

Annex I

Graphic showing the total distribution of the Nobel prize in scientific fields (chemistry, physiology or medicine and physics)

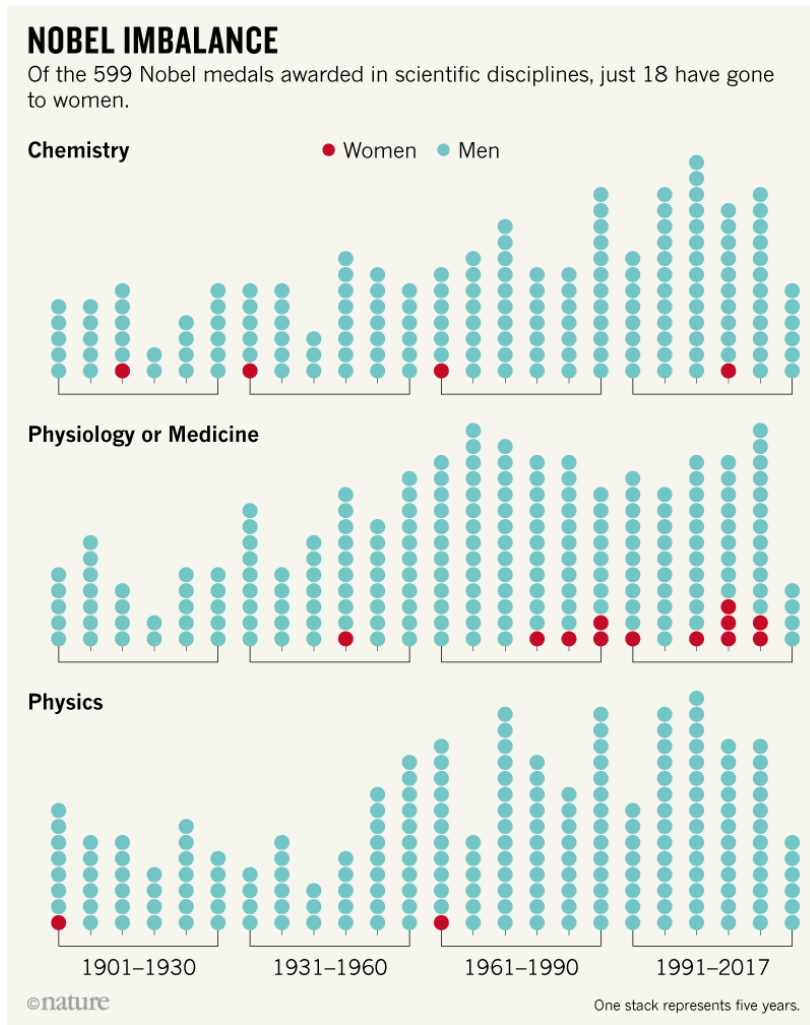


Fig. 1: Nobel committees to tackle gender skew - by Elizabeth Gibney. Nature 562, 19-19. (2018)

List of women behind great scientific discoveries:

- Lise Meitner: Together with Otto Hahn, she discovered the division of atoms, although she was not credited with co-authoring the research (Bartusiak, 1996).
- Esther Lederberg: together with Joshua Lederberg, her husband, she developed a technique to transfer bacteria, but the Nobel only reached her husband (Nakonechny, 2017).
- Isabella Karle: her experiments greatly clarified the shapes of the molecules. Even so, her husband, Jerome Karle, was the only one to win the Nobel Prize. However, Jerome strongly believed that Isabella should have shared the prize (Langer, 2017)
- Rosalind Franklin: perhaps the best-known case. Thanks to her discovers it was possible to discover the structure of DNA, however it was not even mentioned in the Nobel ceremony (MUNDO, 2018).
- Chien-Shiung Wu: thanks to her help, the two theoretical physicists Tsung-Dao Lee and Chen Ning Yang managed to refute the law of parity so they won the Nobel Prize, but Wu was not even mentioned (Foundation, 2019).

Moreover, we are not only talking about gender disparity in the distribution of awards, recognition and prestige, but many of the award-winning women receive less money compared to the award-winning men (*Fig. 2*). This shows that in addition to their invisibilization, women receive a lower amount of money. As of 2019, the gender gap in salaries is still present, with the average salaries of women being 79 cents for every dollar earned by a man. In addition, the average wage for men and women with the same job and the same qualification is 98 cents in women for every dollar earned in men (PayScale, 2019).

WOMEN GET LESS CASH

Female prizewinners receive an average of 64 cents for every dollar won by men.

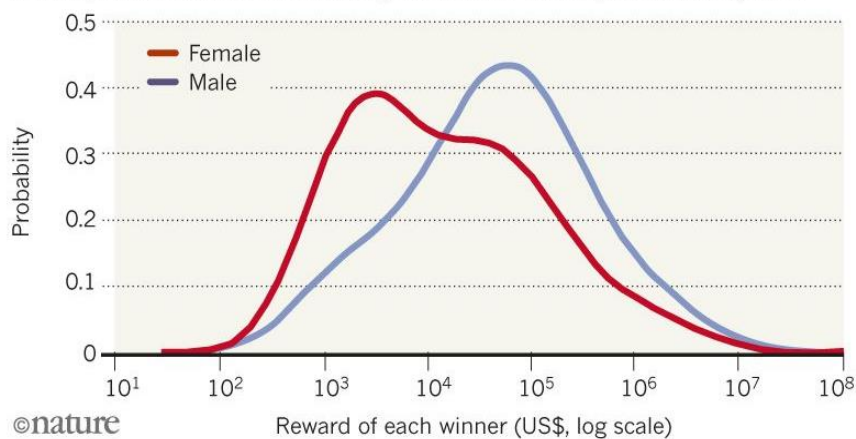


Figure 2. Graphic showing the correlation between reward of each winner with the probability depending on the sex.