



THE UNIVERSITY OF TENNESSEE  
HEALTH SCIENCE CENTER.

COLLEGE OF GRADUATE HEALTH SCIENCES



## ET/D Declaration of Authorship

Lan Yao

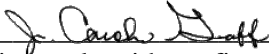
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### Declaration for Entire ET/D

In accordance with the University of Tennessee Health Science Center Honor Code and the requirements for integrity and honesty laid out in the College of Graduate Health Sciences' Electronic Thesis & Dissertation (ET/D) Learning Portal, I, Lan Yao, declare that this dissertation titled "Responding to the Pandemic: a Multicountry Study on Social-Political Factors and Health Outcomes of COVID-19" and the work presented therein are my own. I confirm that:

- This work was done wholly or mainly while being a candidate for a terminal degree at the University of Tennessee Health Science Center.
- There is clear and full disclosure in the thesis/dissertation for any part that was previously submitted for a degree or any other qualification at this University or any other institution or that has been accepted for publication.
- Where I used the published or unpublished work of others, this is clearly attributed.
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- I have acknowledged all other main sources of help (e.g., lab assistance, joint work on projects, consultations/discussions with colleagues/experts, funding).
- Where the thesis/dissertation is based on work done jointly with others, I have made clear what was done by others and what I contributed.

J. Carolyn Graff, Ph.D.  
Advisor

  
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Digital reply with confirmation.

## **Declaration for Previously Published Articles with Several Authors Incorporated into the ET/D (including in press and accepted articles)**

If this declaration is not applicable, please indicate here:

Articles with several authors incorporated into my ET/D and my contributions to them:

- **Chapter: 3.**
- **Citation:** Yao L, Li M, Wan JY, Howard SC, Bailey JE, Graff JC. Democracy and case fatality rate of COVID-19 at early stage of pandemic: a multicountry study. *Environmental Science and Pollution Research*. 2021 Sep 7:1-11.
- **My significant contributions:** Conceptualization, Methodology, Validation, Formal Analysis, Investigation, Data Collection, Writing Original Draft as well as Review & Editing.
  
- **Chapter:4**
- **Citation:** Yao L, Dong W, Wan JY, Howard SC, Li M, Graff JC. Graphical Trajectory Comparison to Identify Errors in Data of COVID-19: A Cross-Country Analysis. *Journal of Personalized Medicine*. 2021;11(10):955.
- **My significant contributions:** Conceptualization, Methodology, Validation, Formal Analysis, Investigation, Data Collection, Writing Original Draft as well as Review & Editing.