Framework for Open & Reproducible Research Training

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Research Interests

- Integrating open and reproducible principles into higher education

- Meta-science, team-science & citizen-science

- Open educational resources & quality pedagogical tools

- Curricular reform, epistemological uncertainty and diversity, methods of education

- Academic incentive structure

Awards

Commendation by the HiddenREF to FORRT | *Announcement*   *2021*
for FORRT's *Educational Nexus*.

Open Scholarship Award | 2nd place | by Open Scholarship Community Galway   *2021*
for the initiative "*Framework for Open and Reproducible Research Training (FORRT)*"

Commendation by the Society for the Improvement of Psychological Science   *2020*
for the manuscript "*Introducing a Framework for Open and Reproducible Research Training (FORRT)*"

Peer-Reviewed Publications

Parsons, S., Azevedo, F., Elsherif, M. M., Guay, S., ... & Aczel, B. (2022) A Community-Sourced Glossary of Open Scholarship Terms. *Nature Human Behaviour.* 10.1038/s41562-021-01269-4

Pownall, M., Azevedo, F., Aldoh, A., Elsherif, M. M., Vasilev, M., Pennington, C.R., ... & FORRT. (2021). Embedding open and reproducible science into teaching: A bank of lesson plans and resources. *Scholarship of Teaching and Learning in Psychology.* 10.1037/stl0000307

Azevedo, F., Liu, M., Pennington, C. R., Pownall, M., Evans, T. R., Parsons, S., ... & FORRT (2022). Towards a culture of open scholarship: The role of pedagogical communities. *BMC Research Notes 15(75).* https://doi.org/10.1186/s13104-022-05944-1 [Preprint]

Submitted Publications & Preprints

Azevedo, F., Parsons, S., Micheli, L., Strand, J., Rinke, E., ... & FORRT (2019, December 13). Introducing a Framework for Open and Reproducible Research Training (FORRT). https://doi.org/10.31219/osf.io/bnh7p [Supplementary Materials]

Policy

Azevedo, F., Liu, M., Pennington, C. R., Pownall, M., Evans, T. R., Parsons, S., Elsherif, M. M., Micheli, L., Moreau, D., & FORRT. (2021). *Towards a culture of open scholarship: The role of pedagogical communities.* (Report No. RRE0080). Written evidence on reproducibility and research integrity. UK Parliament. https://committees.parliament.uk/writtenevidence/39751/html/ [PDF] [UK Parliament Publication]

Parsons, S, Azevedo, F. & FORRT (2020). *Briefing note for degree accrediting societies.* Submitted to UK's Reproducibility Network & British Psychological Society [Briefing Note]

Manuscripts in Preparation

Azevedo, F., Liu, M., Pennington, C., Pownall, M., Parsons, S., ... & FORRT (2021). Towards a culture of open scholarship practices: The role of grassroots pedagogical communities.

Pownall, M., Azevedo, F., Pennington, C., Parsons, S., ... & FORRT (2021). How do teaching and mentoring through open and reproducible scholarship change students' attitudes towards science and academia and their role in these?

Kalandadze, T., Elsherif, M. M., Micheli, L., Azevedo, F., Parsons, S., ... & FORRT (2021). Integrating Open and Reproducible Scholarship into Teaching and Mentoring: Introducing community-sourced Summaries of Open Scholarship literature

Editorials & op-eds

Leech, G. (2021). Reversals in psychology. Behavioural and Social Sciences at Nature Portfolio. https://go.nature.com/3mgFgFF

Public Scholarship

Azevedo, F., Vasilev, M., Micheli, L., Barlett, J., Quinn, K., Kalandadze, T., McCuaig, J. & Parsons, P. (2021). Getting Started with FORRT. The Framework for Open & Reproducible Research Training. Google Docs link.

Elsherif, M. M., Kalandadze, T., Micheli, L., Vasilev, M., Miranda, J., Marques, T., Plomp, E., Rees, A., Oliveira, C., Parsons, S., ... & Azevedo, F. (2021). Summaries of Open and Reproducible Science Literature. The Framework for Open & Reproducible Research Training. https://forrt.org/summaries

Galang, C.M. & Elsherif, M. M.M., Guay, S., ... FORRT. (2021). Curated Resources. The Framework for Open & Reproducible Research Training. https://forrt.org/resources

Forscher, P. (2021). Teaching the why and how of replication studies. *FORRT's Educational Nexus.* https://forrt.org/educators-corner/004-teaching-why-how-replication/

Micheli, L., Vasilev, M., C., Parsons, S., ... & Azevedo, F. (2021). Adopting Principled Education: Implementing fairer teaching and mentoring practices. The Framework for Open & Reproducible Research Training.
https://forrt.org/forrt/adopting/

Pownall, M., Azevedo, F., Aldoh, A., Elsherif, M. M., Vasilev, M., Pennington, C.R., ... Parsons, S. (2021). Lesson Plans. *FORRT's Educational Nexus.* https://forrt.org/lesson-plans/

Renbarger, R., Stegenga, S., Lösch, T., Karcher, S., & Steltenpohl, C. (2021). Qualitative Open Science Practices. What does this look like in education? *FORRT's Educational Nexus.*
https://forrt.org/educators-corner/006-qualitative-os-practices/

Editorial Experience

Editor for FORRT's Educational Corner	*2018-21*
Reviewer for FORRT's Educational Corner	*2019*
Editor for FORRT's Pedagogies	*2020*
Reviewer for FORRT's Glossary	*2021*
Editor for FORRT's Summaries of Open and Reproducible Science Literature	*2020-21*
Reviewer for FORRT's Summaries of Open and Reproducible Science Literature	*2020-21*

Workshops and Invited Talks

Azevedo, F., Micheli, L., Oliveira, C, & Parsons, S. (April 2021). Building a community from open scholarship pedagogy with a Framework for Open and Reproducible Research Training (FORRT). At ProjectTier's 2021 Spring Symposium.

Miranda, J.F. & Elsherif, M.M. (February 2021). Creating a glossary of open and reproducible science terms: easing in newcomers to key concepts. Talk presented at the Virtual Unconference on Open Scholarship Practices in Education Research.

Hartmann, H., Liu, M., Elsherif, M., Aldoh, A., Alzahawi, S., & Azevedo, F. (2021). Replications and Reversals in Social Science. Association for Interdisciplinary Meta-research and Open Science, 30th November-2th December.

Elsherif, M.M. (2022). What happens if we don't incorporate open science & reproducibility into research training?. Talk presented at Reproducibilitea Leicester, University of Leicester, 13th January.

National and International Presentations

Azevedo, F., Micheli, L., Oliveira, C, & Parsons, S. (April 2021). Building a community from open scholarship pedagogy with a Framework for Open and Reproducible Research Training (FORRT). At Open Science and Replicability in the Behavioural and Social Sciences. Chemnitz, Germany.

Elsherif, M.M. (2022). A Community-Sourced Glossary of Open Scholarship Terms. Talk presented at Reproducibilitea Leicester, University of Leicester, 27th January.

Miranda, J.F., Elsherif, M. M.M., Parsons, S., & Azevedo, F. Creating a glossary of open and reproducible science terms: easing in newcomers to key concepts. Talk presented at the Virtual Unconference on Open Scholarship Practices in Education Research, 08-09 February.

Pownall, M., Robertson, O., Aldoh, A., Azevedo, F., Elsherif, M. M., Vasilev, & Parsons, S. (2021). Developing resources to support teaching faculty and integrate open scholarship content into curricula. At Society for the Improvement of Psychological Science. https://osf.io/8eavj/

Liu, M., Hartmann, H., Elsherif, M.M., & Azevedo, F. (2021). Replications and Reversals in Social Science. Psychological Science Accelerator, 28-30th October.

Public Outreach

Keating, C. (May 2021). Introduction to FORRT. YouTube Video.

Micheli, L., Haushofer, J. (May 2021). Remote Student Exchange. YouTube Video.

Strand, J. (December 2020). FORRT's Pedagogy: Julia Strand. YouTube Video. OSF Repository.

Service & Positions of Responsability

Academic Community

Steering Committee of FORRT's Team Ethics   *2021*
with Kimberly Quinn, Sam Parsons & Leticia Micheli.

Community Manager for FORRT's Slack   *2021*
with Flavio Azevedo, Sam Parsons, Helena Hartmann, & Leticia Micheli.

Social Media Manager   *2021*
with Kelly Lloyd, Connor Keating, & Catherine Laverty.

Programmer, IT-Manager & Website Designer FORRT's Website & GitHub   *2021*
with Samuel Guay, Flavio Azevedo & Alexander Hart.

Grants

forthcoming

Institutional Partnerships