Researcher Visibility and Impact: Role of the Library.

Hester Mountifield | Libraries & Learning Services
University of Auckland
2 September 2016
Research - global trends .... Opportunity or Risk

- National Research Assessments Rankings
- Globalisation of Research
- Building Institutional Research Capacity
- Standards in Research Metrics
- Proliferation of Platforms
- Publish or Perish
- Open Research/Science/Access
- and more ............
UoA at a glance

Research-intensive
8 Faculties
2 Large-scale Research Institutes
4 Centres of Research Excellence
12 Research Units
37 Research Centres
9 Research Institutes.

12 locations

33,468 Students EFTS
7,511 Postgraduate EFTS

4,943 Staff
2,154 Academic/Researcher
82nd in the Quacquarelli Symonds (QS) World University Rankings

172th in the Times Higher Education (THE) World University Rankings

In the 201-300 band for the Academic Ranking of World Universities
Collaboration & Partnerships

- School of Graduate Studies
- Faculty research support
- Libraries & Learning Services
- ITS
- CeR
- Planning & Quality Office
- DVC Research Research Office
Working Groups

- Increase your outreach
- ORCID
- Open Access
- Increase your impact
- Researcher development
- Research Data

PBRF
BiblioInformatics Service

Phased Launch 2014 - 2015

Multi Faceted Impact Reporting Service

For individuals:
- Consultations
- Research Impact Reports
- Web Guides

For Senior Leadership, Deans & HoDs
- Benchmarking, Citation and Collaboration Reports
- KPI information
- External & Internal Disciplinary Reviews
- Research Market Intelligence
Bespoke Reports

Contents

Part 1: Metrics from SciVal and InCites

• Most cited field-weighted outputs

• Outputs in top journals

• International collaboration

• Field-weighted citation impact

• Publications: Department XXX compared to Australian Group of Eight
Part 2: Altmetrics including:

• Top books by library holdings worldwide

• Top University of Auckland Research Repository items by views and downloads

• Appendix 1: Researchers included in the SciVal data

• Appendix 2: Glossary of SciVal metrics

• Appendix 3: Glossary of InCites metrics

• Appendix 4: Total publications for the Department XXX in UoA Research Outputs
Disclaimer

The information included in this report contains general indicators of publication performance based on Scopus and Web of Science data. It is not in any way intended to provide a comprehensive analysis or view of research performance.

Although every effort has been made to deliver accurate information, the University of Auckland Libraries and Learning Services makes no guarantee as to the accuracy of content and assumes no responsibility for any errors or omissions in the third party or vendor supplied data. It is recommended that verification is sought on any data that might be used in further reporting or analysis.
Share of publications of UoA Department XXX that are among the most cited publications worldwide in 2010-2014
(Data sourced from SciVal and retrieved on 16 Feb 15)
Average citations for publications of Research Unit XXX compared to the Australian Group of 8 in 2004-2015
(Data sourced from SciVal and retrieved on 17 July 2015)
Field-weighted citation impact of publications by Research Unit XXX compared to Australian Group of 8 in 2004-2015

(Data sourced from SciVal and retrieved on 17 July 2015)
Total number of publications by Research Unit XXX staff by field and their corresponding field-weighted citation impact during 2010-2015. (Data sourced from SciVal and retrieved on 15 July 2015)
Publications of UoA School of XXXX by collaboration in 2010-2014 *(Data sourced from SciVal and retrieved on 30 Apr 2015)*

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Top 3 full-text records from Department XXX in UoA Research Repository by number of downloads worldwide (data sourced on 12/3/2015 from UoA Research Repository 2010-2014)
BiblioInformatics
Strategic reporting for Senior Leadership across:

Comparisons

![Graph showing relative impact of UoA for selected medical subject areas, 2002-2011](image-url)
BiblioInformatics

Strategic reporting for Senior Leadership across:

Strengths

[Bar chart showing University of Auckland Impact (Cites per Paper) Relative to Worldwide Subject Averages (2002-2011)]
### BiblioInformatics
Strategic reporting for Senior Leadership across: Collaborations

#### UoA international collaborations as a proportion of total papers

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<th>20%</th>
<th>30%</th>
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BiblioInformatics
Strategic reporting for Senior Leadership across:

Trends
Collaborations: Who are our international collaborators?

The International Spread of University of Auckland Collaborations

Canadian Institutions

UK Institutions

Middle Eastern Institution

Asian Institutions

US Institutions

University of York: 22 Papers; 3.50 Av Cites
University of Oxford: 2 Papers; 2.5 Av Cites
University of St Andrews: 8 Papers; 2.25 Av Cites
University of Nottingham: 4 Papers; 1.5 Av Cites

University of Montreal: 3 Papers; 2 Av Cites

University of California: 2 Papers; 6 Av Cites
Yale University: 27 Papers; 2.96 Av Cites
University of South Carolina: 3 Papers; 1.35 Av Cites
University of Connecticut: 5 Papers; 0.6 Av Cites

University of Tehran: 2 Papers; 2.5 Av Cites

University of Peking: 2 Papers; 6 Av Cites
Singapore Mgmt University: 10 Papers; 1.6 Av Cites

Australian National University: 2 Papers; 2 Av Cites
University of Sydney: 3 Papers; 3 Av Cites

Victoria University: 2 Papers; 10 Av Cites

New Zealand Institution

Assess the spread of our collaborations
The world’s rarest whale
Overview of attention for article published in Current Biology, January 2012

SUMMARY

You are seeing a free-to-access but limited selection of the activity Altmetric has collected about this scholarly content. Click here to find out more.

About this score

In the top 5% of all articles scored by Altmetric

Mentioned by

15 news outlets
12 blogs
53 tweeters
16 Facebook pages
1 Wikipedia page
1 Google+ user
1 Redditor
2 Pinners
2 video uploaders

Readers on

51 Mendeley

Twitter demographics

The data shown below were collected from the profiles of 53 tweeters who shared this article. Click here to find out more about how the information was compiled.

Geographical breakdown

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Demographic breakdown

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<td>74%</td>
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<td>Scientists</td>
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<tr>
<td>Science communicators (journalists, bloggers, editors)</td>
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### All mentioned articles by FOX, Lucy W

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<th>Journals</th>
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Chart of mentions of 694 matched articles from 18th June 2014 to 17th June 2016

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### All mentioned articles from Department of Humanities

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<th>Articles</th>
<th>Activity</th>
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<tr>
<td>Wikipedia</td>
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Chart of mentions of 1,333 matched articles from 18th June 2014 to 17th June 2016
PBRF Quality Evaluation 2018: Vision and outcomes

“That the University of Auckland receives the optimal PBRF Quality Evaluation funding, in line with the Strategic Plan 2013-2020, and performs as New Zealand’s premier research university in the 2018 PBRF Quality Evaluation”

- Desired outcomes:
  - Maximise the PBRF Quality Evaluation-related income for the University
  - Demonstrate the exemplary quality of University research and researchers which enhances our reputation
Year range: 2011 to 2015

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<td>299</td>
<td>0.77</td>
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**Publications by Subject Area**

- Computer Science
- Physics and Astronomy
- Chemical Engineering
- Materials Science
- Engineering
- Biochemistry, Genetics and Molecular Biology
- Medicine
- Pharmacology, Toxicology and Pharmaceutics
- Neuroscience
- Other

**Performance indicators**

- **Outputs in Top Percentiles**
  - Publications in top 10% most cited worldwide
  - 18.5%

- **Publications in Top Journal Percentiles**
  - Publications in top 10% journals by SNIP
  - 6.4%

- **International Collaboration**
  - Publications co-authored with researchers in other countries
  - 66.7%

- **Academic-Corporate Collaboration**
  - Publications with both academic and corporate affiliations
  - 0.0%
<table>
<thead>
<tr>
<th>Name</th>
<th>Rank</th>
<th>Category Normalized Citation Impact</th>
<th>Journal Normalized Citation Impact</th>
<th>% Documents in Top 10%</th>
<th>Impact Relative to World</th>
<th>% Docs Cited</th>
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<th>Source</th>
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<th>Issue</th>
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*InCites™* Calibrate Your Strategic Research Vision
Sources

ELSEVIER
SciVal
Scopus
Mendeley
SJR
Scimago Journal & Country Rank
Google Scholar
OCLC WorldCat
ExLibris Primo

DIGITAL
science
Symplectic Elements
Altmetric
figshare

WEB OF SCIENCE™
InCites™
Calibrate Your Strategic Research Vision
InCites™ Journal Citation Reports®

DSpace
Growing

- GitHub
- Kudos
- SlideShare
- Impactstory
- CiteULike
- Dow Jones
- LinkedIn
- Bookmetrix
- Academia.edu
- ReadCube
- Twitter
- Facebook
- ResearchGate
- YouTube
- Delicious
- PLOS
Publish or Perish

Publish to be Cited or Perish

Publish to be Mention or Perish

Wouter Gerritsma
“Ten principles to guide research evaluation.............
[3] protect excellence in locally relevant research”

“....the description, production and consumption of ‘metrics’ remains contested and open to misunderstandings. Metrics should support, not supplant, expert judgement”
<table>
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<th>National research assessments</th>
<th>Opportunity</th>
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<td>Rankings</td>
<td>Opportunity</td>
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<tr>
<td>Globalisation of research</td>
<td>Opportunity</td>
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<td>Building institutional research capacity</td>
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<td>Standards in research metrics</td>
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<td>Proliferation of platforms</td>
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<tr>
<td>Open Research/Science/Access</td>
<td>Opportunity &amp; Risk</td>
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</table>
Collaboration on integration initiatives, working groups and new services

= Exponential impact for Library, researchers and the institution

Sustained buy in and support of Library led initiatives and services

Ongoing recognition of Library value with opportunities to participate in institution wide projects

Poised to continue to lead further service development and initiatives
Thank you.

Questions?