



# Gender Composition of Orthopaedic Sports Medicine Fellowship Trainees, Faculty and Leadership

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# Disclosures



- **Mary K Mulcahey, MD, FAAOS** (Submitted on: 02/09/2023)
  - AAOS: Board or committee member
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  - American Orthopaedic Society for Sports Medicine: Board or committee member
  - Arthrex, Inc: Paid consultant; Paid presenter or speaker
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  - Ortho Info: Editorial or governing board
  - Ruth Jackson Orthopaedic Society: Board or committee member
- All Other Authors: None



# Introduction

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- Orthopaedic surgery has remained the most male-dominated field in medicine, despite recent efforts to recruit and retain more women
- Gender diversity of trainees, faculty, and leadership within orthopaedic sports medicine fellowships has not been examined to date



# Methods



- Official program websites of orthopaedic surgery sports medicine fellowships listed on the **Arthroscopy Association of North America (AANA)** fellowship directory were examined
- **Data gathered** included program specific information:
  - Gender of program director
  - Fellowship faculty
  - Orthopaedic surgery department faculty
  - Gender of current fellows and fellows within the last 5 years
  - Number of women in leadership positions



# Methods



- **Statistical Analysis:** *Descriptive statistics* analyzed:
  - Demographic trends in faculty
  - Fellows
  - Geographic region
  - Presence of a women's sports medicine program
- *Two-tailed independent t-tests* were used to compare responses in all continuous data. P value < 0.05 was considered significant



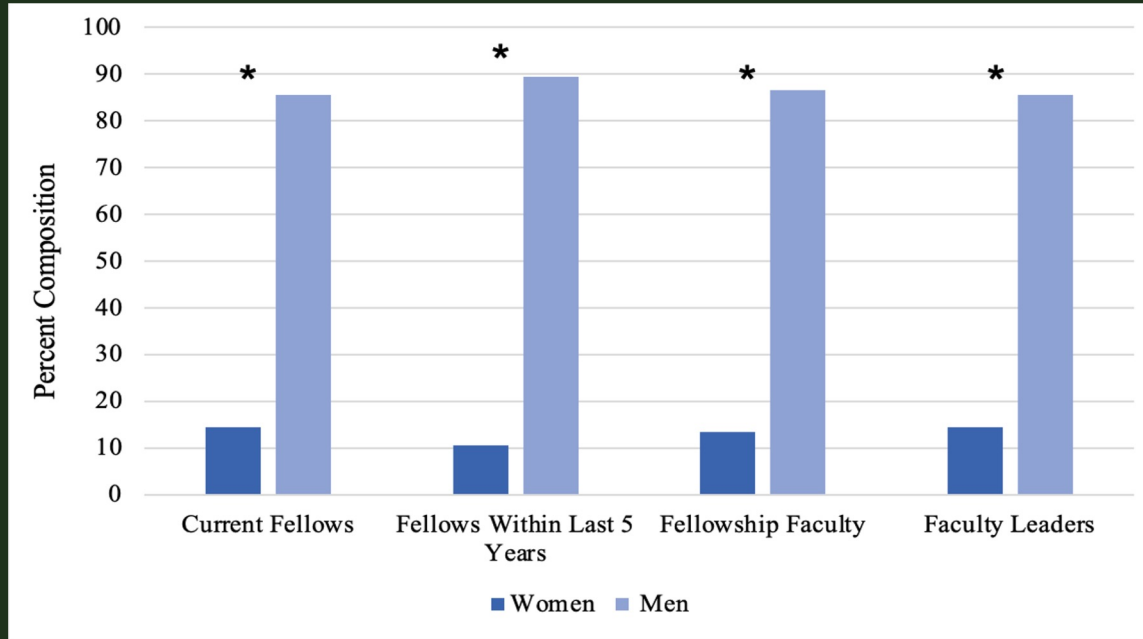
# Results



- Program Demographics:
  - In the academic year 2021-2022, 132 sports medicine fellows were in fellowship training in the United States within 97 programs
  - The composition of 97 programs were analyzed
- *Gender Composition of Trainees and Faculty:*
  - There is *no significant difference* in the gender composition of current fellows compared to the composition of fellows within the last 5 years ( $p=0.74$ )
  - Female representation in sports fellowship programs *increased from 10.5% within the last 5 years to 14.4% in this past year*



# Results



**Figure 1:** Gender Composition of Sports Medicine Fellowship Trainees, Faculty, and Leaders

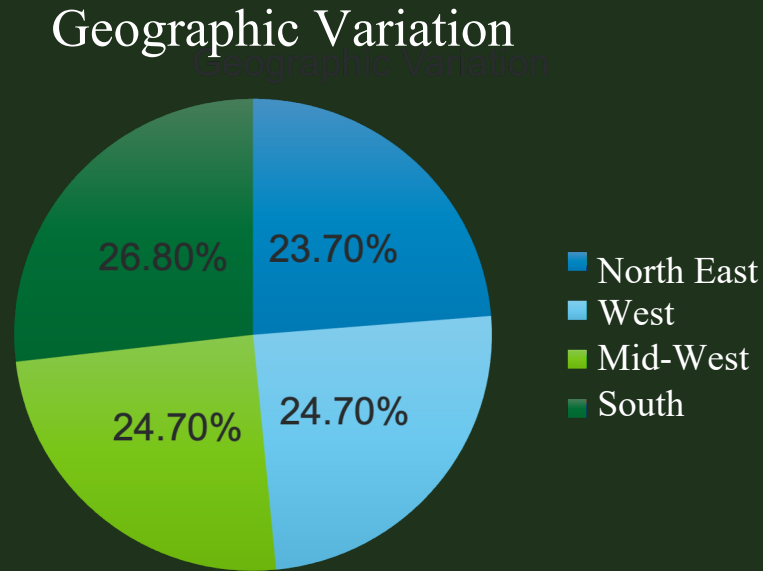
\* Denotes statistical significance,  $p < 0.05$ .



# Results



**Figure 1: Geographic Variability of Sports Medicine Fellowships**







# Conclusion

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- Orthopaedic sports medicine fellowships remain heavily male dominated in their trainees, faculty, and leadership.
- There was no significant difference in the gender composition of current fellows when compared to those who graduated in the last five years.
- Further and novel initiatives are needed to enhance gender diversity in sports medicine.



# References



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# Thank you

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Feel free to contact our team with any questions:

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