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THE RELATIONSHIP BETWEEN SPORT SOCIALIZATION AND SOCIAL INNOVATION WITH IMPLICATIONS FOR EDUCATION DEVELOPMENT: A REVIEW OF THE LITERATURE

This study explores the interplay between sport socialization, social innovation, and educational development, emphasizing their collective potential to address contemporary societal challenges. After reviewing global literature, this research captures diverse conceptual and methodological advancements. The findings highlight the synergistic relationship between these domains, demonstrating how sport-driven social innovation enhances educational outcomes, particularly for marginalized communities. Mechanisms such as life skills development, cognitive enhancement, and inclusivity promotion are explored alongside challenges including resource limitations, socio-economic disparities, and definitional ambiguities. This study bridges critical research gaps, offering novel insights into the role of sports in fostering educational equity and systemic change. The analysis underscores the need for interdisciplinary frameworks and policy interventions to fully harness the transformative potential of sports for sustainable social and educational development. These findings contribute to advancing theoretical knowledge and inform practical strategies for inclusive and impactful social innovation.

Keywords: sport socialization, social innovation, education development, literature review

САБОЛЬЧ НАГІ
ВЗАЄМОЗВ'ЯЗОК МІЖ СПОРТИВНОЮ СОЦІАЛІЗАЦІЄЮ ТА СОЦІАЛЬНИМИ ІННОВАЦІЯМИ З НАСЛІДКАМИ ДЛЯ РОЗВИТКУ ОСВІТИ: ОГЛЯД ЛІТЕРАТУРИ

Це дослідження досліджує взаємодію між соціалізацією спорту, соціальними інноваціями та освітнім розвитком, наголошуючи на їхньому колективному потенціалі для вирішення сучасних соціальних проблем. Після огляду світової літератури в цьому дослідженні фіксуються різноманітні концептуальні та методологічні досягнення. Результати підкреслюють синергетичний зв'язок між цими сферами, демонструючи, як соціальні інновації, орієнтовані на спорт, покращують освітні результати, особливо для маргіналізованих спільнот. Такі механізми, як розвиток життєвих навичок, покращення когнітивних функцій та сприяння інклюзивності, досліджуються разом із такими проблемами, як обмеженість ресурсів, соціально-економічні нерівності та неоднозначність визначень. Це дослідження заповнює критичні прогалини в дослідженнях, пропонуючи новий погляд на роль спорту у сприянні освітній справедливості та системним змінам. Аналіз підкреслює необхідність міждисциплінарних рамок та політичних заходів для повного використання трансформаційного потенціалу спорту для сталого соціального та освітнього розвитку. Ці результати сприяють поглибленню теоретичних знань та формують практичні стратегії для всеосяжних та ефективних соціальних інновацій.

Ключові слова: спортивна соціалізація, соціальна інновація, розвиток освіти, огляд літератури

Introduction. Social innovation and sport socialization represent two interrelated fields that have gained significant academic and practical attention for their potential to foster educational development and address pressing social challenges. Social innovation encompasses transformative solutions aimed at systemic improvements, particularly in addressing inequality, exclusion, and other complex societal issues (Howaldt et al., 2015). Similarly, sport socialization refers to the process by which individuals internalize norms, values, and behaviors associated with sports participation, enabling integration into both sporting and broader societal contexts (Schneider & Diehl, 2014). The nexus of these fields offers promising opportunities to advance education and promote social cohesion yet remains underexplored in scholarly research.

Research underscores the value of sports as a tool for personal and community development, with significant implications for education, health, and social integration (Creese & Blackledge, 2018; Varmus et al., 2021). However, existing studies often treat sport socialization, social innovation, and educational development as separate domains, leaving critical gaps in understanding their interplay and combined impact. Specifically, the literature lacks comprehensive analyses that integrate these concepts to explore how sport-driven social innovation can enhance educational outcomes and address inequities.

This study seeks to bridge these gaps by addressing the following research questions:

1. How does sport socialization contribute to social innovation?

2. In what ways can these combined processes influence educational development, particularly for marginalized communities?

These questions are particularly timely as educational systems globally grapple with challenges such as equity, inclusivity, and sustainability. By investigating the relationships among social innovation, sport socialization, and educational development, this research aims to provide a nuanced understanding of how sports can act as a catalyst for systemic educational improvements and social transformation.

The findings of this study have the potential to advance theoretical frameworks in both the sociology of sport and educational innovation, while also offering practical insights for policymakers and practitioners.

By addressing the identified research gaps and synthesizing diverse perspectives, this study contributes novel insights into the synergistic roles of sport socialization and social innovation in fostering educational development. This work underscores the importance of leveraging interdisciplinary approaches to address complex societal challenges, offering pathways for both academic advancement and practical impact.

Methodology. Following the "maximum variation" strategy (Gentles et al., 2016), this study seeks to capture a wide range of conceptual and methodological advancements in the relevant literature. The review examines the global state of research on social innovation, sport socialization, and educational development, focusing on publications indexed in the Scopus database.

Data for this analysis were obtained from Scopus during the latter half of 2024. Additionally, to enrich the scope and depth of the review, Open Access publications identified via Google Scholar were integrated into the dataset.

This review does not aim to quantify the prevalence of various methodological approaches or provide an exhaustive coverage of all publications within the field. Instead, its primary objective is to encompass a diverse array of conceptual perspectives on social innovation, sport socialization, and educational development, along with their interconnections. By doing so, the study seeks to provide a comprehensive yet feasible analysis of the topic.

The methodology for this study adhered to specific inclusion criteria to ensure relevance and rigor. Only peer-reviewed scientific articles were considered, with a thematic focus on social innovation, sport socialization, and educational development. The selected publications covered the period from 2000 to 2024, providing a comprehensive temporal scope for the analysis.

An advanced literature search was conducted using a carefully designed set of keywords and Boolean operators. The search terms included "social innovation," "sport socialization," and "educational development," as well as combinations such as "sport" AND "social innovation," "sport" AND "marginalized communities," "sport socialization" AND "disadvantaged," and "sport socialization" AND "educational development." To enhance the breadth of the search, wildcard operators (∗) were employed, capturing variations in word endings and ensuring a thorough retrieval of relevant studies.

This systematic approach facilitated the identification of a diverse range of literature, aligning with the study's aim of exploring conceptual and methodological advancements in the fields under investigation.

Sport socialization. Sport socialization involves organized school and club sports as well as non-organized leisure time physical activities, impacting the entire development of children and the biopsychosocial salutogenesis of adults (Schneider & Diehl, 2014). It can also be important for other domains of daily life, indicating that socialization in sport can influence socialization through sport.

Sport socialization is the multifaceted process by which individuals internalize norms, behaviors, and values associated with sports and physical activities, facilitating their integration into sporting contexts and broader societal frameworks. It encompasses the process through which individuals acquire values, behaviors, and attitudes related to sports and physical activity. Individuals adopt the social codes and collective values inherent in sports, often requiring conformity and the balancing of personal autonomy with group dynamics. This aspect reflects the conservative patterns of socialization typically associated with sports participation (Hendry, 2022). Traditional sports are frequently modified to promote inclusivity, fostering integration through mixed-gender, mixed-age, mixed-ethnic, and mixed-ability teams. These adaptations challenge rigid categorizations and emphasize sport's potential as a tool for social cohesion. As a significant component of societal culture, sports contribute to education, health, cultural awareness, and social development, reinforcing their importance in shaping community identity and well-being (Varmus et al., 2021). The sociology of sport recognizes its profound connection with societal dynamics, treating it as a critical domain for understanding broader cultural, political, and social processes (Horne et al., 2014).

Sport socialization thus represents both an individual and collective experience, situated at the intersection of historical evolution, sociological inquiry, and cultural integration, making it a vital mechanism for fostering social connectivity and personal development.

Sport socialization is frequently examined through the lens of theoretical frameworks such as social identity theory and self-categorization theory. These theories provide a conceptual foundation for understanding sport psychology by positing that groups can become integral components of an individual's self-concept. This integration significantly influences various dimensions of sport-related behavior, including group dynamics, formation and development of teams, social support, stress appraisal, and leadership processes (Rees et al., 2015).

The impact of sport socialization on identity formation can be two-folded. The process of sport socialization plays a significant role in shaping an individual's sport identity and student identity. However, participation in school sport competitions does not inherently result in modifications to these identities (Pot et al., 2014). Sport socialization functions as a critical determinant of individuals' sport-related behavior by becoming integrated into their self-concept (Rees et al., 2015)

According to Xu et al. (2024) sport socialization plays a pivotal role in the formation and perpetuation of gender norms and stereotypes. Gender perceptions of sports are influenced by factors such as gender role beliefs, participation in sports, and consumption of sports media. These influences contribute to the categorization of sports into masculine, feminine, neutral, and lifestyle-oriented classifications. Moreover, men are more likely than women to perceive sports as significantly more masculine, reflecting a gendered interpretation of sports rooted in societal norms and cultural beliefs.

Sport socialization processes exhibit notable differences between individual and team sports. In team sports, socialization strategies are implemented to integrate new members into existing teams. These strategies aim to establish congruence between the role expectations of incoming athletes and team leaders, striking a balance between fostering conformity to group norms and encouraging the expression of individual personalities within the team (Benson et al., 2016). Additionally, the structural frameworks inherent in sports can influence interactions among teammates, potentially leading to the formation of subgroups. These dynamics can be effectively managed through deliberate team-building initiatives, active engagement with team leaders, and prioritization of clear and open communication (Saizew et al., 2021).

Sport socialization involves the development of values, behaviors, and attitudes associated with sports and

physical activity, shaping identity formation, gender norms, and distinctions between individual and team sports. This process is influenced by frameworks such as social identity theory, gender perceptions, and socialization strategies employed in team sports.

Based on the previously outlined process, the definition of sport socialization can be formulated as follows. Sport socialization is the process through which individuals internalize norms, values, and behaviors associated with sports, shaped by historical evolution and sociocultural dynamics. It encompasses both the conservative aspects of conformity and collective identity within sports contexts and the inclusive adaptations of sports to promote social integration across diverse groups, reflecting the intricate interplay between sports and broader societal, cultural, and historical forces.

Social Innovation. This section explores the defining features of social innovation, its distinctions from traditional innovation, examples of successful initiatives, and the challenges and barriers to its implementation.

Social innovation encompasses novel approaches designed to address pressing social problems or needs and has garnered increasing attention in academic discourse and policymaking (Rajasekhar, 2020). It is broadly defined as an intervention aimed at inducing structural transformations within the social sphere, with a focus on systemic improvements that enhance societal well-being (Satalkina & Steiner, 2022).

Social innovation is recognized as a sustainable approach to addressing complex societal challenges, including climate change, environmental degradation, youth unemployment, and social exclusion (Howaldt et al., 2015). According to Nicholls and Dees (2015) it entails the creation of new patterns of human interaction, social structures, and relationships to address societal or environmental issues and to resolve specific social market failures or unmet needs. As "social in both their ends and means," social innovations foster new social relationships and collaborations while responding to distinct societal needs.

The primary objective of social innovation is to provide sustainable solutions to complex and persistent social challenges, including climate change, environmental degradation, and social exclusion (Howaldt et al., 2015). Over time, the concept has evolved in response to shifting social needs and relations, becoming a key focus in both scholarly inquiry and policy frameworks (Rajasekhar, 2020).

Social innovation refers to interventions designed to achieve systemic improvements within societies, addressing complex and persistent social challenges while adapting to evolving social needs and relationships.

Unlike traditional innovation, which primarily emphasizes the development of new products or technologies for market-driven success, social innovation focuses on social mobilization and creating systemic improvements in society to address sustainability challenges. Often framed as an alternative to dominant entrepreneurial approaches to technological innovation, social innovation prioritizes bottom-up processes that drive meaningful and inclusive social change (Godin et al., 2021).

Prominent examples of social innovation include The United Nations' Sustainable Development Goals (SDGs), which highlight social innovations as critical drivers for addressing global social, economic, and environmental challenges (Cuntz et al., 2020), and also various initiatives aimed at theoretical advancements, empirical experimentation, and the development of technological platforms to tackle societal issues (Romero et al., 2016), as well as projects ranging from small-scale, grassroots efforts addressing market failures to large-scale interventions targeting systemic social change (Baptista et al., 2019).

Social innovation offers a transformative approach to addressing societal challenges through systemic improvements and fostering new social relationships and collaborations. Distinct from traditional innovation, it emphasizes social mobilization, sustainability, and impact. Successful initiatives demonstrate their applicability at both grassroots and systemic levels. However, persistent challenges, including definitional ambiguity and empirical investigation difficulties, must be addressed to fully realize its potential.

Despite its potential, the implementation of social innovation faces significant challenges. The concept remains not well-defined, subject to varying interpretations, and lacking in scientific clarity, which complicates its practical application (Solis-Navarrete et al., 2021). Additionally, difficulties in empirically investigating the processes and effects of social innovation further hinder its development and scalability (Von Jacobi & Chiappero-Martinetti, 2017). The absence of clear conceptual boundaries exacerbates confusion and impedes efforts to implement social innovation effectively.

In spite of its growing prominence, the concept of social innovation remains ambiguous and subject to diverse interpretations, characterized by multiple definitions and fluid boundaries. Although it is widely assumed that social innovation can drive social change, the precise nature of the relationship between these phenomena requires further investigation (Howaldt et al., 2015).

The role of sport in social innovation. This section examines the social benefits, economic implications, and challenges associated with integrating sports into social innovation initiatives. Incorporating sports into social innovation yields significant social benefits, particularly in promoting inclusion and accessibility (Tjønndal, 2017; 2021a; 2021b). Through social innovation, efforts are made to enhance the accessibility and inclusivity of sports by addressing contemporary issues such as digitalization, urban planning, and gender equality (Tjønndal, 2021a). These initiatives often target gender equality, radical innovation, and social inclusion, thereby fostering opportunities for social transformation and development (Tjønndal, 2021b). According to Galarraga et al. (2018), opportunities lie in the potential of sports to drive social and cultural innovation, creating value in a multidimensional way (economic, technological, athletic, social, and cultural).

Sports also play a pivotal role in community development. By serving as a platform for cultural

awareness, education, health promotion, and socio-economic development, sports offer alternatives to conflict and delinquency, instilling hope and meaning in marginalized communities (Varmus et al., 2021). Furthermore, sports have demonstrated utility as a medium for pedagogical innovation. Social innovation in sport can be implemented through the development of new pedagogical solutions, particularly in the field of education, psychosocial support, and social inclusion (Tjønndal, 2021b).

Sport socialization paves the way for non-profit interests to benefit the sports industry in terms of social value creation, as demonstrated by examples such as the bicycle training project, street football, and the non-profit social venture of sports equipment lending service (Schenker et al., 2021). Further examples are the introduction of the Youth Olympic Games and the inclusion of women's boxing in the London 2012 Olympic Games (Tjønndal, 2021a).

Initiatives like the Playlab focus on developing new educational strategies, psychosocial support systems, and social inclusion programs through sports (Blough, 2022). PLAY International, through its pioneering initiative Playlab, exemplifies the transformative potential of sport and play as mechanisms for social innovation. Established in 1999, the organization has utilized sport as a fundamental tool to address societal challenges, including trauma recovery, health promotion, and educational barriers in diverse contexts such as Bolivia, Sri Lanka, and Afghanistan. Over two decades, PLAY International has showcased the universal applicability of sport as a cost-effective, resource-efficient approach to fostering education, social cohesion, and community mobilization. Key innovations like "Playdagogy" highlight the potential of playful learning to tackle critical issues such as sedentary lifestyles and high school dropout rates. Despite its demonstrated efficacy, sport remains underutilized in addressing global challenges. PLAY International emphasizes the need for collaborative coalitions among NGOs, social enterprises, and public actors to integrate sport into frameworks for achieving the United Nations Sustainable Development Goals (SDGs), particularly in education, poverty alleviation, and environmental sustainability (Play International, 2024).

In the broader context of community development and social change, sports-based social innovation has been shown to influence both policy and practice. Research highlights its capacity to drive social entrepreneurship and innovation, particularly within the framework of Swedish sports policy, where sports function as a socio-political and organizational tool to address community needs (Schenker et al., 2021). Moreover, sports contribute to social value creation. Instances of social entrepreneurship and innovation within sports illustrate their potential to generate societal benefits and enable non-profit organizations to facilitate social change (Kosmynin & Ljunggren, 2021).

The effectiveness of sports socialization in community development is influenced by the complexity involved in achieving targets and the need to avoid a 'tick-box' approach, emphasizing the importance of working authentically with communities to place them at the heart of delivery (Mori, 2023). Involvement in sports clubs and at least some types of sports infrastructure can constitute a valid tool for social policies aiming at improving social involvement, suggesting the self-triggering character of sports activity as a valuable asset for social impact regionally and beyond (Biernat et al., 2020)

The economic implications of sports-based innovation are equally noteworthy. Technological advancements in sports, ranging from equipment innovation to the evolution of sports media, are reshaping the sports industry. A predictive model suggests that technology-enhanced sports will dominate the future sports landscape, underscoring the economic significance of such innovations (Potts & Thomas, 2015). A typology of sport innovation highlights its multifaceted nature, encompassing social, technological, commercial, community-based, and organizational dimensions, thereby demonstrating its diverse economic impacts. Tjønndal (2017) proposed that innovation in sport can be classified into at least five distinct categories: social innovation, technological innovation, commercial innovation, community-based innovation, and organizational innovation.

Despite its benefits, the use of sports as a tool for social innovation is not without challenges. One key consideration is the application of sociological imagination to critically evaluate the potential and limitations of sports in fostering social good. Research underscores that, in some contexts, sports may not effectively promote inclusivity or foster meaningful connections (Platts & Wilson, 2018).

Additionally, the innovation dynamics within sports are complex and multidimensional, spanning economic, technological, athletic, social, and cultural dimensions. This complexity necessitates a comprehensive examination of the processes involved in creating value across these domains, revealing inherent challenges and limitations in utilizing sports for social innovation (Galarraga et al., 2018).

Sports socialization contributes to social innovation by creating new solutions through technology and innovative structures of cooperation between different organizations (Blough, 2022). Sports socialization has the potential to promote social cohesion and integration, as well as contribute to the development of physical, social, and cultural aspects of individuals and communities (Nałęcz et al., 2020). Social innovation in sport can lead to the development of more creative and sustainable organizations that successfully adapt to changing environments and social issues (Svensson & Mahoney, 2020).

Integrating sports into social innovation initiatives offers substantial social benefits, including enhanced inclusion, community development, and social change, alongside significant economic implications. However, it is essential to acknowledge the associated challenges and limitations, particularly in understanding the nuanced dynamics of sports-based innovation. While existing research provides valuable insights into the potential advantages of this integration, further exploration is needed to address gaps in the literature, particularly

concerning economic implications and the contextual limitations of sports as a vehicle for social innovation.

The impact of sport socialization on social innovation. The impact of sport socialization on social innovation is a complex and multifaceted topic, as evidenced by the diverse range of perspectives and insights provided in the literature.

Research demonstrates a strong correlation between innovativeness, social capital, and participation in sport at the national level in Europe, highlighting the potential causal relation between sports, social capital, and innovativeness. An analysis of European countries based on their levels of innovation, sports activity, and social capital identified four distinct clusters. Countries with high innovation, such as Sweden, Finland, Denmark, and the Netherlands, demonstrated elevated levels of sports participation and social capital. In contrast, most Central and Eastern European nations exhibited the lowest indicators for sports activity, innovation, and social capital, particularly in the latter domain.

The findings suggest that sports activities, through their socializing effects, have the potential to promote innovation over the long term. Investment in sports development across European countries could contribute to sustainable development and the achievement of Sustainable Development Goals (SDGs). This process extends beyond the direct objectives of sports, fostering economic development by enhancing social capital, strengthening social networks, and promoting community associations. (Nałęcz et al., 2020). The concepts of social entrepreneurship and social innovation are discussed in relation to sports, emphasizing their potential to create social value within the sports industry (Schenker et al., 2021)

As for the ethical considerations in the relationship between sport socialization and social innovation, the motives of companies supporting and sponsoring social actions or projects developed through sport events are analyzed, with a core motive identified as social responsibility, which can be linked to ethical considerations in the relationship between sport socialization and social innovation (Miragaia et al., 2017).

It is evident that the impact of sport socialization on social innovation is a rich and evolving area of study, with potential implications for various aspects of society and the sports industry.

Organizational infrastructure, encompassing culture, leadership, paid staff, and financial resources, serves as a foundational enabler of social innovation within sport organizations (Svensson & Mahoney, 2020). Furthermore, social entrepreneurship and innovation facilitate the integration of non-profit interests into the sports industry, contributing to the creation of social value (Kosmynin & Ljunggren, 2021).

The characteristics of sports teams' fan communities, including their relative size and entitativity, significantly influence the processes and outcomes of sport socialization (Asada & Ko, 2019). Effective socialization within sports is further impacted by community engagement, innovation capacity, and organizational infrastructure, collectively fostering social innovation and generating diverse forms of social value. Psychological

and sociological mechanisms, such as community influence and intraorganizational dynamics, underpin these processes.

Nevertheless, notable challenges persist. Resource support for voluntary sports clubs remains insufficient, highlighting the need for policymakers at various levels to provide targeted assistance for initiatives aimed at specific groups (Corthouts et al., 2020). Additionally, the absence of standardized definitions and metrics for social cohesion within sport programs complicates the identification of successful strategies and the development of theoretical frameworks (Moustakas & Robrade, 2023). Addressing these issues is essential to fully harness the potential of sport for social value creation and innovation.

Sports socialization as a tool for community development and empowerment. Sports socialization serves as a valuable tool for community development and empowerment through various mechanisms. Sports initiatives and clubs play a pivotal role in engaging children and youth, fostering collaboration among charities and non-profit organizations, and expanding opportunities for adults and seniors to participate in sports and recreational activities. Furthermore, major sport events have been associated with promoting social inclusion, enhancing national and local pride, and increasing social capital, which positively influences social ties, relationships, and attitudes (Czupich, 2020).

In the context of youth development and social cohesion, children's participation in sports is critical for their physical and social growth, necessitating efforts to ensure equitable access to sports opportunities for all children (Butler et al., 2024). Sport has also been identified as a vehicle for promoting social cohesion, with a conceptual framework linking practices, mechanisms, and outcomes to guide program design and implementation effectively (Moustakas, 2024).

Regarding capacity building and community empowerment, professional sports teams often engage in community-focused activities addressing health and education, with a particular emphasis on philanthropy, activation, and capacity building, though these efforts may vary regionally (Rowe et al., 2019). Sport-for-development programs have demonstrated the ability to create socially cohesive spaces that enhance individual, group, and community capacities, contributing to improved outcomes and fostering sustainable community development (Philip et al., 2023)

Sports initiatives are increasingly recognized as valuable instruments for social development, yielding benefits such as enhanced social inclusion, strengthened national and local pride, and improved social capital. For example, authorities in London have actively promoted sports and physical activities as strategies to mitigate rising healthcare costs, address social inequalities, and reduce youth crime, leading to measurable economic advantages (Czupich, 2020). Moreover, research underscores the universal relevance of sport across cultures, where it serves as a source of hope and meaning for individuals in impoverished and vulnerable communities (Varmus et al., 2021).

Sport has been identified as a compelling motivator for learning and a powerful tool for empowerment across

educational levels. Participation in sports organizations is associated with increased social connectedness, supporting the premise that involvement in sports predicts and fosters stronger social ties (Hoye et al., 2015).

Key factors influencing the success of sports-based community development programs include the pivotal role of coaches, who must establish trusting, professional relationships with participants to ensure program efficacy (Crisp, 2020). Additionally, sport-based initiatives often attract significant interest from residents, funders, and policymakers. By incorporating principles of community capacity building, such initiatives are uniquely positioned to enhance sustainable community health development efforts (Edwards, 2015).

The literature substantiates the role of sports socialization as a driver of community development and empowerment, emphasizing its positive impacts on social inclusion, physical and mental health, and the strengthening of social ties and relationships. It also highlights the significance of community engagement and the role of sports organizations in fostering social connectedness. Furthermore, the research provides valuable insights into effective strategies and best practices for integrating sports into community development initiatives, ensuring their long-term success and sustainability.

The role of sports in promoting social inclusion and breaking down barriers within marginalized communities can be understood through the psychological benefits of sports, the contribution of sports programs to the empowerment of marginalized communities and individuals, the economic impacts of sports programs, and the key challenges in using sports to promote social inclusion within marginalized communities.

Sports have been identified as a critical mechanism for fostering social inclusion and dismantling systemic barriers within marginalized communities. Although widely acknowledged as a means to enhance social cohesion, participation in sports often remains stratified along socio-economic lines, thereby excluding marginalized groups from accessing its associated benefits (Lange et al., 2024). When thoughtfully designed and effectively implemented, sport-based programs possess the potential to empower disenfranchised individuals, offering inclusive opportunities that contribute to enhanced social integration. Participation in sports has been observed to modestly increase cultural, social, and economic capital for disadvantaged youths, highlighting the potential psychological benefits of sports in promoting social inclusion within marginalized communities.

However, the existing literature underscores several challenges and barriers encountered by marginalized populations in such programs. These include limited transferability of program outcomes, high attrition rates among youth participants, and the unsustainable engagement of program facilitators or social workers (D'Angelo et al., 2021). Furthermore, recruitment strategies within sport-based interventions frequently fail to engage young individuals experiencing acute or complex social exclusion, thereby compromising the inclusivity and effectiveness of participant outreach efforts (Morgan & Battle, 2019).

To advance social inclusion, it is imperative to address these barriers through the development of more inclusive systems, the implementation of innovative approaches to reduce obstacles to youth sports participation, and the recognition of diverse social outcomes achievable through sports (Butler et al., 2024). Such measures are essential to ensuring equitable participation and sustained impact of sports within marginalized communities.

As far as the contribution of sports programs to the empowerment of marginalized communities and individuals concerned, sport-based interventions have emerged as a promising mechanism for fostering social inclusion among marginalized youth populations (Morgan & Parker, 2022). However, recruitment strategies employed within these interventions often fail to engage individuals experiencing more complex or acute forms of social exclusion, presenting significant challenges in reaching the most marginalized youth (Morgan & Battle, 2019). Nonprofit sports clubs have demonstrated the capacity to reduce barriers for socially disadvantaged groups, while local sports authorities and sports federations play a crucial role in supporting and incentivizing clubs to adopt and implement social inclusion policies (Vandermeerschen et al., 2017a).

Despite these promising developments, substantial challenges persist in leveraging sports to promote social inclusion within marginalized communities. These include the limited transferability of program outcomes for youth living under conditions of severe vulnerability, high dropout rates among these individuals, the unsustainable involvement of program social workers, and deficiencies in sports club management skills (D'Angelo et al., 2021). Moreover, the pressure to meet participation targets often compels organizations to prioritize efficiency in recruiting participants, potentially excluding youth in greater need of intervention and support (Morgan & Battle, 2019).

Evidence underscores the psychological and social benefits of sports in empowering disadvantaged individuals, including the enhancement of cultural, social, and economic capital through sport programming. However, persistent challenges in effectively engaging marginalized youth and the broader economic implications of sports programs in promoting social inclusion necessitate further empirical investigation.

Effective strategies for using sports as a tool for empowering marginalized communities. The literature highlights several effective strategies for leveraging sports to empower marginalized communities, including the development of inclusive sport policies, the revival of recreational sports, and the engagement of marginalized youth.

Inclusive sport policy requires acknowledging the diverse social outcomes that sports can achieve beyond athlete development. Policymakers and practitioners must recognize these broader benefits and adjust resource allocation accordingly to foster a more inclusive and equitable sport policy framework (Rich & Misener, 2019).

Reviving recreational sports involves ensuring that all children have access to sports opportunities, emphasizing participation for health benefits and enjoyment rather than solely prioritizing competition and performance. Interventions can be implemented across multiple levels—interpersonal, organizational, and public policy—to reinvigorate recreational sports and enhance their accessibility (Butler et al., 2024).

Sports-based interventions are particularly effective in facilitating the social inclusion and assimilation of marginalized youth, challenging dominant narratives about the instrumental use of sport in such contexts (Morgan & Parker, 2022). Recruitment strategies within these interventions play a critical role in effectively engaging and involving marginalized youth populations (Morgan & Battle, 2016).

These strategies underscore the transformative potential of sports as a tool for fostering inclusion, empowerment, and community development across diverse social settings.

Sport socialization of the disadvantaged. The relationship between sport and social inequalities, as well as the determinants of sport participation among marginalized populations, has been extensively examined in academic literature. Sports participation is often socially stratified, with marginalized groups disproportionately excluded, thereby exacerbating social exclusion (Lange et al., 2024). Social exclusion in sports is closely linked to socioeconomic disadvantages, including poverty, unemployment, and low educational attainment, and extends to broader social inequalities related to gender, age, residence, and disability. In Southern, Central, and Eastern Europe, opportunities for regular sports participation are limited for the majority of the population. Analyzing student sport activity in five Central and Eastern European countries, Kovács & Pusztai (2024) found that while higher social status correlates with greater sports participation, factors such as gender, habitus, parental sporting environment, and sporting peers significantly contribute to regular involvement in sports. Sport serves as both a reflection and reinforcement of broader societal hierarchies, acting as a site of inclusion and exclusion and contributing to social stratification (Spaaij et al., 2015). Structural shifts, such as increased diversity and reduced government investment in social services, have amplified inequality in sports, underscoring the importance of addressing social disparities in physical activity and sport (Petry et al., 2022). Proponents of sport and physical activity emphasize its potential to address the needs of those at the social, economic, and geographic margins, advocating for its integration into broader strategies to promote social justice (Darnell & Millington, 2019).

The socialization process into sports for young adolescents from lower socioeconomic status (SES) families is influenced by family, peers, and the type of sport chosen, with the role of SES being less pronounced than often assumed. Parents were found to be the main influencers of the sports habitus of young adolescents from lower SES families, while peers had an influence on the choice of a specific type of sport (Pot et al., 2016).

Nonprofit sports clubs play a role in reducing the gap in sports participation for socially disadvantaged groups, and local sports authorities and sports federations have an important part to play in supporting and encouraging sports clubs in terms of social inclusionary policies (Vandermeerschen et al., 2017a)

Structural efforts are needed to reduce the gap in sports participation, and activities need to be organized in a financially, socially, and physically safe way to enhance the actual opportunities for doing sports for people in poverty (Vandermeerschen et al., 2017b).

In conclusion, the role of sport socialization in the development of disadvantaged individuals is influenced by social stratification, family, peers, and the type of sport chosen. Barriers to sport socialization include social exclusion, scarcity of resources, and inequality within society. To effectively socialize disadvantaged individuals through sports programs, efforts are needed to reduce the gap in sports participation and ensure that activities are organized in a safe and inclusive manner. While literature provides insights into the challenges and potential solutions related to sport socialization for disadvantaged individuals, there is a need for further research and nuanced interventions to address these complex issues.

The relationship between sport socialization and educational development. The interplay between sport socialization and educational development is a burgeoning area of academic inquiry, underscoring the multidimensional benefits of sports in shaping cognitive, social, and emotional capacities. This section examines how sport socialization contributes to educational development by fostering life skills, promoting inclusive practices, and enhancing overall academic outcomes. It highlights theoretical foundations, empirical evidence, and practical implications, while addressing challenges and proposing strategies for integrating sports into educational frameworks.

Educational development represents a core priority within the framework of the Sustainable Development Goals (SDGs), emphasizing the enhancement of education standards in contemporary society (Anam et al., 2020). This concept encompasses the acquisition of knowledge, skills, and values that enable individuals to make meaningful contributions to personal and societal advancement. It seeks to cultivate globally minded and critically engaged citizens committed to social transformation and the promotion of human rights. Although the term lacks a universally accepted definition due to its evolving nature, it generally signifies an educational process aimed at fostering equity, sustainability, and social justice (Santamaría-Cárdaba, 2020). Broadly, educational development refers to the systematic growth and refinement of educational practices, theories, and paradigms, with the ultimate goal of improving learning outcomes and enriching the educational experiences of students (Taylor, 2005).

As far as its theoretical foundations are concerned, Bandura's Social Learning Theory (Bandura, 1977) posits that individuals acquire knowledge and behaviors through observation and interaction within social contexts. Bandura's approach suggests that individuals can learn by observing others' behaviors and their consequences. It

emphasizes the importance of observational learning and cognitive factors in the learning process, moving beyond traditional behaviorism's focus on environment (Li, 2009). The theory posits that learning occurs through observing, modeling, and imitating others' behaviors, attitudes, and emotional responses. Sport socialization exemplifies this process, as participants learn teamwork, discipline, and problem-solving skills, which are transferable to educational settings.

Bourdieu's concepts of social and cultural capital (Bourdieu, 1986) are fundamental to understanding societal structures and inequalities. Cultural capital refers to knowledge, skills, and behaviors acquired through socialization, often influenced by one's surroundings (Huang, 2019). It exists in embodied, objectified, and institutionalized forms and involves resources derived from durable networks (Mishra, 2012). These concepts are frequently applied in education research to examine how privileged groups maintain their status through accumulation of capital. For instance, wealthy parents can provide their children with better educational opportunities, leading to increased cultural capital in the form of academic qualifications (Cochrane, 2012).

Participation in sports fosters social networks and cultural competencies that enhance access to educational opportunities and resources.

The relationship between sport socialization and educational development is facilitated through several interconnected mechanisms, including the development of life skills, the enhancement of cognitive abilities, and the promotion of inclusivity.

• Development of Life Skills: Research consistently demonstrates that participation in sports during adolescence fosters the development of essential life skills. These skills include goal-setting, time management, leadership, teamwork, and communication (Acak et al., 2023). Studies have shown that these competencies are transferable to other life domains, including academic contexts (Bean et al., 2016).

• Enhancement of Cognitive Abilities: Research suggests that physical activity and sports participation positively impact cognitive functions and academic performance in children. Engagement in sports during late childhood has been shown to enhance cognitive and emotional functions (Bidzan-Bluma & Lipowska, 2018). Physical activity is associated with improved cognition, brain structure, and function, although findings are inconsistent and more research is needed to determine optimal types and amounts of activity (Donnelly et al., 2016). Experimental studies have demonstrated increased attention and acute gains in mental performance immediately following sports activities (Trudeau & Shephard, 2010).

• Promotion of Inclusivity: Sports play a crucial role in promoting social inclusion and health, particularly in marginalized communities (Karstensen et al., 2024). They enhance social networks, community cohesion, and break down barriers, fostering a sense of belonging and empowerment. However, socioeconomic barriers such as economic constraints and inadequate access to facilities can impede participation, especially in urban areas

(Goyal, 2024). Common motives for physical activity include health benefits, well-being, and social interaction, while barriers include time restrictions, financial limitations, and lack of facilities (Pedersen et al., 2021). These barriers and motives vary across different social backgrounds, including age, socioeconomic status, gender, ethnicity, and disability.

These mechanisms underscore the multifaceted ways in which sport socialization contributes to the broader goals of educational development.

Numerous studies underscore the positive correlation between sports participation and educational outcomes including improved academic performance, behavioral benefits and social integration.

• Improved Academic Performance: Research indicates that students involved in sports exhibit higher grades and graduation rates compared to non-participants. Research consistently demonstrates a positive relationship between athletic participation and academic performance in high school and college settings. At the collegiate level, NCAA Division I athletes showed higher GPAs and graduation rates than non-athletes (Hildenbrand et al., 2009). This trend extends to NCAA Division III, where non-transfer student-athletes outperformed non-athletes academically, and all athletes had higher graduation rates (Robst & Keil, 2000). The benefits of sports participation are not limited to varsity athletics; club and intramural sports participants were more likely to report higher grade averages than non-participants, with club sports showing the strongest positive relationship (Vasold et al., 2019).

• Behavioral Benefits: Sports engagement reduces behavioral issues and fosters positive attitudes toward learning. ports engagement and physical activity can positively impact students' behavior and attitudes towards learning. A study found that a program involving sports participation reduced absenteeism and improved educational expectations and engagement (Marvul, 2012). Similarly, teaching mathematics in a sporting context increased students' confidence, awareness, and engagement (Sanchal & Sharma, 2017). Classroom-based physical activity has been shown to significantly improve behavioral engagement in elementary school children with learning difficulties (Harvey et al., 2017). Sports participation, as the most common out-of-school activity, is associated with positive developmental outcomes such as higher academic performance, increased likelihood of college attendance, and greater job satisfaction (Zarrett et al., 2007).

• Social Integration: Sports programs targeting marginalized populations have demonstrated success in integrating students into mainstream educational systems. Sports programs have shown promise in promoting social inclusion and integration of marginalized youth populations. These interventions can facilitate recognition, acceptance, and social assimilation by fostering strong interpersonal relationships and trust between participants and coaches (Morgan & Parker, 2017). After-school sports programs in culturally diverse contexts have successfully developed interpersonal skills and cross-cultural relationships among students (Carter-Thuillier et al., 2023). Such programs have been

implemented in various settings, including refugee camps (Cheung-Gaffney, 2018) and low-income communities (Forneris et al., 2016). Key factors contributing to their success include incorporating traditional games from diverse cultures, employing teachers with experience in multicultural contexts, and focusing on socio-educational values (Carter-Thuillier et al., 2023). While conventional metrics of social inclusion often emphasize education and employment, sports-based interventions can offer alternative pathways to integration by building self-worth and promoting pro-social development among marginalized youth (Morgan & Parker, 2017).

There are also some challenges and barriers related to sport socialization in educational development, which involves inequality in access, resource limitations and lack of alignment between sports and education.

• Inequality in Access: Socio-economic disparities limit access to sports opportunities, disproportionately affecting underprivileged students and diminishing the potential educational benefits. Children from low-affluence families face multiple barriers, including financial constraints, limited access to facilities, and transportation issues (Tandon et al., 2021). These inequities disproportionately affect ethnic minorities and lower-income populations, resulting in lower participation rates and fewer sports sampled (Tandon et al., 2021).

• Resource Limitations: Schools often face budgetary constraints that hinder the integration of sports into educational frameworks, particularly in low-income regions. Low-income schools often face resource limitations, including insufficient facilities, funding, and trained staff, which hinder the implementation of effective physical education and sports activities. These constraints can lead to inequalities in access to sports opportunities, particularly affecting students from low-income families (L. Sulz et al., 2022).

• Lack of Alignment Between Sports and Education: A disconnect between sports programs and educational goals, potentially limiting the effectiveness of sport in promoting academic and social development. Newland et al. (2013) found a fundamental disconnect between program vision and implementation in after-school sports programs, highlighting the need for improved curriculum design and instructor training. Jiang & Yin (2022) emphasize the importance of social skills coaching and sports coaching in academic and career development, though their study found mixed results regarding organizational climate as a mediator.

As far as the policy implications and recommendations are concerned, educational policies should promote the integration of sports programs within academic curricula to maximize their developmental impact. Integrating sports programs within academic curricula can maximize their developmental impact on students. Research suggests that successful sport for development initiatives should incorporate practical and theoretical evaluation, foster cultural experiences, and cultivate sustainability (Lecrom & Dwyer, 2015). A framework for school sport psychology emphasizes the educational benefits of sports participation, including physical, mental, and emotional development (Maker,

2005). To implement comprehensive physical activity programs, school-community partnerships are recommended, involving stakeholders at school, family, and community levels (Van Acker et al., 2011). These partnerships can be extended to regional levels covering multiple communities. Additionally, a framework for planning youth sport programs that promote psychosocial development has been proposed, emphasizing the need for specific content and implementation strategies to achieve positive outcomes (Petitpas et al., 2005). These frameworks collectively highlight the importance of integrating sports programs within educational settings to enhance their developmental impact on students.

Increased funding for sports infrastructure and programs in schools, especially in underserved areas, is critical for fostering equitable access. Increased investment in infrastructure, including sports facilities and educational programs, can significantly reduce inequality and enhance student success. Crampton et al. (2004) emphasize the critical role of physical school environments in student achievement, highlighting the need for equitable infrastructure funding. Singh (2024) underscores the importance of comprehensive infrastructure in physical education programs for promoting overall well-being and inclusive participation. Hooper et al. (2018) provide empirical evidence that infrastructure spending, particularly on highways and higher education, correlates negatively with income inequality, especially benefiting the bottom 40% of income distribution. Their studies suggest that infrastructure investments improve access to job and education opportunities, thereby reducing inequality. These findings collectively support the notion that increased funding for sports infrastructure and programs in schools, especially in underserved areas, is crucial for fostering equitable access and reducing socioeconomic disparities.

Professional development programs for educators and coaches should emphasize the dual role of sports in fostering physical and cognitive development. The dual role of teacher-coaches presents challenges due to time constraints and conflicting responsibilities, necessitating a multidimensional perspective on role conflict (Richards & Templin, 2012). Effective youth sport coaching should promote personal, social, and athletic skills, emphasizing the coach's role as both a developer of athletes' potential and athletic talent (Ettl Rodríguez et al., 2023). Coach training programs are crucial for promoting positive youth development, as coaches play a pivotal role in determining the developmental benefits of sport participation. An expanded model of coaching effects on youth, featuring cognitive and motivational pathways, can inform future coach training initiatives (Conroy & Coatsworth, 2006).

The evidence presented here underscores the robust relationship between sport socialization and educational development, highlighting its substantial contributions to cognitive, social, and emotional growth. This interconnectedness demonstrates the multifaceted benefits of sport participation, which extends beyond physical activity to encompass essential developmental domains,

thereby reinforcing its role as a critical mechanism for fostering holistic education and personal development.

Conclusions, implications and future research directions. Social innovation refers to the development and implementation of novel solutions to address pressing social challenges, particularly those related to inequality and exclusion. Sport socialization, defined as the process through which individuals acquire norms, values, and behaviors associated with sports participation, has emerged as a critical avenue for social innovation. Theoretical frameworks such as Bourdieu's concepts of capital and habitus provide valuable insights into the role of sport in social innovation. Social, cultural, and economic capital are all influenced by sport socialization, which fosters networks, builds relationships, and enhances community engagement. These elements are critical for driving social innovation by creating opportunities for empowerment and addressing structural barriers to inclusion.

Sport socialization contributes to social innovation through several mechanisms:

- Community Building: Sports facilitate interaction and cooperation, fostering trust and social cohesion.
- Empowerment of Marginalized Groups: By providing inclusive opportunities, sports empower individuals from disadvantaged backgrounds, promoting social mobility and equity.
- Behavioral Transformation: The values of teamwork, discipline, and perseverance instilled through sports can drive broader societal change.

Empirical research underscores the potential of sport socialization to drive social innovation. Studies reveal that sports programs designed for marginalized populations can significantly enhance social inclusion and reduce inequality. For instance, initiatives targeting youth in underprivileged communities have demonstrated improvements in educational attainment, health outcomes, and social networks.

Despite its potential, sport socialization faces challenges in realizing its role in social innovation. Key barriers include:

- Resource Constraints: Limited funding and infrastructure hinder the scalability of sports initiatives.
- Structural Inequalities: Existing socio-economic disparities impact access to sports opportunities.
- Measurement and Evaluation: A lack of standardized metrics for social innovation outcomes complicates assessment and replication.

To maximize the potential of sport socialization as a mechanism for social innovation, policy-makers and practitioners should:

- Increase investment in inclusive sports programs targeting marginalized groups.
- Develop frameworks to evaluate the social innovation outcomes of sports initiatives.
- Promote intersectoral collaboration between education, health, and community development stakeholders.

Sport socialization represents a powerful tool for advancing social innovation, particularly in addressing inequality and fostering inclusion. By leveraging the unique characteristics of sports to build social capital and empower individuals, society can harness the transformative potential of sports for sustainable social development. Future research and practice should focus on overcoming challenges and optimizing strategies to fully realize the promise of sport socialization in driving social innovation.

References

1. Acak, M., Buyukcelebi, H., Arslanargun, C., & Bayer, R. (2023). Life Skills Development Through Sports Among Student-Athletes: A Survey of Secondary Schools. *International Journal of Physical Education, Fitness and Sports*, 39–47. https://doi.org/10.54392/ijpefs2324
2. Anam, F., Firdaus, M., Septianto, A., & Purnomo, A. (2020). A Scientometric Overview of Educational Development Literature: *Proceedings of the International Conference on Community Development (ICCD 2020)*. International Conference on Community Development (ICCD 2020), Malang, Indonesia. https://doi.org/10.2991/assehr.k.201017.058
3. Asada, A., & Ko, Y. J. (2019). Conceptualizing Relative Size and Entitativity of Sports Fan Community and Their Roles in Sport Socialization. *Journal of Sport Management*, *33*(6), 530–545. https://doi.org/10.1123/jsm.2018-0362
4. Bandura, A. (1977). *Social learning theory*. Englewood Cliffs, NJ: Prentice Hall.
5. Baştan, A., & Dülek, A. (2023). Learned Violence: Bandura's Social Learning Theory In Edward Bond's The Children. *Nevşehir Hacı Bektaş Veli Üniversitesi SBE Dergisi*, *13*(1), 106–118. https://doi.org/10.30783/nevsosbilen.1123069
6. Bean, C., Kendellen, K., & Forneris, T. (2016). Moving Beyond the Gym: Exploring Life Skill Transfer Within a Female Physical Activity-Based Life Skills Program. *Journal of Applied Sport Psychology*, *28*(3), 274–290. https://doi.org/10.1080/10413200.2015.1124155
7. Benson, A. J., Evans, M. B., & Eys, M. A. (2016). Organizational socialization in team sport environments. *Scandinavian Journal of Medicine & Science in Sports*, *26*(4), 463–473. https://doi.org/10.1111/sms.12460
8. Bidzan-Bluma, I., & Lipowska, M. (2018). Physical Activity and Cognitive Functioning of Children: A Systematic Review. *International Journal of Environmental Research and Public Health*, *15*(4), 800. https://doi.org/10.3390/ijerph15040800
9. Biernat, E., Nałęcz, H., Skrok, Ł., & Majcherek, D. (2020). Do Sports Clubs Contribute to the Accumulation of Regional Social Capital? *International Journal of Environmental Research and Public Health*, *17*(14), 5257. https://doi.org/10.3390/ijerph17145257
10. Blough, D. (2022). The role of the Playlab in the creation of open-source solutions. In M. McSweeney, P. G. Svensson, L. M. C. Hayhurst, & P. Safai, *Social Innovation, Entrepreneurship, and Sport for Development and Peace* (1st ed., pp. 75–84). Routledge. https://doi.org/10.4324/9781003212744-8
11. Bourdieu, P. (1986). "The Forms of Capital." Pp. 241–58 in *Handbook of theory and research for the sociology of education*, edited by J. G. Richardson. New York: Greenwood Press.
12. Butler, L. S., Janosky, J., Knell, G., Ulman, S., & Latz, K. (2024). Are Recreational Sports a Relic of the Past OR a Solution for the Future? *Current Sports Medicine Reports*, *23*(3), 62–68. https://doi.org/10.1249/JSR.0000000000001148
13. Carter-Thuillier, B., López-Pastor, V., Gallardo-Fuentes, F., Carter-Beltran, J., Fernández-Balboa, J.-M., Delgado-Floody, P., Grimminger-Seidensticker, E., & Sortwell, A. (2023). After-school sports programmes and social inclusion processes in culturally diverse contexts: Results of an international multicase study. *Frontiers in Psychology*, *14*, 1122362. https://doi.org/10.3389/fpsyg.2023.1122362

14. Cheung-Gaffney, E. (2018). Sports and Humanitarian Development: A Look at Sports Programming in the Refugee Crisis Through a Case Study of KickStart Joy Soccer Project at the Zaatari Refugee Camp. *Journal of Legal Aspects of Sport*, *28*(2). https://doi.org/10.18060/22571

15. Cochrane, M. (2011). Children's University Aspirations and the Effects of Cultural and Social Capital. In J. Adams, M. Cochrane, & L. Dunne (Eds.), *Applying Theory to Educational Research* (1st ed., pp. 95–107). Wiley. https://doi.org/10.1002/9781119950844.ch6

16. Conroy, D. E., & Coatsworth, J. D. (2006). Coach Training as a Strategy for Promoting Youth Social Development. *The Sport Psychologist*, *20*(2), 128–144. https://doi.org/10.1123/tsp.20.2.128

17. Corthouts, J., Thibaut, E., Breuer, C., Feiler, S., James, M., Llopis-Goig, R., Perényi, S., & Scheerder, J. (2020). Social inclusion in sports clubs across Europe: determinants of social innovation. *Innovation: The European Journal of Social Science Research*, *33*(1), 21–51. https://doi.org/10.1080/13511610.2019.1637247

18. Crampton, F. E., Thompson, D. C., & Vesely, R. S. (2004). The Forgotten Side of School Finance Equity: The Role of Infrastructure Funding in Student Success. *NASSP Bulletin*, *88*(640), 29–52. https://doi.org/10.1177/019263650408864004

19. Crisp, P. (2020). Leadership, empowerment and coaching: how community sport coaches in the UK can effect behavioural change in disadvantaged youth through incrementally given roles of responsibility. *International Journal of Sport Policy and Politics*, *12*(2), 221–236. https://doi.org/10.1080/19406940.2020.1725095

20. Cuntz, A., Foray, D., & Mostovova, E. (2020). On the economics of social innovation – a conceptual framework and its policy implications. *Innovation*, *22*(4), 469–487. https://doi.org/10.1080/14479338.2020.1735394

21. Czupich, M. (2020). Sport as an instrument of social development-the example of London. *Journal of Physical Education and Sport*, *20*(5), 2875–2882.

22. D'Angelo, C., Corvino, C., & Gozzoli, C. (2021). The Challenges of Promoting Social Inclusion through Sport: The Experience of a Sport-Based Initiative in Italy. *Societies*, *11*(2), 44. https://doi.org/10.3390/soc11020044

23. Darnell, S. C., & Millington, R. (2019). Social Justice, Sport, and Sociology: A Position Statement. *Quest*, *71*(2), 175–187. https://doi.org/10.1080/00336297.2018.1545681

24. Donnelly, J. E., Hillman, C. H., Castelli, D., Etnier, J. L., Lee, S., Tomporowski, P., Lambourne, K., & Szabo-Reed, A. N. (2016). Physical Activity, Fitness, Cognitive Function, and Academic Achievement in Children: A Systematic Review. *Medicine & Science in Sports & Exercise*, *48*(6), 1197–1222. https://doi.org/10.1249/MSS.0000000000000901

25. Edwards, M. B. (2015). The role of sport in community capacity building: An examination of sport for development research and practice. *Sport Management Review*, *18*(1), 6–19. https://doi.org/10.1016/j.smr.2013.08.008

26. Ettl Rodríguez, F. I., Falcão, W. R., & McCarthy, J. (2023). Coach as youth development specialist: developing a TPSR-based coach training program and examining participants' experiences. *Physical Education and Sport Pedagogy*, 1–24. https://doi.org/10.1080/17408989.2023.2281910

27. Filippo Barbera. (2020). Social Innovation: Concepts, Methods and Consequences for the Research Agenda. *Polis*, *1*, 131–148. https://doi.org/10.1424/96443

28. Forneris, T., Bean, C., & Halsall, T. (2016). Positive Youth Development Programming with Marginalized Populations. In N. L. Holt (Ed.), *Positive Youth Development Through Sport* (2nd ed., pp. 168–179). Routledge. https://doi.org/10.4324/9781315709499-14

29. Galarraga, A., Aldaz, J., & Prat, M. (2018). Keys to analyze the evolution and development of sports through innovation studies. *Cultura_ciencia_deporte*, *13*(39), 267–280. Marvul. https://doi.org/10.12800/ccd.v1i1.1148

30. Gentles, S. J., Charles, C., Nicholas, D. B., Ploeg, J., & McKibbon, K. A. (2016). Reviewing the research methods literature: principles and strategies illustrated by a systematic overview of sampling in qualitative research. *Systematic Reviews*, *5*(1), 172. https://doi.org/10.1186/s13643-016-0343-0

31. Godin, B., Gaglio, G., & Vinck, D. (Eds.). (2021). *Handbook on alternative theories of innovation*. Edward Elgar Publishing.

32. Goyal, D. (2024). Analysing the socioeconomic barriers to sports participation in urban areas. *International Journal of Sports, Exercise and Physical Education*, *6*(1), 80–82. https://doi.org/10.33545/26647281.2024.v6.i1b.79

33. Harvey, S. P., Lambourne, K., Greene, J. L., Gibson, C. A., Lee, J., & Donnelly, J. E. (2018). The Effects of Physical Activity on Learning Behaviors in Elementary School Children: a Randomized Controlled Trial. *Contemporary School Psychology*, *22*(3), 303–312. https://doi.org/10.1007/s40688-017-0143-0

34. Hendry, L. (2022). Sport and leisure: The not-so-hidden curriculum? In J. C. Coleman & C. Warren-Adamson, *Youth Policy in the 1990s* (1st ed., pp. 62–87). Routledge. https://doi.org/10.4324/9781003343042-5

35. Hildenbrand, K., Sanders, J., Leslie-Toogood, A., & Benton, S. (2009). Athletic Status and Academic Performance and Persistence at a NCAA Division I University. *Journal for the Study of Sports and Athletes in Education*, *3*(1), 41–58. https://doi.org/10.1179/ssa.2009.3.1.41

36. Hooper, E., Peters, S., & Pintus, P. (2018). To what extent can long-term investments in infrastructure reduce inequality? *Journal of Infrastructure, Policy and Development*, *2*(2), 193. https://doi.org/10.24294/jipd.v2i2.858

37. Horne, J., Jary, D., & Tomlinson, A. (Eds.). (2014). *Sport, Leisure and Social Relations (RLE Sports Studies)* (0 ed.). Routledge. https://doi.org/10.4324/9781315772530

38. Howaldt, J., Kopp, R., & Schwarz, M. (2015). Social Innovations as Drivers of Social Change — Exploring Tarde's Contribution to Social Innovation Theory Building. In A. Nicholls, J. Simon, & M. Gabriel (Eds.), *New Frontiers in Social Innovation Research* (pp. 29–51). Palgrave Macmillan UK. https://doi.org/10.1057/9781137506801_2

39. Hoye, R., Nicholson, M., & Brown, K. (2015). Involvement in sport and social connectedness. *International Review for the Sociology of Sport*, *50*(1), 3–21. https://doi.org/10.1177/1012690212466076

40. Huang, X. (2019). Understanding Bourdieu - Cultural Capital and Habitus. *Review of European Studies*, *11*(3), 45. https://doi.org/10.5539/res.v11n3p45

41. Jiang, Z., & Yin, J. (2022). Role of Program Curriculum in Building Social Skills and Sports Coaching in Academic and Career Development Under Sports Humanities and Sociology. *Frontiers in Psychology*, *13*, 852331. https://doi.org/10.3389/fpsyg.2022.852331

42. Karstensen, V., Piskorz-Ryń, O., Karna, W., Lee, A., Seng Neo, X., & Gottschlich, D. (2024). The Role of Sports in Promoting Social Inclusion and Health in Marginalized Communities. *International Journal of Sport Studies for Health*, *7*(3), 41–48. https://doi.org/10.61838/kman.intjssh.7.3.6

43. Kosmynin, M., & Ljunggren, E. C. (2021). Social Innovation and Social Entrepreneurship: Useful Theories for Sport? In A. Tjønndal (Ed.), *Social Innovation in Sport* (pp. 19–35). Springer International Publishing. https://doi.org/10.1007/978-3-030-63765-1_2

44. Kovács, K., & Pusztai, G. (2024). An empirical study of Bourdieu's theory on capital and habitus in the sporting habits of higher education students learning in Central and Eastern Europe. *Sport, Education and Society*, *29*(4), 496–510. https://doi.org/10.1080/13573322.2022.2164266

45. Lange, S., Bolt, G., Vos, S., & Völker, B. (2024). Inclusion of the Marginalized: The Case of Sport Participation: A Scoping Review. *Journal of Global Sport Management*, 1–29. https://doi.org/10.1080/24704067.2024.2317121

46. LeCrom, C. W., & Dwyer, B. (2015). From evaluator to insider: an academic's guide to managing sport for development programmes. *Sport in Society*, *18*(6), 652–668. https://doi.org/10.1080/17430437.2014.982542

47. Li, J. (2009). A Review of Bandura's Social Learning Theory. *Journal of Shayang Teachers College*. https://api.semanticscholar.org/CorpusID:147769439

48. Maker, C. A. (2005). Framework for School Sport Psychology. *Journal of Applied School Psychology*, *21*(2), 1–7. https://doi.org/10.1300/J370v21n02_01

49. Marvul, J. N. (2012). If You Build It, They Will Come: A Successful Truancy Intervention Program in a Small High School. *Urban Education*, *47*(1), 144–169. https://doi.org/10.1177/0042085911427738

50. Miragaia, D., Ferreira, J., & Pombo, I. (2017). Sponsorship of Sports Events: A Tool to Develop Social Entrepreneurship and the Corporate Social Responsibility. In M. Peris-Ortiz, F. Teulon, & D. Bonet-Fernandez (Eds.), *Social Entrepreneurship in Non-Profit and Profit Sectors* (Vol. 36, pp. 107–121). Springer International Publishing. https://doi.org/10.1007/978-3-319-50850-4_9

51. Mishra, S. (2012). Pierre Bourdieu cultural social capital. *Research Journal of Humanities and Social Sciences*, *3*(2), 293–298. https://rjhssonline.com/AbstractView.aspx?PID=2012-3-2-31

52. Morgan, H. & Batlle, C. I. (2019). "It's borderline hypocrisy": Recruitment practices in youth sport-based interventions. *Journal of Sport for Development, 7*(13), 1–14. Retrieved from https://jsfd.org/

53. Morgan, H., & Parker, A. (2017). Generating recognition, acceptance and social inclusion in marginalised youth populations: the potential of sports-based interventions. *Journal of Youth Studies*, *20*(8), 1028–1043. https://doi.org/10.1080/13676261.2017.1305100

54. Morgan, H., & Parker, A. (2022). Sport-Based Interventions and Social Inclusion: Insights on the "Power of Sport." In P. Liamputtong (Ed.), *Handbook of Social Inclusion* (pp. 1739–1755). Springer International Publishing. https://doi.org/10.1007/978-3-030-89594-5_99

55. Mori, K. (2023). Sporting Charities and Non-sporting Community Agencies. In M. Keech, I. Lindsey, & J. Hayton, *Implementing Sport Policy* (1st ed., pp. 134–151). Routledge. https://doi.org/10.4324/9781003162728-8

56. Moustakas, L. (2024). Sport for social cohesion: a conceptual framework linking common practices and theory. *Sport in Society*, *27*(10), 1549–1567. https://doi.org/10.1080/17430437.2024.2304231

57. Moustakas, L., & Robrade, D. (2023). Sport for social cohesion: from scoping review to new research directions. *Sport in Society*, *26*(8), 1301–1318. https://doi.org/10.1080/17430437.2022.2130049

58. Nałęcz, H., Skrok, Ł., Majcherek, D., & Biernat, E. (2020). Through Sport to Innovation: Sustainable Socio-Economic Development in European Countries. *Sustainability*, *12*(24), 10489. https://doi.org/10.3390/su122410489

59. Newland, B., Dixon, M. A., & Green, B. C. (2013). Engaging Children Through Sport: Examining the Disconnect Between Program Vision and Implementation. *Journal of Physical Activity and Health*, *10*(6), 805–812. https://doi.org/10.1123/jpah.10.6.805

60. Nicholls, A., & Dees, J. G. (2015). Social Innovation. In *International Encyclopedia of the Social & Behavioral Sciences* (pp. 355–361). Elsevier. https://doi.org/10.1016/B978-0-08-097086-8.73105-9

61. Pedersen, M. R. L., Hansen, A. F., & Elmose-Østerlund, K. (2021). Motives and Barriers Related to Physical Activity and Sport across Social Backgrounds: Implications for Health Promotion. *International Journal of Environmental Research and Public Health*, *18*(11), 5810. https://doi.org/10.3390/ijerph18115810

62. Petitpas, A. J., Cornelius, A. E., Van Raalte, J. L., & Jones, T. (2005). A Framework for Planning Youth Sport Programs That Foster Psychosocial Development. *The Sport Psychologist*, *19*(1), 63–80. https://doi.org/10.1123/tsp.19.1.63

63. Petry, K., Meier, M., & Moustakas, L. (2022). Sport, diversity, and inequality. In K. Petry & J. De Jong, *Education in Sport and Physical Activity* (1st ed., pp. 183–194). Routledge. https://doi.org/10.4324/9781003002666-20

64. Philip, B., Seal, E., & Philip, S. (2023). Human resource development for community development: lessons from a sport-for-development program in rural India. *Asia Pacific Journal of Human Resources*, *61*(2), 442–461. https://doi.org/10.1111/1744-7941.12357

65. Platts, C., & Wilson, R. (Eds.). (2018). *Managing and developing community sport*. Routledge.

66. PLAY International. (2024). *PLAY International*. https://www.play-international.org/en/about-us-12

67. Pot, N., Schenk, N., & Van Hilvoorde, I. (2014). School sports and identity formation: Socialisation or selection? *European Journal of Sport Science*, *14*(5), 484–491. https://doi.org/10.1080/17461391.2013.873483

68. Pot, N., Verbeek, J., Van Der Zwan, J., & Van Hilvoorde, I. (2016). Socialisation into organised sports of young adolescents with a lower socio-economic status. *Sport, Education and Society*, *21*(3), 319–338. https://doi.org/10.1080/13573322.2014.914901

69. Potts, J., & Thomas, S. (2015). The Curious Case for Media Monopoly in Technology-Driven Sports. *Media International Australia*, *155*(1), 140–148. https://doi.org/10.1177/1329878X1515500116

70. Rajasekhar, D. (2020). Concept and Theories of Social Innovation. In D. Rajasekhar, R. Manjula, & T. Paranjothi (Eds.), *Cooperatives and Social Innovation* (pp. 15–30). Springer Singapore. https://doi.org/10.1007/978-981-15-8880-8_2

71. Rees, T., Alexander Haslam, S., Coffee, P., & Lavallee, D. (2015). A Social Identity Approach to Sport Psychology: Principles, Practice, and Prospects. *Sports Medicine*, *45*(8), 1083–1096. https://doi.org/10.1007/s40279-015-0345-4

72. Rich, K., & Misener, L. (2019). Playing on the periphery: troubling sport policy, systemic exclusion and the role of sport in rural Canada. *Sport in Society*, *22*(6), 1005–1024. https://doi.org/10.1080/17430437.2019.1565387

73. Richards, K. A. R., & Templin, T. J. (2012). Toward a Multidimensional Perspective on Teacher-Coach Role Conflict. *Quest*, *64*(3), 164–176. https://doi.org/10.1080/00336297.2012.693751

74. Robst, J., & Keil, J. (2000). The relationship between athletic participation and academic performance: evidence from NCAA Division III. *Applied Economics*, *32*(5), 547–558. https://doi.org/10.1080/000368400322453

75. Romero, I., Rueda, Y., Fumero, C., Vilarinho, T., Floch, J., Oliveira, M., & Dinant, I. (2016). SOCRATIC, the Place Where Social Innovation 'Happens.' In F. Bagnoli, A. Satsiou, I. Stavrakakis, P. Nesi, G. Pacini, Y. Welp, T. Tiropanis, & D. DiFranzo (Eds.), *Internet Science* (Vol. 9934, pp. 89–96). Springer International Publishing. https://doi.org/10.1007/978-3-319-45982-0_8

76. Rowe, K., Karg, A., & Sherry, E. (2019). Community-oriented practice: Examining corporate social responsibility and development activities in professional sport. *Sport Management Review*, *22*(3), 363–378. https://doi.org/10.1016/j.smr.2018.05.001

77. Saizew, K., Evans, M. B., Allan, V., & Martin, L. J. (2021). A Season-Long Examination of Team Structure and Its Implications for Subgroups in Individual Sport. *Journal of Sport & Exercise Psychology*, *43*(3), 248–258. https://doi.org/10.1123/jsep.2020-0296

78. Sanchal, A., & Sharma, S. (2017). Students' attitudes towards learning mathematics: Impact of teaching in a sporting context. *Teachers and Curriculum*, *17*(1). https://doi.org/10.15663/tandc.v17i1.151

79. Santamaría-Cárdaba, N. (2020). Buscando la salida del laberinto: análisis de la definición de educación para el desarrollo. *Educação e Pesquisa*, *46*, e220165. https://doi.org/10.1590/s1678-4634202046220165

80. Satalkina, L., & Steiner, G. (2022). Social Innovation: A Retrospective Perspective. *Minerva*, *60*(4), 567–591. https://doi.org/10.1007/s11024-022-09471-y

81. Schenker, K., Peterson, T., & Bjärsholm, D. (2021). Social Innovations and Social Entrepreneurship in Sport. In A. Tjønndal (Ed.), *Social Innovation in Sport* (pp. 37–54). Springer International Publishing. https://doi.org/10.1007/978-3-030-63765-1_3

82. Schneider, S., & Diehl, K. (2014). Mehr als Nebenwirkungen: Ein theoretisches Modell zu den physischen, psychischen und sozialen Wirkungen des Sports. *Sport-Orthopädie - Sport-Traumatologie - Sports Orthopaedics and Traumatology*, *30*(1), 64–70. https://doi.org/10.1016/j.orthtr.2013.11.001

83. Singh, Dr. P. (2024). NEP 2020: The Status of the Role of Infrastructure in Enhancing Physical Education Programs. *International Journal of Current Science Research and Review*, *07*(03). https://doi.org/10.47191/ijcsrr/V7-i3-15

84. Solis-Navarrete, J. A., Bucio-Mendoza, S., & Paneque-Gálvez, J. (2021). What is not social innovation. *Technological Forecasting and Social Change*, *173*, 121190. https://doi.org/10.1016/j.techfore.2021.121190

85. Spaaij, R., Farquharson, K., & Marjoribanks, T. (2015). Sport and Social Inequalities. *Sociology Compass*, *9*(5), 400–411. https://doi.org/10.1111/soc4.12254

86. Svensson, P. G., & Mahoney, T. Q. (2020). Intraorganizational conditions for social innovation in sport for development and peace. *Managing Sport and Leisure*, *25*(3), 220–238. https://doi.org/10.1080/23750472.2020.1727358

87. Tandon, P. S., Kroshus, E., Olsen, K., Garrett, K., Qu, P., & McCleery, J. (2021). Socioeconomic Inequities in Youth Participation in Physical Activity and Sports. *International Journal of Environmental Research and Public Health*, *18*(13), 6946. https://doi.org/10.3390/ijerph18136946

88. Taylor, K. L. (2005). Academic development as institutional leadership: An interplay of person, role, strategy, and institution. *International Journal for Academic Development*, *10*(1), 31–46. https://doi.org/10.1080/13601440500099985

89. Tjønndal, A. (2017). Sport innovation: developing a typology. *European Journal for Sport and Society*, *14*(4), 291–310. https://doi.org/10.1080/16138171.2017.1421504

90. Tjønndal, A. (Ed.). (2021a). *Social Innovation in Sport*. Springer International Publishing. https://doi.org/10.1007/978-3-030-63765-1

91. Tjønndal, A. (2021b). Social Innovation in Sport: Implications and Directions for Research. In A. Tjønndal (Ed.), *Social Innovation in Sport* (pp. 267–280). Springer International Publishing. https://doi.org/10.1007/978-3-030-63765-1_14

92. Trudeau, F., & Shephard, R. J. (2010). Relationships of Physical Activity to Brain Health and the Academic Performance of Schoolchildren. *American Journal of Lifestyle Medicine*, *4*(2), 138–150. https://doi.org/10.1177/1559827609351133

93. Van Acker, R., De Bourdeaudhuij, I., De Martelaer, K., Seghers, J., Kirk, D., Haerens, L., De Cocker, K., & Cardon, G. (2011). A Framework for Physical Activity Programs Within School–Community Partnerships. *Quest*, *63*(3), 300–320. https://doi.org/10.1080/00336297.2011.10483683

94. Vandermeerschen, H., Meganck, J., Seghers, J., Vos, S., & Scheerder, J. (2017a). Sports, Poverty and the Role of the Voluntary Sector. Exploring and Explaining Nonprofit Sports Clubs' Efforts to Facilitate Participation of Socially Disadvantaged People. *VOLUNTAS: International Journal of Voluntary and Nonprofit Organizations*, *28*(1), 307–334. https://doi.org/10.1007/s11266-016-9799-8

95. Vandermeerschen, H., Van Regenmortel, T., & Scheerder, J. (2017b). 'There are Alternatives, but Your Social Life is Curtailed': Poverty and Sports Participation from an Insider Perspective. *Social Indicators Research*, *133*(1), 119–138. https://doi.org/10.1007/s11205-016-1360-z

96. Varmus, M., Kubina, M., & Adámik, R. (2021). Sport and Sport Environment. In M. Varmus, M. Kubina, & R. Adámik, *Strategic Sport Management* (pp. 35–86). Springer International Publishing. https://doi.org/10.1007/978-3-030-66733-7_3

97. Vasold, K. L., Deere, S. J., & Pivarnik, J. M. (2019). Club and Intramural Sports Participation and College Student Academic Success. *Recreational Sports Journal*, *43*(1), 55–66. https://doi.org/10.1177/1558866119840085

98. Von Jacobi, N., & Chiappero-Martinetti, E. (2017). Social Innovation, Individuals and Societies: An Empirical Investigation of Multi-layered Effects. *Journal of Social Entrepreneurship*, *8*(3), 271–301. https://doi.org/10.1080/19420676.2017.1364288

99. Xu, Q., Fan, M., & Brown, K. A. (2021). Men's Sports or Women's Sports?: Gender Norms, Sports Participation, and Media Consumption as Predictors of Sports Gender Typing in China. *Communication & Sport*, *9*(2), 264–286. https://doi.org/10.1177/2167479519860209

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