



University
of Glasgow

Promoting Ethical Authorship for a Positive Research Culture

Sam Oakley | Researcher Development & Integrity
Specialist | **University of Glasgow**

 @rscsam

COPE Seminar *30 Sep 2021*





Context

Researchers:

- Highly independent professionals
- May experience extreme pressures that affect decisions

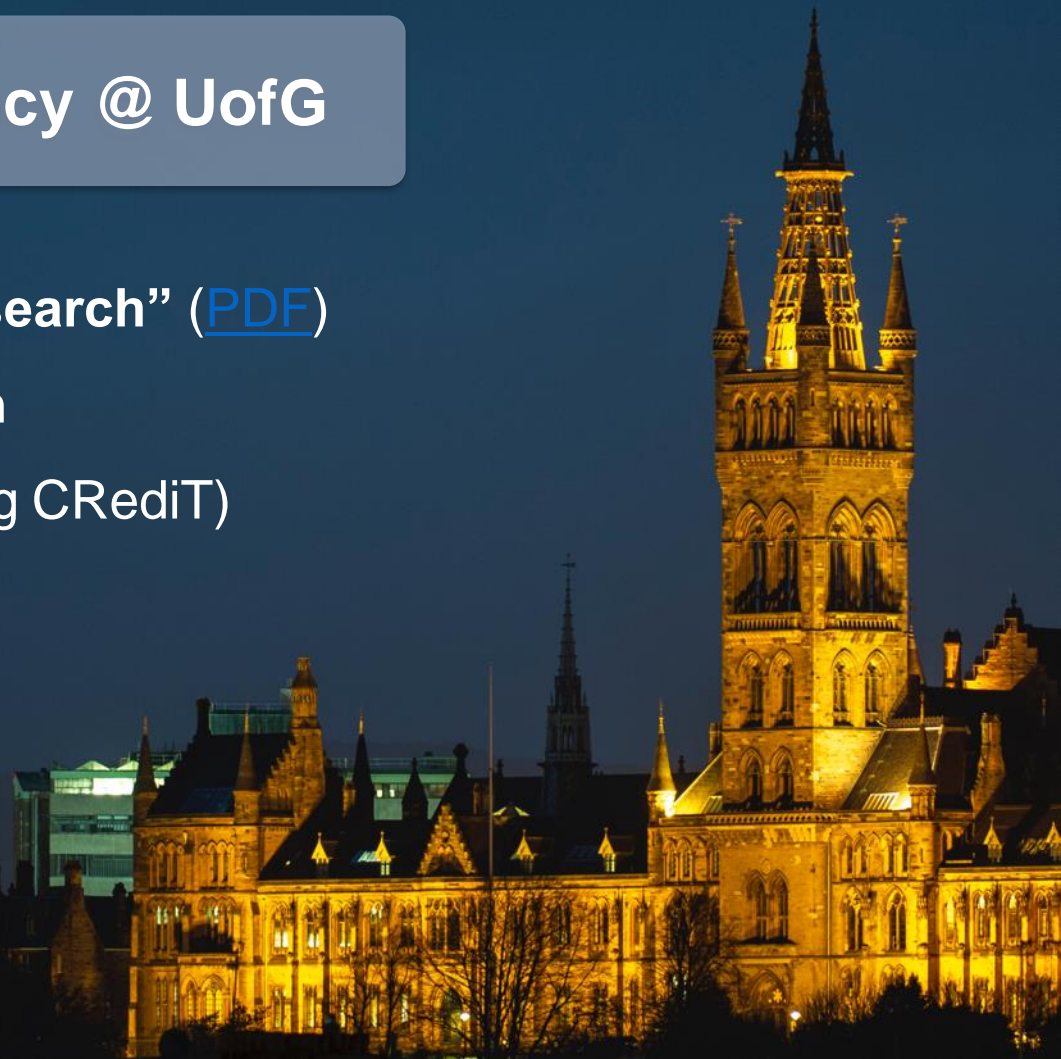
Institutions:

- Governance / Reputation
- Staff wellbeing
- Costs

What can institutions do to promote ethical publication?

“Code of Good Practice in Research” ([PDF](#))

- Responsibilities for publication
- Authorship guidance (including CRediT)
- Where to publish
- Open Access / Research








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Research Policy @ UofG

- Misconduct Policy and Process
- PGR Code of Practice
- Plagiarism
- Responsible Metrics statement
- + Local good practice handbooks / protocols



Case study: the University of Glasgow's digital preservation journey 2017-2019

Spence, A. , McCutcheon, V.  and Mahon, M.  (2019) Case study: the University of Glasgow's digital preservation journey 2017-2019. *Insights*, 32(10), pp. 1-9. (doi: [10.1629/uksg.461](https://doi.org/10.1629/uksg.461))



Text
182450.pdf - Published Version
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448kB

Abstract

This case study documents the University of Glasgow's digital preservation journey during 2017 and 2018. The University recognized that access to its records was required to ensure the long-term preservation of key corporate records and archival material. Staff from the University's Digital Preservation Working Group were therefore tasked with identifying the University's priorities and requirements for preserving its key records, with the aim of producing recommendations for a preservation programme. Knowledge and skills were enhanced by participating in a national digital preservation pilot project and learning from practitioners through workshops and information exchange. The case study shares our reflections on the challenges which emerged about metadata, workflows and integrating systems. A key priority will be to engage the support of key decision makers within the University, as it was emphasized repeatedly that successful digital preservation depends as much on resources and organizational culture as on technology. Two of the authors have a particular interest in terminology and we share our work to examine digital preservation's often obscure vocabulary. We conclude that transforming digital preservation into standard practice within organizations will require continued collaboration within the digital preservation community.

Item Type:	Articles
Additional Information:	This work was supported by funding from Jisc award number 4811.
Status:	Published
Refereed:	Yes
Glasgow Author(s) Enlighten ID:	Spence, Miss Alison and McCutcheon, Miss Valerie and Mahon, Mr Matt
Creator Roles:	Spence, A. Investigation, Writing – original draft McCutcheon, V. Project administration, Supervision, Funding acquisition, Writing – review & editing Mahon, M. Investigation, Writing – review and editing



CRediT (Contributor Roles Taxonomy) is high-level taxonomy, including 14 roles, that can be used to represent the roles typically played by contributors to scientific scholarly output. The roles describe each contributor's specific contribution to the scholarly output.

14 Contributor Roles

- | | |
|------------------------|----------------------------|
| Conceptualization | Resources |
| Data curation | Software |
| Formal Analysis | Supervision |
| Funding acquisition | Validation |
| Investigation | Visualization |
| Methodology | Writing – original draft |
| Project administration | Writing – review & editing |

MYGLASGOW NEWS

- News Archive
- 2019
 - 19 August 2019
 - 5 August, 2019
 - 24 June, 2019
 - 23 July 2019
 - 17 June 2019

GIVING CREDIT FOR CONTRIBUTIONS TO RESEARCH OUTPUTS

Research outputs are increasingly the result of a team effort. We currently capture the varied contributions that colleagues make to an output either alongside the author list or in the acknowledgments section. However, an easier and more consistent way of highlighting who did what in a research study is by listing, in the output itself, the individual contributions that each author has made. There is a straightforward way of doing this, by selecting from the 14 standard role descriptors included in the CRediT taxonomy. Roles include drafting or revising an article, analysing and interpreting data, or programming.

We invite you to browse the CRediT taxonomy and consider how it applies to the roles that you fulfil in your collaborations.



Web pages & Comms @ UofG

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Home / MyGlasgow / Research and Innovation Services / ... / Research Integrity

RESEARCH AND INNOVATION SERVICES

RESEARCH INTEGRITY

Research excellence at the University of Glasgow is underpinned by research integrity. This website sets out the policies, procedures, and resources to support research integrity.

WHO IS THIS GUIDANCE FOR? Research staff (Principal Investigators, postdocs, research technicians), research students (PhD, EdD, DFA, EngD and Masters by Research) and research administrators (science writers, public engagement officers, research managers).

Begin by visiting our 'About' section below to get an overview of research integrity at the University and information on Research Integrity training, to understand how this work fits within the bigger picture of Research Culture and to find out about other projects in this area, you may also wish to visit our Research Culture webpages.

About research integrity

Find out what we mean by research integrity, your responsibilities, and information on Research Integrity training.

Areas of conduct

Plagiarism & Self-plagiarism | Image manipulation | Publication & Authorship | Intellectual property | Reproducibility, stats and research design | Ethics and governance | Data management & Open Research | Open access | Communicating research | Collaboration | Peer Review

UofG Research Integrity @UofGIntegrity · Aug 23

Ways to promote and foster collaborative research "Top tips for principal investigators to help junior scientists navigate the travails of teamwork." buff.ly/2PMVHqg #ResearchIntegrity

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 - Before submitting your manuscript
 - After your manuscript has been accepted
 - Europe PMC

CHOOSING WHERE TO SUBMIT YOUR MANUSCRIPT

- + How do I identify the correct journal for my work?
- How can I identify trusted journals?

Researchers seeking to publish their work can choose from a wide range of journals. However, please note that some publishers do not deliver the rigour of academic scrutiny expected of scholarly journals. Publishing your paper in these 'predatory' journals may also limit the visibility of your publication, as these journals are not indexed.

To be clear, it is not in your interest to publish your research findings in these journals.

Recommended approaches.

Use expert knowledge of the field. We recommend that researchers use their disciplinary knowledge – or that of a trusted member of their research group – to check the editorial board for names of known and respected researchers in their field.

Research Integrity training @ UofG

Staff:

- Asynchronous, interactive Moodle course (2.5hr)
- Reflective; acknowledged

PGRs:

- Asynchronous, interactive Moodle course (1hr)
- Webinar facilitated by research staff (1hr)

“Everyone...needs a developed understanding of how authorship is decided, that IT MATTERS to get it right and that senior staff (or supervisors) ACTIVELY CARE about getting it right”



James Bartlett
@JamesEBartlett

There is a seriously impressive mandatory training programme for research integrity at [@UofGlasgow](#) [@UofGPsychNeuro](#). Great delivery and covers under-appreciated topics like author contributions, image manipulation, and plagiarism.

10:21 AM · Sep 16, 2021 · Twitter Web App



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“A better research culture is not an alternative to excellence but rather it is what will enable more of us to excel”



Research Culture @ UofG

“A positive research culture is one in which colleagues...

- Are recognised and valued for their **varied contributions** to research,
- Support **each other's careers**,
- Are supported to produce work that meets the highest standards of **academic rigour.**”



The Guardian
University Award 2020
Winner

The
Guardian



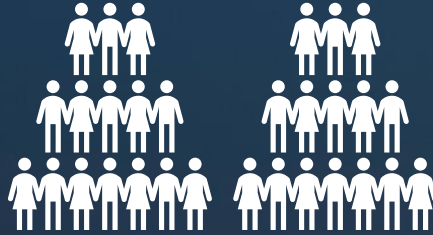
University of Glasgow

Where do we want to get to?

A change in what we value in research outcomes



Outputs



People



Societal impact



UKRI CEO
23 November 2020



UK Research and Innovation · 11h · ...

"I've become very committed to the notion of one's net contribution to the research system: there's the research you've done, and there's the research you've enabled others to do."

[@UKRI_CEO](#) [#RRAConference](#)



Research Strategy 2020–2025

By working in teams, building on each other's ideas, and making Glasgow the best place to develop a career, our research transforms lives and changes the world

Research principles @UofG

We value the quality of our research over its quantity

The University succeeds when our individual researchers succeed

How research is done is as important as what is done

RESEARCH STRATEGY 2020–2025

PRIORITIES

COLLABORATION WORKING TOGETHER TO TACKLE BIGGER CHALLENGES

We will address urgent problems in our society and the biggest gaps in our knowledge by working together. The timeline for underpinning academic research to societal impact takes years or even decades.

We will support cross-disciplinary, cross-school and cross-country collaborations to enhance our reach, influence and profile.

We will create digital and virtual spaces to collaborate and create connectivity to enhance our reach, influence and profile.

CREATIVITY REAFFIRMING THE CENTRALITY OF IDEAS

Great research starts with great ideas, but we also know that this creativity takes time and requires the right conditions. The quality of our research outputs and impact will continue to drive the reputation and careers of our researchers, and that rests crucially on the ideas that we develop.

We will support creativity by developing the opportunities in which new ideas can emerge. Our development programmes will focus

on experience that, flexibility and autonomy.

CAREERS HELPING EACH OTHER TO SUCCEED

Glasgow succeeds when its people succeed. We will make Glasgow the best place in which to pursue a career, whether at the University or in the city, by creating an environment in which colleagues are supported to fulfil their ambition, to meet their expectations, and to progress in their career stage, and measures of progress are established.

We will support our researchers to develop trust and reputation.

Research Culture Action Plan @UofG

Research integrity

Supporting research that is conducted to the highest standards

2015

Collegiality

Ideas & incentives for supporting the careers of others

2018

Career development

Careers Concordat

Recovery from COVID-19

2019

Research recognition

Measuring what matters:
DORA/Leiden

Recognising varied contributions & outcomes

2020

Open research

Promoting the early and wide sharing of research

2021+

Rewarding what we value

Updated our academic promotion criteria in 2019/20: assessed across 7 dimensions including:

- **Parity of credit for research outputs and impact**
- **Reward those who support careers**
Collegiality; how has CPD been supported by PIs
- **Commitment to Open Research Practices**



Mesasuring how we are doing

Research Culture Survey 2019

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Page 1: Research Culture 2019 survey

We want Glasgow to be the place where good researchers want to come (and stay!) to do excellent research. We are committed to promoting a positive research culture and have introduced a raft of measures to support this, including training, support staff, research integrity advisors, IT innovations and new policies. However, all of this work is meaningless if it does not change what is felt on the ground. We have introduced this survey as a way of understanding where we are making progress and where there is still work to be done. We will run it again in summer 2020 to track progress.

Lab for Academic Culture

Launched December 2020:

- Beyond “research” culture
 - A home for delivery of culture-related projects
 - Monitoring and evaluating progress
 - Working with the sector (HEIs, funders etc)
- Project-led delivery via secondment of staff from services or faculties





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Thank you

Culture @UofG

<https://www.gla.ac.uk/researchculture/>

*Tanita Casci and Miles Padgett were/are our
institutional leads for Research Culture*

Samantha.Oakley@glasgow.ac.uk

 @rscsam

