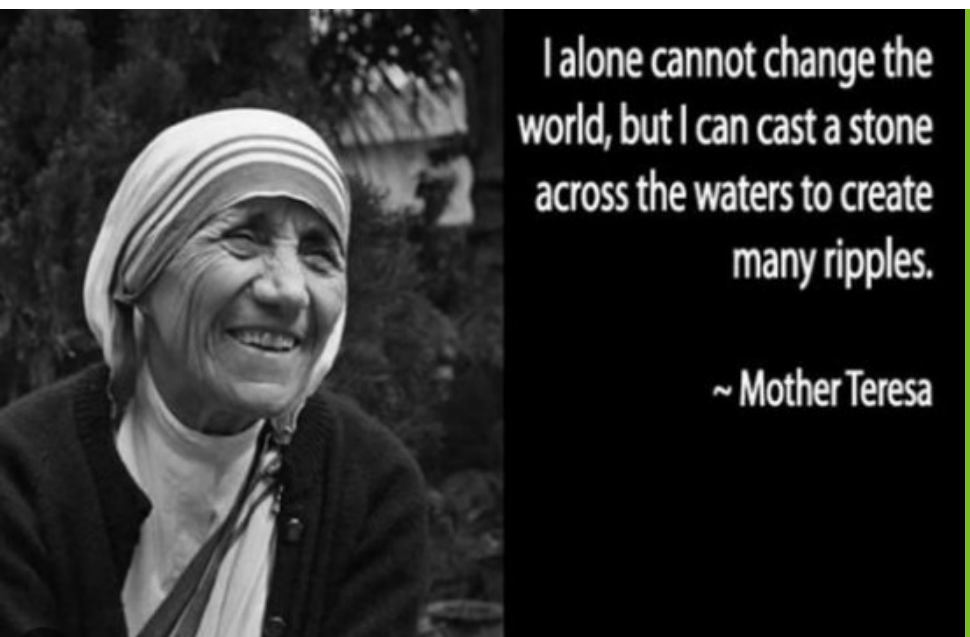




The Power & Energy of Women in PES Conferences

Wayne Bishop Jr.
IEEE PES VP Meetings and Conferences
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Today's Presentation



- Brief Introduction
- Women in Dentistry, Medicine, and Engineering
- WIP within PES Leadership and Conferences
- A Call to Action

Source: <https://www.one.org/international/blog/14-inspirational-quotes-from-pioneering-women/>

Brief Introduction



- Born and grew-up in Brockton, Massachusetts, USA
- Worked in Electric Power Industry for 30+ years
 - Doble Engineering → OMICRON electronics → Quanta Technology
- IEEE Senior Member and PES Volunteer Leader since 2011
- IEEE PES Vice President Meetings and Conferences (2019-2023)
- Vice President, Industry Outreach and Strategy, Quanta Technology

The Two Most Important Women in My Life



Ed Sheeran

His Song “Boat” is about Resilience



- “But the waves won’t break my boat....”
- “Stones crash on the boardwalk”

Resilience



M I C H E L L E O B A M A

Failure is an important part of your **growth** and developing **resilience**. Don't be **afraid to fail**.

I F O R H E R . C O M

Source: <https://www.tippersvintageplates.co.uk/http/hor.happyvalentinesday2020.online/michelle-obama-leadership-quotes-96c8.html>

Resilience

- Doctors and Engineers both exhibit resilience
- **Effectively manage stress and maintain focus and dedication to work**
- **Continuously learn and adapt** to new advancements in their fields



Women in Dentistry, Medicine, and Engineering



Dentistry:

- As of 2022, 36% of working Dentists are female (of 202,000 of dentists in U.S.)
- In 1998, 34% of dental students were female
- In 2018-19, 50% of dental students were female

Source: American Dental Association

Women in Dentistry, Medicine, and Engineering



Medicine:

- According to the Association of American Medical Colleges, for the first-time women make up the majority of students in medical school
- 43% of family medicine doctors are women
- For Veterinary Medicine, >80% of the students are women

Women in Dentistry, Medicine, and Engineering



Engineering:

- 13% of engineers are women
- Students: In 2019, 24% of undergraduate engineering students were women.
- ***We are improving but there is still more to be done... and we all need to take an active role***

Now is an Exciting Time to be Part of the Electric Power Industry!!

We all have a role in convincing young women to pursue a career in the electric power industry



In Order to Attract More Women to Our Industry, We Need to Start the Discussion at a Young Age



Update on IEEE PES Conferences

- I made Diversity one of my key goals when I was appointed VP Meetings in 2019
- We have a **“call for action”** to continue to have more women in leadership roles in IEEE PES Conferences, and to have more women speakers at all events
- **We all play a role in helping make this happen!**



2020 Pledge Passed Unanimously by PES Governing Board

“Adopt the WIE pledge - PES supports the inclusion of a diverse set of speakers which will lead to more creative, interesting and representative panels across the PES and pledges to end same-sex panels at all PES meetings, conferences and events, including the PES WIP events”



In the words of Zuhaina Zakaria, PhD, PEng (Malaysia).....



“As a female engineer actively involved in organizing power engineering conferences in Malaysia, I am proud to hold a leadership role in promoting knowledge sharing and collaboration in this field. My first involvement with PES flagship conferences was when PES Malaysia successfully won the bid to organize ISGT Asia in 2014.

In my role as the organizing chair, I encourage diverse participation and actively engage with attendees to ensure an inclusive and productive environment. Through the conferences I organize, I aim to provide platforms for female professionals to showcase their expertise, share their experiences, and network with like-minded individuals. I firmly believe that by empowering women and encouraging their active participation, we can unlock the full potential of the power engineering field.

Currently, I am mentoring younger female PES members in Malaysia to pursue their goals and overcome challenges. Together, we are building a supportive network that nurtures talent and promotes gender equality in our industry.”



Photo from IEEE Women in Engineering International Leadership Summit



In the words of Dr. Seemita Pal, currently the Vice Chair of the 2024 IEEE ISGT NA Conference.....

- “The Engineering field is still a male-dominated field. Gender diversity and inclusivity are improving overall in organizations, but change is not as fast as we would like. Affinity groups like IEEE Women in Engineering (WIE) and Women in Power provide gender minority members opportunity to come together and support each other. I have personally benefitted from being involved in IEEE, and through various engagements have realized the need for bringing a larger group of members together where they can get the opportunity to highlight their engineering achievements, share their work, learn from industry leaders, hear experts discuss/debate relevant topics, and get the opportunity to network.”
- “That is why I got involved in conference organizing committees and have been passionate about providing more opportunities and resources to better support the community. If there is a conference that focuses on your specific interests then we should consider participating in the committee to make sure we have a diverse committee and the conference too is more inclusive.”

Call to Action.....Please Join Us!

There are numerous leadership opportunities for women within IEEE PES Conferences





Thank you!

wbishop@quanta-technology.com