



## Building an online research profile

David Bryson

To cite this article: David Bryson (2019) Building an online research profile, Journal of Visual Communication in Medicine, 42:2, 83-89, DOI: [10.1080/17453054.2019.1611373](https://doi.org/10.1080/17453054.2019.1611373)

To link to this article: <https://doi.org/10.1080/17453054.2019.1611373>



Published online: 23 May 2019.



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PROFESSIONAL DEVELOPMENT



## Building an online research profile

David Bryson 

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### ABSTRACT

Research and research publications are key elements in continuing professional development (CPD) as part of the mix of learning and development activities we undertake to keep ourselves current in our practice. Papers published in journals can be used by colleagues to support their evidence based practice. Posters and presentations seen and heard at a conference can prompt ideas and developments at other organisations. In this way research is more than the publication of a piece of work it is about dissemination and its impact; for our CPD this is about how it benefits us and our patients.

### ARTICLE HISTORY

Received 19 April 2019  
Accepted 22 April 2019

### KEYWORDS

Research; publications;  
profile; online; CPD; PDP

For these professional development papers we often have an active verb in the title for example 'Developing', 'Learning', 'Understanding', 'Maintaining' or as in this piece 'Building'. This is the best metaphor for this paper as building your online research profile relies on a foundation 'Who are you?', bricks and mortar 'Your papers and their journals.', and the final element 'Your research showcase.' which can be a basic house through to a mansion depending on how many additions you decide to build on to enhance your research profile.

### Step 1: Who are you?

This is about you identifying your research as belonging to you. To take ownership the first step is to obtain a unique identifier that distinguishes you from every other researcher with the same or a similar name.

#### *Go online and create an ORCID iD (<https://orcid.org/>)*

ORCID provides a persistent digital identifier that distinguishes you from every other researcher and supports automated linkages between you and your professional activities ensuring that your work is recognized.

The key steps are; to register, add your personal information and links to your other identifiers such as Scopus, ResearcherID or LinkedIn, use your ORCID identifier on your e-mail signature and most importantly whenever you submit a publication.

### Step 2: Your papers and their journal(s)

#### *Use your ORCID iD as you submit a manuscript*

If you have recently submitted a paper to the Journal of Visual Communication in Medicine you will have seen that ScholarOne Manuscripts (<https://authorservices.taylorandfrancis.com/using-scholar-one-manuscripts/>) asks for your ORCID iD and this carries through to checking its accuracy at the proof-reading stage and its use as a small green logo in the title section of your publication, see Figure 1, and the full weblink at the end of the paper.


The use of your ORCID iD means that once your paper has been published your personal ORCID record will be updated with your latest publication. In terms of developing a research profile this could be the end of the building as when you register with ORCID you also get a webpage showing your publications, for example the public version of my ORCID page is at <https://orcid.org/0000-0002-3086-7946>, see Figure 2.

#### *Use ORCID to own your older publications*

Once you have registered with ORCID all publications where you use your ORCID iD will automatically be added to your profile. However, you will need to add older publications, termed works, to your ORCID profile.

Works can be added using identifiers for your publications, digital object identifiers (DOIs), or other identifiers for your publication record, for example SCOPUS.

## Developing your leadership skills

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### ABSTRACT

Leading a team with a small or large number of people can be difficult and it requires time and experience to develop and apply the necessary skills. This paper includes a number of learning activities designed to start you off on the road to becoming a leader and to hone those skills through reflection.

### ARTICLE HISTORY

Received 23 May 2018  
Accepted 29 May 2018

### KEYWORDS

Leadership; CPD; PDP;  
development; learn-  
ing; teams

**Figure 1.** Top of a paper from the Journal of Visual Communication in Medicine showing key identifiers, small green logo for your ORCID iD that links to your ORCID page and just under the journal's name the digital object identifier for the paper.

### What are digital object identifiers?

The technical explanation from the DOI website is 'The DOI system provides a technical and social infrastructure for the registration and use of persistent interoperable identifiers, called DOIs, for use on digital networks.'. The key elements of a DOI in terms of journal papers is that each paper is given a unique, persistent identifier, see [Figure 1](#). The identifier is unique to your paper and journal, so it can be used to reference the paper, e.g. the link <https://doi.org/10.1080/17453054.2018.1483190> resolves to <https://www.tandfonline.com/doi/abs/10.1080/17453054.2018.1483190?journalCode=ijau20> and when it is linked to your ORCID iD is used to automate data entry for your ORCID profile and social networking sites for researchers.

### What can and can't you do with your publications?

Before moving on to the final step of creating your research showcase you need to be aware of the possible restrictions as to what you can and can't do with your paper. The extent of sharing your publication depends on where and how your paper is published and some journals also allow different levels of access within the same publication. Publisher copyright policies and self-archiving for journals can be found in the RoMEO database (<http://sherpa.mimas.ac.uk/romeo/index.php>).

The colours in [Table 1](#) differentiate between the four categories of archiving rights for publishers. The definitions used are that pre-prints are the versions of the paper before peer-review and post-prints are the versions after peer review, with revisions having been made, i.e. the article as published. The entry for the Journal of Visual Communication in Medicine can be seen in [Figure 3](#), though it should be noted

that this record appears to be out of date as the journal does allow for a paid open access option which you will come across as you use ScholarOne Manuscripts to upload your publication.

The other term you will have heard talked about is Gold publication, which is a later development independent of the RoMEO categories as in [Table 1](#), and is used to describe publishers of open access journals, this equates to RoMEO's Green access allowing archiving of the final published version of your paper.

The Journal of Visual Communication in Medicine includes a Gold publication route which can be seen in the header of the journal's home page as Publish open access in this journal with an open lock, see [Figure 4](#). Papers that are open access can be recognized, when you browse through without logging into a journal you subscribe to, by the open lock. Some research funding bodies require Gold publication and the finance to allow for this is included as part of their grants.

### Other personal identifiers

There are other personal identifiers that can support gathering all your publications into one place through ORCID and other researcher databases. These identifiers should all link with your ORCID iD though some may be separate and can be seen in [Table 2](#). These identifiers link to specific reference search databases for example SCOPUS is owned by Elsevier and is described as 'the world's largest abstract and citation database of peer-reviewed research literature. With over 22,000 titles from more than 5000 international publishers.'

Researcher ID is linked to Web of Science which is a service for UK Education and provides a single link to Clarivate analytics products. The services in the

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**ORCID ID**  
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**Websites**  
 Personal website  
 Dorrie Nossiter, Arts & Crafts  
 Jewellery Designer

**Country**  
 United Kingdom

**Keywords**  
 Personal Development Planning,  
 Photography, Personal injury,  
 Clinical, Continuing Professional  
 Development

**Other IDs**  
 Scopus Author ID: 7006430706

**Works (44 of 44)** Sort

**First detection of a highly invasive freshwater amphipod (Crangonyx floridanus) in the United Kingdom**  
 2018-10-11 | other  
 DOI: [10.1101/437301](https://doi.org/10.1101/437301)  
 Source: Crossref ★ Preferred source

**Developing your leadership skills**  
 Journal of Visual Communication in Medicine  
 2018-10-02 | journal-article  
 DOI: [10.1080/17453054.2018.1483190](https://doi.org/10.1080/17453054.2018.1483190)  
 Source: Crossref ★ Preferred source

**Post-feeding activity of Lucilia sericata (Diptera: Calliphoridae) on common domestic indoor surfaces and its effect on development**  
 Forensic Science International  
 2018-05 | journal-article  
 DOI: [10.1016/j.forsciint.2018.03.010](https://doi.org/10.1016/j.forsciint.2018.03.010)  
 Part of ISSN: 0379-0738  
 Source: Crossref Metadata Search ★ Preferred source

**Current issues: patient perception of clinical photography**  
 Journal of Visual Communication in Medicine  
 2018-01-02 | journal-article  
 DOI: [10.1080/17453054.2017.1347034](https://doi.org/10.1080/17453054.2017.1347034)  
 Source: Crossref ★ Preferred source

Figure 2. Example of a public version of an ORCID page showing recent publications.

Table 1. Statistics for publishers' default policies in the RoMEO database ( $n = 2561$ ), <http://sherpa.mimas.ac.uk/romeo/statistics.php>, excluding provisional policies and special policy exceptions.

RoMEO colour	Archiving policy	Publishers	%
Green	Can archive pre-print and post-print	1055	41
Blue	Can archive post-print (i.e. final draft post-refereeing)	845	33
Yellow	Can archive pre-print (i.e. pre-refereeing)	177	7
White	Archiving not formally supported	484	19

**Journal:** [Journal of Visual Communication in Medicine](#) (ISSN: 1745-3054, EISSN: 1745-3062)

**RoMEO:** This is a RoMEO green journal

**Paid OA:** This journal is not in the list for the paid open access option.

**Author's Pre-print:** ✓ author can archive pre-print (ie pre-refereeing)

**Author's Post-print:** ✓ author can archive post-print (ie final draft post-refereeing)

**Publisher's Version/PDF:** ✗ author cannot archive publisher's version/PDF

**General Conditions:**

- Some individual journals may have policies prohibiting pre-print archiving
- On author's personal website or departmental website immediately
- On institutional repository, subject-based repository or academic social network (Mendeley, ResearchGate or Academia.edu) after 12 months embargo
- Publisher's version/PDF cannot be used
- On a non-profit server
- Published source must be acknowledged
- Must link to publisher version
- Set statements to accompany deposits (see policy)
- The publisher will deposit in on behalf of authors to a designated institutional repository including PubMed Central, where a deposit agreement exists with the repository

**Mandated OA:** (Awaiting information)

**Paid Open Access:** [Taylor & Francis Open Select](#) - 500 journals

**Notes:**

- STM: Science, Technology and Medicine
- Publisher last contacted on 25/03/2014

**Copyright:** [Policy](#)

**Updated:** 26-Mar-2014 - [Suggest an update for this record](#)

**Link to this page:** <http://sherpa.mimas.ac.uk/romeo/issn/1745-3054/>

**Published by:** [Taylor & Francis: STM, Behavioural Science and Public Health Titles](#) [Commercial Publisher] - [Green Policies in RoMEO](#)

**Other parties:** [Informa Healthcare](#) [Former Publisher] - [Yellow Policies in RoMEO](#)

**Guidance:** Please see the list of [Publisher Categories in RoMEO](#) for guidance on interpreting the priority of multiple publishers.

These summaries are for the journal's default policies, and changes or exceptions can often be negotiated by authors.  
 All information is correct to the best of our knowledge but should not be relied upon for legal advice.

Figure 3. RoMEO Database entry for the Journal of Visual Communication in Medicine.





**Figure 4.** The Journal of Visual Communication in Medicine's home page.

web of science platform can be seen at <https://wok.mimas.ac.uk/about/>. The Researcher ID also now links with Publons the peer review record service see the paper Journals and CPD (Bryson, 2016).

### Step 3: Your research showcase

There are a number of web services that allow you to either pull together all of your publications into one page or that go beyond that to provide social networking and collaboration tools that link your research to other researchers with similar interests. These are similar to professional networks like LinkedIn but designed for researchers to share their publications and research in-progress. In fields where there are a small number of active researchers this enables your research and publications to be accessible to a wider audience.

These services are not mutually exclusive so you can use as few or as many as you like from the most basic to the more sophisticated. It is always important to remember like other social networks the more you put in the more you get out but equally it is advisable not to spread yourself too thin and try to have profiles on every possible site.

#### Google Scholar

This is probably the simplest starting point if you use Scholar as a search tool, <https://scholar.google.co.uk/>, as once you have signed in to Google and access scholar there is a link in the top left to 'My profile' along with a mortar board logo. To build up your profile you add papers manually or more easily as groups using your name and including papers you wrote under your name. Once added papers can be viewed by, title A–Z, year most recent first or by the number of citations, see [Figure 5](#).

In simple terms Scholar provides little above your ORCID page but as it is linked to your papers and sees when your papers are cited by others it records the number of citations each year which can be seen in the histogram on the right side of your profile along with your h-index (<https://bitesizebio.com/13614/does-your-h-index-measure-up/>) and your i10

index, the number of publications with at least 10 citations (<http://guides.library.cornell.edu/c.php?g=32272&p=203393>). Google Scholar's 'My profile' does provide a weblink to your profile though it isn't very user friendly.

#### Academia.edu, ResearchGate, Kudos and Publons/Web of Science

These collectively are the upmarket versions of building your online research profile and each have specific features and approaches to showcasing your research. A primary purpose for them all is to increase the number of reads for your work outside the usual readership of specific journals and so your presence as a researcher.

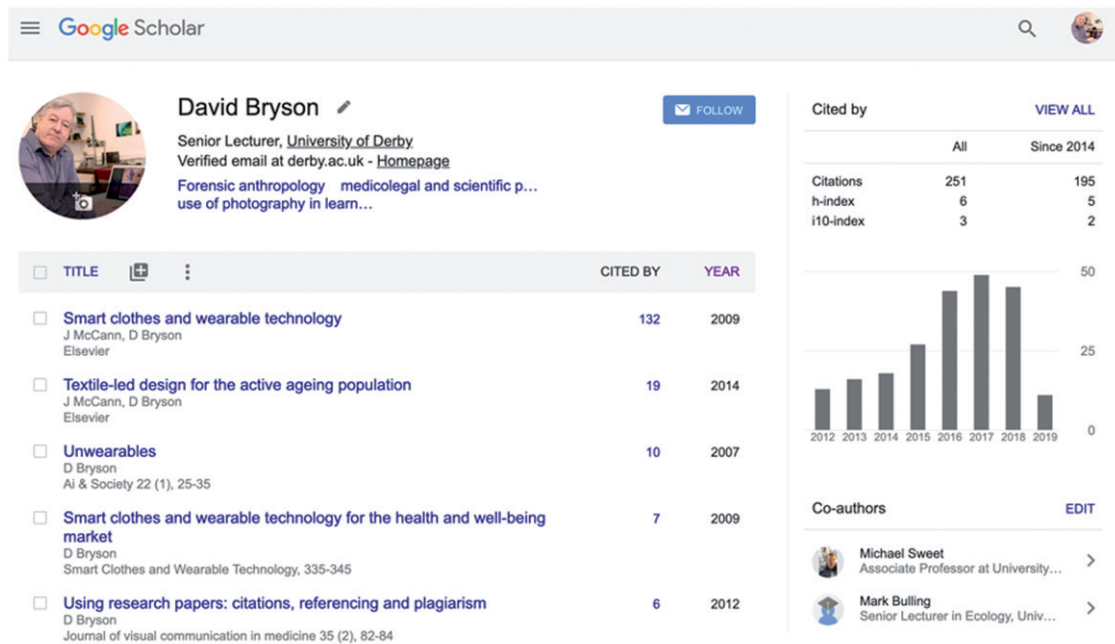
Academia.edu (<https://www.academia.edu/>) is an American social networking website for academics and its platform can be used to share papers, monitor impact and follow researchers in specific fields. Many of the features that were free are now premium features which has probably led to its recent reduced perceived significance compared to ResearchGate.

ResearchGate (<https://www.researchgate.net/>) in their own words 'is the professional network for scientists and researchers. We help researchers connect and make it easy for them to share and access scientific output, knowledge and expertise.' Details can be seen in the Getting started page <https://explore.researchgate.net/display/support/Getting+started>. The site also includes access via an iOS app <https://itunes.apple.com/us/app/researchgate/id1208163937?ls=1&mt=8>.

As well as providing a platform for your research and research publications it encourages you to think in terms of putting your research into projects and to add regular updates to your projects as you work and not just to add conventional research papers but also to include posters, presentations and other forms of published work. In the context of the Institute of Medical Illustrators this could mean published illustrations and photographs, links to blog

**Table 2.** Personal and publication identifiers.

	Website	ORCID
<b>Personal identifiers</b>		
LinkedIn	<a href="https://www.linkedin.com">https://www.linkedin.com</a>	Add when registering
SCOPUS	<a href="https://en.wikipedia.org/wiki/Scopus">https://en.wikipedia.org/wiki/Scopus</a>	Add when registering
ArXiv ID	<a href="https://arxiv.org/help/author_identifiers">https://arxiv.org/help/author_identifiers</a>	To add works
PubMed ID	<a href="https://www.ncbi.nlm.nih.gov/pubmed/">https://www.ncbi.nlm.nih.gov/pubmed/</a>	To add works
Google Scholar	<a href="https://scholar.google.co.uk">https://scholar.google.co.uk</a>	No
<b>Publication identifiers</b>		
Digital object identifier	<a href="http://www.doi.org/">http://www.doi.org/</a>	To add works
Import BibTex	<a href="http://www.bibtex.org/">http://www.bibtex.org/</a> File format for exporting references	To add works
Search and Link		To add works
Add manually		To add works

**Figure 5.** My profile from Google Scholar organised by citations.

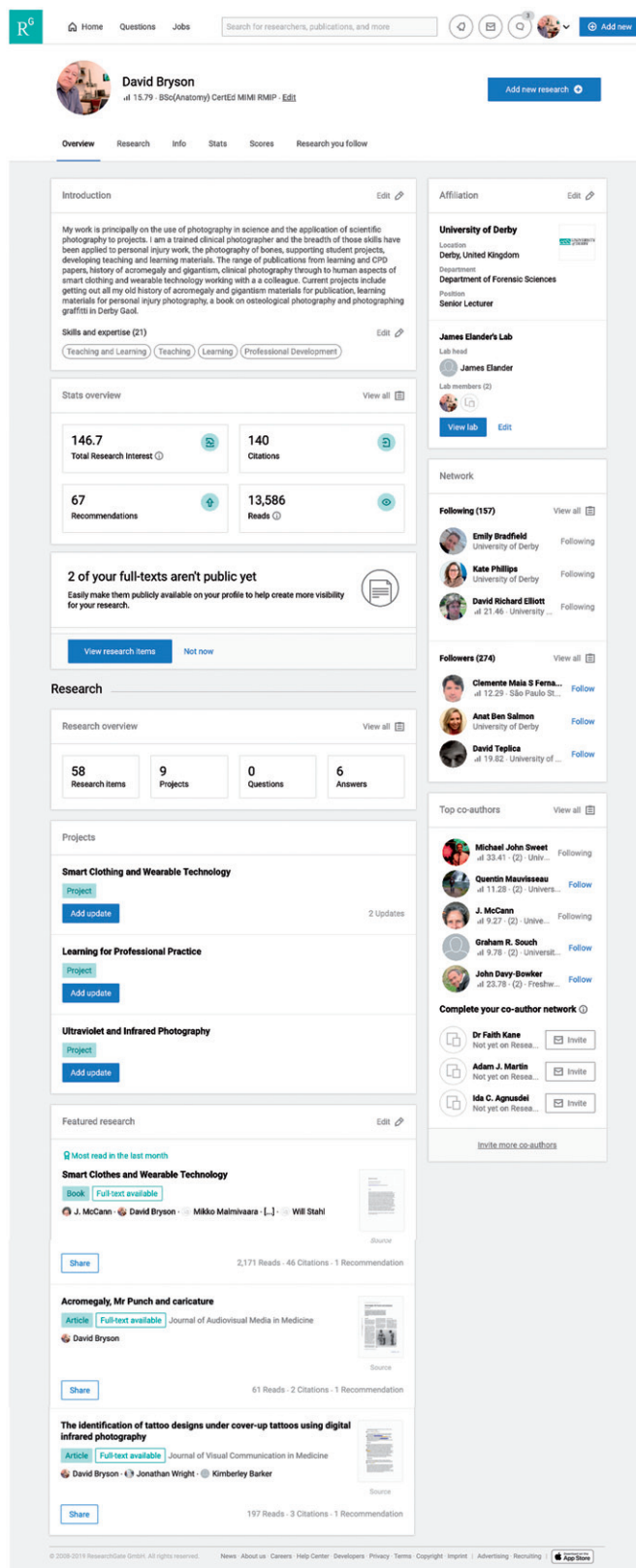
posts and contributions to National Guidelines. ResearchGate also provides the opportunity to link to your Labs, which can be widely interpreted, and community of researchers who can follow you as you follow back and so develop a network as you would in a LinkedIn profile, see Figure 6 for features on a profile.

Kudos (<https://www.growkudos.com/>) in their own words 'is a web-based service that helps researchers and their institutions and funders increase the visibility and impact of their publications – such as research articles, books and book chapters.' As its home page states 'Accelerating research impact: Join a global community of researchers using Kudos to communicate work more effectively and accelerate its positive impact in the world.'

The key difference with Kudos is its emphasis on helping authors of scholarly content explain and share their publications through encouraging researchers to describe their work in plain language, and to supplement it with updates since publication, to create trackable links that can be used when sharing such that these can be mapped and measured to show the impact on publication metrics (Williams, 2017).

Bringing papers to life using Kudos requires researchers to; Explain: through a plain language title, what is it about in a non-technical explanation, why is it important what is unique or timely about your work and your own personal perspective; Image: Select a featured image for your publication to help showcase your work; Share: Create a trackable link, with suggested labels for social media via a weblink, Twitter, LinkedIn or facebook; Audience: If work relates to specific regions choose them or if universally relevant select all; Resources: Links to external resources such as presentations, videos, interviews, figures or related publications. These steps help to build on the impact and cross-linking e.g. from the presentation that led to the paper that led to further research.

Publons/Web of Science (<https://publons.com>) uses the capability of the Web of Science citation universe across subjects and around the world together with your peer reviews through publons to build up your reviewer/publication profile with a site that allows you to manage your reviews and track your citations. Once you have linked to all your publications and reviews you can see and visualize your publication and peer review metrics.



**David Bryson**  
 15.79 · BSc(Anatomy) CertEd MMF RMP · Edit

**Introduction**  
 My work is principally on the use of photography in science and the application of scientific photography to projects. I am a trained clinical photographer and the breadth of those skills have been applied to personal injury work, the photography of bones, supporting student projects, developing teaching and learning materials. The range of publications from learning and CPD papers, history of acromegaly and gigantism, clinical photography through to human aspects of smart clothing and wearable technology working with a colleague. Current projects include getting out all my old history of acromegaly and gigantism materials for publication, learning materials for personal injury photography, a book on osteological photography and photographing graffiti in Derby Gash.

**Skills and expertise (21)**  
 Teaching and Learning Teaching Learning Professional Development

**Stats overview**  
 146.7 Total Research Interest  
 140 Citations  
 67 Recommendations  
 13,586 Reads

**2 of your full-texts aren't public yet**  
 Easily make them publicly available on your profile to help create more visibility for your research.

**Research**  
 Research overview  
 58 Research items 9 Projects 0 Questions 6 Answers

**Projects**  
 Smart Clothing and Wearable Technology  
 Project Add update 2 Updates  
 Learning for Professional Practice  
 Project Add update  
 Ultraviolet and Infrared Photography  
 Project Add update

**Featured research**  
 Most read in the last month  
 Smart Clothes and Wearable Technology  
 Book Full-text available  
 J. McCann · David Bryson · Mikko Malmivaara [...] · Wil Stahl  
 2,171 Reads · 46 Citations · 1 Recommendation  
 Acromegaly, Mr Punch and caricature  
 Article Full-text available Journal of Audiovisual Media in Medicine  
 David Bryson  
 61 Reads · 2 Citations · 1 Recommendation  
 The identification of tattoo designs under cover-up tattoos using digital infrared photography  
 Article Full-text available Journal of Visual Communication in Medicine  
 David Bryson · Jonathan Wright · Kimberley Barker  
 197 Reads · 3 Citations · 1 Recommendation

**Affiliation**  
 University of Derby  
 Location Derby, United Kingdom  
 Department Department of Forensic Sciences  
 Position Senior Lecturer  
 James Elander's Lab  
 Lab head James Elander  
 Lab members (2)  
 View lab Edit

**Network**  
 Following (157)  
 Emily Bradfield University of Derby Following  
 Kate Phillips University of Derby Following  
 David Richard Elliott 21.46 University of Derby Following  
 Followers (274)  
 Clemente Maia S Ferra... 12.29 São Paulo St... Follow  
 Anat Ben Salmon University of Derby Follow  
 David Teplica 19.82 University of Derby Follow  
 Top co-authors  
 Michael John Sweet 33.41 (2) Univ... Following  
 Quentin Mauvissau 11.28 (2) Univers... Follow  
 J. McCann 9.27 (2) Univ... Following  
 Graham R. Souch 9.78 (2) Univers... Follow  
 John Davy-Bowker 23.78 (2) Freshw... Follow  
 Complete your co-author network  
 Dr Faith Kane Not yet on Resea... Invite  
 Adam J. Martin Not yet on Resea... Invite  
 Ida C. Agrundel Not yet on Resea... Invite  
 Invite more co-authors

## Your details

## Introduction

## Affiliation

## Stats overview

## Network

## Following

## Followers

## Research overview

## Top co-authors

## Projects

## Featured research

Figure 6. Features on a ResearchGate profile page.

**Further reading**

This is very much a current topic following on from the editorial piece by Erolin (2019) and has been discussed in papers from the perspective of looking at the impact of creating an online research presence (Cheek & Øby, 2018), reputation (Nicholas, Clark, &

Herman, 2016) and social networking (Luisetto, Mokbul, & Cabisanca, 2016; Masic, Sivic, Toromanovic, Borojevic, & Pandza, 2012; Zhang & Yan, 2018). For further professional development activities related to research please see 'Are you a researcher as well as a medical illustrator?' (Bryson, 2013) and Journals and CPD (Bryson, 2016).

## Disclosure statement

No potential conflict of interest was reported by the author.

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