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20 July 2020

To Whom it May Concern

## **Re:** Dr. Marwa Eltanahy

## Dear Sir/Madam,

I am delighted to provide this reference for Dr. Marwa Eltanahy. I examined her PhD thesis as an External examiner and we published papers in highly ranked journals. So, I am able to provide an evaluation of Dr. Eltanahy's research and the importance of her contributions to the education field and science Education. I do strongly support Dr. Eltanahy's application for the post at your university.

Dr. Eltanahy is a dedicated and innovative researcher. In a short time, she has published a number of articles in top tier refereed journals including Think Skills and Creativity. We are also working on some publications. I and the journals' reviewers and editors find her academic writing is convincing, approachable and communicative. She has great experiences communicating with different parties including curriculum, design makers, practitioners and academics. Dr. Eltanahy works well to deadlines that she sets for herself and always ensures that she fully understands feedback and comments to help her takes her work forward.

Her work is distinctive. She examines the integration of STEM in the science curricula and investigates how it can support the entrepreneurial learning. This focus is the new trend of science education and fits well the vision for developing learners for the knowledge society and 21<sup>st</sup> century skills. Dr. Eltanahy's work is making significant contributions in helping us better understand teachers and students' views and stakeholders for the implementation of STEM and developing the work and life skills. In her research projects, she used different research methods and methodologies. She designed surveys, observations and interviews for teachers and students. She has excellent and professional skills and experiences with dealing with quantitative data analysis using rigorous and a variety of statistical methods and tests. Equally, her skills and expertise with qualitative research design are outstanding. Dr. Eltanahy's research showed that she distinctively understands the

context and challenges of the science education. In my opinion, this is a very essential criterion to work at an international institution.

In conclusion, I always find Dr. Eltanahy a cheerful person and easy to work with as part of a team. Dr. Eltanahy is a researcher of excellent ability that has made noteworthy contributions to the Education field through her international research projects and publications. Dr. Marwa Eltanahy has distinguished herself within the field of science and STEM education by offering a comprehensive understanding of the theory and practices of teaching and learning. For these reasons, I strongly support her application for the post at your University without any reservations.

If I can be of further assistance, please feel free to contact me.

Yours sincerely

Nasser Mansour

Dr. Nasser Mansour

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