

Trends in Gender Authorship Among Diversity Studies in the Plastic Surgery Literature



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Background

- Gender diversity in plastic surgery is a topic garnering increasing attention in the literature.
- However, little is known regarding the diversity of the authors of these papers.
- This study aims to evaluate gender trends among gender diversity studies published in Plastic Surgery journals.

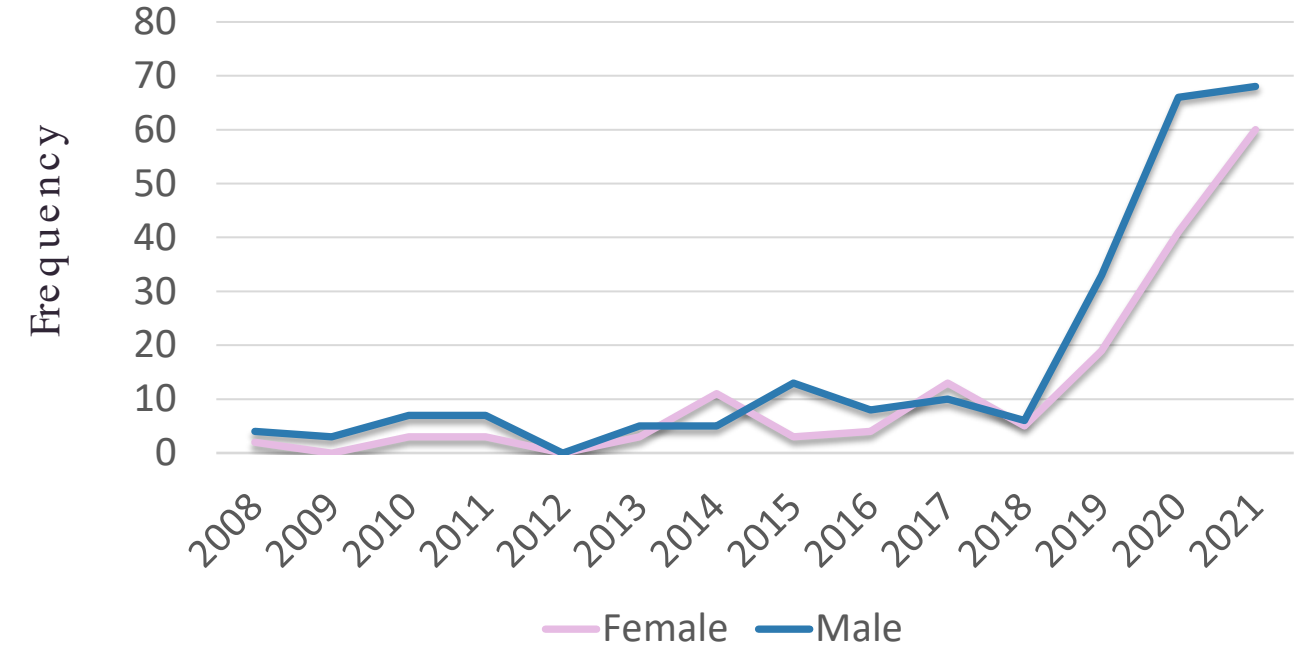
Methods

- The terms "Plastic Surgery" AND "Diversity" were queried through PubMed.
- Papers specific to gender diversity were identified.
- Names of all authors from relevant papers were collected.
- The likely gender of each authors was adjudicated by using the NamSor Software which predicts gender based on name input.
- If software-calibrated gender probability was less than 80% certain, an internet search was conducted by two independent reviewers to corroborate the author's gender.
- Gender of authors within papers specific to gender diversity were compared to gender of authors on all diversity-related papers (outside of strictly gender diversity).

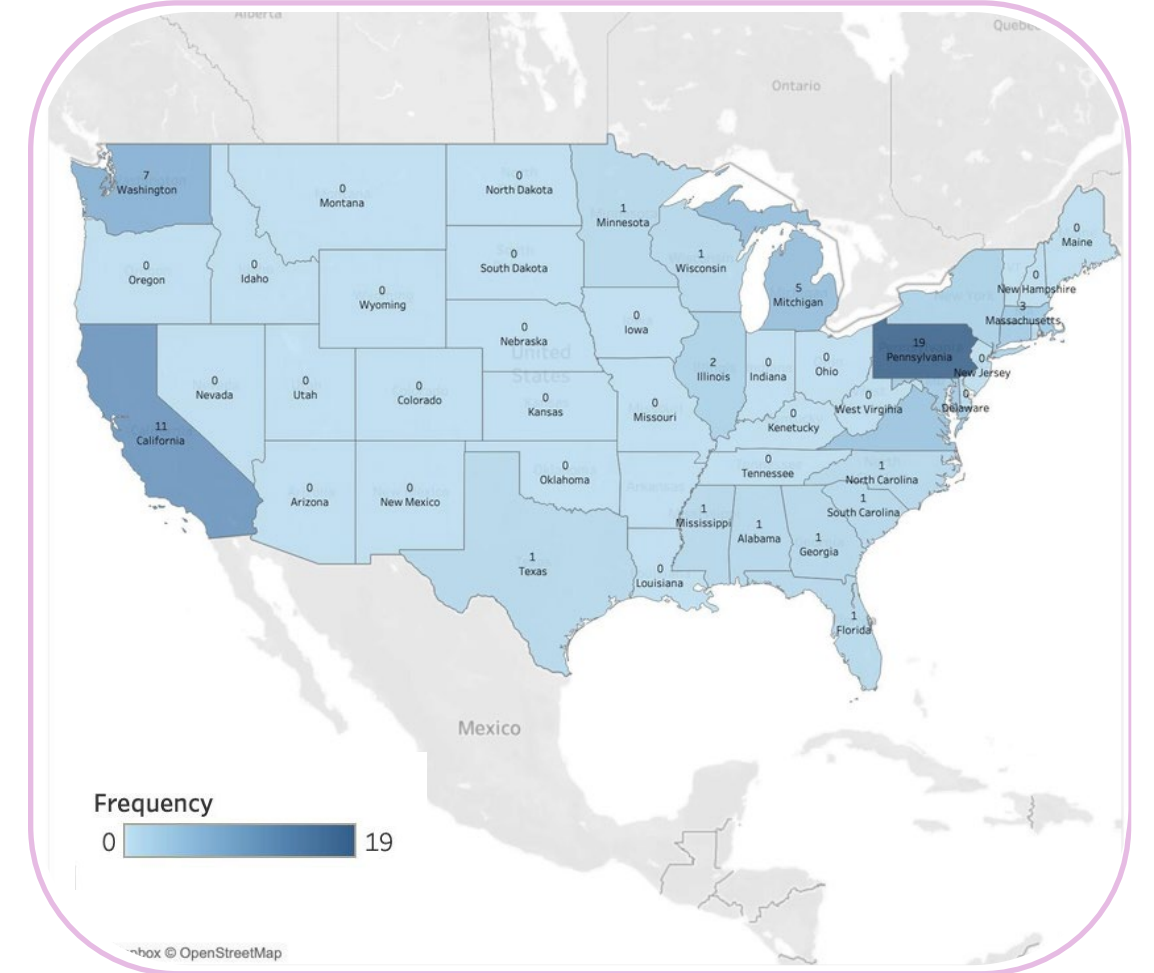
Results

- 208 articles were collected, 74 articles met inclusion criteria.
- These papers represent a total of 395 authors.
- 22 articles were gender diversity-related.

Authorship by Gender, 2008-2021



Diversity Studies in the US, by state



Conclusions

- The prevalence of publications related to gender diversity in plastic surgery is increasing over time, as is the number of female authors.
- While female authorship predominates in papers related to gender diversity, parity is yet to be achieved in papers related to diversity outside of gender diversity.

