



SWACSM 2025 Submission Information

Late-Breaking General Abstracts

Due Friday, September 26, 2025

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

Southwest Chapter of the American College of Sports Medicine

Late-Breaking Abstract Submission Instructions

DEADLINE 09/26/2025

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

You are invited to submit abstracts for general poster presentation.

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, 2025. Presenters will be assigned one of these days.
2. **Deadline:** Submit general abstract by Friday, September 26, 2025
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 FACSM after 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). 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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¹California State University, San Bernardino, ²Drexel University



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.

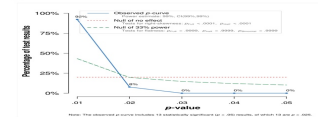
P-curve application and related papers:
<https://www.p-curve.com>

christopher.hill@csusb.edu



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.

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

ABSTRACTS

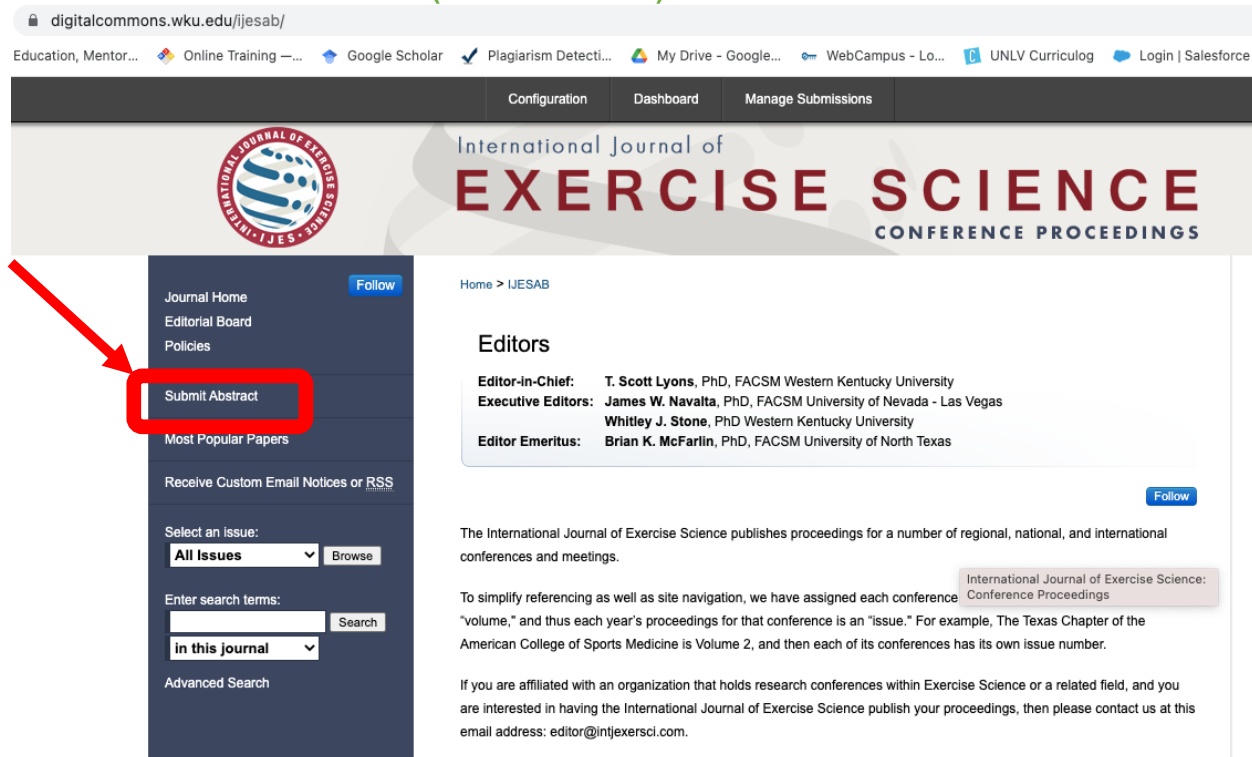
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4. the author(s) must accept full responsibility for the content of the Article;
5. the Article must be the Author(s) original work and must not contain any libelous or unlawful statements or infringe on the rights or privacy of others or contain material or instructions that might cause harm or injury
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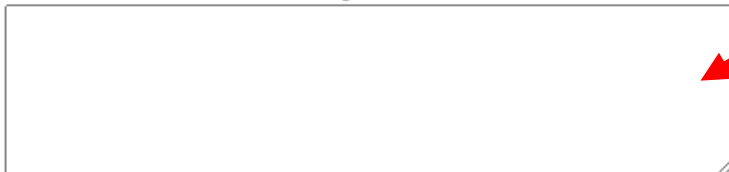
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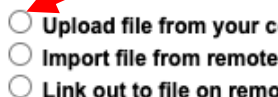
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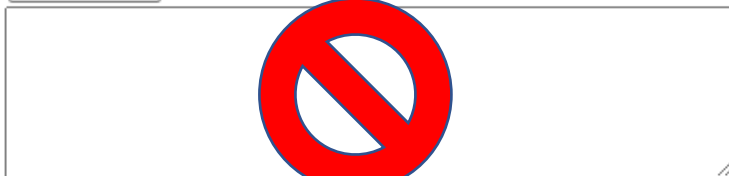
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