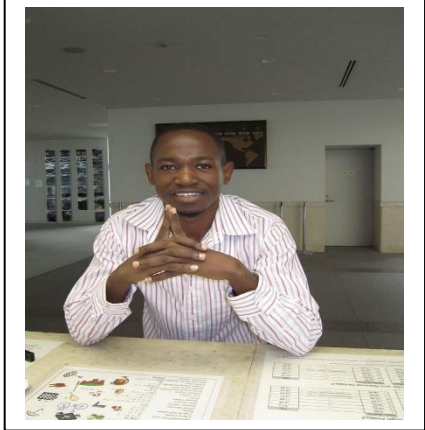


RESUME

NDIHOKUBWAYO Kizito



Ndiokubwayo Kizito, currently a Ph.D. student in Physics education (final year) at the African Centre of Excellence for Innovative Teaching and Learning Mathematics and Science (ACEITLMS), University of Rwanda College of Education (URCE). He pursued his Master's degree (M.Ed., Educational Development, and science education) from the Graduate School for International Development and Cooperation (IDEC), Hiroshima University, Japan, in 2016. He holds a BSc., Physics with Education (QTS) from the former Kigali Institute of Education (current University of Rwanda College of Education) issued in 2011.

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https://www.researchgate.net/profile/Kizito_Ndiokubwayo

1. Profile

- Teacher of Physics
- Researcher in Physics education
<http://orcid.org/0000-0002-2566-8045>

2. Job Experience

- **January 2012 – February 2014**

-Tutor/Teacher (full-time) of Physics and Chemistry at Teacher Training College (TTC)
Matimba, Nyagatare district

- **March 2017 – December 2019**

-Working as a research assistant (part-time) in a baseline survey from 8-31 March 2017 and
Working as monitoring officer (part-time) from 15 May 2017– December 2019 for the
Rwanda Education Board (REB)/Japan International Cooperation Agency (JICA) joint-
project for supporting institutionalizing and improving the quality of school-based in-service
training (SIIQS project)
-Participating in various training by REB and Developmental partners for Competence-based
curriculum (CBC) implementation

- **November 2019 – February 2020**

-Assistant Lecturer (part-time) of Mechanics module (PHY 1141) for level one students
(Freshmen) at the University of Rwanda College of Education (URCE)

3. Exchange program attended

I participated in a student exchange program at the University of Kansas, US, from 6 to 27 September 2019 for the use of Classroom Observation Protocol for Undergraduate STEM (COPUS) and analyze its data.

4. Published academic works in SCOPUS indexed journals

- Ndihokubwayo, K., Uwamahoro, J., & Ndayambaje, I. (2020a). Effectiveness of PhET Simulations and YouTube Videos to Improve the Learning of Optics in Rwandan Secondary Schools. *African Journal of Research in Mathematics, Science and Technology Education*, 0(0), 1–13. <https://doi.org/10.1080/18117295.2020.1818042>
- Ndihokubwayo, K., Uwamahoro, J., & Ndayambaje, I. (2020b). Implementation of the Competence-Based Learning in Rwandan Physics Classrooms: First Assessment Based on the Reformed Teaching Observation Protocol. *EURASIA Journal of Mathematics, Science and Technology Education*, 16(9), 1–8. <https://doi.org/10.29333/ejmste/8395>
- Ndihokubwayo, K., Uwamahoro, J., & Ndayambaje, I. (2020c). Usability of Electronic Instructional Tools in the Physics Classroom. *EURASIA Journal of Mathematics, Science and Technology Education*, 16(11), 1–10. <https://doi.org/10.29333/ejmste/8549>
- Ndihokubwayo, K., Uwamahoro, J., Ndayambaje, I., & Ralph, M. (2020). Light phenomena conceptual assessment: an inventory tool for teachers. *Physics Education*, 55(3), 035009. <https://doi.org/10.1088/1361-6552/ab6f20>
-

5. Published academic works in other journals

https://scholar.google.com/citations?hl=en&user=M34f0_cAAAAJ
<https://umutarapolytech.academia.edu/KizitoNdihokubwayo>
https://www.researchgate.net/profile/Kizito_Ndihokubwayo

6. Conferences attended

Link: <https://ci.nii.ac.jp/naid/110010042159/>
Link: <http://www.deta.up.ac.za/abstracts/theme4/ndihokubwayo1.pdf>
Link: <http://www.deta.up.ac.za/abstracts/theme4/ndihokubwayo2.pdf>

7. Reviewing activity

African Journal of Research in Mathematics, Science and Technology Education: <https://www.tandfonline.com/toc/rmse20/7/1?nav=tocList>
Physical Review Physics Education Research: <https://journals.aps.org/prper/>
Eurasia Journal of Mathematics, Science and Technology Education: <https://www.ejmste.com/>
Journal of Turkish Science Education: <https://www.tused.org/index.php/tused>