

Communique Issued At The End Of A 1-Day Workshop Organised By The International Society For The Study Of Behavioural Development On Open Science And Developmental Psychology (Group 3), Held On June 19, 2022, At Rodos Palace Hotel, Ixia, Rhodes, Greece

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Introduction

The International Society for the Study of Behavioural Development (ISSBD) which represents a broad range of transdisciplinary researchers across the globe held an early career researchers' workshop on the 19th of June, 2022 at Rodos Palace Hotel, Ixia, Rhodes. The workshop consisted of five groups, one of which was Group 3 who discussed on open science and developmental psychology. It was aimed at deepening understanding of open science among psychologists and by extension, scientists in general.

Participants at the workshop included Prof Marcel van Aken (Facilitator) and a total of 15 early career scholars from

across the globe. In the course of the workshop, participants noted that;

- a. During the COVID pandemic, a public mistrust of science and researchers became evident. Even though this mistrust was most evident during the pandemic, it is clear that it had been developing gradually over the years.
- b. In addition, and related to that, many issues were raised and became apparent surrounding research integrity, phishing, data falsification and results manipulation (cf. the replication crisis).
- c. One way to gain back public trust in science and research, and to diminish issues surrounding the replication crisis, would be to make the whole scientific process, and the communication about it, as open and accessible as possible. Hence, the introduction of "open science".
- d. Open science however has not been given the requisite attention within the research community and surprisingly has received rather stiff opposition among more senior researchers.
- e. There have been commendable attempts by bodies such as the LERU to institutionalise open science practices in European Universities, but very little is being done in other parts of the world.
- f. For early career scholars, it is imperative to regain public trust in science not only to protect our futures, but also to redeem the professions once revered, holding an honourable position among professions in the world.

In the light of these observations made by the participants, the following recommendations were therefore submitted:



- a. Believers in open science must begin to collaborate to produce sound, excellent and true research outputs which are targeted to addressing current societal problems. With excellent and open research outputs, it is easier to become a voice that cannot easily be silenced. Open science must become a force and a movement.
- b. The transition into open science will not be spontaneous. Therefore, believers in open science who hold top positions in their departments, faculties and universities must begin to implement open science at these levels.
- c. Open science should be incorporated into university curricula for Masters and PhD students. This will not only create awareness of open science, but help recruit more adherents into this movement and offer the tools and knowledge necessary to implement open science principles in our work.
- d. Open science networks should be created at University and regional levels to facilitate strategic

development for the promotion of open science. These networks will meet as often as they deem fit, give reports about their progress and strategize on the way forward.

- e. At their respective institutions, believers in open science must engage in a membership drive and recruit people into the networks. These networks' operations will be guided by a framework to be agreed upon.

Conclusions

Participants at the workshop expressed their passion and support for open science and showed interest in pursuing its course as a way for regaining public trust in science and making scientific literature available to everyone at little or no cost at all. They agreed to establish lasting relations that would be leveraged toward implementing policies which will boost the development of open science at their respective institutions.