THE UNIVERSITY *of* EDINBURGH

USING CRediT TO PROMOTE RESPONSIBLE RESEARCH

NIK TAHIRAH NIK HUSSIN & VERONICA CANO

Introduction

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CRediT – An introduction

- The Contributor Roles Taxonomy's 14 roles and best practices represent a simple but comprehensive system that enables the range and nature of contributions to scholarly published output to be captured in a transparent, consistent, and structured format.

Roles

- **Conceptualization**
- **Data curation**
- **Formal analysis**
- **Funding acquisition**
- **Investigation**
- **Methodology**
- **Project administration**

- **Resources**
- **Software**
- **Supervision**
- **Validation**
- **Visualization**
- **Writing – original draft**
- **Writing – review & editing**

Self- and informant-reported personality traits and vaccination against COVID-19

Kadri Arumäe, Anu Realo, Liisi Ausmees, Jüri Allik, Tõnu Esko, Krista Fischer, Uku Vainik, René Mõttus ✉,
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Article	Authors	Metrics	Comments	M...

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- Abstract
- Introduction
- Method
- Results
- Discussion
- Conclusion
- Supporting information
- Acknowledgments
- References

Abstract

As COVID-19 vaccines' accessibility has grown, so has [...] vaccination, and not everybody is willing to vaccinate. E[...] with vaccination could highlight some person-level drive[...] used self- and informant-ratings of the Five-Factor Mode[...] measured approximately at the time of vaccination with [...] (100NP) item pool (N = 56,575) and (b) measured on av[...] with the NEO Personality Inventory-3 (NEO-PI-3; N = 3,168). We tested individual domains' and either items' (in the 100NP sample) or facets' (in the NEO-PI-3 sample) associations with vaccination, as well as their collective ability to predict vaccination using elastic net models trained and tested in independent sample partitions. Although the NEO-PI-3 domains and facets did not predict vaccination ten years later, the domains correlated with vaccination in the 100NP sample, with vaccinated people scoring slightly higher on neuroticism and [...]

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Article	Authors	Metrics	Comments	Media Coverage	Peer Review
	⌄				

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Krista Fischer

Why now?

- UK Research Integrity Office's (UKRIO) Code of Practice for Research

- 2023 ALLEA European Code of Conduct for Research Integrity

- Research Cultures Delivery Plan - University-wide fair publication policy

- Publishers and funders are adopting CRedIT

University-wide Fair Publication Policy

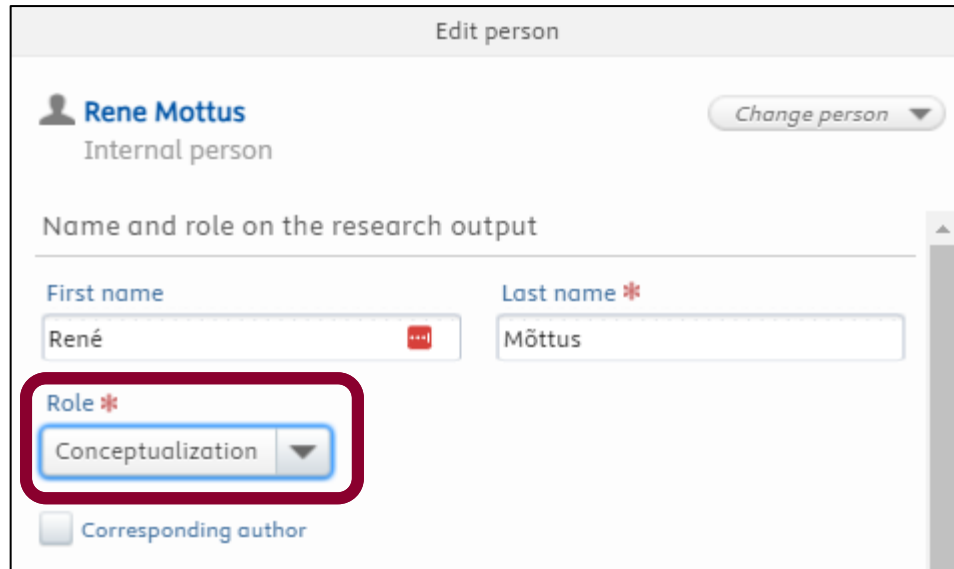|				
	embed these considerations into ethics review processes, including through wider use of the GENDER.ED toolkit for promoting inclusive research and research partnerships	20.2	Establish nature and scope of other tools (in complement to GENDER.ED toolkit), promote them, and ensure they are embedded into relevant resources and materials	2023/24
21	Promoting guidance on authorship and acknowledgement in outputs, adopting a University-wide Fair Publication Policy. This will include acknowledging the authorship contribution of technicians and other staff; as well as the role of supervisors in PhD publications, to protect postgraduate researchers	21.1	Set up a task and finish group to develop a university-wide fair publication policy, articulate a plan to measure compliance, and develop a framework to deal with issues of non-compliance	2023/24 to 2024/25
22	Creating learning materials and guidance on trusted research partners and export control	22.1	Pilot the Higher Education Strategic Export Control Training package, an online, freely accessible	2023/24

Recording CRediT in Pure

3 options presented to the University Pure User Group

- Contributor role(s)

- Author contribution description

- Author contribution note
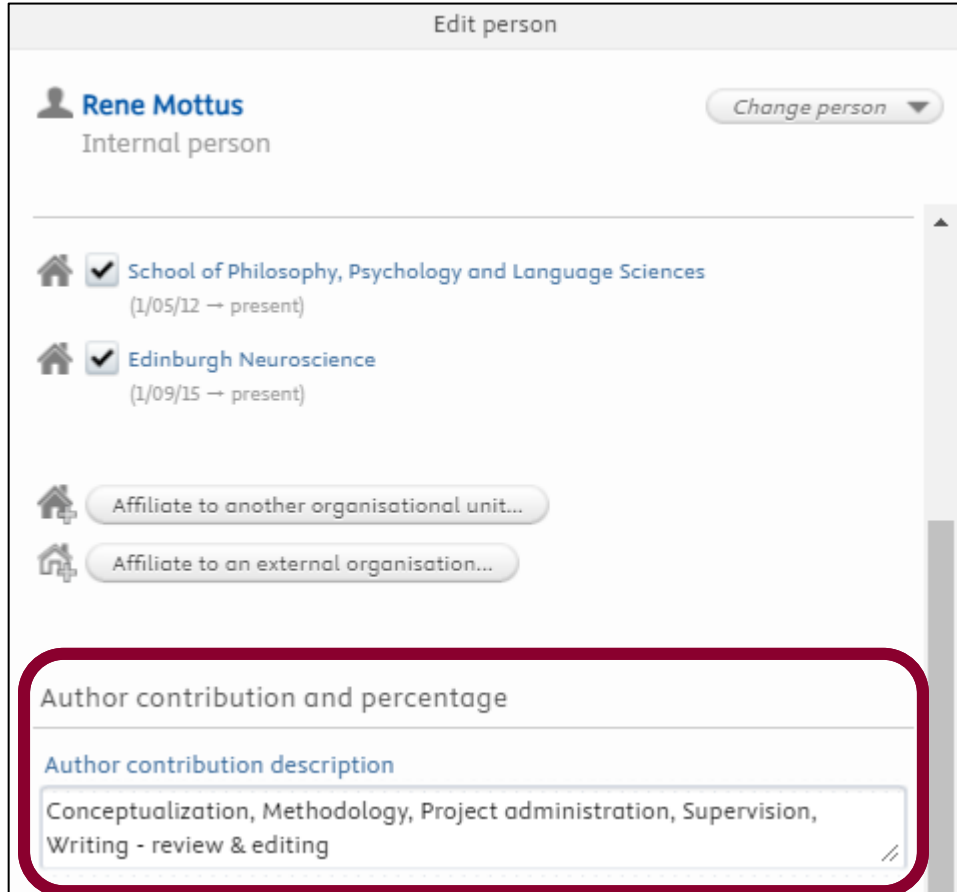
Recording CRediT in Pure – Contributor role(s)

Pros:
- Associated with each contributor
- Controlled vocabulary
- Reportable

Cons:
- Cannot add multiple roles
- Not displayed on Edinburgh Research Explorer

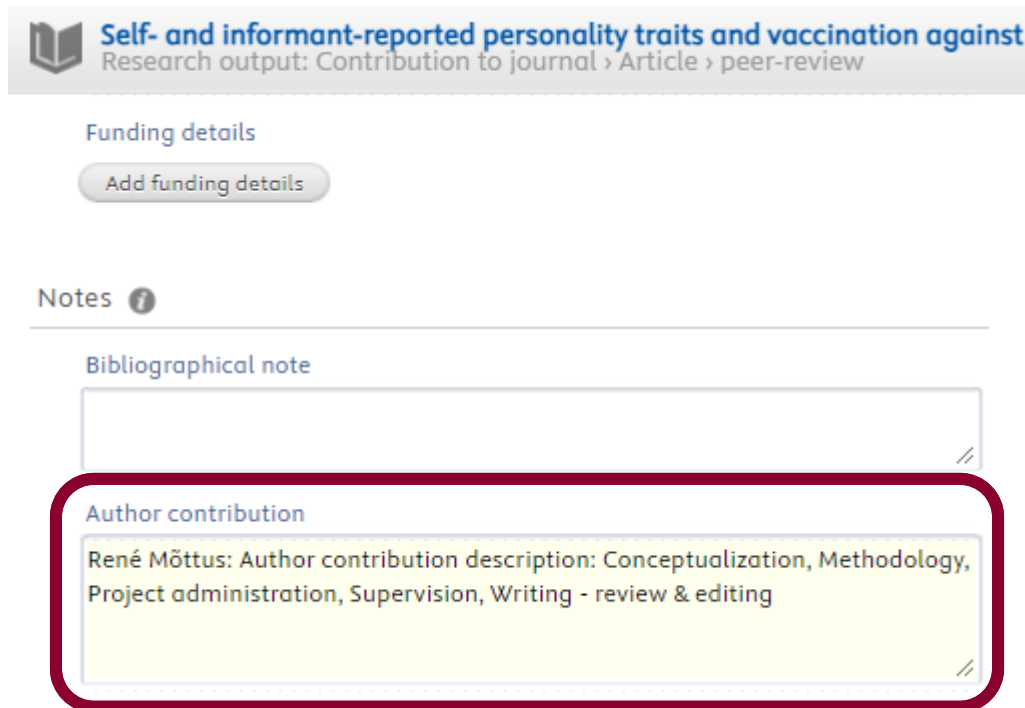## Recording CRediT in Pure – Author contribution description

Pros:
- Associated with each contributor
- Can add multiple roles

Cons:
- Free text field
- Not reportable
- Not displayed on Edinburgh Research Explorer

Recording CRediT in Pure – Author contribution note

Self- and informant-reported personality traits and vaccination against
Research output: Contribution to journal › Article › peer-review

Funding details

Add funding details

Notes ⓘ

Bibliographical note

Author contribution

René Mõttus: Author contribution description: Conceptualization, Methodology, Project administration, Supervision, Writing - review & editing

Pros:
- Can add multiple roles
- Reportable

Cons:
- Not associated with each contributor
- Free text field
- Not displayed on Edinburgh Research Explorer

Recording CRediT in Pure

Pros:
- Can add multiple roles to each associated contributor
- Can be recorded at different publication stages, e.g. submission, acceptance, publication
- Can be added/edited by contributors themselves
- Can be added retrospectively

Cons:
- Not automated – cannot be imported
- Not reportable
- Not displayed on Edinburgh Research Explorer

Next steps

- Approval from University Pure User Group

- Guidance and training for users

- Request improvement from Elsevier

  o Importable, reportable, displayed on Edinburgh Research Explorer

- Monitor development from Elsevier

QUESTIONS?