

Inclusion of Students with Disability in Physical Education: Analysis of Trends and Best Practices

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Abstract. Inclusive physical education for students with disability evolved in line with ethical requirements and stakeholder morality. While inclusive physical education is embraced at a conceptual level and desired at the classroom level, the complexity of successful implementation often remains overlooked in policy and curriculum guidelines. The writing in this study uses a literature study by utilizing scientific journals index in Scopus from 1992 to 2022 by involving a total of 298 documents. The theme of last year's was about developing media with a subject focus on prospective teachers and students of physical education as research subjects. Currently, the research theme of students with disability in physical education is studying with a focus on developing awareness toward disabilities in physical education. Future research, physical educators conceptually embraced inclusive physical education with a creative outlook for collaboration, knowledge and support. Cooperative and supportive efforts between physical educators, students with disability, parents and teacher aides are valued in creating physical education environments that effectively respond to learner diversity. While access to practical teaching guidance remains scarce, this study may contribute to physical educator practice.

Key words: physical education, students with disability, SLR, trend, best practice

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INTRODUCTION

Inclusion of students with disabilities in school-based physical education has paralleled the global trend away from segregated learning environments and toward environments where students with disabilities are educated, supported, and achieve alongside peers (Hall-López et al., 2021; Hartwig & McMullen, 2021; Holland & Haegele, 2021; Kartavtseva et al., 2021; McKay et al., 2021). In response to student diversity, inclusive physical education is defined as an environment that provides appropriate physical education opportunities for students of all abilities and interest (Nanayakkara, 2022; Ocete et al., 2022; Pellerin et al., 2022; Pereira et al., 2022; Reina et al., 2022; Rodríguez-Servián et al., 2022). Both students with disabilities and their peers may benefit from inclusive physical education because it provides opportunities to develop motor skills, fitness, social skills, and relationships, which in turn influences peers' attitudes and awareness of students with disabilities (Jung et al., 2022; Lee et al., 2022; Li et al., 2022; McNamara et al., 2022; Mihajlovic & Meier, 2022; Mokmin & Rassy, 2022).

In conducting physical education, this research will describe a portrait of the development of trends in research that has developed and been implemented in the past and is currently happening and can find out the latest trends so that this research becomes a trend and best practice as an update to the research that has been done in the last twenty years (Giese et al., 2022; Grassi-Roig et al., 2022; Grenier et al., 2022; K. Holland et al., 2022; Jiménez-Monteaugado et al., 2022; Jung et al., 2022).

The word "trend" itself is a method or technique used in analyzing through statistical track records based on valid data so that it can find out the direction and goals and trends of problems that are becoming problematic for evaluation by providing best practice solutions in further research (Dillon et al., 2021; Fernández Batanero et al., 2021; Fröberg, 2021; García & González, 2021). Best practice can

be seen and achieved through success in overcoming problems (Alhumaid et al., 2022; Alshuraymi & Wright, 2022; Campos et al., 2022). Best practice is the most efficient way to solve a problem. Best practice can be obtained through trends or issues that are currently occurring or are the most topic of study in the problems discussed by researchers in their research (Abellán et al., 2020; S. K. Holland et al., 2019; Hutzler et al., 2019; Qi & Wang, 2018; Simões et al., 2018; Spirina & Shlykov, 2018; Van Munster et al., 2019). The most practical, systematic, efficient and effective way based on previously proven procedures. So it can be concluded that trends and best practices are the best way to solve a problem through steps or procedures that can be repeated and proven accurate so that they become a solution. practical and efficient.

Researchers describe it by paying attention to and analyzing physical education research in the past, namely in 1992 until 2022, as well as the trend of problems that continue to develop until now, then the results of the analysis in this study will become a trend. and best practice 2022 research on future physical education.

METHODS

This study used a systematic review design. The purpose of this study is to find out the direction and goals that are *trends* in past and current research problems as well as efficient and practical solutions so that they become the best solutions for other researchers for future research in physical education. It is hoped that this research can be a reference or view for other researchers who will carry out research in the field of physical education in order to find out the latest data analysis of research problems that are currently developing.

RESULT AND DISCUSSION

Writing in this study uses a sistematic literature review by utilizing scientific journals indexed by Scopus from 1992 to 2022 involving a total of 298 items.

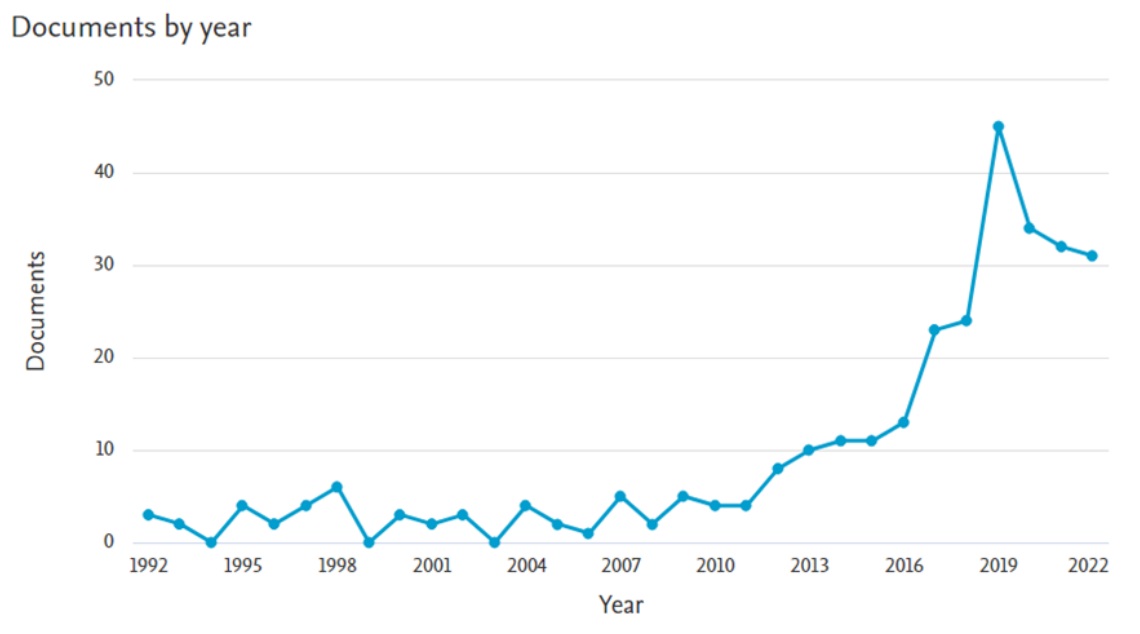


Figure 1. Document by Year 1992 until 2022, Source: Scopus

Scientific article that relates with keyword physical education and students with disability in 1992 until 2012 is less than ten article each year. In 2013 until 2015 there is increase publication less than 13 article each year. In 2017 until 2018 there is increase publication less than 25 article each year. In 2019 there is 45 article publish. In 2020 until 2022 was decrease only less than 34 article publish. In past ten year there is less author writing about physical education and students with disability, but currently the

trend was different, there is significant article aware about physical education and students with disability.

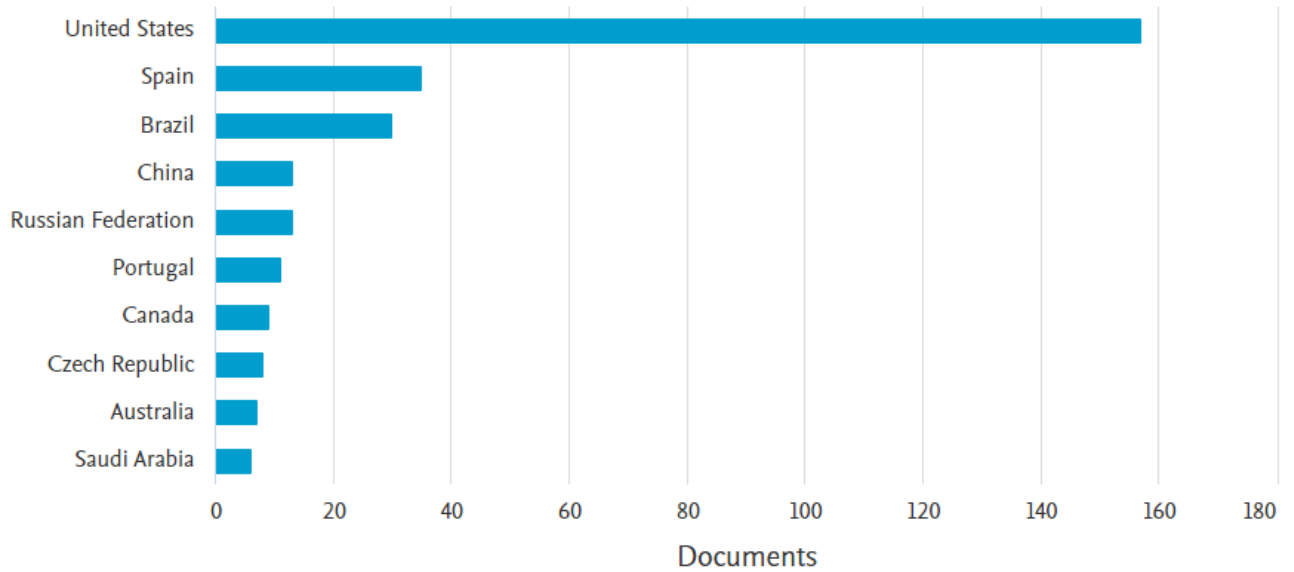


Figure 2. Document by Country or Territory 1992 until 2022, Source: Scopus

Scientific article that relates with keyword physical education and students with disability mostly write in United States. The second is Spain. The thirds is Brazil. The four is China. The Five is Russian. Who write about physical education and students with disability is the country that have big population in the world. From that we can know awareness about students with disability be priority.

Documents by subject area

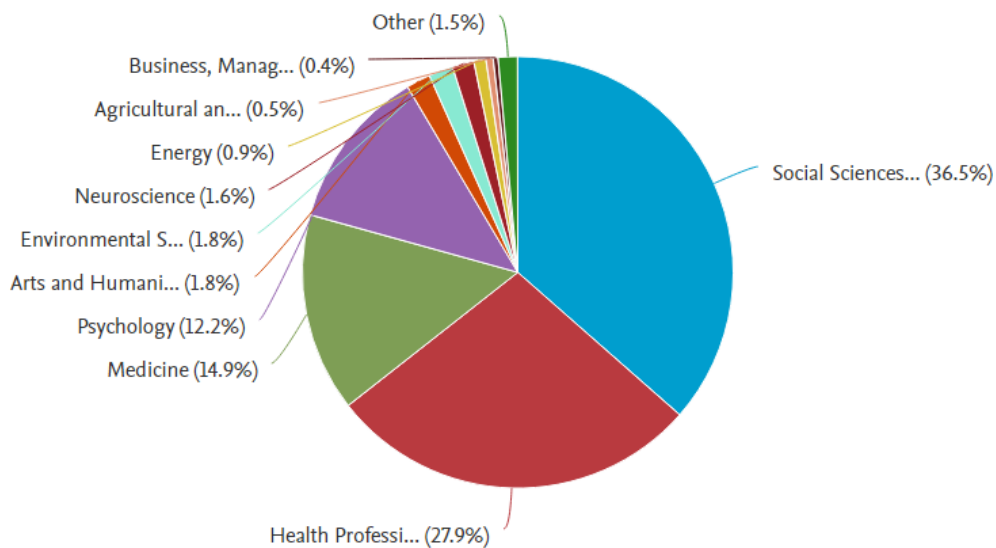


Figure 3. Document by Subject 1992 until 2022, Source: Scopus

Scientific article that relates with keyword physical education and students with disability mostly

related with subject social science, health professions, medicine, psychology, arts and humanities. The relate subject no mansion about sport science as the main subject in this keyword. Its necessary that with must increase publication relate to sport science.

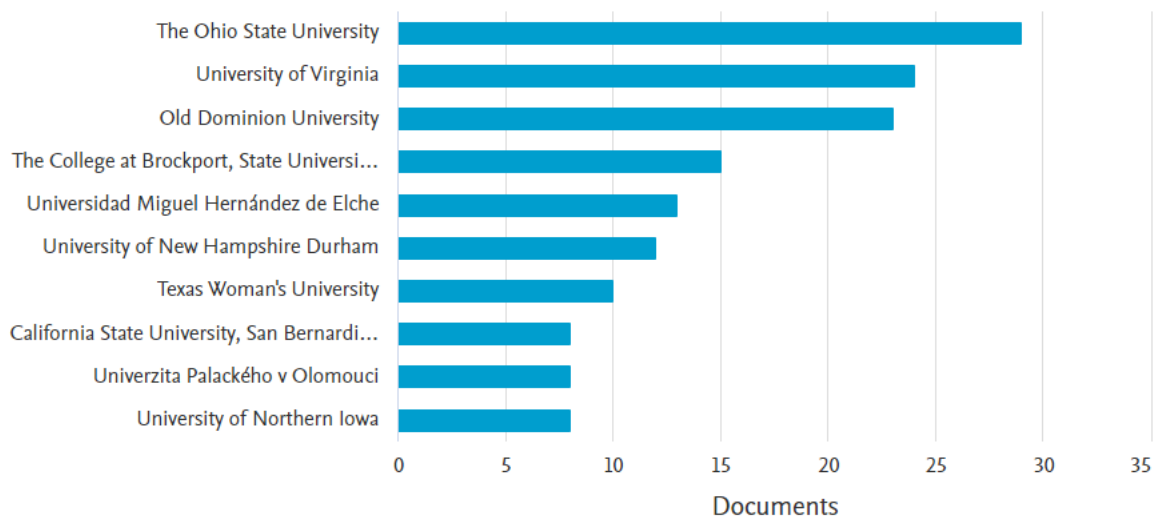


Figure 4. Document by Affiliation 1992 until 2022, Source: Scopus

Scientific article that relates with keyword physical education and students with disability mostly write in The Ohio State University, University of Virginia, Old Dominion University, The College at Brockport, State University of New York, Universidad Miguel Hernández de Elche, University of New Hampshire Durham, Texas Woman's University, California State University, San Bernardino, Univerzita Palackého v Olomouci, University of Northern Iowa.

CONCLUSION

The era of industrial revolution 5.0 which is growing rapidly has changed the way of thinking about education. Changes made in the current and future concept of require education to provide solutions to problems that arise. In an effort to overcome problems that arise in the learning process, namely by demanding prospective teachers or teachers in increasing learning creativity. In addition, by involving students directly in learning activities can improve students' thinking skills through the real world from the experiences they get. Involving him in team work and collaborating with peers in small projects can be a support in efforts to answer the challenges of 21st century learning.

Therefore, it is hoped that future research on physical education research will also examine awareness for students with disability by creating technology-assisted learning in an open, flexible project-based learning environment so that students are able to collaborate in developing their potential. Teachers are required to be able to implement the curriculum to innovate in learning with various approaches, models, strategies, methods, which are effective in preparing students' competencies and skills towards the 21st century.

DISCLOSURE STATEMENT

No potential conflict of interest was reported by the authors.

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