



Book Review: Handbook of Positive Youth Development: Advancing the Next Generation of Research, Policy, and Practice in Global Contexts

Arzu Karakulak*† and Sena Cüre-Acer†

Department of Psychology, Bahcesehir University, Istanbul, Turkey

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A Book Review on

Handbook of Positive Youth Development: Advancing the Next Generation of Research, Policy and Practice in Global Contexts

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*Correspondence:

Arzu Karakulak arzu.karakulak@eas.bau.edu.tr

[†]These authors have contributed equally to this work

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Adolescents and emerging adults are the two populations most affected by the changing world (Dimitrova, 2018; Mehta et al., 2020), and their well-being is critical for the social well-being globally. Even though Positive Youth Development PYD scholars have long acknowledged that different contexts and conditions in youths' life provide different opportunities for learning (Burkhard et al., 2019; Shek et al., 2019; Syvertsen et al., 2019; Wiium and Dimitrova, 2019) research about the adaptability, utility, and limitations of various PYD conceptualizations and practices across diverse (cultural) contexts remained relatively understudied. The Handbook of Positive Youth Development: Advancing the Next Generation of Research, Policy and Practice in Global Contexts edited by Dimitrova and Wiium (2021) tackles this need and offers an integrative and comprehensive collection of empirical evidence about the conceptualization and application of PYD approaches across the globe. A relevant feature of this volume is to expand the generalizability of the PYD framework beyond the WEIRD contexts by presenting a set of empirical findings from innovative theoretical and methodological approaches (e.g., cross-cultural, multi-national, experimental, longitudinal mixed-methods) enlarging the broad literature with fresh international perspectives. In so doing, each chapter of the volume presents a context specific description of the local socio-political, cultural features and current issues affecting youth, PYD programs, and studies for policy and intervention. Most importantly, context/cultural specifics and universal mechanisms of PYD are presented delineating what is unique in each chapter and how the knowledge provided can also be useful to understand and apply to other contexts, while balancing between non-WEIRD (i.e., Albania, Bulgaria, Czech Republic, Kosovo, Serbia, Romania, Ghana, South Africa) and WEIRD (USA, Canada, Italy) contexts.

The *handbook* is unique and unprecedented in its' scope as (1) it covers evidence based on various conceptualizations and indices of PYD that outline the holistic and interactive nature of PYD; (2) presents PYD evidence far beyond the WEIRD contexts drawing attention to extraordinary samples and their specific needs; (3) addresses issues of cross-cultural measurement invariance, and (4) bridges research and practice on PYD across the globe that enables the dissemination of knowledge for improving the lives of youth.

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HOLISTIC PYD CONCEPTUALIZATIONS

The models proposed by PYD research touch many different areas of youths' and emerging adults' lives. Likewise, the current handbook understands PYD as an overarching and dynamic process, and presents evidence on how key concepts such as identity, school and student engagement, mindfulness, selfefficacy, and hopeful future expectations interact with contextual resources such as parents, peers, and schools to provide the bases of PYD. The chapters of the current handbook situate and study these processes within two prominent PYD frameworks: the 5Cs and 6Cs model (Geldhof et al., 2015; Burkhard et al., 2019), and the developmental assets model (Scales et al., 2017). With the evidence presented in the handbook, it is now visible that these models touch on globally valid mechanisms of PYD. Most innovatively, the handbook expands existing models, and presents evidence on the cross-cultural utility of the 7Cs model of PYD by proposing a new indicator, creativity; an important component that shows youths' strength on their ability to adapt to novel situations (Abdul Kadir et al., 2021; Dimitrova and Wiium, 2021; Dimitrova et al., 2021a; Manrique-Millones et al., 2021).

The handbook presents evidence on how various conceptualizations of PYD associate with healthy lifestyle behaviors (Dominguez et al., 2021), and improve mindfulness among emerging adults (Abdul Kadir et al., 2021). It demonstrates the relationship between the 5Cs of PYD and environmental concerns (Kabir and Wiium, 2021), happiness (Gomez-Baya et al., 2021), hopeful expectations about future and life satisfaction (Fernandes et al., 2021), and outlines how both internal and external assets contribute to PYD (Dost-Gözkan and Wiium, 2021). Various chapters draw on the interplay between internal and external assets for PYD. They illustrate the relationship between internal assets of PYD and social support (Kosic et al., 2021), outline the role of parents (e.g., Dutra-Thomé and Ponciano, 2021) and the school environment (Ginner Hau et al., 2021) as an external asset for healthy youth development, but also underline the importance of internal assets such as selfesteem to promote life satisfaction among youth, especially when faced with adverse experiences such as domestic violence or abuse (Ásgeirsdóttir and Sigfúsdóttir, 2021). The handbook thus illustrates relevant person-context interactions in the domain of PYD and demonstrates that PYD represents a multifaceted process that cannot be reduced to individual-level strengths, but must be understood dynamically in relation to external resources such as schools (Acosta et al., 2021; Bradley et al., 2021; Ginner Hau et al., 2021), parents (Dutra-Thomé and Ponciano, 2021; Lansford et al., 2021; McKee et al., 2021), youth programs and interventions (Kaniušonyte and Truskauskaite-Kunevičiene, 2021; Kozina, 2021; Larsen and Holsen, 2021; Wang et al., 2021), and socio-cultural boundary conditions (James et al., 2021; Smith et al., 2021; Uka et al., 2021).

CROSS-CULTURAL APPROACH

The *handbook* comprises data from a wide array of samples with 37 empirical chapters with data from across 38 countries with a total number of 22,083 responses. A particular focus lies on

understanding the process of PYD in understudied contexts to offer a global view on PYD that both comprises and expands beyond the widely studied Western contexts. Among others, the handbook presents evidence from India, Indonesia and Pakistan (Dimitrova et al., 2021a), Malaysia (Abdul Kadir et al., 2021), Columbia and Peru (Manrique-Millones et al., 2021), Brazil (Dutra-Thomé and Ponciano, 2021), Ghana (Wiium and Kozina, 2021), Mexico (Dominguez et al., 2021), Turkey (Dost-Gözkan and Wiium, 2021), Lithuania (Kaniušonyte and Truskauskaite-Kunevičiene, 2021), Romania (Dimitrova et al., 2021b), and South Africa (Bremner and Schwartz, 2021). A core attention is also given to understanding the process of PYD among underrepresented minority groups, as illustrated for instance in the chapter of Kosic et al. (2021) who examined the process of PYD among Slovene minority youth living in Italy and Uka et al. (2021) who studied PYD processes among Albanians living in Albania, Kosovo, Macedonia and Serbia.

The data presented in the current volume do not only vary nationally and ethnically, but also socially. The chapter by Negru-Subtirica and Badescu (2021) outlines social factors may affect PYD by analyzing how macrosocial and political indicators, as well as intergenerational transmission through families shape youth vocational competence. The chapter by Hull et al. (2021) further outlines how social factors may affect the process of PYD. Hull et al. (2021) conducted a longitudinal field experiment with NEET (Not active in Education, Employment, or Training opportunities) Jamaican youth, and found that the National Youth Service Corps program promoted their career decision self-efficacy over time; however, the effects of the program for less skilled youth representing the lower stratum of NEET remained rather limited. Likewise, Eichas et al. (2021) draw attention to the role of social factors by presenting narrative case histories from the Changing Lives Program designed to empower marginalized adolescents growing up in less advantaged community contexts in Miami, Florida, the USA.

Despite diversity of operationalization and applications, the handbook illustrates that PYD models for understanding and strengthening positive youth development-the developmental assets (Scales et al., 2017) and the 5Cs and 6Cs models of PYD (Geldhof et al., 2015) and the newly developed 7C model (Dimitrova et al., 2021a)- share similarities in the emphases on youth strengths and potentials as well as internal and external developmental assets. By applying a PYD approach, this volume documents what social, cultural and educational challenges youth encounter in a number of societies across the globe. This volume incorporates relevant efforts outlining both universalities and specifics of development by providing theoretical perspectives with supporting empirical findings to promote a better understanding and insights into youth thriving. The book therefore provides the reader with a better understanding of the conditions which foster optimal development of youth embedded within mediating/moderating contributions of family, community, social and cultural factors. Specifically for youthful populations, the book indicates the pathways in which youth cope with their cultural, social and educational challenges and cultural and contextual factors that foster their well-being.

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METHODOLOGICAL ADVANCEMENTS

Not only conceptually but also methodologically, the handbook underscores that PYD represents a common matter across diverse cultural, ethnic, and socio-economical contexts, and yet may demand context-specific adaptations (Dimitrova et al., 2021c). The research reported in the handbook and the analyses conducted adhere to the highest standards of scientific excellence with particular focus on cultural adaptation and measurement invariance issues (Dimitrova and Wiium, 2021; Dimitrova et al., 2021b). Invariance tests are concerned with the question of comparability across cultures, and a provide a guide as to what extent (a) the content and general structure of measurement concepts, (b) its measurement procedures and items, and (c) the scores achieved on a measure are cross-culturally invariant (and thus comparable) or demand culture-specific adaptations (van de Vijver, 2019). As such, the current handbook helps to identify and develop psychometrically strong and cross-culturally applicable measures of PYD and therefore will facilitate and promote further global research on PYD.

BRIDGING RESEARCH, POLICY AND PRACTICE

A major milestone of the volume is to bridge both basic research in part I, and more applied research examining the impact of interventions in part II. The related research findings and empirical illustrations are communicated in a way that enables multidisciplinary inexpert audience to understand the findings, thus easily facilitating fruition by lay people, policy makers and practitioners. In so doing, the volume emphasizes the multidisciplinary approach to PYD, since it is important that professionals from a variety of disciplines (e.g., cross-cultural and developmental psychology, applied developmental science) work together in PYD practice and research, for the benefit of youth and emerging adults. With all that extent, the handbook not only provides academic knowledge, but it also informs about how the knowledge on PYD can be applied in the real-world for youth and emerging adults. A core foundation of this handbook is to overcome all issues related to inequity, stereotypes, and social justice toward minorities. There are relevant chapters addressing a variety of ethnic minority groups subjected to marginalization and discrimination. The book stands apart from current edited books on PYD by focusing on these ethnic minority youth and on strengths and resources for optimal well-being. In such ways, the book presents a knowledge-base for research and practice with minority youth based on a PYD strength-based conception of development in contrast to traditional deficit models seeing these youth as problematic and dysfunctional.

CONCLUSION

The reviewed handbook advances nuanced understanding of PYD among culturally diverse young populations by providing a global perspective. In so doing, the volume focuses on the strengths, potentials and contributions of youth and emerging adults, and generates a positive view to the field and highlights the psychological and social factors as well their dynamics that shape PYD, and eventually contribute toward achieving a more positive future across various societies (Geldhof et al., 2021). Importantly, this book is the first of its kind to present the most comprehensive collection of PYD contributions to broader contexts and global audiences beyond the WEIRD vs. non-WEIRD dichotomy. This volume views this as an imperative, given that, with a few notable exceptions, a majority of the current knowledge base derives from White, Western, educated, industrialized, democratic and rich (WEIRD) countries neglecting relevant settings around the globe.

The *handbook* combines evidence about the adaptability, utility, and limitations of various PYD conceptualizations and practices, and becomes an important guideline in shaping PYD's future in research, policy and practice across the globe. It does so conceptually by assembling the voices of young scholars who conduct PYD research in underrepresented cultural contexts with understudied samples, and it does so methodologically by raising the issue of measurement invariance to decide whether and to what extent existing measures can be adapted to new contexts (Lansford et al., 2021). As such, the current *handbook* is a prime example of how to navigate PYD research and practices toward considering the specifics of PYD while not losing the view for its' universals.

AUTHOR CONTRIBUTIONS

All authors listed have made a substantial, direct and intellectual contribution to the work, and approved it for publication.

REFERENCES

Abdul Kadir, N. B., Mohd, R. H., and Dimitrova, R. (2021). "Promoting mindfulness through the 7Cs of positive youth development in Malaysia," in *Handbook of Positive Youth Development. Advancing Research, Policy and Practice in Global Contexts*, eds R. Dimitrova and N. Wiium (Springer). Available online at: https://www.springer.com/gp/book/9783030702618

Acosta, J., Chinman, M., and Phillips, A. (2021). "Promoting positive youth development through healthy middle school environments," in *Handbook of Positive Youth Development. Advancing Research, Policy and Practice in Global Contexts*, eds R. Dimitrova and N. Wiium (Springer), 479–496.

Ásgeirsdóttir, B. B., and Sigfúsdóttir, I. D. (2021). "Positive youth development and resilience among youth in Iceland: The importance of social context and

self-esteem for life satisfaction," in *Handbook of Positive Youth Development*. *Advancing Research, Policy and Practice in Global Contexts*, eds R. Dimitrova and N. Wiium (Springer), 199–214.

Bradley, G. L., Ferguson, S., and Zimmer-Gembeck, M. J. (2021). "Parental support, peer support and school connectedness as foundations for student engagement and academic achievement in Australian youth," in *Handbook of Positive Youth Development. Advancing Research, Policy and Practice in Global Contexts*, eds R. Dimitrova and N. Wiium (Springer), 215–232.

Bremner, D., and Schwartz, K. D. (2021). "Leadership development of Zulu male youth in a South African township," in *Handbook of Positive Youth Development. Advancing Research, Policy and Practice in Global Contexts*, eds R. Dimitrova and N. Wiium (Springer), 311–324.

Karakulak and Cüre-Acer Book Review: PYD in Global Contexts

Burkhard, B. M., Robinson, K. M., Murray, E. D., amd Lerner, R. M. (2019). "The positive youth development perspective," in *The Encyclopedia of Child and Adolescent Development*, eds S. Hupp and J. Jewell (Wiley-Blackwell), 1–12

- Dimitrova, R (Ed). (2018). Well-Being of Youth and Emerging Adults Across Cultures. Springer. Available online at: https://www.springer.com/gp/book/ 9783319683621
- Dimitrova, R., Buzea, C., Wiium, N., Kosic, M., Stefenel, D., and Chen, B.-B. (2021b). "Positive youth development in Bulgaria, Italy, Norway and Romania: Testing the factorial structure and measurement invariance of the 5Cs model," in *Handbook of Positive Youth Development. Advancing Research, Policy and Practice in Global Contexts*, eds R. Dimitrova and N. Wiium (Springer), 263–280.
- Dimitrova, R., Fernandes, D., Malik, S., Suryani, A., Musso, P., and Wiium, N. (2021a). "The 7Cs and developmental assets models of positive youth development in India, Indonesia and Pakistan," in *Handbook of Positive Youth Development. Advancing Research, Policy and Practice in Global Contexts*, eds R. Dimitrova and N. Wiium (Springer). Available online at: https://www.springer.com/gp/book/9783030702618
- Dimitrova, R., Sam, D. L., and Ferrer-Wreder, L (Eds). (2021c). Roma Minority Youth Across Cultural Contexts: Taking a Positive Approach to Research, Policy and Practice. Oxford: Oxford University Press. Available online at: https://global.oup.com/academic/product/roma-minority-youth-across-cultural-contexts-9780190654061?q=dimitrova&lang=en&cc=us#
- Dimitrova, R., and Wiium, N. (2021). "Handbook of positive youth development: advancing the next generation of research, policy and practice in global contexts," in *Handbook of Positive Youth Development. Advancing Research, Policy and Practice in Global Contexts*, eds R. Dimitrova and N. Wiium (Springer). Available online at: https://www.springer.com/gp/book/9783030702618
- Dominguez, A., Wiium, N., Jackman, D., and Ferrer-Wreder, L. (2021). "Healthy life style behaviors and the 5Cs of positive youth development in Mexico," in Handbook of Positive Youth Development. Advancing Research, Policy and Practice in Global Contexts, eds R. Dimitrova and N. Wiium (Springer), 109– 120.
- Dost-Gözkan, A., and Wiium, N. (2021). "Developmental assets and identity among emerging adults in Turkey," in *Handbook of Positive Youth Development*. *Advancing Research, Policy and Practice in Global Contexts*, eds R. Dimitrova and N. Wiium (Springer).
- Dutra-Thomé, L., and Ponciano, E. L. T. (2021). "The relationship between emerging adults and their parents as PYD promotive factor in Brazil," in Handbook of Positive Youth Development. Advancing Research, Policy and Practice in Global Contexts, eds R. Dimitrova and N. Wiium (Springer), 121–132.
- Eichas, K., Montgomery, M. J., Meca, A., Garcia, A. J., and Garcia, A. (2021). "Engaging marginalized youth in positive development: The Changing Lives Program," in *Handbook of Positive Youth Development. Advancing Research, Policy and Practice in Global Contexts*, eds R. Dimitrova and N. Wiium (Springer), 427–442.
- Fernandes, D., Fetvadjev, V., Wiium, N., and Dimitrova, R. (2021). "The 5Cs of PYD model in New Zealand: relations with hopeful expectations for the future and life satisfaction among emerging adults," in *Handbook of Positive Youth Development. Advancing Research, Policy and Practice in Global Contexts*, eds R. Dimitrova and N. Wiium (Springer), 233–246.
- Geldhof, G. J., Bowers, E. P., Mueller, M. K., Napolitano, C. M., Callina, K. S., Walsh, K. J., et al. (2015). "The five Cs model of positive youth development," in *Promoting Positive Youth Development. Lessons From the 4-H Study*, eds E. P. Bowers, G. J. Geldhof, S. K. Johnson, L. J. Hilliard, R. M. Hershberg, J. V. Lerner and R. M. Lerner (Springer), 161–186.
- Geldhof, G. J., Olsen, S. J., and Thogmartin, A. A. (2021). "The morning sun shines brightly: positive youth development in a global context," in Handbook of Positive Youth Development. Advancing Research, Policy and Practice in Global Contexts, eds R. Dimitrova and N. Wiium (Springer), 563–574.
- Ginner Hau, H., Ferrer-Wreder, L., and Westling, M. A. (2021). "Capitalizing on classroom climate to promote positive development," in *Handbook of Positive Youth Development. Advancing Research, Policy and Practice in Global Contexts*, eds R. Dimitrova and N. Wiium (Springer), 371–382.

- Gomez-Baya, D., de Matos, M. G., and Wiium, N. (2021). "Positive youth development and subjective happiness: examining the mediating role of gratitude and optimism in Spanish emerging adults," in *Handbook of Positive* Youth Development. Advancing Research, Policy and Practice in Global Contexts, eds R. Dimitrova and N. Wiium (Springer), 183–198.
- Hull, D. M., Ferguson, S. L., Fagan, M. A., and Brown, E. A. (2021). "Positive youth development in Jamaica: latent growth of self-efficacy and youth assets," in *Handbook of Positive Youth Development. Advancing Research, Policy and Practice in Global Contexts*, eds R. Dimitrova and N. Wiium (Springer), 295–310.
- James, A. G., Noltemeyer, A. L., Roberts, D., and Bush, K. R. (2021).
 "Family processes and competence in a positive youth development context: perspectives for African American youth," in *Handbook of Positive Youth Development. Advancing Research, Policy and Practice in Global Contexts*, eds R. Dimitrova and N. Wiium (Springer), 443–462.
- Kabir, R. S., and Wiium, N. (2021). "Positive youth development and environmental concerns among youth and emerging adults in Ghana," in Handbook of Positive Youth Development. Advancing Research, Policy and Practice in Global Contexts, eds R. Dimitrova and N. Wiium (Springer), 81,94
- Kaniušonyte, G., and Truskauskaite-Kunevičiene, I. (2021). "The trajectories of positive youth development in Lithuania: evidence from community and intervention settings," in *Handbook of Positive Youth Development. Advancing Research, Policy and Practice in Global Contexts*, eds R. Dimitrova and N. Wiium (Springer), 339–356.
- Kosic, M., Wiium, N., and Dimitrova, R. (2021). "Social support among Slovene minority and Italian majority youth in Italy: links with positive identity, social competence and academic achievement," in *Handbook of Positive Youth Development*. Advancing Research, Policy and Practice in Global Contexts, eds R. Dimitrova and N. Wiium (Springer), 171–182.
- Kozina, A. (2021). "Social emotional learning program from a positive youth development perspective in Slovenia," in Handbook of Positive Youth Development. Advancing Research, Policy and Practice in Global Contexts, eds R. Dimitrova and N. Wiium (Springer), 325–338.
- Lansford, J. E., Chang, L., Deater-Deckard, K., Di Giunta, L., Dodge, K. A., Malone, P. S., et al. (2021). "International collaboration in the study of positive youth development," in *Handbook of Positive Youth Development. Advancing Research, Policy and Practice in Global Contexts*, eds R. Dimitrova and N. Wiium (Springer), 281–294.
- Larsen, T. B., and Holsen, I. (2021). "Youth participation in the dream school program in Norway: an application of a logic model of the six Cs of positive youth development," in *Handbook of Positive Youth Development. Advancing Research, Policy and Practice in Global Contexts*, eds R. Dimitrova and N. Wiium (Springer), 383–394.
- Manrique-Millones, D. L., Pineda Marin, C. P., Millones-Rivalles, R. B., and Dimitrova, R. (2021). "The 7Cs of positive youth development in Colombia and Peru: a promising model for reduction of risky behaviors among youth and emerging adults," in Handbook of Positive Youth Development. Advancing Research, Policy and Practice in Global Contexts, eds R. Dimitrova and N. Wiium (Springer). Available online at: https://www.springer.com/gp/book/ 9783030702618
- McKee, K., Cabrera, N. J., Hennigar, A., Mittone, D., Díaz, G., and Reich, S. M. (2021). "Teaching mothers and fathers about how children develop: parenting knowledge and practices," in *Handbook of Positive Youth Development. Advancing Research, Policy and Practice in Global Contexts*, eds R. Dimitrova and N. Wiium (Springer), 463–478.
- Mehta, C. M., Arnett, J. J., Palmer, C. G., and Nelson, L. J. (2020). Established adulthood: A new conception of ages 30 to 45. Am. Psychol. 75, 431–44. doi: 10.1037/amp0000600
- Negru-Subtirica, O., and Badescu, G. (2021). "Social change and the dynamic family transmission of youth vocational competence," in *Handbook of Positive Youth Development. Advancing Research, Policy and Practice in Global Contexts*, eds R. Dimitrova and N. Wiium (Springer), 511–526.
- Scales, P. C., Roehlkepartain, E. C., and Shramko, M. (2017). Aligning youth development theory, measurement, and practice across cultures and contexts: lessons from use of the developmental assets profile. *Child Indicat. Res.* 10, 1145–1178. doi: 10.1007/s12187-016-9395-x

Karakulak and Cüre-Acer Book Review: PYD in Global Contexts

Shek, D. T. L., Dou, D., Zhu, X., and Chai, W. (2019). Positive youth development: current perspectives. Adolesc. Health Med. Ther. 10, 131–141. doi: 10.2147/AHMT.S179946

- Smith, E. P., Yunes, M. A. M., and Fradkin, C. (2021). "From prevention and intervention research to promotion of positive youth development: Implications for global research, policy and practice with ethnically diverse youth," in Handbook of Positive Youth Development. Advancing Research, Policy and Practice in Global Contexts, eds R. Dimitrova and N. Wiium (Springer), 545-562
- Syvertsen, A. K., Scales, P. C., and Toomey, R. B. (2019). Developmental Assets framework revisited: confirmatory analysis and invariance testing to create a new generation of assets measures for applied research. *Appl. Dev. Sci.* doi: 10.1080/10888691.2019.1613155. [Epub ahead of print].
- Uka, F., Bërxulli, D., Hasani, A., Peci, B., Taravari, B., and Wiium, N. (2021). "Developmental assets, academic achievement and risky behaviors among Albanians in Albania, Kosovo, Macedonia and Serbia," in Handbook of Positive Youth Development. Advancing Research, Policy and Practice in Global Contexts, eds R. Dimitrova and N. Wiium (Springer), 133–150.
- van de Vijver, F. J. R. (2019). "Cross-cultural research," in *Advanced Research Methods and Statistics for the Behavioral and Social Sciences*, eds J. Edlund and A. Nichols (Cambridge: Cambridge University Press), 274–286
- Wang, J., Chase, P., and Burkhard, B. (2021). "Promoting positive youth development through scouting," in *Handbook of Positive Youth Development*. *Advancing Research, Policy and Practice in Global Contexts*, eds R. Dimitrova and N. Wiium (Springer) 497–510.

- Wiium, N., and Dimitrova, R. (2019). Positive youth development across cultures. Introduction to the special issue. Child Youth Care Forum 48, 147–153. doi: 10.1007/s10566-019-09488-7
- Wiium, N., and Kozina, A. (2021). "Country and gender differences in developmental assets among youth and emerging adults in Ghana and Norway," in Handbook of Positive Youth Development. Advancing Research, Policy and Practice in Global Contexts, eds R. Dimitrova and N. Wiium (Springer), 247–262.

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