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| Book Name: | **Crisis, AI, and the Future of Higher Education** |
| Manuscript Number: | **Ms\_BPR\_5887.4** |
| Title of the Manuscript: | **The Impact of the Epidemic on the Learning and Research Output of Graduate Students** |
| Type of the Article | **Book Chapter** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**Proceedings of the 2024 3rd International Conference on Science Education and Art Appreciation (SEAA 2024), Advances in Social Science, Education and Humanities Research 866**

**DOI: 10.2991/978-2-38476-291-0\_34**

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | This chapter outlines a well-designed empirical study that examines the complex effects of the COVID-19 pandemic on the learning and research outcomes of graduate students in China. By applying Structural Equation Modeling (SEM) to a large sample size (n=2552), the authors pinpoint key factors such as research communication, data collection, publication and development, financial support, and job-seeking activities. The research is timely, methodologically strong, and provides a quantitative basis for a topic that has been chiefly explored through qualitative or anecdotal methods. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes** |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | The abstract effectively outlines the study's key components, including Structural Equation Modeling (SEM), the six dimensions assessed, and main findings. However, it could improve by stating the sample size and geographical scope—data were collected from 2,552 graduate students across China—for clearer context. Additionally, some phrasing should be simplified; for instance, rewording “significant correlations between ‘research communication’ and any of the three dimensions...” could enhance fluency. Finally, a concluding sentence highlighting the study's broader implications, such as relevance to educational policy or graduate training strategies, would be beneficial. |  |
| **Is the manuscript scientifically, correct? Please write here.** | Yes, the manuscript is scientifically sound and methodologically suitable. Structural Equation Modeling (SEM) is well-justified and correctly applied, with reliability and validity checks (Cronbach’s α and KMO tests) reported. Interpreting relationships among latent and observed variables is also appropriate and statistically supported.  One minor concern is that the study could benefit from a more thorough discussion of potential confounding variables or biases related to online self-reported data. Furthermore, the merging of dimensions due to poor model fit should be explored in more detail from a conceptual perspective, rather than just a statistical one. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | Although the references are up-to-date (mostly from 2023), relevant, and well-chosen to support the study's context, adding more sources would strengthen the manuscript's theoretical foundation and global perspective. Some potential sources to consider include:   * Bozkurt, A., & Sharma, R. C. (2020). *Emergency remote teaching in a time of global crisis due to CoronaVirus pandemic*. *Asian Journal of Distance Education, 15*(1), 1–6. * Daniel, S. J. (2020). *Education and the COVID-19 pandemic*. *Prospects*, *49*, 91–96. |  |
| Is the language/English quality of the article suitable for scholarly communications? | Substantial language editing is needed to bring the manuscript up to scholarly standards. Although the scientific content is straightforward, the manuscript has grammatical errors, irregular phrasing, and inconsistent verb tenses. |  |
| Optional/General comments |  |  |

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| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?** |  |  |

**Reviewer details:**

**Wong Siew Ngan, Malaysia**