

# **The Significance and Vital Role of Student Participation in Peer Review for Transdisciplinary Communication**

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## **Abstract**

In general and in most academic fields, if not in all, there is increasing recognition of the educational value of peer-reviewing processes is observed among academics and publishers. The International Journal of Exercise Science (IJES) is highlighted as a journal dedicated to engaging undergraduate and graduate students in scholarly activities as authors and reviewers. The journal's scope covers various sub-disciplines, indicating a focus on intra- and inter-disciplinary research. This emphasis on the educational aspect of peer reviewing is suggested to apply even more to papers written FOR transdisciplinary communication.

Several examples of journals with similar missions, engaging student researchers in peer reviewing, are Journal of Undergraduate Neuroscience Education, Journal of Student Research, Journal of Student Success in Writing, Journal of College Science Teaching, etc.

The experiences gained through these platforms better prepare students for future academic and professional endeavors, equipping them with the tools to critically assess and enhance scholarly work.

In the case of presentations and publications FOR transdisciplinary communication all the reasoning that the mentioned journal add additional and even important ones some of which are even necessary and “sine qua non” academically. Intellectually, and pragmatically.

The educational, intellectual and pragmatic benefits of peer-reviewing articles written FOR transdisciplinary communication is important for the students, the academic world, in general as well as for Society at Large. It benefit both the Personal and the Common Good.

Among the benefit generated to the students are the enhancements of their critical thinking, their intellectual diversification by being aware about what is generated in other disciplines but understandable by them because they were written FOR Trans-Disciplinary Communication. This intellectual diversification prepare them and make them more adaptable to what seems and exponential increase in technological innovations, along with their effect on societies and cultures (academic, professionals, organizational, national, etc.)

This means that student peer reviewing is not just an academic exercise but an essential tool that equips individuals to navigate a dynamic global landscape. It recognizes the central role of educational systems in promoting intellectual diversification, emphasizing the need for repetition and reiteration in skill development.

Additionally, students involved in peer reviewing cultivate vital intellectual skills, and in the case of making recommendation to make more effective an article written FOR Trans-Disciplinary Communication. they develop intellectual abilities to translate from disciplinary semiotic systems to transdisciplinary semiotic systems. This translational abilities is of a great support for their effectiveness in their future professional activities because it require from them the abilities to communicate with stakeholders, final users, managers, CEO, etc.; all of which require to be effective in translating from their professional semiotic system to a trans-disciplinary one.

So, it can be easily concluded that peer reviewing for transdisciplinary communication not only fosters intellectual diversification but also reinforces neural pathways, enhancing adaptability and creativity.

## **Google Description**

Join Dr. Nagib Callaos at the inaugural AFTDC meeting for a groundbreaking keynote on the transformative role of student participation in peer review for transdisciplinary communication. Delve into the intellectual, educational, and pragmatic benefits as Dr. Callaos explores the impact on personal and societal good. Discover how this practice enhances critical thinking, intellectual diversity, and adaptability in the face of rapid technological and societal changes. Learn about the significant role of educational systems in fostering intellectual diversification and skill development. The keynote will highlight the unique value of engaging students in peer review processes, especially in transdisciplinary settings, underlining its necessity in preparing future professionals for effective cross-disciplinary and stakeholder communication. Don't miss this insightful session that promises to redefine the boundaries of academic collaboration and innovation.