



Women Empowerment in the Scientific Realm

Student of UzSWLU

Safiya Solihova Azamatovna

Abstract:

In the past women were treated badly. They were not acknowledged and always had to fight for their freedom. It is undeniable that males and females are not equal but both equally important. If we look back, we can witness the unfairness towards women. Unfortunately, females were considered to be slaves and just unimportant creature. Hopefully, women all the time tried to develop despite all the restrictions and humiliations. Women in science faced a difficult path, because of societal expectations and systemic biases. Although there were lots boundaries, some women could prove themselves. Hedy Lamarr and Marie Curie are the heroines of ours. Their achievements were often overlooked, and access to education and opportunities remained limited. Interestingly, some women were able to do the things that men had never thought about. This article explores the achievements of women and their remarkable projects that changed the world.

Key words: *women, science, projects and achievements.*

Аннотация:

В прошлом женщинам относились плохо. Их не признавали и всегда им приходилось бороться за свою свободу. Нельзя отрицать, что мужчины и женщины не равны, но оба одинаково важны. Если мы оглянемся назад, то увидим несправедливость по отношению к женщинам. К сожалению, женщин считали рабынями и просто неважными существами. К счастью, женщины всегда пытались развиваться, несмотря на все ограничения и унижения. Женщины в науке столкнулись с трудным путем из-за общественных ожиданий



и системных предрассудков. Несмотря на множество ограничений, некоторые женщины смогли доказать свою состоятельность. Хеди Ламарр и Мария Кюри - героини нашего времени. Их достижения часто упускались из виду, доступ к образованию и возможности оставались ограниченными. Примечательно, что некоторые женщины смогли сделать то, о чем мужчины никогда не думали. Эта статья будет рассматривать достижения женщин и их замечательные проекты, которые изменили наш мир.

Ключевые слова: женщины, наука, проекты и достижения.

Introduction:

Nowadays, women in STEM (science, technology, engineering, and mathematics) still face difficulties. Stereotypes and work-life challenges continue to hold them back. However, if we look back, there are women who can be inspirations for each girl in current days. Hedy Lamarr and Marie Curie could be prime examples.

Regarding Hedy Lamarr, a renowned Austrian-American actress known for her stunning looks in films like "Samson and Delilah" and "White Cargo," was also a brilliant inventor. Despite being an actress, her contribution to technology is immense. She is a reason for modern wireless communication systems like Wi-Fi, GPS, and Bluetooth, has often been overlooked.

Regarding Marie Curie, Marie Curie, originally named Maria Skłodowska, was born in Warsaw on November 7, 1867. Her father was a teacher at a secondary school. She overcame lots of obstacles as a woman in science, earning degrees in physics and mathematics at the Sorbonne in Paris. With her husband, Pierre Curie, she made groundbreaking discoveries, isolating the radioactive elements polonium and radium. Curie's achievements were recognized with two Nobel Prizes: the first in Physics



(shared with Pierre and Henri Becquerel) for their work on radioactivity and the second in Chemistry for her individual discovery of polonium and radium. She was the first woman to win a Nobel Prize, the only person to win Nobel Prizes in two different scientific fields, and the only person to win it twice.

Conclusion:

All in all, it can be seen that there were always some boundaries towards women. Women never should give up on their dreams as long as they have life-changing ambitions in their minds. Everyone should try for greatness no matter how many obstacles exist.

Reference:

1. Cheslak, C. (2018). Hedy Lamarr 1914–2000. Women's History. Retrieved from <https://www.womenshistory.org/>;
2. <https://www.nobelprize.org/prizes/physics/1903/marie-curie/biographical/>.