

Examining Gender Trends in Physician Assistant Publications



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Examining Gender Trends in Physician Assistant Publications

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Objectives:

At the conclusion of this session, participants should be able to:

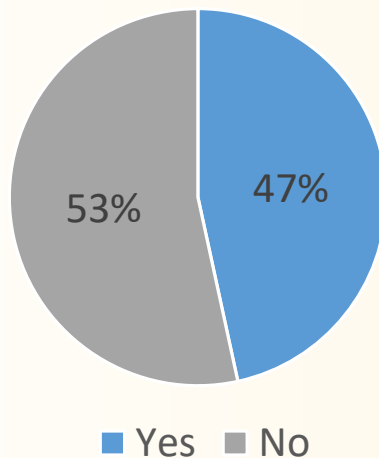
Identify trends in female PA publications as first and last authors in PA journals



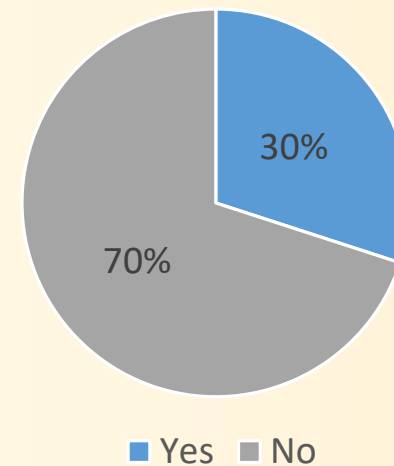
Introduction & Purpose

Success in research is a well-known challenge for PA educators.

% Faculty that have ever had publications



% Published in the last 2 years



Introduction & Purpose

Gender disparities in salary, rank, and scholarship are well researched in medicine. Less is known in the PA profession.^{1,2,3}

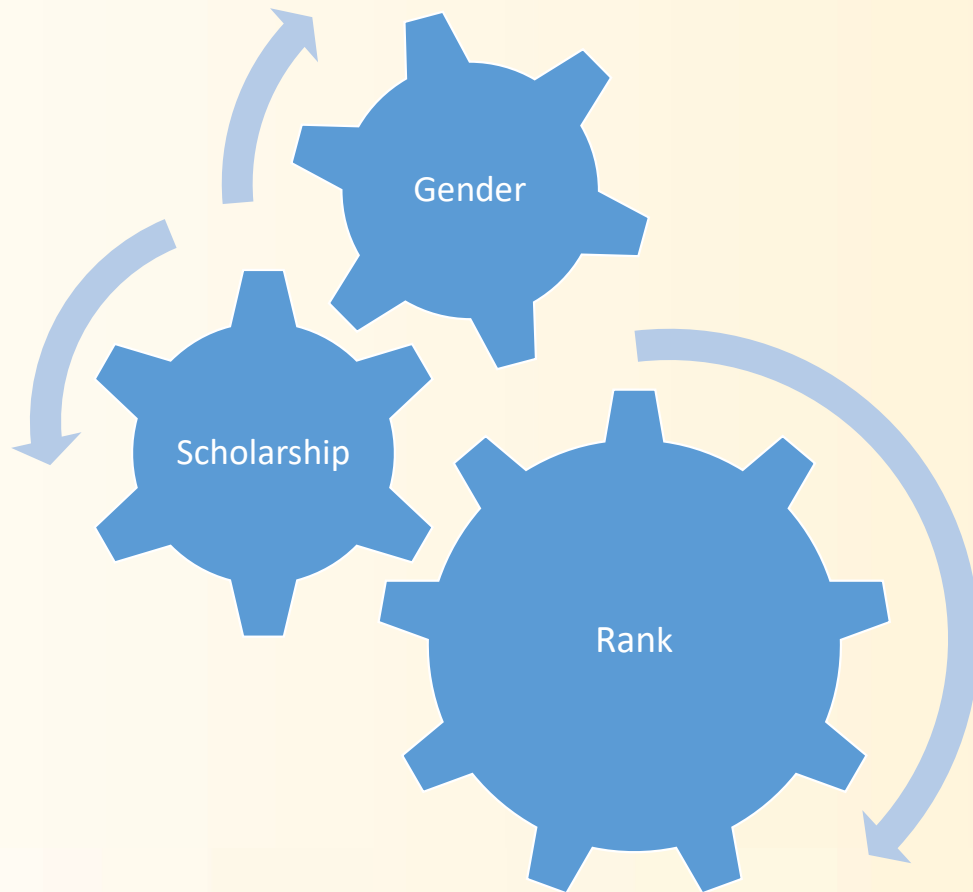
Few studies look at PA scholarship(Garino, Bouton, Hegmann, Lolar)

Scholarship is a key factor for many PAs to advance in rank.

Early studies of PA educators show gender differences in rank: men are more likely to advance to associate and full professor.²

Few studies look at gender differences in PA scholarship^{3,4}...





Introduction and purpose

To understand the paucity of scholarship in the PA profession and to better support female faculty, the role gender plays in scholarship must be better understood.

This study aims to examine the trend of female authorship in PA journals.



Methods

- JAAPA and JPAE were analyzed from Jan 2012-Sept 2022.
- Seminal journals of the profession (Garino)
- The majority of academic PAs will publish in these two journals.
- Years should account for an increase in women in the profession.
- Editorials, commentaries, and thought pieces were excluded.



Articles enrolled

JAAPA

- Original Research
- Brief Research Report
- CME
- Diagnostic Imaging Review
- A Difficult Diagnosis
- Case Report

JPAE

- Research article
- Brief report
- Special article

Author enrollment

- PA authors only eligible
 - NCCPA searched if not clear
 - Authors without academic appointment were included, as scholastic publications imply academic interest.
- Primary data point was first and last authors.
 - Solo authors separate
 - Most important for promotion



Gender

- Initially examined by the PI and SA.
- If not clear by first name** or pronouns in byline
- A search was made of Google Scholar, LinkedIn, Pubmed and institutional website.
- Genderizo.io when it doubt.
- No authors were not assigned a gender.



Statistical

- Simple proportions are reported
- As the total population of FA/LA/SA is recorded, the reported differences are...the true differences of the population.
- Mann-Kendall test for monotonic trend in a time series when appropriate.



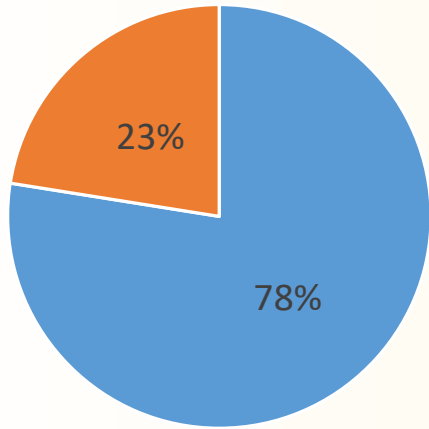
RESULTS

1708 FA/LA/SA

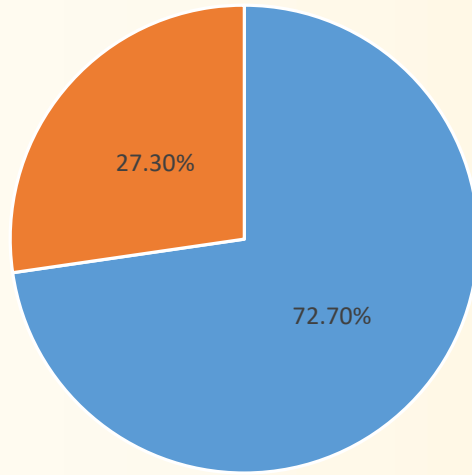
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graph TD; A[1708 FA/LA/SA] --> B[393 NOT PA's (23%)] --> C[1315 Final]
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393 NOT PA's (23%)

1315 Final



■ JAAPA ■ JPAAE



■ Clinical ■ Research









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