

An Awareness on Leadership and the Role of Women in Science

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ABSTRACT

The events engage women scientists in receiving various awards and participating in training and professional development in science and innovation. Female scientists needs incentive to advance in their careers, as well as professional networks and mentorship assistance for females in this field all around the world. We must work to encourage more female scientists to attain scientific brilliance and to effectively participate in tackling the world's big issues.

Keywords: *Women scientists, Leadership, Women power.*

INTRODUCTION AND BACKGROUND

Higher education is mainly concerned with improving learning outcomes as well as their continued growth. Other considerations for instructional leaders include the purpose, goal, objectives, and ethics of the academic institutions, practice and ethical norms, equity, and different cultures and beliefs, Syllabus and crucial foundation, teaching methodology, use of technology, performance evaluations, formation of a community that can work together to start caring for and help students, development of education personnel's professional role and skills, development of a professional body of teachers and staff members, promotion of effective connections of families and society, monitoring the operational, scientific, clerical, or administrative duties in an effective way with the support and cooperation of others, as well as the design of strategies that will promote to the school's betterment (1-3). Female scientists needs incentive to advance in their careers, as well as professional networks and mentorship assistance for females in this field all around the world. Women power has strong background for promoting women in the world and is needed for building scientific progressive careers of the whole women in the world and to build peace and joy the world (1-6).

Challenges of Women in Life

The prospect of attracting fewer women stems from their focus in private life and family

concerns, which minimizes distraction. It made the notion that gender inequalities in work performance were caused by differences in the consequences of family and marriage on males and females. Females have greater duties than men, and as a result, they are much less desired in recruiting. Due to parental status, male counterparts had the least influence. Women with children were more likely to be active in domestic tasks and might be less efficient. Men and women have different obligations and inclinations by nature. There are competent girls in scientific jobs, but they may not be able to demonstrate their abilities owing to the discriminatory perspective of some companies. Men are more likely to achieve academic achievement while maintaining a competitive mentality and an ambitious growth mindset. There are certain cognitive distinctions between men and women, but reasoning ability and intellect do not differ in any manner. Women are taking the lead in science, but they must be more forceful and assertive in order to demonstrate their aptitude in this sector (4-9).

Women Scientists

Women are pioneering cutting edge research all throughout the world. Despite their outstanding findings, women continue to account for only 33.3% of global researchers, and their contribution is rarely recognized. Just 3% of Nobel Prizes in science have ever been granted to women, and only 11% of prominent research positions in Europe have been owned by women. According to studies, women are

hindered or lose interest in pursuing the disciplines of science, technologies, engineering, and mathematics from an early age. Women continue to be underrepresented in engineering, computer science, and theoretical physics, and per the statistics. Nonetheless, despite hurdles such as gender inequality and a lack of acknowledgment in the scientific world, innumerable inspirational women in these professions have made historic contributions to research and advanced our awareness of the universe around us. Many were not acknowledged during their lifetimes, but their contributions have aided future generations of women scientists (10,11).

We should work to encourage more female scientists to attain scientific brilliance and to fully participate in tackling the world's big issues. We have presented almost 100 laureates to date, five of them have gone on to earn Nobel Prizes. We recognize and believe that "women are the world's biggest unexplored talent reserve." We can observe many gorgeous women scientists in the globe for encouraging women on earth, which is very important for building a scientific society on earth (10,11).

Leadership

Leadership is an inevitable skill for every professional. Without leadership skills, no individual is treated as valuable. Nobody is aware of all of it and you'll all the time study from different leaders inside your organization by learning how to improve the leadership skills. Allow them to mentor you and emulate some of their leadership styles. Learn about leadership by reading leadership articles on blogs and company websites, and by following well-known international leaders on Twitter, LinkedIn, and Facebook. You'll create your particular leadership style over time as you solicit feedback from your friends and direct tales. You know what talents they desire because you are the leader. Begin by teaching them on these talents and discussing how you can best use them to help you and your business go forward. One of main issues that executives have is that they want to continue doing all of the work since that is how they got their position. Micromanaging does not work as a result of you find yourself wired and never having sufficient time to execute tasks on the highest stage. As a substitute for making an attempt to do the whole lot, Disseminate the tasks equitably across the team members so that each initiative plays to their different abilities. You should be watching the performance of the

job from afar and conducting weekly check-ins to ensure everything is complete and on schedule, but nothing else. Change is unavoidable, and for a trailblazer, it means that you must adjust to new individuals and work environments. You may be pushed into a new role in a different division, or you may need to hire a new employee. You won't be able to use the same leadership approaches with these new settings and individuals, therefore you must adapt to them. Some may desire more routes than others, whilst some may be more impartial as a substitute to partnership (12-14).

Entrepreneurs can advance themselves by constantly speaking and attempting to push others in one direction or another. As an alternative, pay attention to what people are talking around you. Hear prior you speak so that you have more knowledge and ideas to work with. Some of the criticism will most likely be accurate and useful, while others will most likely be motivated by jealousy. Examine where the hate is coming from and what it is mostly based on. Then, include constructive criticism into your daily leadership routines so that you may improve. When you don't establish expectations, you won't obtain the results you need. Instead of trying to suppress among under, throw everything on the table for your team. Inform them ahead of time what is expected of them, how they will carry out their responsibilities, and when they must check in. Becoming a pacesetter entails becoming a part of a group, and as a frontrunner, you must be able to support and urge people you work with to cooperate as best they can. When a team member wants encouragement or steerage, supply it. Typically, all an individual wants is somebody to pay attention and be sympathetic. Nobody is the most effective at the whole lot, and the earlier you notice that the earlier you'll be able to study to be a leader. Delegating duties to others not solely frees you up for stuff you do properly, it additionally empowers different people in your team. The perfect path to changing into a leader is to all the time continue learning new issues. It retains your thoughts sharp, and your skills recent. It primes you for brand new challenges that will come to your method, which is all the time factor in a pacesetter. Many leaders assume they're speaking the right method with their team however many leaders find themselves falling as a result of they have not used the right medium or did not set correct expectations. Sit down along with your team and agree upon

deliverables and the medium by which you talk, comparable to an email or social networking. As a substitute for sending just a few sentences in an email, it is perhaps more useful to write down a long paragraph in order that there are fewer emails back and forth. After you ask somebody in your team to do a venture, discover out if they've any questions instantly so you understand that they'll deal with the work and learn how to improve the leadership skills. At the finish of the day, it is on you to be sure you are delivering your greatest work. In case your team is not performing, then it is your fault. In case you aren't main them, then do not count on them to carry out on the highest stage. Put money into your personal coaching and growth, whereas supporting your team. Take duty to your actions and do not place them on the team. It is easy for a pacesetter to get caught up in their function. Many begin to develop an enormous ego and begin taking credit scores for the work of their stories. This will actually matter in opposition to them within the long time period as a result of their workers will not be motivated and can wish to depart. When more workers depart, it indicates to the higher-ups that there is one thing wrong with the leader, which might lead to termination (12-16). You need to all the time deliver members of your team up with you as a result of they'll help your rise within the company. Do not be a supervisor from hell. Not everybody will get alongside on a regular basis. Instead of overlooking personal disputes and expecting they would go away, deal with them instead of speaking to those involved individually. Also, be willing to change members of the team if the conflict cannot be won.

CHALLENGES OF WOMEN IN SCIENCE

Special accommodations have been established for ladies in underserved places of the globe in order to foster their passion for science and contribute to the beneficial development of the planet. Female engagement in science is extremely vital in many countries of Asia, Latin America, East Europe, and Africa, where there are additional hurdles owing to cultural and traditional factors. They merely need drive to tackle new problems and try to become a member of the expanding knowledge database (2,4,5). We should work with the worldwide communities to enhance the position of women in science and give them the accolades and opportunities they deserve. We should give the greatest approaches to highlight the greatness of women scientists by resolving problems and

creating professional settings that motivate girls to pursue skills training and pursue desired occupations. The events engage women scientists in receiving various awards and participating in career progression in research and technology. Special accommodations have been established for ladies in underserved areas of the world in order to foster their passion for science and contribute to the beneficial development of the planet. We must recognize women's successes worldwide and reiterate our commitment to developing a future in which young women may do it and be anything they want. This time is especially crucial now, whenever women are experiencing the worst of the pandemic's consequences. As we would back better, we must make sure our recovery supports, includes, and empowers women-and we must work together to do this. Because only then can we achieve gender equality (2,4,5,11). Women are important part of the society, whether in the form of mother, sister, daughter, girl friend, so on. Gender prejudice and inequality should be challenged and called out. Everyone in our world is accountable for their own ideas and actions at all times. As a result, we may all choose to seek out and recognize women's accomplishments. As a result, we may contribute to the creation of a more back to the world.

CONCLUSION AND SUGGESTIONS

Especially, we can see many attractive women scientist in the world for promoting the women in the world which is quite necessary for producing scientific society in the world. As you see those females who have busy life and family commitments and could not to proper progress in research field to complete their degress. Women Power has strong background for promoting women in the world and is needed for building scientific progressive careers of the whoole women in the world and to build peace and joy the world. First of all, all of women are human. That's why we should respect each other in our whole life and all time and everywhere men and women all genders the rest are details. Stay peace and joy in your life as human. Learn more about the differences between mission and vision.

Finally, some points can be suggested to overcome the challenges and problems in science and leadership below:

- To follow the current trends in our field
- Generating innovative and creative idea

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- Cooperation and collaboration with national and international scientific groups
- Having a wide cooperation network
- Building a great research team
- To be well connected with all team members
- Motivation to work
- Join to scientific and social activities with all team
- To have good relation with team members
- To discuss with team members about the issues
- To share with team members the ideas
- To follow the position and status of team members
- To guide team members about their scientific future
- To investigate and read more and more
- To focus on the team and Works
- Always have a positive mindset and have positive thinking
- Spend time to solve problems
- Listen all team members
- To open their mind about research and laboratory activities.

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