Overview of research systems

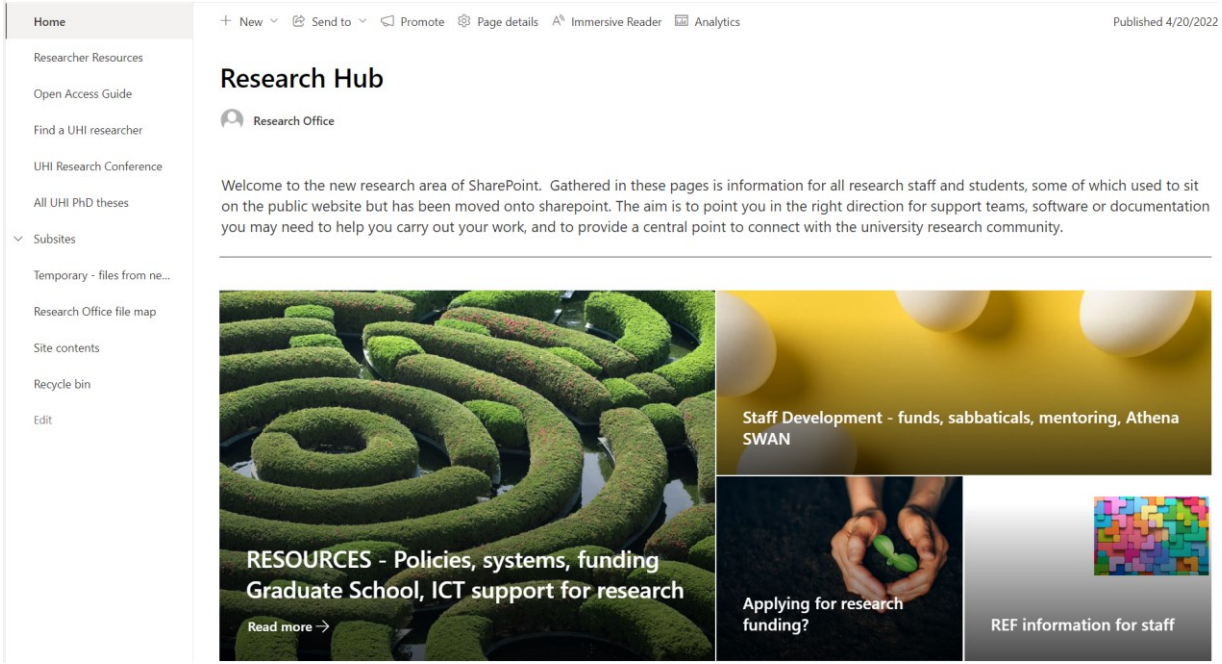
LTA: Building your academic profile using Pure

Stuart Knight

Who am I?

+ stuart.knight@uhi.ac.uk
+ Managed by Michael Rayner, Neil Simco for REF
+ I work to support staff at all locations across all disciplines
+ Pure administrator since 2013, data management, support, development
+ Supported REF submissions in 2014 and 2021 + REF systems support
+ Open Access support, with Tracey Cooper, UHI Libraries connection/overlap
+ APC payments for research publishing
+ Research Professional funding and news admin
+ Research Web and SharePoint editor
+ Data Management and Research Metrics

Researcher Resources move to SharePoint…



https://myuhi.sharepoint.com/sites/eo-ro

Information on…

- Links to other areas – MESE, GradSchool, LIS, LTA, Libraries, Web, Knowledge Exchange
- Researcher development pages – sabbaticals, mentoring, Athena Swan, conference fund support, Training (under revision), Values, Integrity
- Systems, Guides, WoS, Scopus, GIS, Pure, Res Prof, Arkivum, Unpaywall, NVIVO
- Publishing, APC payments and Open Research, links to Library help, SUP
- Research Policies and Ethics
- Data management in research
- REF2021 submission, REF .

Linked subjects

1. **Focus on Pure & Research Repository**
2. **Integrations and overlaps**
3. **Open access and data management**
4. **ORCiD**
5. **RP - Research funding**
6. **REF**
7. **Where to get help!**

Pure & Pure portal

Public Portal, or the Research Database, displays all the public information within the database.

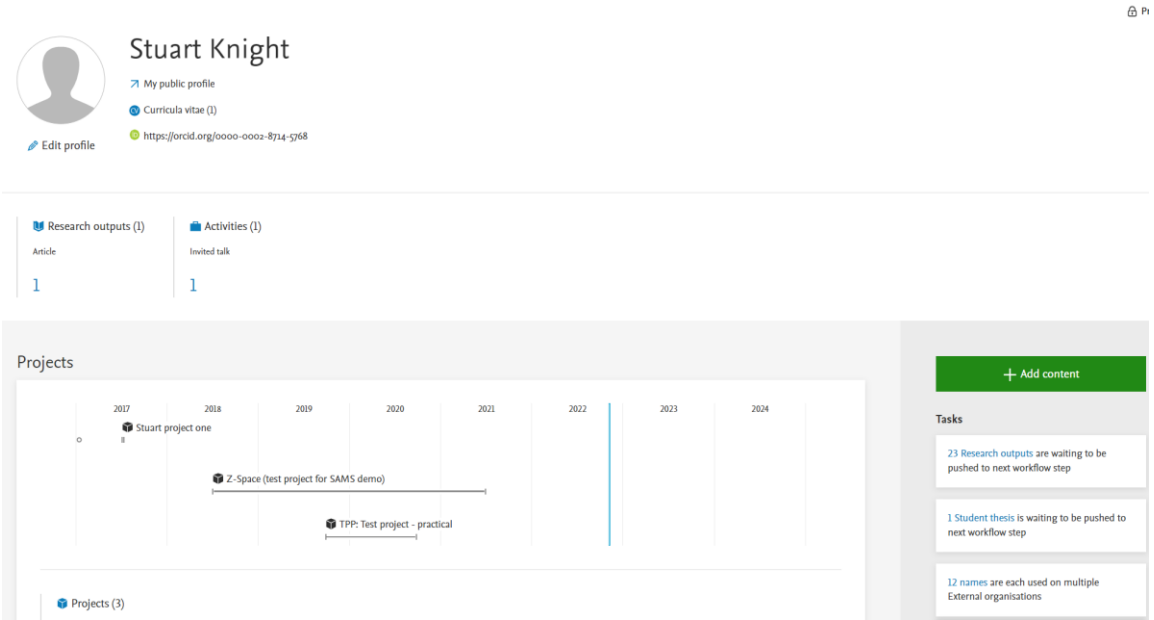
Used by employers, businesses, prospective students, current students, public bodies, funders, other researchers, collaborators, public agencies, schools etc.

Backend

This is where all editing work to populate profiles, admin tasks, reporting, uploading and REF workflow takes place. Most people refer to this part as just Pure.

They are both browser based so work anywhere you have an internet connection.

‘Backend’ is where all the editing and reporting work is done to create your profile, and data is verified



https://pureadmin.uhi.ac.uk/admin

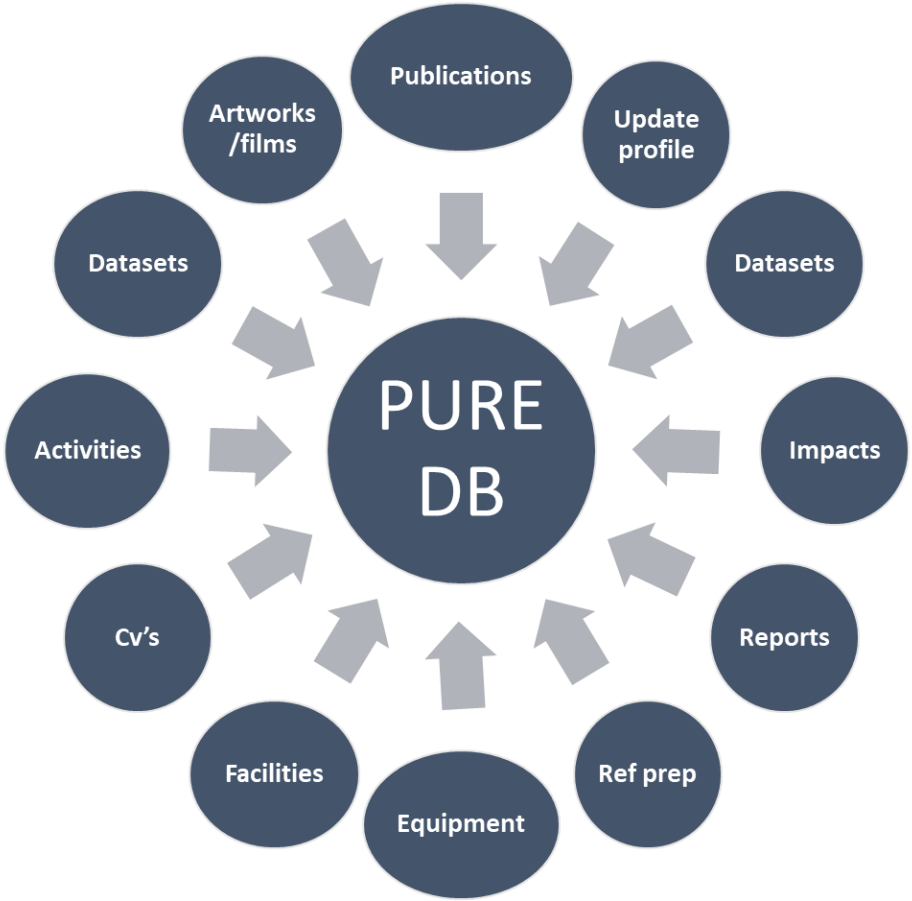
Public Portal, or the Research Database, displays all the public information within the database.

https://pure.uhi.ac.uk/en/

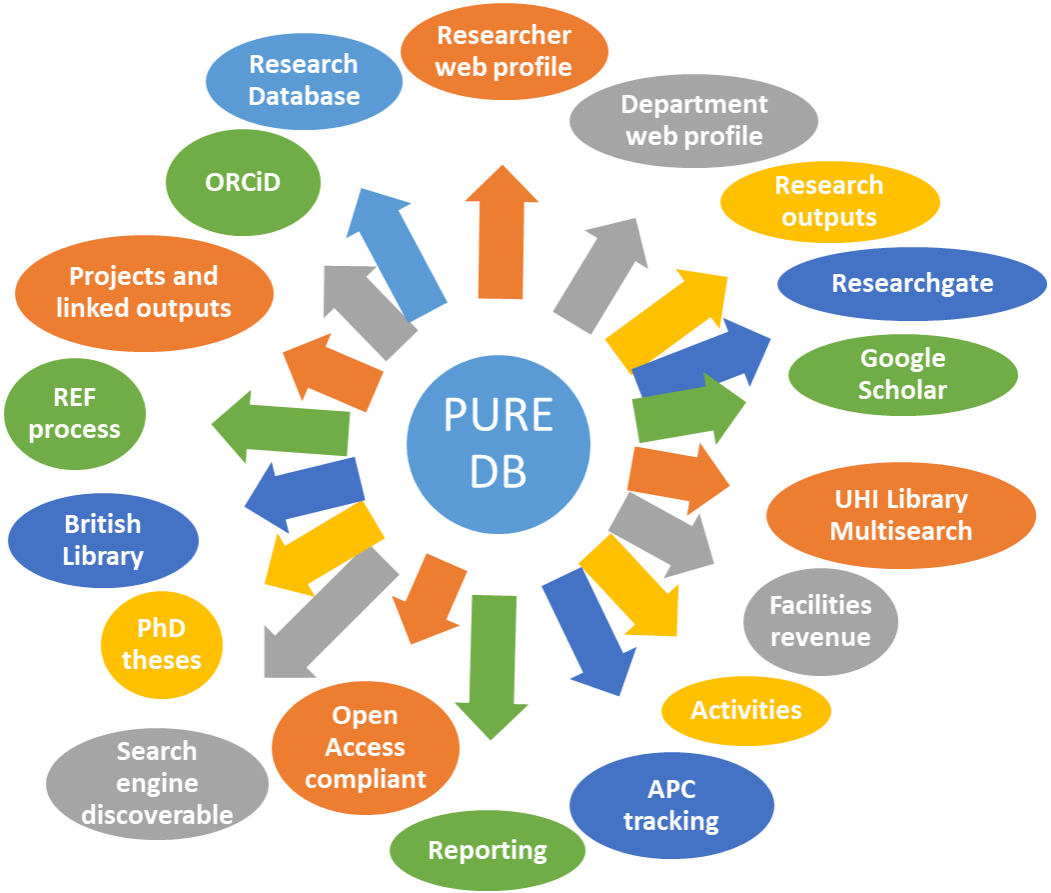
PURE not just about the REF, it does much more for us

+ Presents research outputs, data and UHI staff to the world, creating our global online institutional profile.
+ Gives detail to our research specialties.
+ Organise and present all our research data, allowing reporting of all kinds of research information.
+ Satisfy funder and government mandates on open research.
+ Can detail facilities, research impacts, funding awards, projects (links to staff, activity and outputs), conferences.
+ Gives a place to present our PhD theses and supervision.
+ Funding application and award management (GCO).
+ A platform to digitally coordinate our REF preparations.

Pure – organise research information



Input once, re-use many times



Validation of output metadata

All the data you add goes through what is called a validation stage, checking:

- date, chapter and volume information
- DOI works (digital Object Identifier, global id system for articles)
- all links work
- version of the article (now must be attached to every record)
- license terms added
- Cross-check all the above against the publisher website

OK….not OK?

- Any questions on the data, sent back to author with comment via digital workflow
- Opportunity for author to amend data and send for re-validation with comments
- All paperless
- Once validated, fully live on Research Database but can still be updated
- Once validated work is also REF compliant

Why should you use Pure?

Public access to your research activity

Other UHI staff, business, prospective students, current students, employers, funders, other researchers, potential collaborators, public agencies, companies.

You control your research profile

Used as a repository you can deposit all file types and specify each item to be publically visible or confidential. It updates your profile as you add to it, no need to manually update web pages. Link to your Pure profile from other webpages.

REF2021

One place to manage and report the REF process across multiple locations in real-time with compliancy checking, notes, audit trail and complete final submission upload.

Equity of visibility regardless of location/size of department

As a university-wide system it gives everyone the opportunity for equal visibility and for meaningful management reports to be generated. Your global profile.

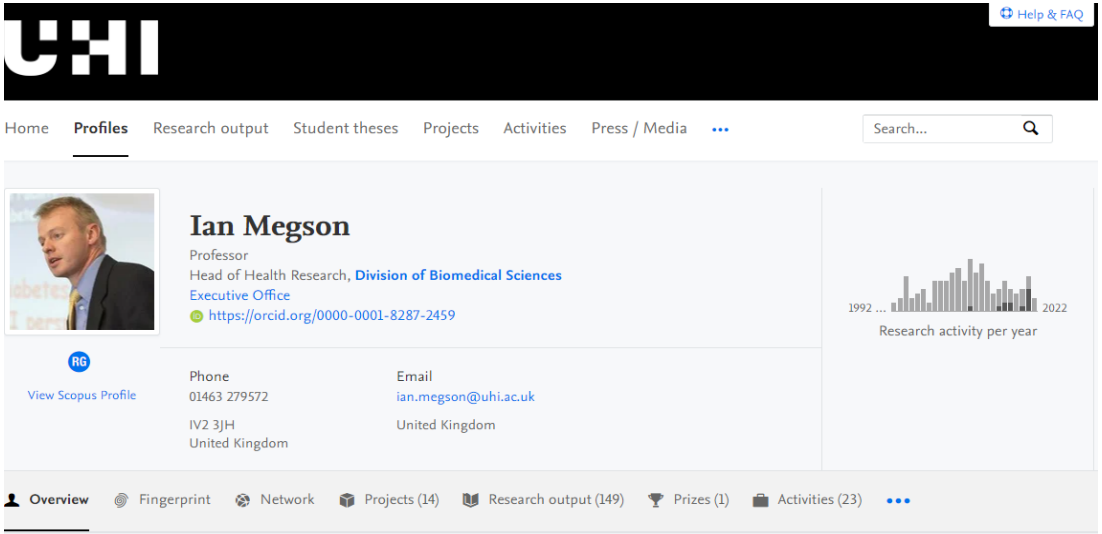
Who should use PURE?

Research active staff - Research supervisors - Research managers - PhD students

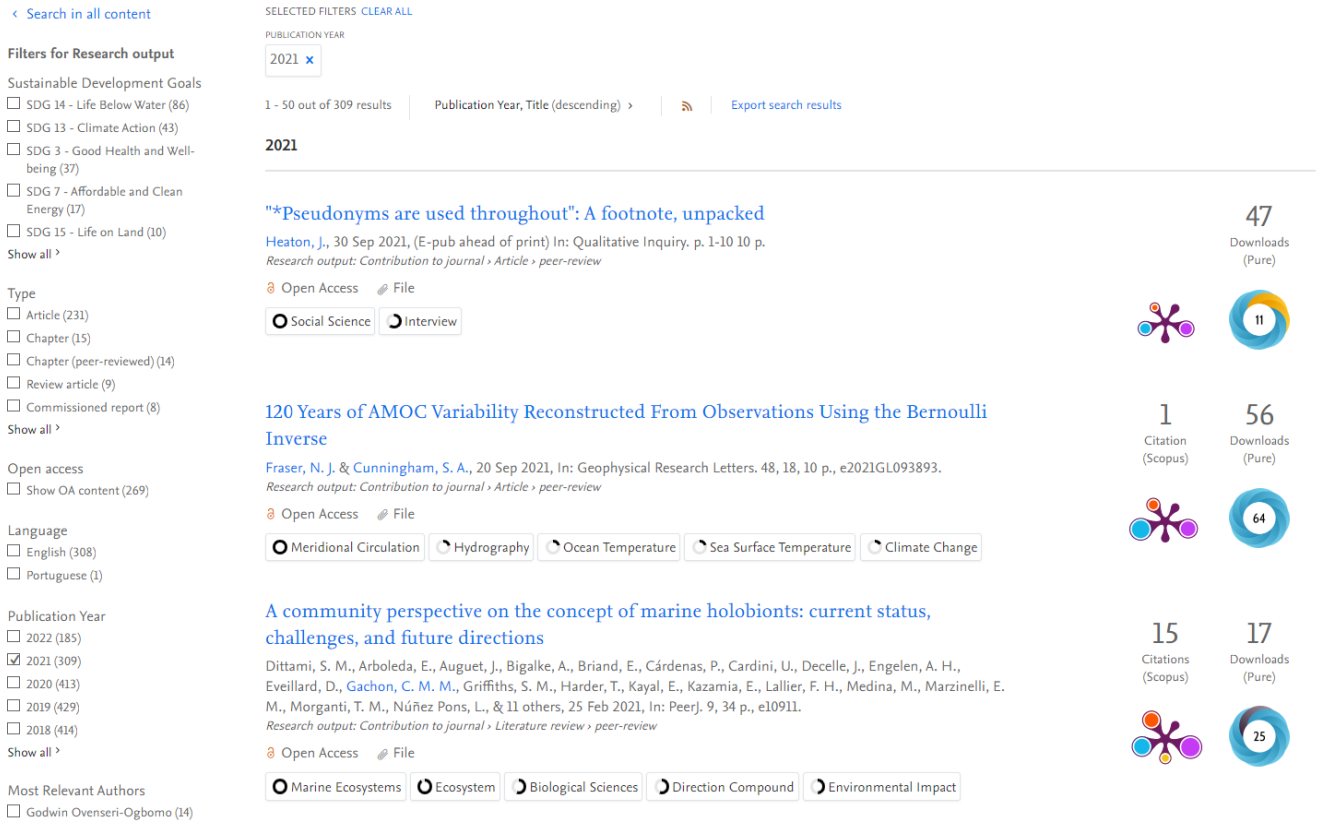
Benefits to research staff & users of research data

+ One place to deposit, with multiple re-use of data
+ Easy management of all your output over the web, instantly updated
+ Help attract collaborators by having a full, accessible and rich research profile
+ Quick and easy imports using the CrossREF, PubMed, Web of Science, Mendeley
+ Creation of multiple dynamic CV's using different data for different funding bodies
+ Every download includes a summary of the work and re-use/take down policy, ensuring anyone who downloads your work understands how they may re-use it

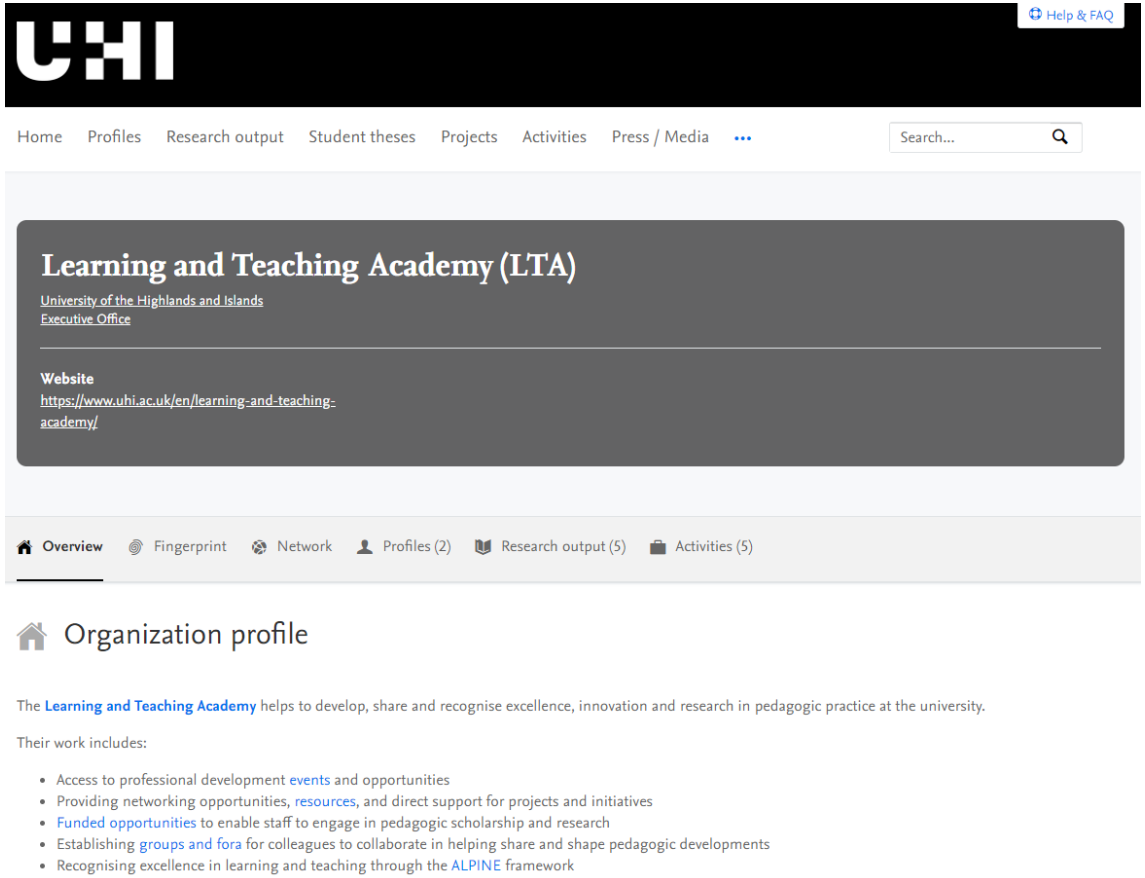
Research Repository Staff



Research Repository Outputs



Research Repository Departments



DEMO

If you are doing any kind of research work – register to use PURE!

After an initial burst of work to populate your profile and add past work, your time within PURE will be minimal and the benefits of the visibility are many. What you see (and don't see) is controlled by extensive permissions based on both location and need within Pure

REF process tool

We used PURE to organise and upload our REF2014 submission and are doing so again for REF2021 – work started some time ago. Anyone included in REF2021 must be working in PURE regularly to ensure all their work is visible to the public and the REF team to be able to contribute to our next submission.

Management tool

Within each department/school/partner there will be processes for organising and encouraging researchers to publish and to nurture their expertise. PURE is where the expertise is made visible.

Research Database

University shop window to the world. Used by agencies, funders, potential students (recent studentships caused a massive spike in visits to all areas of the website), other researchers, potential business partners to gauge the work we are doing and have done in the past.

Integrations and Overlaps

Integrations

+ Research funding award management and reporting
+ Search and import new/existing research outputs from multiple sources
+ ORCiD and Scopus id matching
+ Fingerprinting of keywords from abstracts/titles/profile
+ Import data/additional metadata from Scopus, CrossREF, PubMed, Web of Science, Sherpa Romeo
+ Creation of multiple dynamic CV's using different data for different funding bodies
+ News/media mentions import
+ UHI Libraries search integration
+ Ethos UK PhD database export
+ CORE database export

Open Access

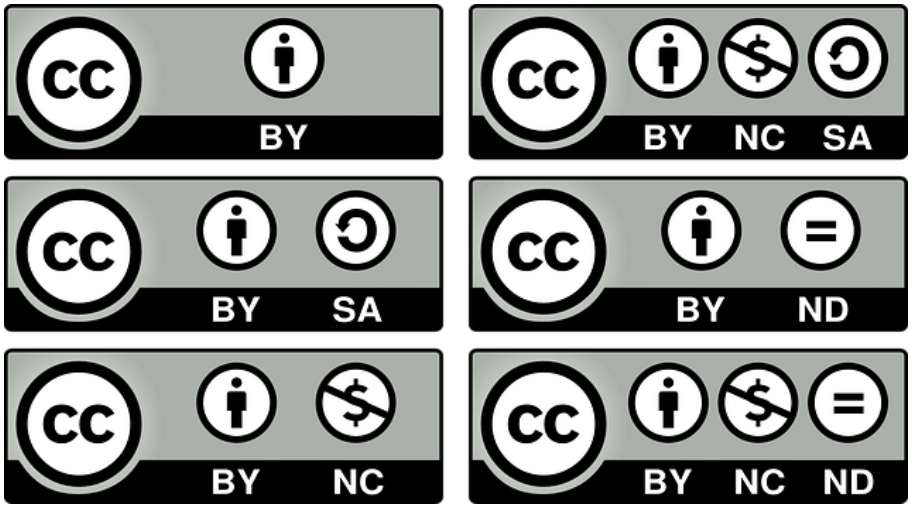
Read and Publish or Transformational agreements

+ Cambridge University Press
+ Springer Nature
+ Taylor and Francis
+ Wiley
+ Sage
+ Karger
+ PNAS (Proceedings of the National Academy of Sciences of the USA)
+ Elsevier

openaccess@uhi.ac.uk
UHI SP - resources
UHI Library guide

Ensure your work is licensed correctly

Various licences are available to protect and share your work
The Creative Commons suite of definitions are becoming the standard descriptor



https://creativecommons.org/licenses/
UHI SP – researcher resources

Ensure your work is licensed correctly

Stating the re-use policy of your work is now something you need to think about

Now that you are required to make a copy of your work available from the Research Database it is important people understand how they can re-use the work.

Various licences are available to protect and share your work

The Creative Commons suite of definitions are becoming the sector standard.

Every download from Pure includes a coversheet

An automatic, system generated that cannot be bypassed is attached to every download from our Research database stating the re-use policy for the work and location of the publisher version and take down policy.

https://creativecommons.org/licenses/
UHI SP – researcher resources

ORCiD

ORCiD
Connecting Research and Researchers

What is ORCiD?

- ✓ Unique, persistent identifier for researchers & scholars
- ✓ Non-profit organization supporting linkages between systems
- ✓ Registration is free!
- ✓ Initial setup can take as little as 3 minutes.

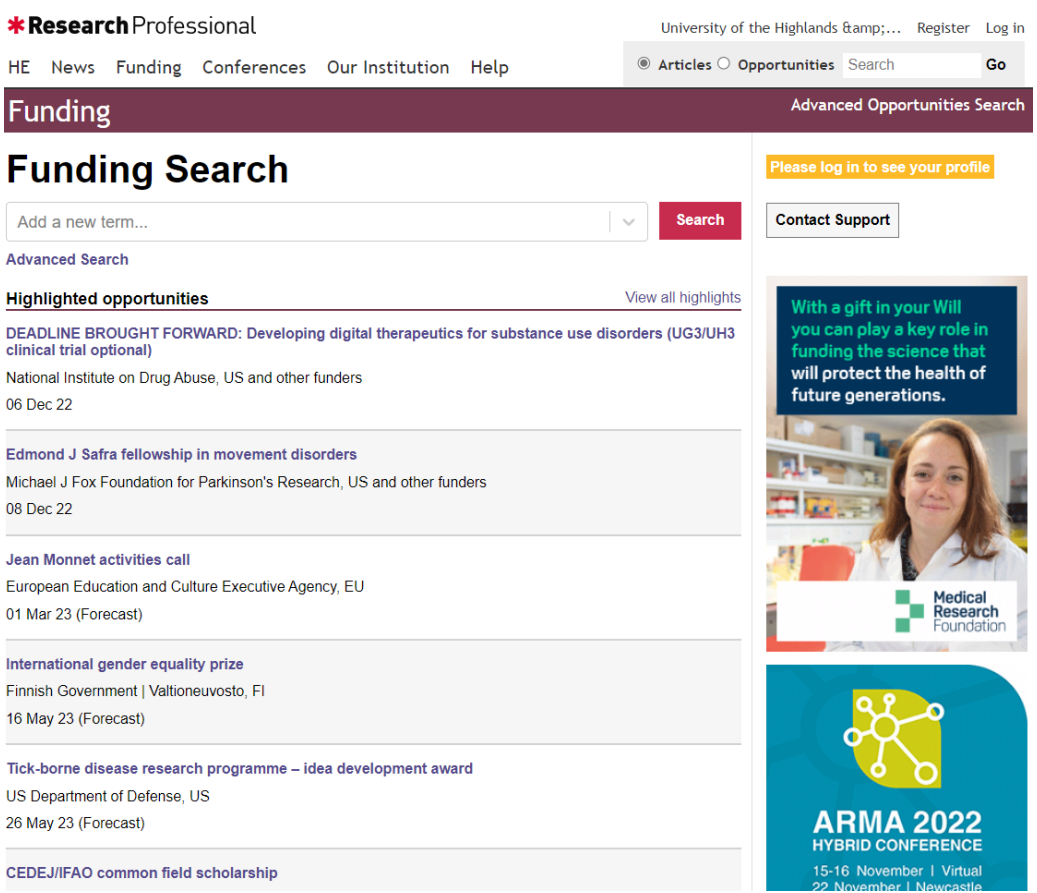
Why?

- ✓ Optimise your discoverability
- ✓ Systems identifier
- ✓ Eliminates name ambiguity
- ✓ A unique 16 digit number is generated, stays with you throughout your career
- ✓ HESA, REF, Funder, publisher requirement

Generate your ORCiD at orcid.org

Research Professional

RESEARCH PROFESSIONAL FUNDING DATABASE



RESEARCH PROFESSIONAL FUNDING DATABASE

Increasing requirement to diversify and increase research and knowledge exchange income

+ Tool to help you find the funding you need - Currently 13,400 Individual funding calls listed
+ 7800+ Research funds
+ From 43 Countries -the funding information is incredibly diverse and detailed; current and predicted calls are constantly updated by the team.
+ UKRC to Charities, structural funds to small amounts
+ EU funds…still quoted, still applicable (just!)
+ Plus news items about research and comment about political decisions affecting the research landscape in the UK, the EU and various regions across the world.
+ Use the alerts – once you get the keywords/terms right you will get exactly the funding you are interested in delivered to your inbox.

REF

Research Excellence Framework

Scale of the exercise?

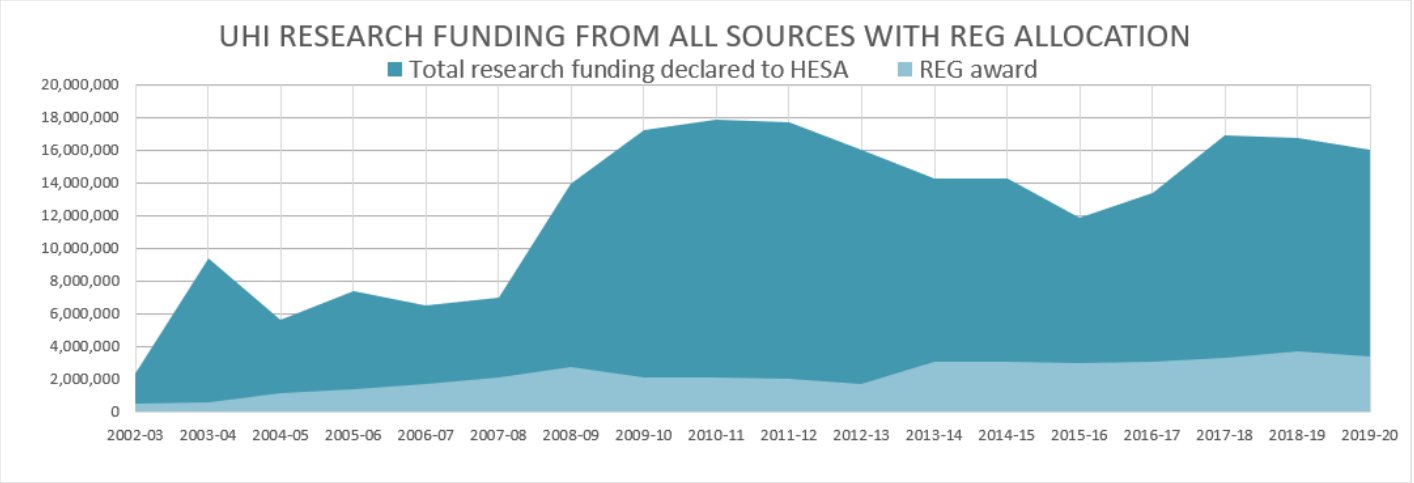
	2014	2021
HEIs assessed	154	157
Category A Staff	52,061	*76,000
Research Outputs	191,232	185,000
Impact Case Studies	6,975	6,700

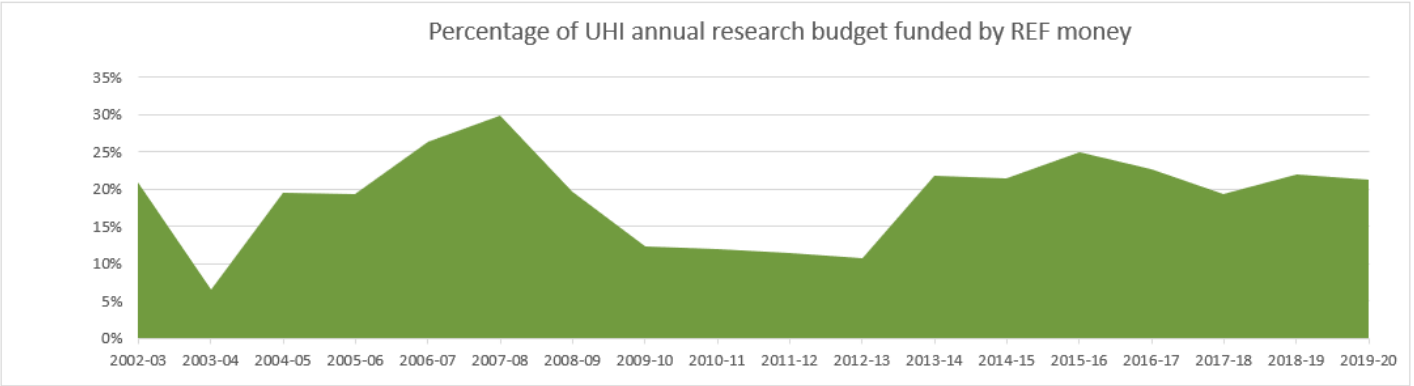
* **REF comment:** The number of staff returned is a 46 per cent increase since REF2014.

Why is research assessment important?

+ Funding – Direct (c. £2bn pa across the UK) and Consequential
+ Reputation (157 HEIs take part)
+ Peer-reviewed – broadly trusted and accepted results
+ Provides a comprehensive overview of the state of UK research
+ Demonstration of ‘value for public money’
+ Intended to help to drive up UK research quality
+ Intended to “reward and encourage the effective sharing, dissemination and application of research findings and the productive interchanges of research staff and ideas between HEIs, business, public and third sector organisations.”

Consider the income since 2002



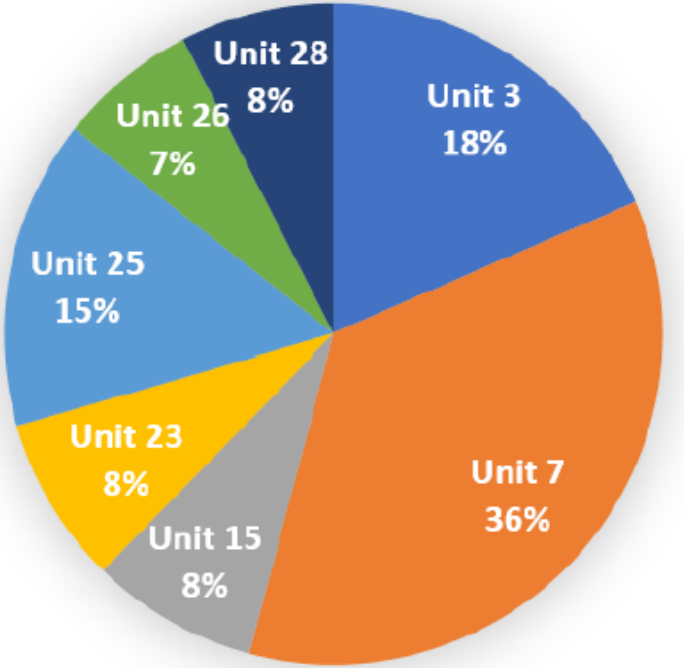


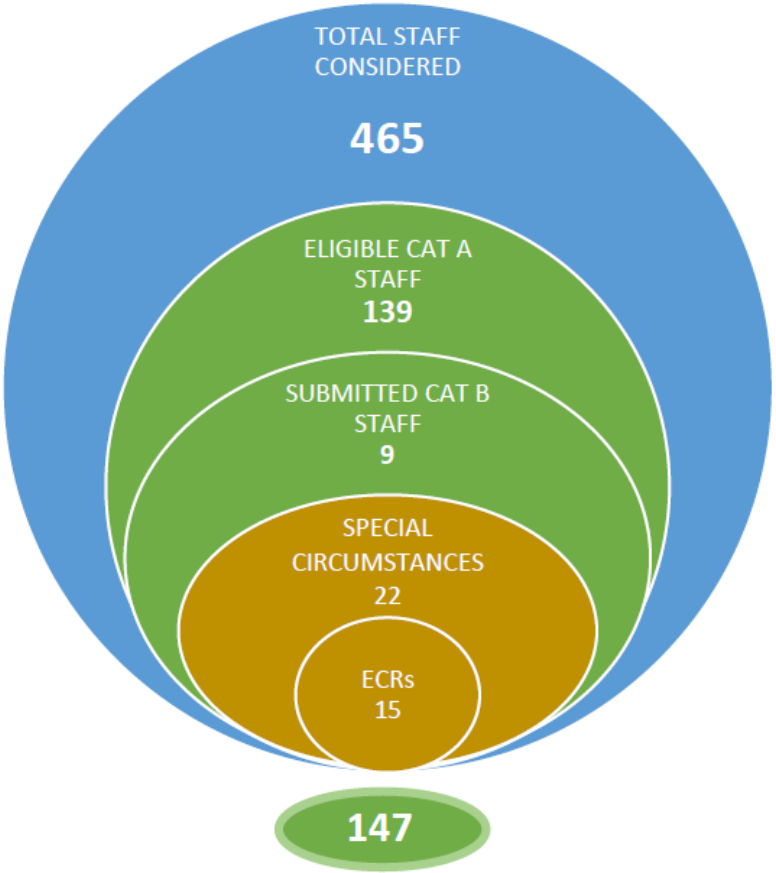
The Assessment Criteria

Overall quality

Our REF2021 submission by UoA

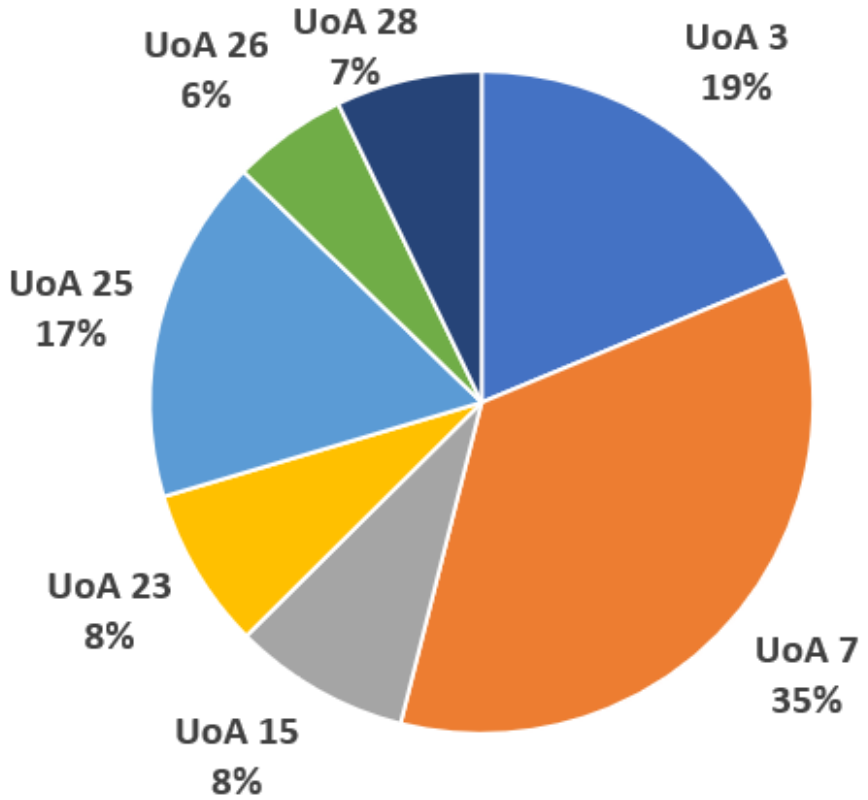
Staff





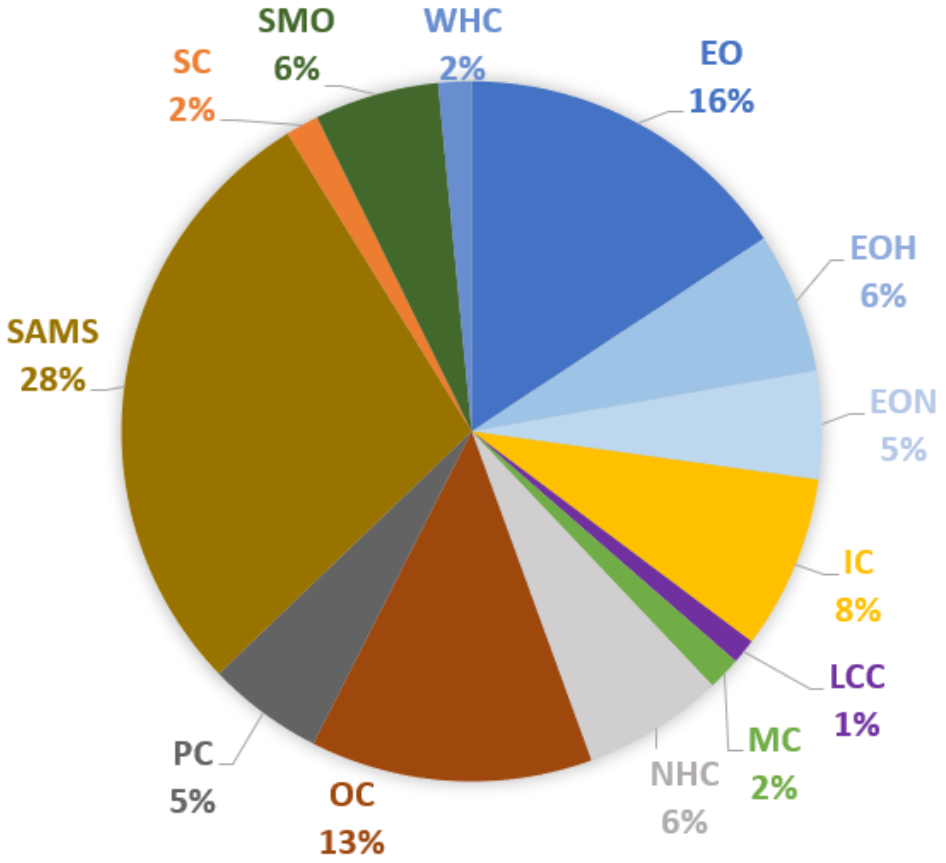
Our REF2021 submission by UoA

Outputs

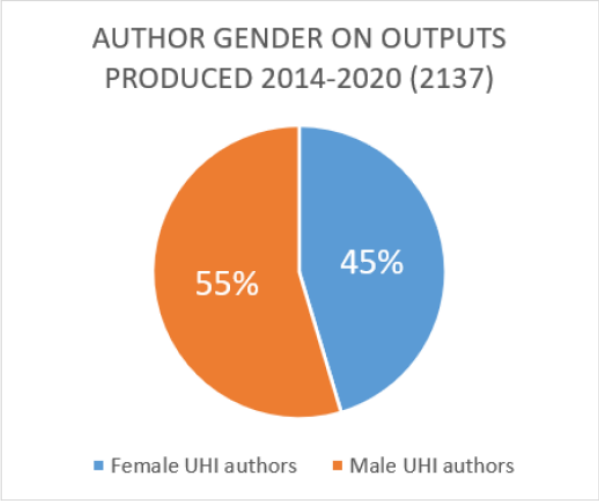


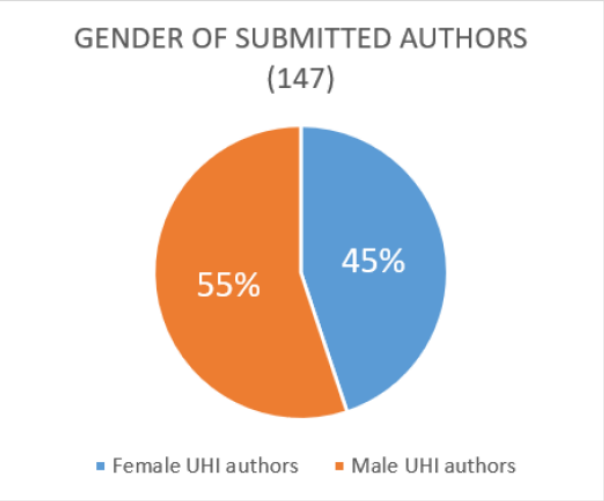
Our REF2021 submission by AP

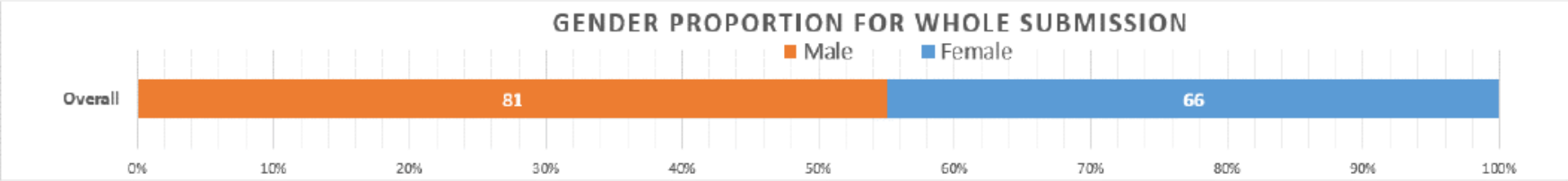
Outputs



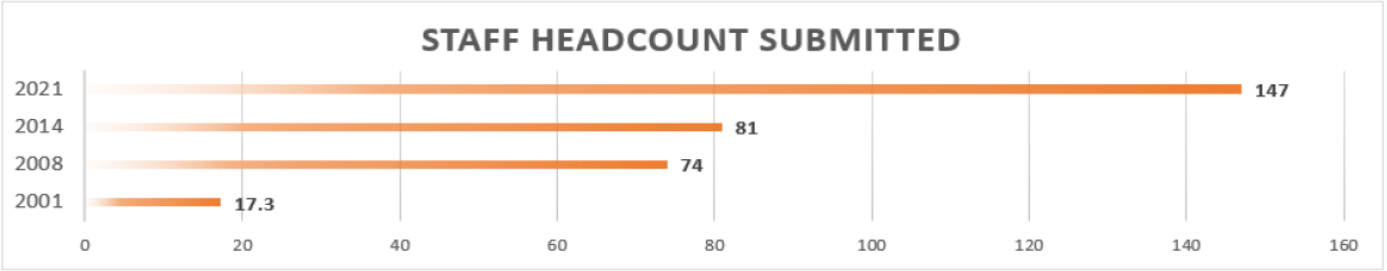
Our REF2021 submission balance

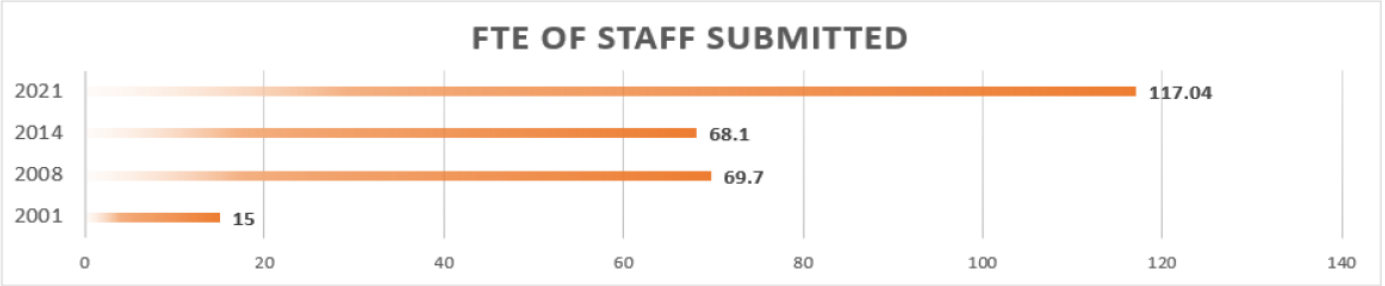


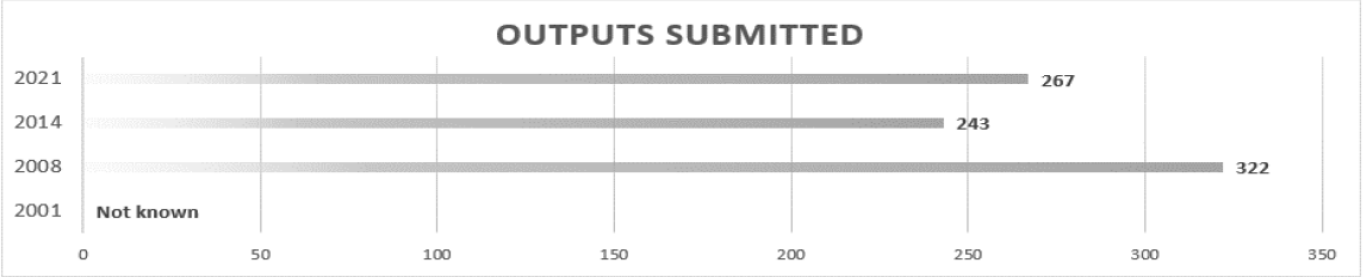




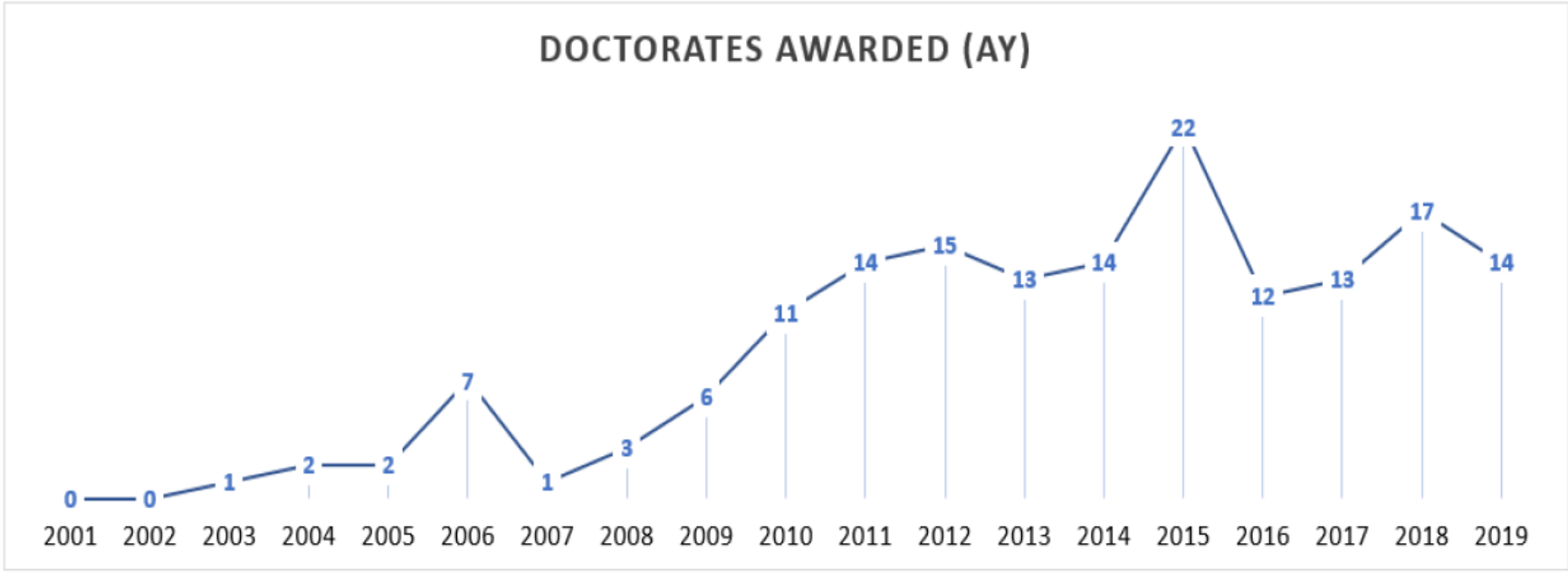
UHI RAE2001 RAE2008 REF2014 REF2021







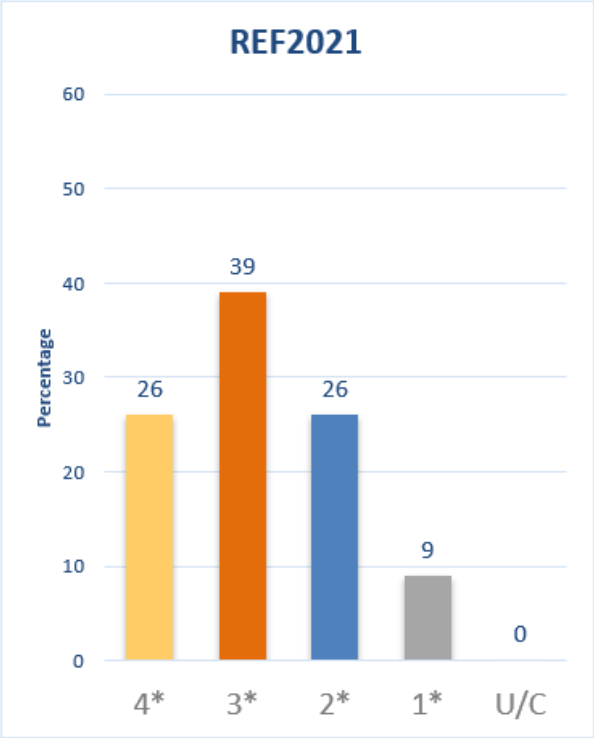
UHI Doctorates Awarded

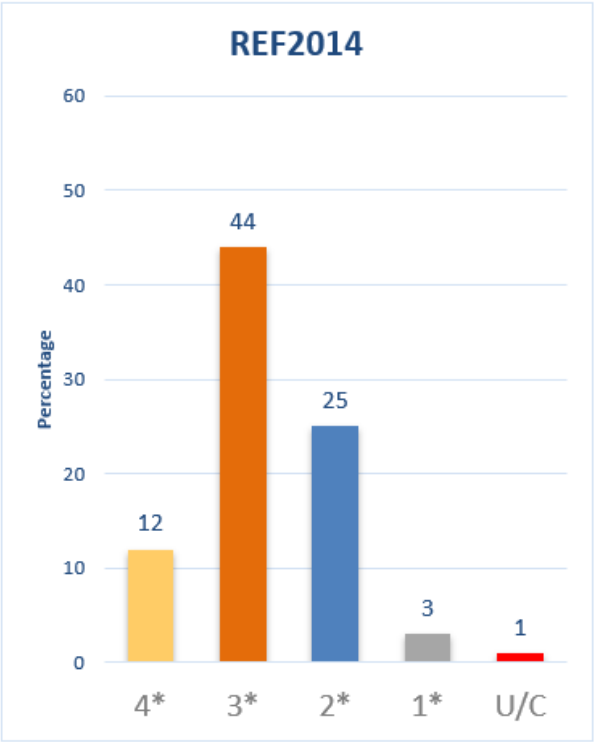


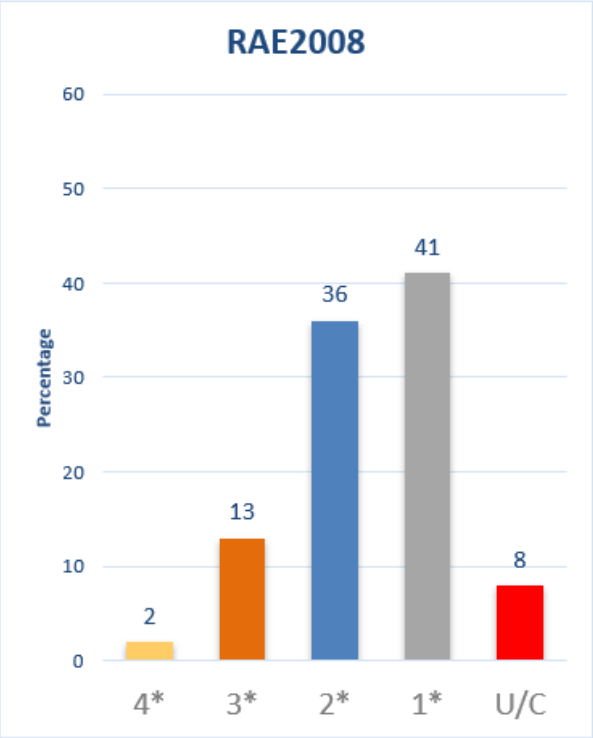
Performance in Scotland 2008 – 2021 - Overall

	Rank	HEI	Cat A FTE	4*	3*	2*	1*	U/C	4*/3*	GPA	QI
2008	?	University of the Highlands and Islands	69.40	1.9%	12.5%	36.3%	41.3%	8.1%	14.4%	2.12	29
2014	9	University of the Highlands and Islands	68.10	13%	56%	26%	4%	1%	69%	2.76	51
2021	11	University of the Highlands and Islands	116.44	26%	39%	26%	9%	0%	72%	2.96	59

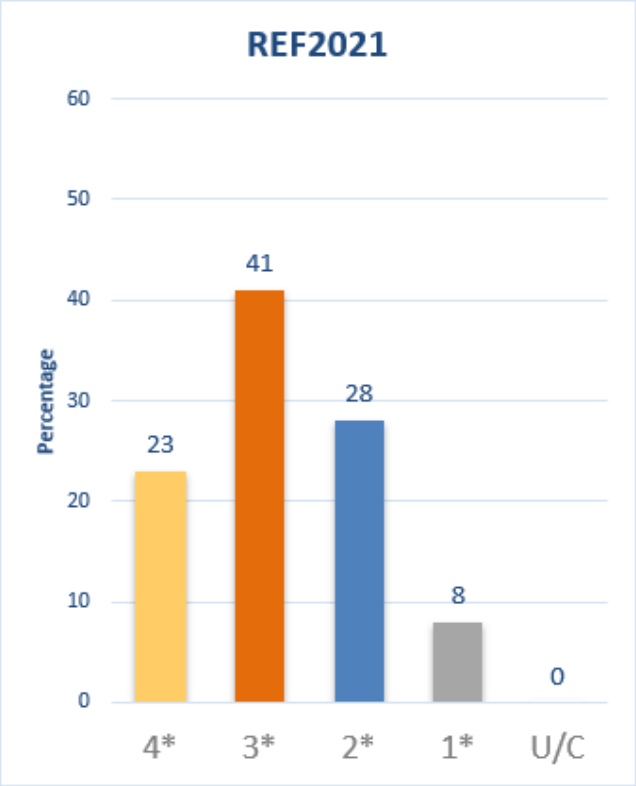
Overall profile 2008 - 2014 - 2021

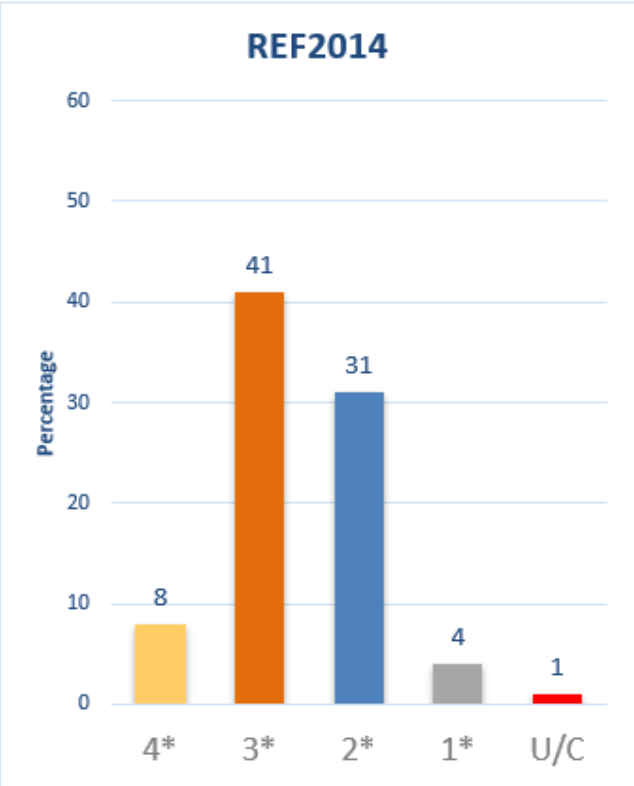




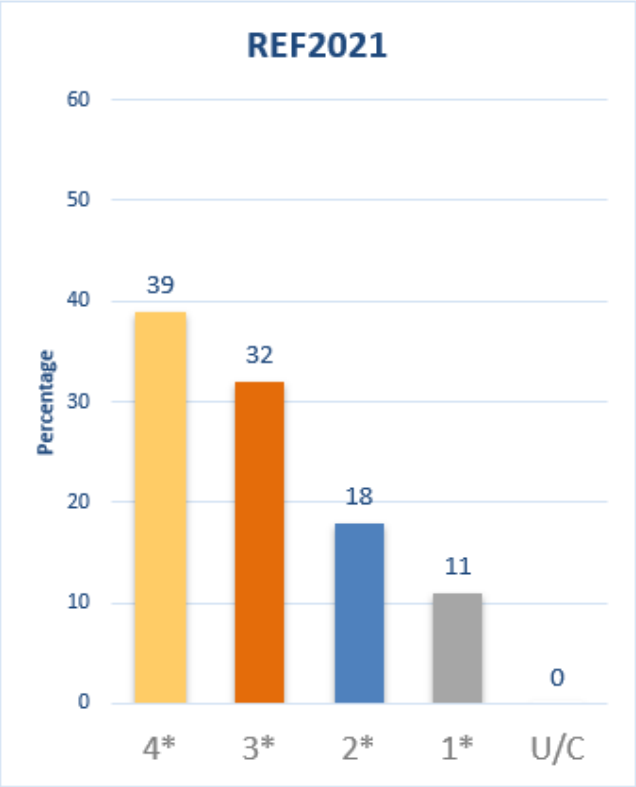


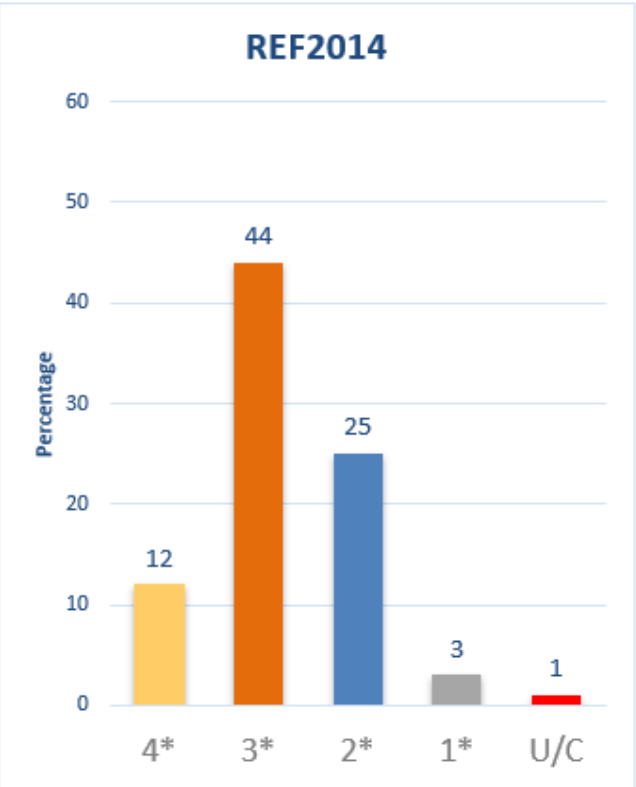
Output profile 2014 - 2021



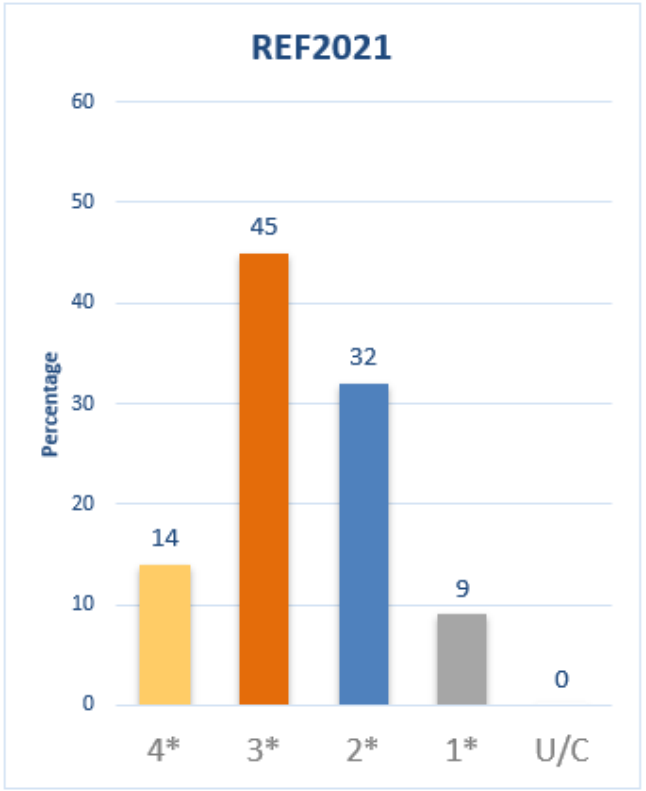


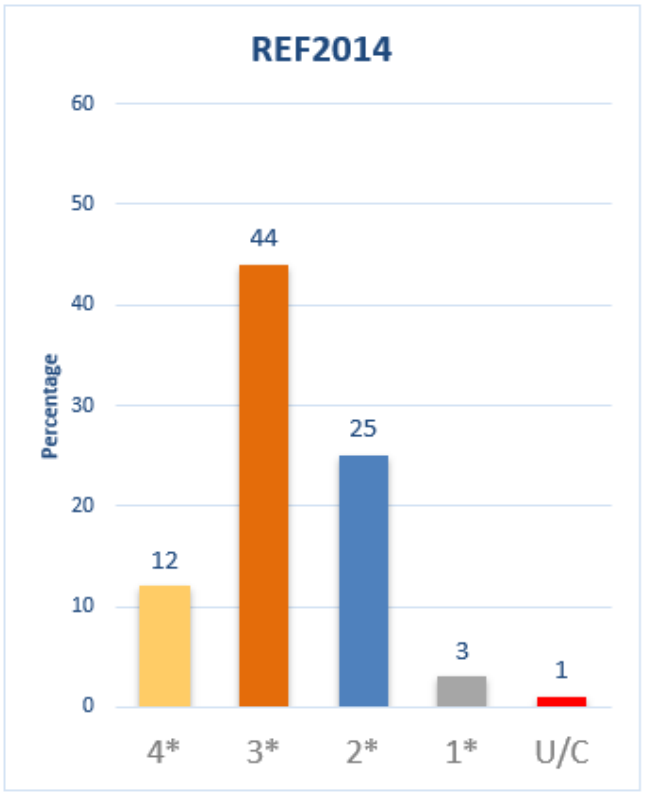
Impact profile 2014 - 2021





Environment ranking profile 2014 - 2021





Questions?

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