



## **SWACSM 2025 Submission Information**

**Expanded Abstracts for the Student Research  
Award Competition Due Friday, September 5,  
2025, 5:00 pm, PDT**

**General Abstracts Due Friday, September 12,  
2025, 5:00 pm, PDT**

**Abstract Submission Link:** <https://digitalcommons.wku.edu/ijesab/>

# Southwest Chapter of the American College of Sports Medicine

## Abstract Submission Instructions

**Annual Meeting and Conference, starting Friday, October 17, 2025.**

You are invited to submit abstracts for general poster presentation or the student research award competition (expanded abstracts).

Please follow the general and/or student research award-specific instructions for submission.

### **SWACSM General Abstracts - Poster Presentations Specific Instructions**

1. **Electronic submission only:** All abstracts must be submitted electronically. Poster sessions will be held on Friday, October 17, and Saturday, October 18 of 2025. Presenters will be assigned one of these days.
2. **Deadline:** Submit general abstract by Friday, September 12, 2025, 5:00 pm PDT
3. **Author Rules:**
  - a) You may be the first author on only one abstract
  - b) You may co-author several abstracts.
  - c) The first author is considered the presenter and must present the abstract at the meeting.
4. **Membership requirements:** At least one author must be a member of the SWACSM. If one author is an ACSM Fellow, include FACSME follow their name.
5. **Review Process:** Abstracts will be blind reviewed for quality and format. Follow submission directions and template closely to avoid rejection.
6. **Formating:**
  - a) Maximum 2000 characters (no spaces).
  - b) Use the SWACSM abstract template provided (include font and formatting). Deviating from the SWACSM template may result in reviewers requesting revisions and/or the abstract being rejected.
  - c) Use the following subheadings: purpose, methods, results, and conclusions (see the template).
  - d) Carefully check for spelling errors before submitting.
7. **Original work:** Abstracts must be original and not previously published in any other printed or electronic format. They will be published in the *International Journal of Exercise Science*, with delayed publication to allow submission to the national ACSM annual meeting.
8. **Confirmation & Notifications:** Applicant and co-authors will receive an email confirmation after submitting. Keep a copy of the abstract for your records. Final decisions and presentation details will be emailed by one of the SWACSM Abstracts and Awards committee members, Dr. Fabiano Amorim ([amorim@unm.edu](mailto:amorim@unm.edu)) or Dr. Matt Seeley ([matt\\_seeley@byu.edu](mailto:matt_seeley@byu.edu)). If not received, check your spam/junk folder or contact them.
9. **Presentation Day Preference:** You can suggest a preferred poster presentation day (Friday or Saturday), but it's not guaranteed.
10. **Poster Requirement:** All accepted presenters must create a visual poster. See example below.

# P-curve analysis of the Köhler motivation gain effect in exercise settings: A substantive-methodological synergy



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## INTRODUCTION

- Meta-science research has highlighted that journals often favor publishing studies that report statistical significance.
- This trend could create situations where effect size estimates are inflated and not representative of the true, underlying effect size.
- Publication bias could lead to other troubling outcomes such as p-hacking.
- P-curve analysis is a tool that can be used to find if publication bias exists in studies focused on a single effect.
- P-values have a uniform distribution when there is no effect and have a highly skewed distribution when there is likely a true underlying effect.
- The purpose of this study was to demonstrate the p curve technique in a sample of studies that examined the Köhler motivation gain effect in exercise settings.

## METHOD

- We conducted a literature review for research examining the Köhler motivation gain effect in adult populations in exercise settings
- Thirteen unique statistical test values with the reported degrees of freedom were extracted.
- P-curve online application (version 4.06) was used for all calculations.

A p-curve can examine a body of literature for the presence of potential p-hacking.

The Köhler motivation gain is likely **not** an outcome of p-hacking practices.

P-curve analysis can be a useful tool that is easy to implement.

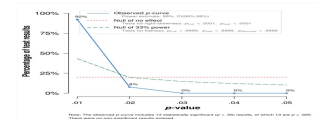
P-curve application and related papers:  
<https://www.p-curve.com>

[christopher.hill@csusb.edu](mailto:christopher.hill@csusb.edu)



## RESULTS

- A binomial test indicates that the effect size for the 13 studies have evidential value and are likely not the product of p-hacking ( $p = .0001$ )
- A continuous test using the aggregate with Stouffer Method indicates there is evidential value using
  - Full p-curve ( $Z = -13.61, p < .0001$ )
  - Half p-curve ( $Z = -12.82, p < .0001$ )
- Evidence in power included in the p-curve was 99%



## DISCUSSION

The p-curve for studies examining the Köhler effect demonstrates that this effect is likely not a by-product of p-hacking.

The p-curve analysis can be used to examine p-hacking in entire fields, examine specific effects, or examine journals for the presence of p-hacking.

The p-curve can easily be implemented in meta-analyses and other reviews to better understand the nature of the underlying effect.

## SWACSM Student Research Award Competition - Expanded Abstracts Specific Instructions

1. **Electronic submission only:** All expanded abstracts must be submitted electronically.
  2. **Deadline:** Submit a brief AND expanded abstract by Friday, September 5, 2025, 5:00 pm PDT
  3. **Presentation requirement:** Finalists for the student research award competition must present their work in a podium session on Friday, October 17, 2025.
  4. **Author roles:**
    - a) You may be the first author on only one abstract
    - b) You may co-author several abstracts.
    - c) The first author (must be a student) is considered the presenter and must present the abstract at the meeting.
  5. **Membership requirements:** At least one author must be a member of the SWACSM. If one author is an ACSM Fellow, include FACSM follow their name.
  6. **Review Process:** Expanded abstracts will be blind reviewed by three experts in the field for the competition. Follow submission directions and template closely to avoid rejection.
  7. **Formating:**
    - a) Limited to 5 pages (not counting references)
    - b) Double-spaced, Arial font, 11 cpi, and no larger than 12 cpi.
    - c) Please check for spelling errors prior to submission.
    - d) Include background, purpose, design/methods, results (including optional tables and figures), discussion, and conclusions.
    - e) Carefully check for spelling errors before submitting.
- \* If the expanded abstract does not follow the above format, it will be returned for revisions.
8. **Advisor information:** Include the advisor/mentor's name and email address. They may be contacted to verify student status and to confirm that the expanded abstract is appropriate for presentation.
  9. **Eligibility:** All work reported in the expanded abstract must have been conducted while you were a registered student at an institution in the Southwest Region.
  10. **Original work:** Expanded abstracts must be original and not previously published in any other printed or electronic format.
  11. **Confirmation & Notifications:** Student Applicant and co-authors will receive an email confirmation after submitting. Keep a copy of the abstract for your records. Final decisions and presentation details will be emailed after the general abstract deadline by one of the SWACSM Abstracts and Awards committee members, Dr. Fabiano Amorim ([amorim@unm.edu](mailto:amorim@unm.edu)) or Dr. Matt Seeley ([matt\\_seeley@byu.edu](mailto:matt_seeley@byu.edu)). If not received, check your spam/junk folder or contact them.
  12. **Presentation format:** Up to five student presenter finalists per level (undergraduate and graduate) will deliver an oral presentation on Friday, October 17, 2025. Others NOT selected for the competition will present in the general poster session and will not be considered for the award.
  13. **Presentation times:**
    - a) Undergraduate Students: 11 am - 12:30 pm on Friday, October 17, 2025.
    - b) Graduate Student: 1:45 pm - 3:15 pm on Friday, October 17, 2025.
  14. **Award Ceremony:** Following review of the finalists by competition judges, winners will be announced in the General Session on Saturday, October 18, 2025, from 9:15 am - 10:45 am.
  15. **National Competition:** One graduate student will be selected as the overall student research competition winner and be invited to represent the SWACSM chapter at the ACSM National President's Cup Competition.

**All questions regarding abstract submissions or the student research award competition can be directed to:**

**ABSTRACTS**

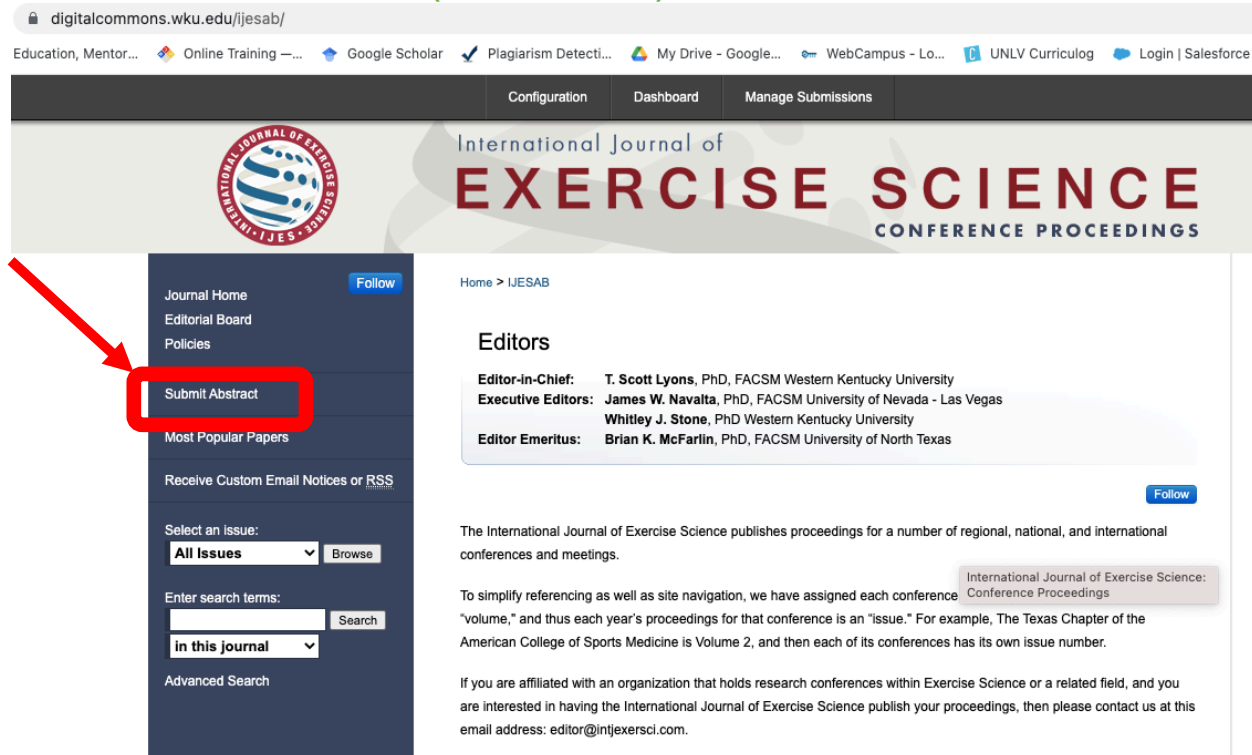
Dr. Fabiano Amorim, SWACSM Abstracts and Awards Committee  
Department of Health, Exercise and Sports Sciences, University of New Mexico  
Email: [amorim@unm.edu](mailto:amorim@unm.edu)

**STUDENT RESEARCH AWARD COMPETITION**

Dr. Matthew Seeley, SWACSM Abstracts and Awards Committee  
Department of Exercise Sciences, Brigham Young University  
Email: [matt\\_seeley@byu.edu](mailto:matt_seeley@byu.edu)

Access the International Journal of Exercise Science Conference Proceedings site at:  
<https://digitalcommons.wku.edu/ijesab>

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The submission process consists of the following steps:

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  - If you create your own PDF file, please embed all fonts and use Adobe's PDF Distiller instead of PDF Writer to ensure that others can view the article exactly as you intended it to be. Please see our [tips for making your own PDF file](#).

No part of the submission is final until all steps have been completed and you click the final **Submit** button. The review process begins as soon as International Journal of Exercise Science: Conference Proceedings receives a readable article, along with the abstract and article title. You may revise any of these elements later by clicking the submitted article's title on your **My Account** page.

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### Submission Agreement



#### Article Submission Agreement for *International Journal of Exercise Science: Conference Proceedings*

Submit your Abstract to International Journal of Exercise Science: Conference Proceedings

##### Warranties & Ownership Overview

Please review the following submission agreement ("Submission Agreement") and indicate your agreement below.

Thank you for submitting an article to *International Journal of Exercise Science: Conference Proceedings* (the "Journal").

##### To submit an article (the "Article"):

1. You must be the author, or the authorized agent of the author(s) and copyright holder (if different from the author(s));
2. the author(s) must have approved the work for publication;
3. the author(s) must have agreed to submit the article to the Journal;
4. the author(s) must accept full responsibility for the content of the Article;
5. the Article must be the Author(s) original work and must not contain any libelous or unlawful statements or infringe on the rights or privacy of others or contain material or instructions that might cause harm or injury
6. the Article must not have been previously published, is not pending review elsewhere, and will not be submitted for review elsewhere pending the completion of the editorial decision process at the Journal.

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**\*\*NOTE:** If submitting for the student research competition, select either “Student Research Competition – Undergraduate” or “Student Research Competition – Graduate” (instead of Southwest ACSM Abstract)

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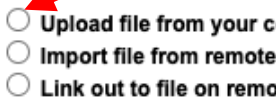
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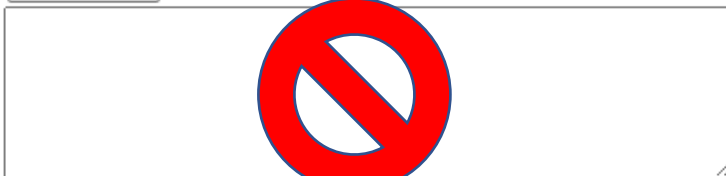
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