Gender representation in ASM journals

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# Abstract

# Introduction

* Gender disparity in stem
* Studies evaluating gender in publications
  + Nature
  + JAMA
  + Glam journals
  + Science?
  + Ecology
* Few look at submissions to understand source of disparity
  + AGU
* This study
  + Cumulative data since 2012 to see where ASM stands
  + Use submissions and compare to membership to see where disparity exists (if at all)

# Results

## Current status

* gender of all editors over time
* breakdown into editor type: e.g., EiC, senior, associate?
* gender of all reviewers over time
* gender of all senior/coresponding authors over time
* gender of all first authors over time
* gender of all authors
* proportion of gender at each stage: e.g., author, reviewer, editor by type
* invited manuscripts by gender
* submitted manuscripts by gender
* male/female dominated categories? journals?

# Discussion

* Compare to global micro stats
* compare proportions to ASM membership
* future directions
  + are female-authored papers handled differently from male-authored (number of revisions/decisions)
  + M/F reviewer/editor recommendations differ by gender of author/editor/reviewer
  + publication frequency & authorship prestige of M vs F

# Materials and Methods

### Data source

### XML scrape

### Gender assignment

### Data analysis and presentation

# References